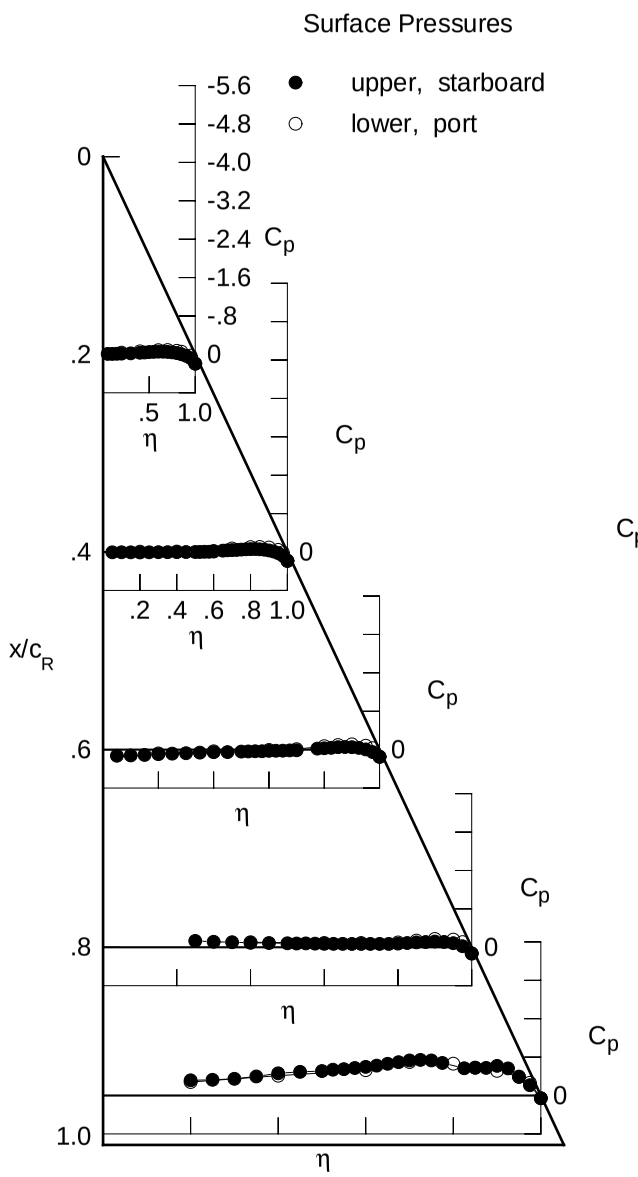
Appendix E

Experimental Surface Pressure Data for 65° Delta Wing, M_∞ = 0.85

The experimental surface pressure data for the 65° delta wing at constant M_∞ = 0.85 are summarized in tables E1–E11. 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):

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	-0.0103	0.0056	0.1276	*******	*******
0.100	-0.0093	0.0049	0.1208	*******	*******
0.150	-0.0129	0.0062	0.1101	*******	*******
0.200	-0.0160	0.0086	0.0946	*******	-0.3169
0.250	*******	0.0060	0.0835	-0.1326	-0.3273
0.300	-0.0213	0.0028	0.0742	-0.1146	-0.3480
0.350	*******	0.0036	0.0624	-0.1054	-0.3969
0.400	-0.0343	0.0016	0.0529	-0.0933	-0.4627
0.450	-0.0392	0.0004	0.0509	-0.0889	-0.4928
0.500	-0.0486	-0.0005	0.0408	-0.0829	-0.5099
0.525	*******	-0.0019	0.0378	-0.0785	-0.5376
0.550	-0.0527	-0.0058	0.0333	-0.0804	-0.5490
0.575	*******	-0.0058	0.0333	-0.0763	-0.5727
0.600	-0.0565	-0.0105	0.0244	-0.0728	-0.5967
0.625	*******	*******	0.0235	-0.0723	-0.6222
0.650	-0.0559	-0.0285	0.0216	-0.0713	-0.6612
0.675	*******	-0.0362	0.0157	-0.0697	-0.6945
0.700	-0.0522	-0.0403	0.0139	-0.0704	-0.7300
0.725	*******	-0.0443	*******	-0.0706	-0.7417
0.750	-0.0426	-0.0515	*******	-0.0703	-0.7304
0.775	*******	-0.0577	-0.0214	-0.0701	-0.6786
0.800	-0.0269	-0.0610	-0.0287	-0.0771	*******
0.825	*******	-0.0630	-0.0379	-0.0891	-0.5676
0.850	-0.0033	-0.0570	-0.0521	-0.1025	-0.5785
0.875	*******	-0.0488	-0.0543	-0.1096	-0.5752
0.900	0.0297	-0.0326	-0.0510	-0.1202	-0.6172
0.925	*******	-0.0113	-0.0366	-0.1114	-0.5645
0.950	0.0781	0.0230	-0.0052	-0.0855	-0.3864
0.975	*******	0.0762	0.0500	-0.0221	-0.2147
1.000	0.1943	0.1878	0.1444	0.1327	0.0562
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0361	-0.0075	0.0795	*******	-0.2808
-0.400	-0.0633	-0.0099	0.0348	-0.1049	-0.4130
-0.600	-0.0881	-0.0216	0.0060	-0.0897	-0.5276
-0.700	-0.0902	-0.0738	-0.0098	-0.0894	-0.6978
-0.800	-0.0747	-0.1022	-0.0723	-0.1006	-0.6633
-0.850	-0.0558	-0.1055	-0.0962	-0.1400	-0.5800
-0.900	*******	-0.0933	-0.1107	-0.1740	-0.5132
-0.950	0.0254	-0.0445	-0.0813	-0.1601	-0.3945
-0.975	*******	0.0080	-0.0301	-0.1078	-0.2654
-1.000	0.1906	0.1760	0.1531	0.1253	0.0574



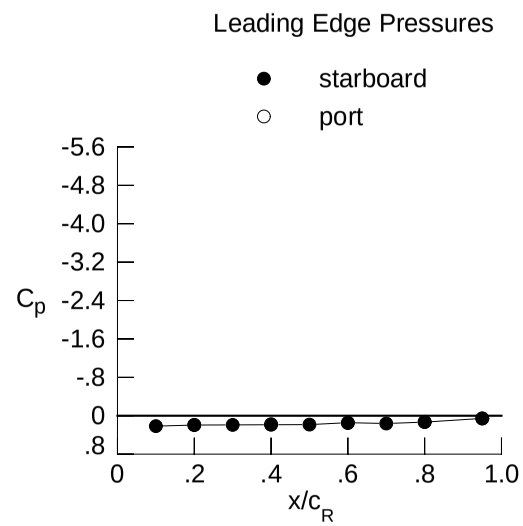
Medium Radius L.E.

Run No. = 7 , Point No. = 127

C_N = -0.016, C_m = -0.0042

α = -0.4 °, M_∞ = 0.849

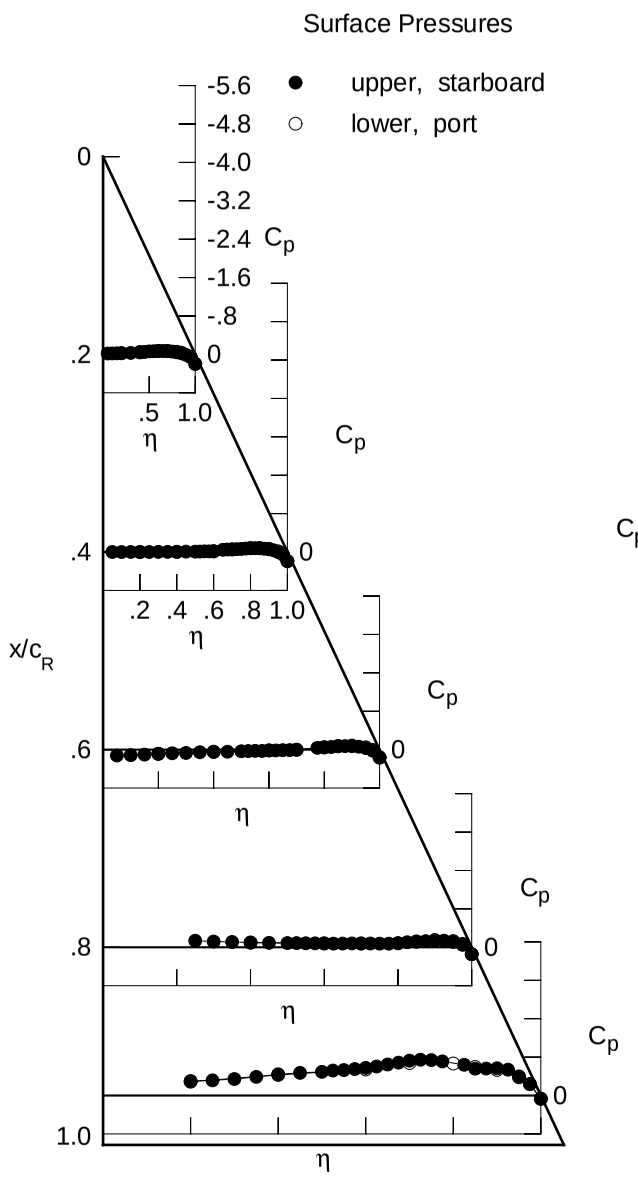
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	0.2165	*******
0.20	0.1943	0.1906
0.30	0.1910	*******
0.40	0.1878	0.1760
0.50	0.1850	*******
0.60	0.1444	0.1531
0.70	0.1623	*******
0.80	0.1327	0.1253
0.90	*******	*******
0.95	0.0562	0.0574

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	-0.0187	-0.0015	0.1227	*******	*******
0.100	-0.0197	-0.0002	0.1155	*******	*******
0.150	-0.0223	-0.0016	0.1032	*******	*******
0.200	-0.0241	-0.0001	0.0889	*******	-0.3018
0.250	*******	-0.0007	0.0757	-0.1370	-0.3159
0.300	-0.0313	-0.0035	0.0689	-0.1191	-0.3433
0.350	*******	-0.0033	0.0548	-0.1101	-0.3883
0.400	-0.0419	-0.0057	0.0483	-0.0983	-0.4414
0.450	-0.0512	-0.0088	0.0430	-0.0931	-0.4719
0.500	-0.0623	-0.0080	0.0332	-0.0876	-0.4931
0.525	*******	-0.0095	0.0296	-0.0870	-0.5200
0.550	-0.0653	-0.0146	0.0252	-0.0844	-0.5305
0.575	*******	-0.0138	0.0275	-0.0826	-0.5513
0.600	-0.0686	-0.0189	0.0166	-0.0798	-0.5761
0.625	*******	*******	0.0171	-0.0762	-0.6038
0.650	-0.0705	-0.0464	0.0112	-0.0765	-0.6459
0.675	*******	-0.0520	0.0094	-0.0797	-0.6846
0.700	-0.0674	-0.0538	0.0041	-0.0778	-0.7256
0.725	*******	-0.0588	*******	-0.0784	-0.7455
0.750	-0.0590	-0.0651	*******	-0.0761	-0.7378
0.775	*******	-0.0731	-0.0378	-0.0749	-0.7108
0.800	-0.0437	-0.0781	-0.0441	-0.0859	*******
0.825	*******	-0.0796	-0.0550	-0.1051	-0.6403
0.850	-0.0221	-0.0788	-0.0685	-0.1162	-0.5589
0.875	*******	-0.0688	-0.0730	-0.1280	-0.5620
0.900	0.0093	-0.0576	-0.0719	-0.1394	-0.5674
0.925	*******	-0.0369	-0.0606	-0.1375	-0.5383
0.950	0.0570	-0.0011	-0.0331	-0.1117	-0.3991
0.975	*******	0.0514	0.0210	-0.0519	-0.2365
1.000	0.1979	0.1929	0.1561	0.1444	0.0652
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	-0.0252	-0.0008	0.0840	*******	-0.2875
-0.400	-0.0507	-0.0017	0.0422	-0.0973	-0.4291
-0.600	-0.0735	-0.0111	0.0153	-0.0816	-0.5425
-0.700	-0.0734	-0.0565	-0.0001	-0.0791	-0.6771
-0.800	-0.0546	-0.0823	-0.0527	-0.0838	-0.6660
-0.850	-0.0353	-0.0834	-0.0774	-0.1222	-0.5949
-0.900	*******	-0.0679	-0.0850	-0.1519	-0.5328
-0.950	0.0481	-0.0139	-0.0488	-0.1295	-0.3795
-0.975	*******	0.0401	0.0049	-0.0719	-0.2388
-1.000	0.1975	0.1876	0.1687	0.1440	0.0719



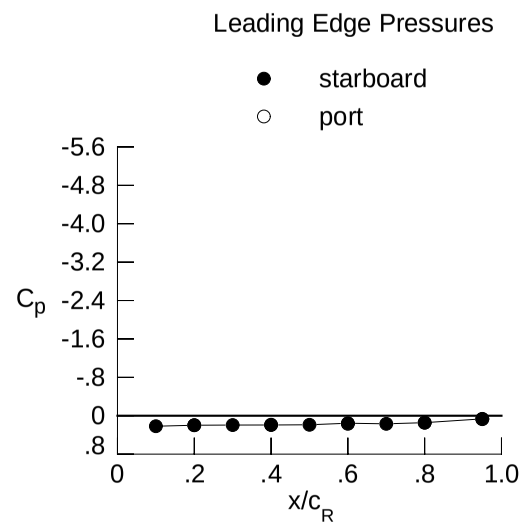
Medium Radius L.E.

Run No. = 7 , Point No. = 128

C_N = 0.001, C_m = -0.0056

α = 0.0 °, M_∞ = 0.850

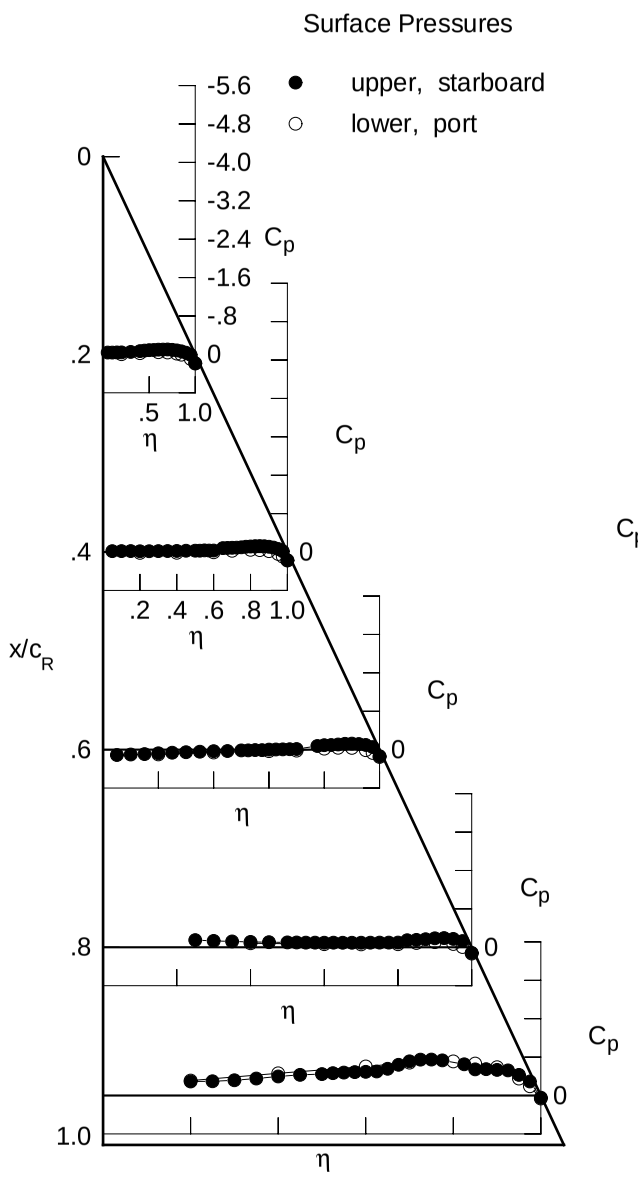
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	0.2188	*******
0.20	0.1979	0.1975
0.30	0.1942	*******
0.40	0.1929	0.1876
0.50	0.1884	*******
0.60	0.1561	0.1687
0.70	0.1685	*******
0.80	0.1444	0.1440
0.90	*******	*******
0.95	0.0652	0.0719

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	-0.0383	-0.0187	0.1120	*******	*******
0.100	-0.0375	-0.0192	0.1013	*******	*******
0.150	-0.0409	-0.0203	0.0926	*******	*******
0.200	-0.0415	-0.0158	0.0757	*******	-0.2923
0.250	*******	-0.0170	0.0644	-0.1495	-0.2965
0.300	-0.0515	-0.0196	0.0539	-0.1330	-0.3174
0.350	*******	-0.0207	0.0431	-0.1217	-0.3534
0.400	-0.0681	-0.0224	0.0322	-0.1116	-0.3968
0.450	-0.0796	-0.0275	0.0290	-0.1062	-0.4306
0.500	-0.0882	-0.0277	0.0158	-0.1013	-0.4466
0.525	*******	-0.0281	0.0155	-0.0998	-0.4658
0.550	-0.0913	-0.0342	0.0087	-0.0966	-0.4779
0.575	*******	-0.0308	0.0104	-0.0968	-0.4875
0.600	-0.0981	-0.0310	-0.0007	-0.0951	-0.4937
0.625	*******	*******	-0.0033	-0.0959	-0.5004
0.650	-0.1003	-0.0813	-0.0055	-0.0948	-0.5569
0.675	*******	-0.0857	-0.0091	-0.0944	-0.6397
0.700	-0.1024	-0.0890	-0.0126	-0.0953	-0.7123
0.725	*******	-0.0911	*******	-0.0963	-0.7475
0.750	-0.0951	-0.0982	*******	-0.0976	-0.7485
0.775	*******	-0.1103	-0.0758	-0.0979	-0.7323
0.800	-0.0832	-0.1162	-0.0924	-0.0985	*******
0.825	*******	-0.1228	-0.0957	-0.1469	-0.6504
0.850	-0.0639	-0.1244	-0.1071	-0.1542	-0.5447
0.875	*******	-0.1205	-0.1219	-0.1678	-0.5485
0.900	-0.0349	-0.1101	-0.1254	-0.1874	-0.5333
0.925	*******	-0.0932	-0.1170	-0.1919	-0.5231
0.950	0.0088	-0.0629	-0.0978	-0.1747	-0.4299
0.975	*******	-0.0156	-0.0537	-0.1293	-0.2918
1.000	0.1839	0.1716	0.1352	0.1158	0.0448
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0043	0.0175	0.0995	*******	-0.3108
-0.400	-0.0254	0.0148	0.0590	-0.0839	-0.4625
-0.600	-0.0454	0.0047	0.0314	-0.0648	-0.6045
-0.700	-0.0403	-0.0265	0.0204	-0.0610	-0.6846
-0.800	-0.0172	-0.0463	-0.0209	-0.0638	-0.7105
-0.850	0.0059	-0.0401	-0.0393	-0.0898	-0.6656
-0.900	*******	-0.0180	-0.0364	-0.1069	-0.5899
-0.950	0.0928	0.0399	0.0109	-0.0690	-0.3526
-0.975	*******	0.0960	0.0686	-0.0058	-0.1928
-1.000	0.1907	0.1758	0.1525	0.1316	0.0622



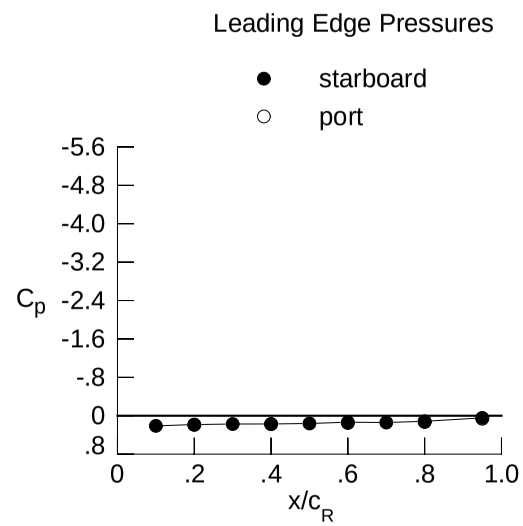
Medium Radius L.E.

Run No. = 7 , Point No. = 129

C_N = 0.039, C_m = -0.0101

α = 1.1 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

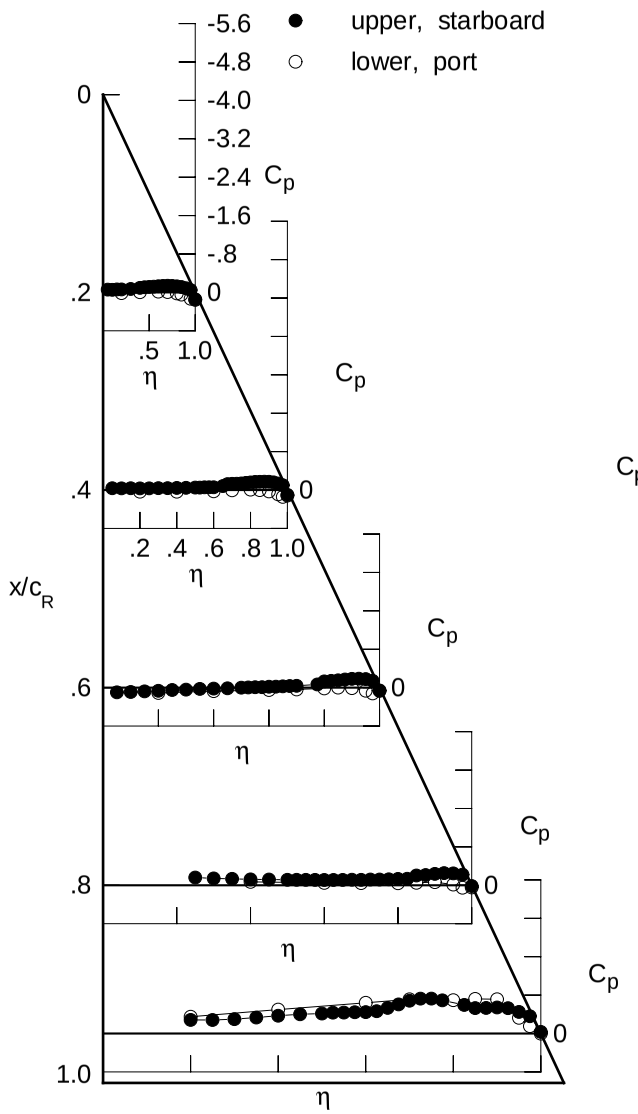


x/c_R	starb'd C_p	port C_p
0.10	0.2114	*******
0.20	0.1839	0.1907
0.30	0.1726	*******
0.40	0.1716	0.1758
0.50	0.1616	*******
0.60	0.1352	0.1525
0.70	0.1418	*******
0.80	0.1158	0.1316
0.90	*******	*******
0.95	0.0448	0.0622

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	-0.0573	-0.0377	0.0979	*******	*******
0.100	-0.0540	-0.0349	0.0901	*******	*******
0.150	-0.0614	-0.0372	0.0773	*******	*******
0.200	-0.0617	-0.0346	0.0653	*******	-0.2829
0.250	*******	-0.0351	0.0490	-0.1619	-0.2815
0.300	-0.0711	-0.0391	0.0420	-0.1431	-0.2991
0.350	*******	-0.0392	0.0263	-0.1344	-0.3327
0.400	-0.0945	-0.0437	0.0197	-0.1235	-0.3707
0.450	-0.1071	-0.0466	0.0140	-0.1202	-0.4010
0.500	-0.1135	-0.0510	0.0004	-0.1144	-0.4158
0.525	*******	-0.0505	-0.0038	-0.1146	-0.4347
0.550	-0.1195	-0.0568	-0.0088	-0.1135	-0.4360
0.575	*******	-0.0579	-0.0094	-0.1125	-0.4432
0.600	-0.1278	-0.0573	-0.0192	-0.1109	-0.4459
0.625	*******	*******	-0.0198	-0.1111	-0.4651
0.650	-0.1342	-0.0834	-0.0271	-0.1119	-0.5338
0.675	*******	-0.1235	-0.0333	-0.1160	-0.6067
0.700	-0.1381	-0.1295	-0.0387	-0.1137	-0.6832
0.725	*******	-0.1308	*******	-0.1198	-0.7266
0.750	-0.1346	-0.1375	*******	-0.1200	-0.7269
0.775	*******	-0.1485	-0.0660	-0.1248	-0.6909
0.800	-0.1264	-0.1586	-0.1301	-0.1329	*******
0.825	*******	-0.1685	-0.1414	-0.1360	-0.5952
0.850	-0.1119	-0.1710	-0.1529	-0.2042	-0.5298
0.875	*******	-0.1739	-0.1699	-0.2138	-0.5329
0.900	-0.0864	-0.1718	-0.1836	-0.2374	-0.5423
0.925	*******	-0.1603	-0.1864	-0.2538	-0.5283
0.950	-0.0490	-0.1352	-0.1784	-0.2483	-0.4495
0.975	*******	-0.1012	-0.1424	-0.2214	-0.3599
1.000	0.1442	0.1001	0.0591	0.0148	-0.0335
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0155	0.0343	0.1106	*******	-0.3495
-0.400	-0.0043	0.0342	0.0725	-0.0712	-0.4981
-0.600	-0.0164	0.0267	0.0494	-0.0506	-0.6398
-0.700	-0.0074	0.0057	0.0373	-0.0453	-0.7126
-0.800	0.0209	-0.0088	0.0162	-0.0427	-0.6943
-0.850	0.0452	0.0013	-0.0011	-0.0523	-0.7210
-0.900	*******	0.0288	0.0102	-0.0656	-0.7140
-0.950	0.1322	0.0893	0.0643	-0.0150	-0.3275
-0.975	*******	0.1426	0.1202	0.0504	-0.1530
-1.000	0.1558	0.1154	0.0662	0.0451	0.0025

Surface Pressures



Medium Radius L.E.

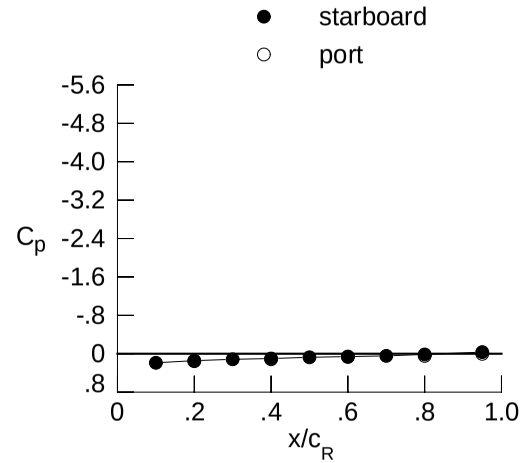
Run No. = 7 , Point No. = 130

C_N = 0.082, C_m = -0.0185

α = 2.1 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

Leading Edge Pressures

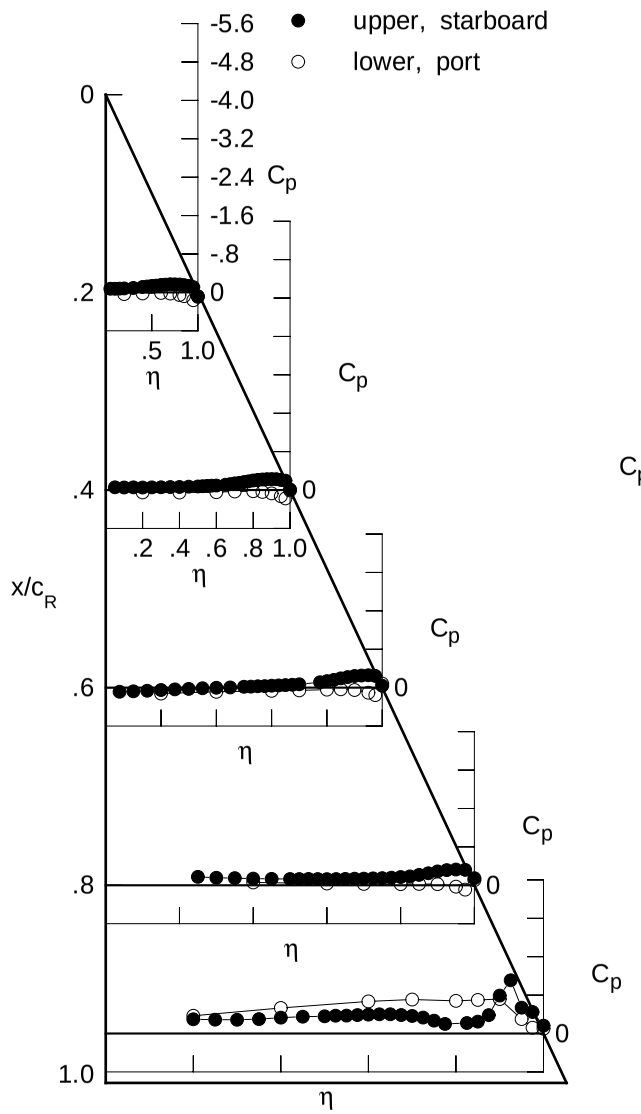


x/c_R	starb'd C_p	port C_p
0.10	0.1888	*******
0.20	0.1442	0.1558
0.30	0.1163	*******
0.40	0.1001	0.1154
0.50	0.0746	*******
0.60	0.0591	0.0662
0.70	0.0448	*******
0.80	0.0148	0.0451
0.90	*******	*******
0.95	-0.0335	0.0025

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	-0.0761	-0.0564	0.0855	*******	*******
0.100	-0.0753	-0.0527	0.0771	*******	*******
0.150	-0.0788	-0.0562	0.0644	*******	*******
0.200	-0.0821	-0.0521	0.0493	*******	-0.2970
0.250	*******	-0.0555	0.0360	-0.1759	-0.2880
0.300	-0.0928	-0.0574	0.0263	-0.1565	-0.2863
0.350	*******	-0.0624	0.0130	-0.1485	-0.2999
0.400	-0.1126	-0.0641	0.0027	-0.1395	-0.3306
0.450	-0.1230	-0.0702	-0.0043	-0.1338	-0.3505
0.500	-0.1344	-0.0740	-0.0181	-0.1307	-0.3587
0.525	*******	-0.0791	-0.0210	-0.1295	-0.3710
0.550	-0.1415	-0.0861	-0.0292	-0.1319	-0.3730
0.575	*******	-0.0909	-0.0313	-0.1296	-0.3842
0.600	-0.1543	-0.0937	-0.0409	-0.1283	-0.3925
0.625	*******	*******	-0.0452	-0.1299	-0.3998
0.650	-0.1613	-0.1105	-0.0530	-0.1329	-0.4007
0.675	*******	-0.1221	-0.0599	-0.1374	-0.3848
0.700	-0.1697	-0.1389	-0.0695	-0.1387	-0.3659
0.725	*******	-0.1498	*******	-0.1438	-0.3320
0.750	-0.1683	-0.1664	*******	-0.1490	-0.2679
0.775	*******	-0.1815	-0.1124	-0.1585	-0.1996
0.800	-0.1637	-0.1990	-0.1357	-0.1723	*******
0.825	*******	-0.2110	-0.1614	-0.1848	-0.2183
0.850	-0.1522	-0.2200	-0.1939	-0.2170	-0.2468
0.875	*******	-0.2267	-0.2200	-0.2503	-0.3831
0.900	-0.1342	-0.2282	-0.2422	-0.2892	-0.7904
0.925	*******	-0.2265	-0.2520	-0.3159	-1.1091
0.950	-0.1097	-0.2092	-0.2580	-0.3282	-0.5385
0.975	*******	-0.1952	-0.2443	-0.3220	-0.4481
1.000	0.0803	-0.0122	-0.0403	-0.1480	-0.1638
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0351	0.0496	0.1231	*******	-0.3693
-0.400	0.0215	0.0519	0.0867	-0.0592	-0.5319
-0.600	0.0113	0.0448	0.0665	-0.0368	-0.6688
-0.700	0.0242	0.0304	0.0566	-0.0287	-0.7082
-0.800	0.0545	0.0248	0.0420	-0.0241	-0.6801
-0.850	0.0786	0.0394	0.0344	-0.0278	-0.6991
-0.900	*******	0.0698	0.0494	-0.0243	-0.7174
-0.950	0.1629	0.1291	0.1055	0.0285	-0.3008
-0.975	*******	0.1742	0.1563	0.0902	-0.1204
-1.000	0.0929	0.0081	-0.0837	-0.1068	-0.1001

Surface Pressures



Medium Radius L.E.

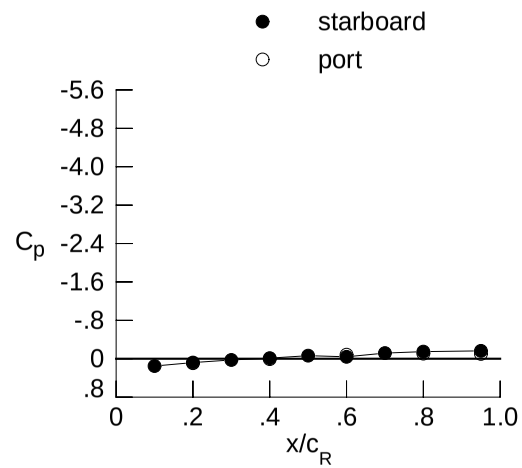
Run No. = 7 , Point No. = 131

C_N = 0.122, C_m = -0.0242

α = 3.1 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

Leading Edge Pressures

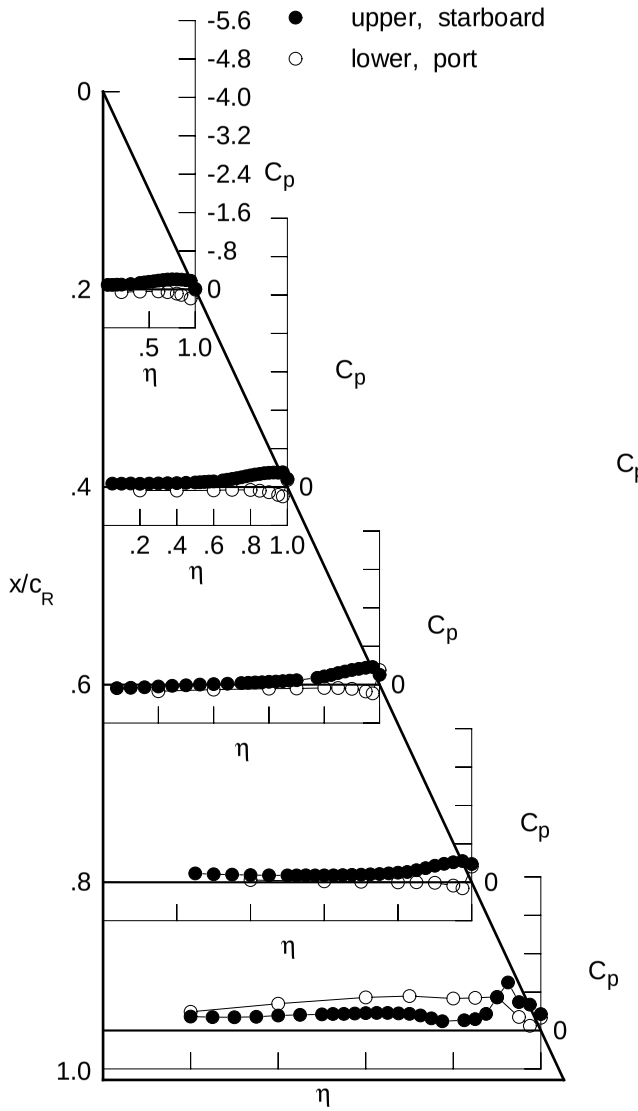


x/c_R	starb'd C_p	port C_p
0.10	0.1521	*******
0.20	0.0803	0.0929
0.30	0.0254	*******
0.40	-0.0122	0.0081
0.50	-0.0637	*******
0.60	-0.0403	-0.0837
0.70	-0.1173	*******
0.80	-0.1480	-0.1068
0.90	*******	*******
0.95	-0.1638	-0.1001

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	-0.0934	-0.0712	0.0735	*******	*******
0.100	-0.0933	-0.0692	0.0656	*******	*******
0.150	-0.0987	-0.0733	0.0547	*******	*******
0.200	-0.0991	-0.0683	0.0383	*******	-0.2901
0.250	*******	-0.0721	0.0244	-0.1845	-0.2781
0.300	-0.1110	-0.0754	0.0136	-0.1670	-0.2764
0.350	*******	-0.0800	-0.0015	-0.1600	-0.2854
0.400	-0.1335	-0.0817	-0.0116	-0.1502	-0.3120
0.450	-0.1454	-0.0879	-0.0195	-0.1446	-0.3266
0.500	-0.1584	-0.0955	-0.0330	-0.1434	-0.3361
0.525	*******	-0.1000	-0.0389	-0.1435	-0.3446
0.550	-0.1687	-0.1065	-0.0457	-0.1455	-0.3462
0.575	*******	-0.1138	-0.0492	-0.1431	-0.3533
0.600	-0.1830	-0.1178	-0.0592	-0.1444	-0.3622
0.625	*******	*******	-0.0643	-0.1452	-0.3661
0.650	-0.1948	-0.1380	-0.0730	-0.1494	-0.3661
0.675	*******	-0.1524	-0.0835	-0.1542	-0.3566
0.700	-0.2057	-0.1677	-0.0918	-0.1580	-0.3470
0.725	*******	-0.1843	*******	-0.1655	-0.3140
0.750	-0.2093	-0.2026	*******	-0.1721	-0.2535
0.775	*******	-0.2232	-0.1426	-0.1857	-0.1932
0.800	-0.2087	-0.2423	-0.1717	-0.2001	*******
0.825	*******	-0.2609	-0.2017	-0.2145	-0.2137
0.850	-0.2032	-0.2729	-0.2415	-0.2522	-0.2370
0.875	*******	-0.2886	-0.2734	-0.2941	-0.3466
0.900	-0.1923	-0.2969	-0.3058	-0.3449	-0.6880
0.925	*******	-0.3019	-0.3292	-0.3850	-1.0012
0.950	-0.1799	-0.2984	-0.3512	-0.4170	-0.5922
0.975	*******	-0.3071	-0.3669	-0.4424	-0.5391
1.000	-0.0138	-0.1724	-0.2053	-0.3812	-0.3427
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0570	0.0708	0.1379	*******	-0.3895
-0.400	0.0459	0.0735	0.1036	-0.0464	-0.5584
-0.600	0.0416	0.0694	0.0842	-0.0202	-0.6897
-0.700	0.0567	0.0588	0.0801	-0.0116	-0.7177
-0.800	0.0880	0.0610	0.0690	0.0019	-0.6664
-0.850	0.1135	0.0767	0.0701	-0.0008	-0.6797
-0.900	*******	0.1077	0.0871	0.0105	-0.7013
-0.950	0.1890	0.1636	0.1417	0.0688	-0.2823
-0.975	*******	0.1948	0.1817	0.1244	-0.0987
-1.000	0.0040	-0.1466	-0.3036	-0.3269	-0.2664

Surface Pressures



Medium Radius L.E.

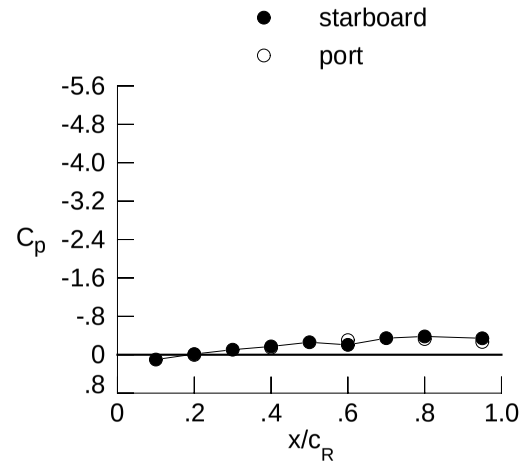
Run No. = 7 , Point No. = 132

C_N = 0.163, C_m = -0.0311

α = 4.2 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

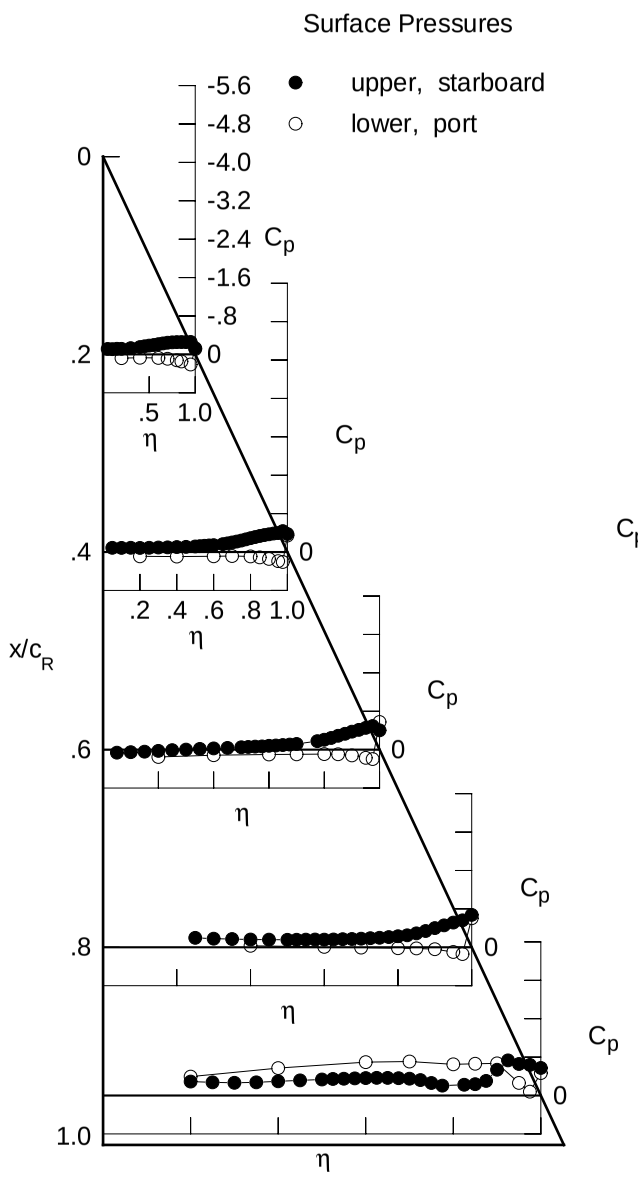
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1010	*******
0.20	-0.0138	0.0040
0.30	-0.1052	*******
0.40	-0.1724	-0.1466
0.50	-0.2598	*******
0.60	-0.2053	-0.3036
0.70	-0.3449	*******
0.80	-0.3812	-0.3269
0.90	*******	*******
0.95	-0.3427	-0.2664

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	-0.1133	-0.0882	0.0630	*******	*******
0.100	-0.1087	-0.0864	0.0530	*******	*******
0.150	-0.1165	-0.0887	0.0421	*******	*******
0.200	-0.1158	-0.0852	0.0252	*******	-0.2901
0.250	*******	-0.0887	0.0108	-0.1968	-0.2746
0.300	-0.1302	-0.0942	-0.0011	-0.1794	-0.2648
0.350	*******	-0.0974	-0.0149	-0.1717	-0.2745
0.400	-0.1527	-0.1039	-0.0254	-0.1618	-0.2958
0.450	-0.1690	-0.1082	-0.0361	-0.1589	-0.3152
0.500	-0.1835	-0.1164	-0.0497	-0.1563	-0.3338
0.525	*******	-0.1221	-0.0562	-0.1568	-0.3447
0.550	-0.1955	-0.1307	-0.0635	-0.1592	-0.3497
0.575	*******	-0.1373	-0.0674	-0.1620	-0.3571
0.600	-0.2129	-0.1435	-0.0801	-0.1592	-0.3632
0.625	*******	*******	-0.0862	-0.1625	-0.3678
0.650	-0.2287	-0.1642	-0.0964	-0.1688	-0.3674
0.675	*******	-0.1812	-0.1057	-0.1726	-0.3611
0.700	-0.2432	-0.1988	-0.1187	-0.1796	-0.3505
0.725	*******	-0.2186	*******	-0.1894	-0.3220
0.750	-0.2511	-0.2396	*******	-0.1981	-0.2609
0.775	*******	-0.2639	-0.1772	-0.2131	-0.2058
0.800	-0.2562	-0.2885	-0.2067	-0.2303	*******
0.825	*******	-0.3117	-0.2433	-0.2496	-0.2238
0.850	-0.2565	-0.3345	-0.2889	-0.2908	-0.2359
0.875	*******	-0.3534	-0.3304	-0.3390	-0.3041
0.900	-0.2560	-0.3695	-0.3740	-0.4002	-0.5371
0.925	*******	-0.3854	-0.4121	-0.4570	-0.7317
0.950	-0.2591	-0.3954	-0.4535	-0.5142	-0.6564
0.975	*******	-0.4357	-0.4924	-0.5619	-0.6379
1.000	-0.1281	-0.3760	-0.4027	-0.6750	-0.5746
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0781	0.0895	0.1528	*******	-0.3935
-0.400	0.0693	0.0945	0.1158	-0.0311	-0.5712
-0.600	0.0738	0.0887	0.1012	-0.0085	-0.6953
-0.700	0.0909	0.0830	0.0977	0.0063	-0.7083
-0.800	0.1224	0.0914	0.0928	0.0196	-0.6493
-0.850	0.1473	0.1114	0.0961	0.0234	-0.6613
-0.900	*******	0.1429	0.1200	0.0402	-0.6698
-0.950	0.2107	0.1894	0.1706	0.0979	-0.2628
-0.975	*******	0.2074	0.1957	0.1411	-0.0804
-1.000	-0.1102	-0.3430	-0.5758	-0.6047	-0.4669



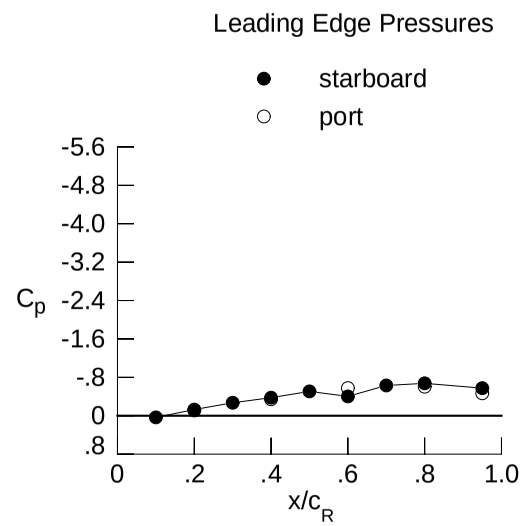
Medium Radius L.E.

Run No. = 7 , Point No. = 133

C_N = 0.205, C_m = -0.0377

α = 5.2 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

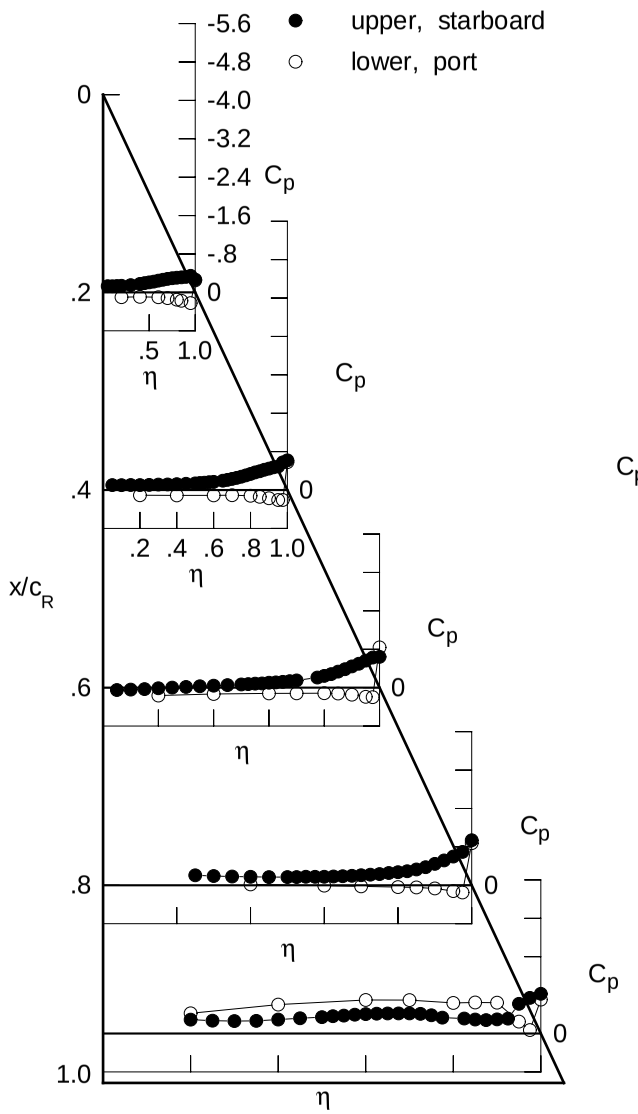


x/c_R	starb'd C_p	port C_p
0.10	0.0346	*******
0.20	-0.1281	-0.1102
0.30	-0.2701	*******
0.40	-0.3760	-0.3430
0.50	-0.5070	*******
0.60	-0.4027	-0.5758
0.70	-0.6301	*******
0.80	-0.6750	-0.6047
0.90	*******	*******
0.95	-0.5746	-0.4669

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	-0.1299	-0.1034	0.0498	*******	*******
0.100	-0.1281	-0.1019	0.0409	*******	*******
0.150	-0.1329	-0.1050	0.0300	*******	*******
0.200	-0.1376	-0.1034	0.0126	*******	-0.2891
0.250	*******	-0.1069	-0.0011	-0.2077	-0.2671
0.300	-0.1514	-0.1140	-0.0141	-0.1930	-0.2592
0.350	*******	-0.1163	-0.0286	-0.1820	-0.2635
0.400	-0.1764	-0.1223	-0.0404	-0.1771	-0.2906
0.450	-0.1930	-0.1302	-0.0526	-0.1706	-0.3179
0.500	-0.2092	-0.1383	-0.0663	-0.1708	-0.3409
0.525	*******	-0.1464	-0.0736	-0.1712	-0.3608
0.550	-0.2240	-0.1528	-0.0832	-0.1772	-0.3725
0.575	*******	-0.1630	-0.0874	-0.1766	-0.3921
0.600	-0.2449	-0.1702	-0.1026	-0.1775	-0.4042
0.625	*******	*******	-0.1100	-0.1834	-0.4130
0.650	-0.2629	-0.1946	-0.1209	-0.1887	-0.4177
0.675	*******	-0.2122	-0.1349	-0.1976	-0.4182
0.700	-0.2815	-0.2316	-0.1504	-0.2095	-0.4188
0.725	*******	-0.2534	*******	-0.2210	-0.4093
0.750	-0.2951	-0.2776	*******	-0.2338	-0.3797
0.775	*******	-0.3054	-0.2107	-0.2562	-0.3307
0.800	-0.3055	-0.3352	-0.2451	-0.2730	*******
0.825	*******	-0.3669	-0.2814	-0.2929	-0.3122
0.850	-0.3136	-0.3910	-0.3336	-0.3298	-0.2914
0.875	*******	-0.4226	-0.3842	-0.3768	-0.2794
0.900	-0.3235	-0.4468	-0.4424	-0.4463	-0.2941
0.925	*******	-0.4736	-0.4975	-0.5180	-0.3092
0.950	-0.3454	-0.4901	-0.5632	-0.5984	-0.6184
0.975	*******	-0.5768	-0.6266	-0.6954	-0.7421
1.000	-0.2661	-0.6181	-0.6415	-0.9384	-0.8276
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0998	0.1084	0.1648	*******	-0.4208
-0.400	0.0925	0.1118	0.1323	-0.0182	-0.6025
-0.600	0.1009	0.1113	0.1198	0.0070	-0.6984
-0.700	0.1189	0.1076	0.1186	0.0223	-0.6962
-0.800	0.1516	0.1195	0.1159	0.0377	-0.6372
-0.850	0.1743	0.1409	0.1225	0.0449	-0.6463
-0.900	*******	0.1712	0.1467	0.0660	-0.6421
-0.950	0.2235	0.2081	0.1911	0.1206	-0.2478
-0.975	*******	0.2075	0.1984	0.1498	-0.0718
-1.000	-0.2501	-0.5808	-0.8383	-0.8768	-0.7067

Surface Pressures



Medium Radius L.E.

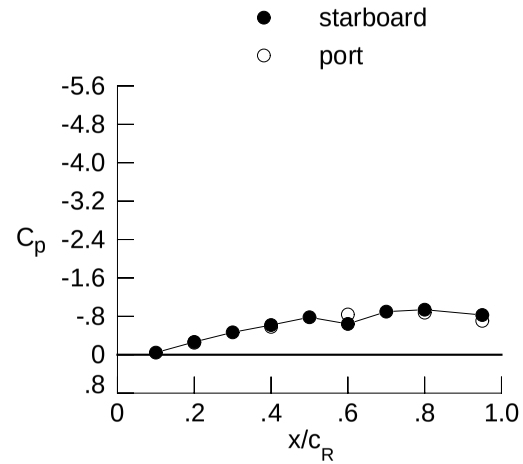
Run No. = 7 , Point No. = 134

C_N = 0.249, C_m = -0.0457

α = 6.2 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

Leading Edge Pressures

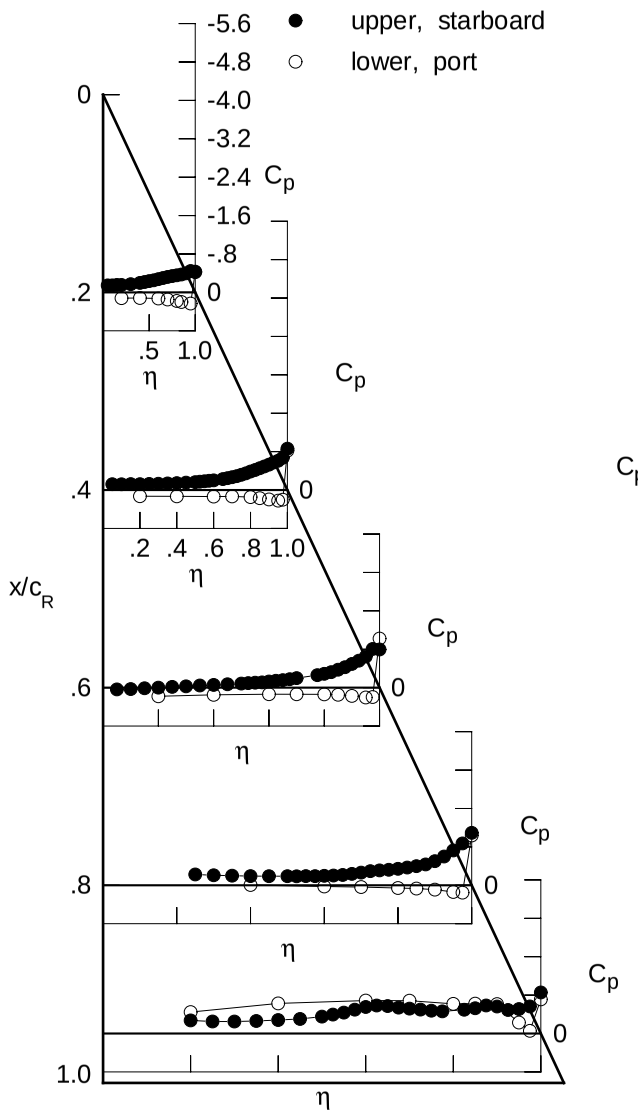


x/c_R	starb'd C_p	port C_p
0.10	-0.0438	*******
0.20	-0.2661	-0.2501
0.30	-0.4664	*******
0.40	-0.6181	-0.5808
0.50	-0.7806	*******
0.60	-0.6415	-0.8383
0.70	-0.8973	*******
0.80	-0.9384	-0.8768
0.90	*******	*******
0.95	-0.8276	-0.7067

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	-0.1467	-0.1219	0.0369	*******	*******
0.100	-0.1464	-0.1201	0.0293	*******	*******
0.150	-0.1549	-0.1243	0.0127	*******	*******
0.200	-0.1553	-0.1224	0.0000	*******	-0.2727
0.250	*******	-0.1270	-0.0157	-0.2253	-0.2500
0.300	-0.1714	-0.1316	-0.0271	-0.2085	-0.2494
0.350	*******	-0.1375	-0.0446	-0.2000	-0.2612
0.400	-0.1975	-0.1443	-0.0564	-0.1913	-0.2808
0.450	-0.2164	-0.1542	-0.0702	-0.1899	-0.3035
0.500	-0.2351	-0.1640	-0.0848	-0.1893	-0.3519
0.525	*******	-0.1737	-0.0945	-0.1869	-0.3947
0.550	-0.2519	-0.1823	-0.1036	-0.1910	-0.4352
0.575	*******	-0.1931	-0.1099	-0.1907	-0.4965
0.600	-0.2762	-0.2016	-0.1281	-0.1973	-0.5530
0.625	*******	*******	-0.1428	-0.2032	-0.5831
0.650	-0.2991	-0.2282	-0.1561	-0.2155	-0.5717
0.675	*******	-0.2475	-0.1760	-0.2380	-0.5395
0.700	-0.3216	-0.2675	-0.1983	-0.2644	-0.5184
0.725	*******	-0.2889	*******	-0.2945	-0.4985
0.750	-0.3397	-0.3176	*******	-0.3104	-0.4749
0.775	*******	-0.3477	-0.2603	-0.3232	-0.4617
0.800	-0.3559	-0.3856	-0.2884	-0.3429	*******
0.825	*******	-0.4174	-0.3222	-0.3693	-0.4952
0.850	-0.3727	-0.4546	-0.3733	-0.3983	-0.5268
0.875	*******	-0.4910	-0.4253	-0.4346	-0.5837
0.900	-0.3965	-0.5291	-0.4936	-0.5020	-0.5624
0.925	*******	-0.5724	-0.5617	-0.5992	-0.4906
0.950	-0.4459	-0.6106	-0.6465	-0.7252	-0.5100
0.975	*******	-0.6717	-0.8056	-0.8722	-0.5641
1.000	-0.4320	-0.8613	-0.7952	-1.0928	-0.8550
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1201	0.1291	0.1802	*******	-0.4463
-0.400	0.1171	0.1312	0.1494	-0.0061	-0.6269
-0.600	0.1275	0.1356	0.1372	0.0250	-0.6864
-0.700	0.1478	0.1327	0.1380	0.0370	-0.6840
-0.800	0.1788	0.1469	0.1398	0.0570	-0.6179
-0.850	0.2003	0.1692	0.1480	0.0677	-0.6224
-0.900	*******	0.1962	0.1719	0.0902	-0.6125
-0.950	0.2321	0.2208	0.2047	0.1392	-0.2292
-0.975	*******	0.2006	0.1949	0.1532	-0.0560
-1.000	-0.4207	-0.8209	-1.0224	-1.0374	-0.7109

Surface Pressures



Medium Radius L.E.

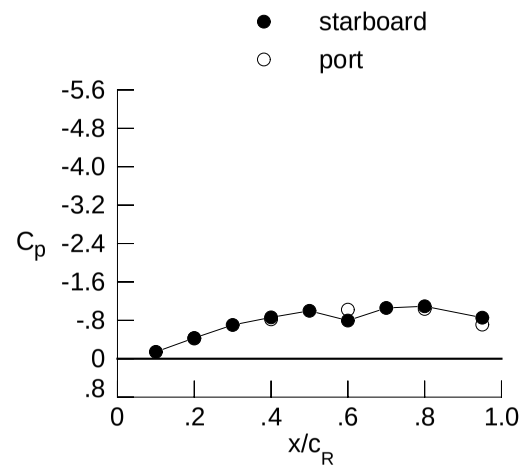
Run No. = 7 , Point No. = 135

C_N = 0.301, C_m = -0.0576

α = 7.3 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

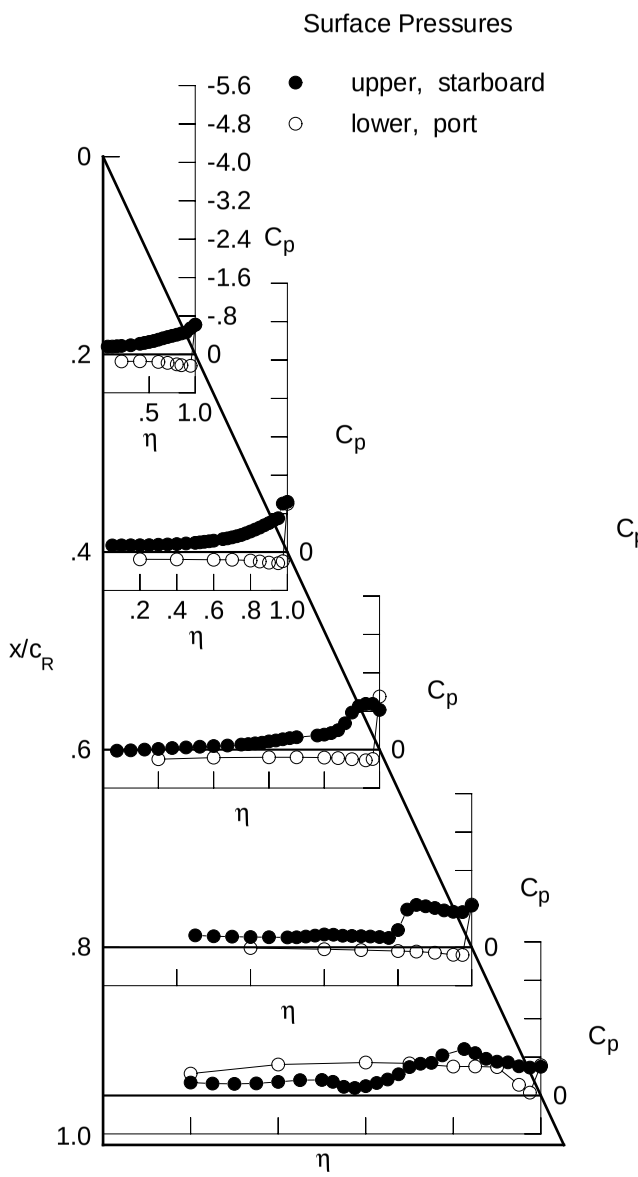
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.1428	*******
0.20	-0.4320	-0.4207
0.30	-0.7030	*******
0.40	-0.8613	-0.8209
0.50	-0.9983	*******
0.60	-0.7952	-1.0224
0.70	-1.0574	*******
0.80	-1.0928	-1.0374
0.90	*******	*******
0.95	-0.8550	-0.7109

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	-0.1626	-0.1380	0.0218	*******	*******
0.100	-0.1629	-0.1389	0.0142	*******	*******
0.150	-0.1707	-0.1409	-0.0010	*******	*******
0.200	-0.1758	-0.1413	-0.0147	*******	-0.2695
0.250	*******	-0.1435	-0.0336	-0.2483	-0.2492
0.300	-0.1900	-0.1517	-0.0458	-0.2299	-0.2424
0.350	*******	-0.1577	-0.0606	-0.2217	-0.2523
0.400	-0.2206	-0.1660	-0.0753	-0.2135	-0.2836
0.450	-0.2391	-0.1780	-0.0855	-0.2095	-0.3200
0.500	-0.2592	-0.1915	-0.1056	-0.2059	-0.3242
0.525	*******	-0.2012	-0.1150	-0.2079	-0.2852
0.550	-0.2796	-0.2132	-0.1314	-0.2230	-0.1808
0.575	*******	-0.2242	-0.1438	-0.2431	-0.1570
0.600	-0.3063	-0.2365	-0.1723	-0.2670	-0.1950
0.625	*******	*******	-0.1910	-0.2615	-0.2604
0.650	-0.3349	-0.2686	-0.2164	-0.2406	-0.3335
0.675	*******	-0.2845	-0.2389	-0.2356	-0.4425
0.700	-0.3613	-0.3059	-0.2582	-0.2308	-0.5924
0.725	*******	-0.3284	*******	-0.2243	-0.6618
0.750	-0.3866	-0.3556	*******	-0.2132	-0.6799
0.775	*******	-0.3902	-0.2942	-0.1943	-0.8357
0.800	-0.4099	-0.4279	-0.3130	-0.3595	*******
0.825	*******	-0.4683	-0.3446	-0.7858	-0.9678
0.850	-0.4367	-0.5096	-0.4060	-0.8823	-0.8834
0.875	*******	-0.5575	-0.5491	-0.8541	-0.7645
0.900	-0.4584	-0.6033	-0.7720	-0.8186	-0.7049
0.925	*******	-0.6584	-0.9073	-0.7684	-0.6904
0.950	-0.5451	-0.7038	-0.9539	-0.7388	-0.6088
0.975	*******	-1.0094	-0.9531	-0.7331	-0.5814
1.000	-0.6202	-1.0453	-0.8279	-0.8678	-0.5993
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1466	0.1520	0.1995	*******	-0.4556
-0.400	0.1436	0.1536	0.1666	0.0148	-0.6456
-0.600	0.1570	0.1607	0.1593	0.0410	-0.6872
-0.700	0.1768	0.1604	0.1591	0.0581	-0.6691
-0.800	0.2072	0.1775	0.1655	0.0781	-0.6031
-0.850	0.2256	0.1979	0.1760	0.0894	-0.6055
-0.900	*******	0.2207	0.1991	0.1135	-0.5917
-0.950	0.2377	0.2327	0.2227	0.1559	-0.2234
-0.975	*******	0.1910	0.1952	0.1595	-0.0602
-1.000	-0.6144	-1.0036	-1.1062	-0.8889	-0.6310



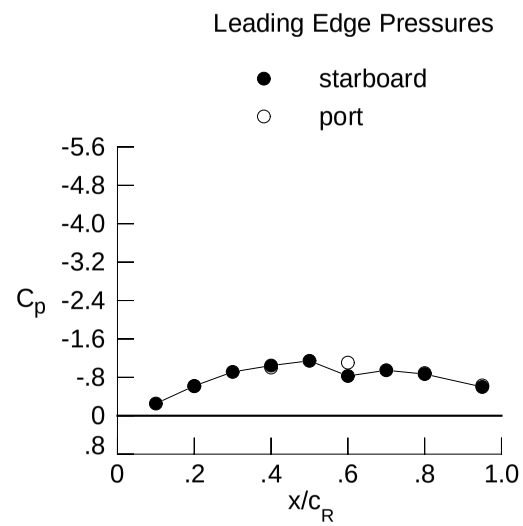
Medium Radius L.E.

Run No. = 7 , Point No. = 136

C_N = 0.362, C_m = -0.0716

α = 8.3 °, M_∞ = 0.850

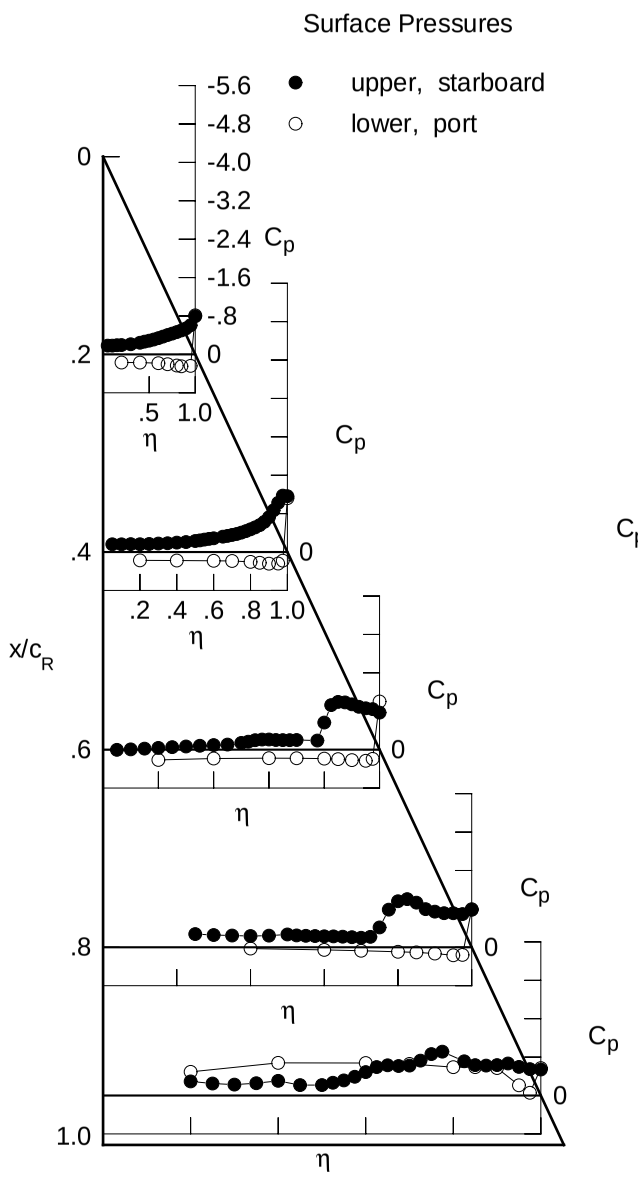
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.2533	*******
0.20	-0.6202	-0.6144
0.30	-0.9127	*******
0.40	-1.0453	-1.0036
0.50	-1.1442	*******
0.60	-0.8279	-1.1062
0.70	-0.9468	*******
0.80	-0.8678	-0.8889
0.90	*******	*******
0.95	-0.5993	-0.6310

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	-0.1825	-0.1613	0.0039	*******	*******
0.100	-0.1824	-0.1605	-0.0052	*******	*******
0.150	-0.1913	-0.1647	-0.0206	*******	*******
0.200	-0.1941	-0.1623	-0.0359	*******	-0.2940
0.250	*******	-0.1681	-0.0523	-0.2754	-0.2498
0.300	-0.2112	-0.1764	-0.0655	-0.2555	-0.2269
0.350	*******	-0.1834	-0.0811	-0.2450	-0.2563
0.400	-0.2426	-0.1958	-0.0954	-0.2344	-0.3053
0.450	-0.2653	-0.2080	-0.1058	-0.2425	-0.2164
0.500	-0.2860	-0.2295	-0.1396	-0.2670	-0.2176
0.525	*******	-0.2423	-0.1654	-0.2471	-0.2655
0.550	-0.3094	-0.2593	-0.1970	-0.2392	-0.3145
0.575	*******	-0.2744	-0.2102	-0.2346	-0.3900
0.600	-0.3387	-0.2865	-0.2114	-0.2284	-0.4877
0.625	*******	*******	-0.2011	-0.2273	-0.5932
0.650	-0.3704	-0.3199	-0.1983	-0.2209	-0.6300
0.675	*******	-0.3362	-0.1979	-0.2106	-0.6147
0.700	-0.4028	-0.3558	-0.2011	-0.1986	-0.6234
0.725	*******	-0.3760	*******	-0.2176	-0.7262
0.750	-0.4325	-0.4042	*******	-0.4138	-0.8631
0.775	*******	-0.4360	-0.1896	-0.7843	-0.9134
0.800	-0.4650	-0.4739	-0.5636	-0.9593	*******
0.825	*******	-0.5138	-0.9281	-1.0034	-0.7127
0.850	-0.4996	-0.5609	-0.9947	-0.9299	-0.6329
0.875	*******	-0.6285	-0.9843	-0.7943	-0.6230
0.900	-0.5415	-0.7241	-0.9442	-0.7426	-0.6332
0.925	*******	-0.8685	-0.8930	-0.7106	-0.6672
0.950	-0.6069	-1.0257	-0.8614	-0.7099	-0.5963
0.975	*******	-1.1751	-0.8442	-0.6917	-0.5497
1.000	-0.7941	-1.1633	-0.7709	-0.7811	-0.5412
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1692	0.1733	0.2146	*******	-0.4927
-0.400	0.1701	0.1769	0.1850	0.0267	-0.6801
-0.600	0.1834	0.1824	0.1776	0.0542	-0.6768
-0.700	0.2045	0.1863	0.1796	0.0717	-0.6585
-0.800	0.2321	0.2047	0.1869	0.0939	-0.5901
-0.850	0.2479	0.2238	0.1979	0.1065	-0.5910
-0.900	*******	0.2423	0.2184	0.1304	-0.5717
-0.950	0.2389	0.2402	0.2323	0.1665	-0.2131
-0.975	*******	0.1791	0.1924	0.1581	-0.0568
-1.000	-0.8132	-1.1212	-1.0026	-0.7933	-0.5715



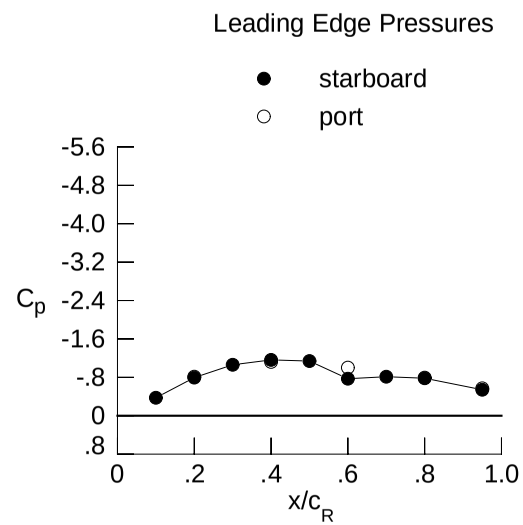
Medium Radius L.E.

Run No. = 7 , Point No. = 137

C_N = 0.420, C_m = -0.0834

α = 9.3 °, M_∞ = 0.851

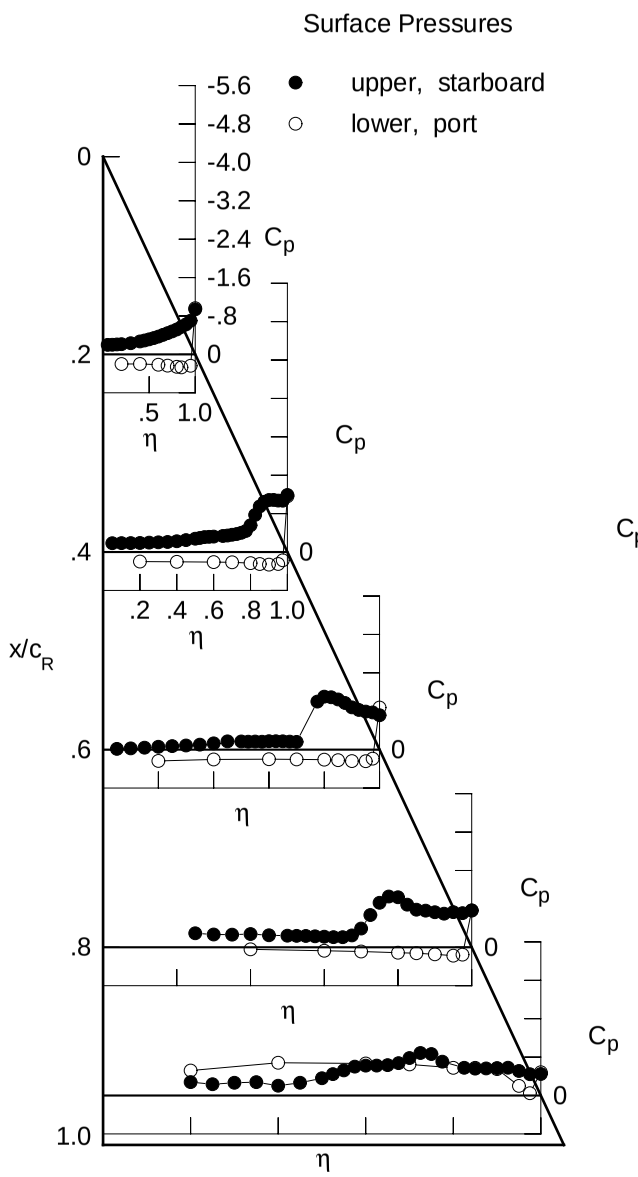
R_{mac} = 6.0×10^6



x/c_R	starb'd Cp	port Cp
0.10	-0.3741	*******
0.20	-0.7941	-0.8132
0.30	-1.0612	*******
0.40	-1.1633	-1.1212
0.50	-1.1390	*******
0.60	-0.7709	-1.0026
0.70	-0.8128	*******
0.80	-0.7811	-0.7933
0.90	*******	*******
0.95	-0.5412	-0.5715

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	-0.1981	-0.1844	-0.0159	*******	*******
0.100	-0.2006	-0.1855	-0.0263	*******	*******
0.150	-0.2074	-0.1867	-0.0407	*******	*******
0.200	-0.2131	-0.1892	-0.0596	*******	-0.2790
0.250	*******	-0.1960	-0.0738	-0.2917	-0.2349
0.300	-0.2327	-0.2027	-0.0867	-0.2665	-0.2655
0.350	*******	-0.2094	-0.1037	-0.2635	-0.2781
0.400	-0.2698	-0.2248	-0.1311	-0.2763	-0.2040
0.450	-0.2892	-0.2489	-0.1732	-0.2504	-0.2652
0.500	-0.3136	-0.2772	-0.1704	-0.2414	-0.3598
0.525	*******	-0.2927	-0.1653	-0.2386	-0.4453
0.550	-0.3398	-0.3109	-0.1687	-0.2358	-0.5228
0.575	*******	-0.3166	-0.1646	-0.2289	-0.6017
0.600	-0.3708	-0.3218	-0.1761	-0.2208	-0.6222
0.625	*******	*******	-0.1756	-0.2115	-0.6234
0.650	-0.4067	-0.3344	-0.1736	-0.2104	-0.6325
0.675	*******	-0.3440	-0.1669	-0.2471	-0.6744
0.700	-0.4425	-0.3600	-0.1615	-0.3907	-0.7809
0.725	*******	-0.3754	*******	-0.6717	-0.8860
0.750	-0.4795	-0.4012	*******	-0.9275	-0.8637
0.775	*******	-0.4388	-1.0011	-1.0579	-0.7049
0.800	-0.5190	-0.5579	-1.1042	-1.0422	*******
0.825	*******	-0.7738	-1.0911	-0.8877	-0.5776
0.850	-0.5728	-0.9503	-1.0458	-0.7835	-0.5601
0.875	*******	-1.0466	-0.9720	-0.7631	-0.5637
0.900	-0.6244	-1.0840	-0.8808	-0.7302	-0.5717
0.925	*******	-1.0858	-0.8269	-0.6996	-0.5794
0.950	-0.7016	-1.0723	-0.7927	-0.7321	-0.5110
0.975	*******	-1.0692	-0.7750	-0.7111	-0.4439
1.000	-0.9383	-1.1890	-0.7170	-0.7687	-0.4479
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2008	0.1987	0.2355	*******	-0.5199
-0.400	0.1988	0.2036	0.2044	0.0425	-0.6826
-0.600	0.2149	0.2097	0.1990	0.0723	-0.6670
-0.700	0.2345	0.2140	0.2031	0.0882	-0.6479
-0.800	0.2585	0.2312	0.2089	0.1131	-0.5766
-0.850	0.2701	0.2493	0.2195	0.1238	-0.5768
-0.900	*******	0.2620	0.2384	0.1463	-0.5506
-0.950	0.2367	0.2490	0.2405	0.1744	-0.2001
-0.975	*******	0.1720	0.1876	0.1531	-0.0484
-1.000	-0.9623	-1.1614	-0.8770	-0.7653	-0.4848



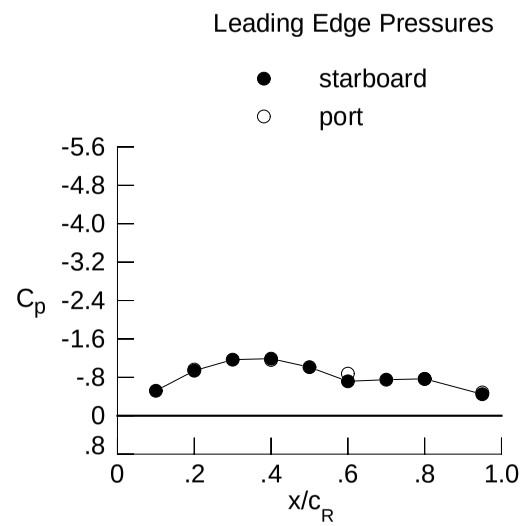
Medium Radius L.E.

Run No. = 7 , Point No. = 138

C_N = 0.474, C_m = -0.0903

α = 10.4 °, M_∞ = 0.849

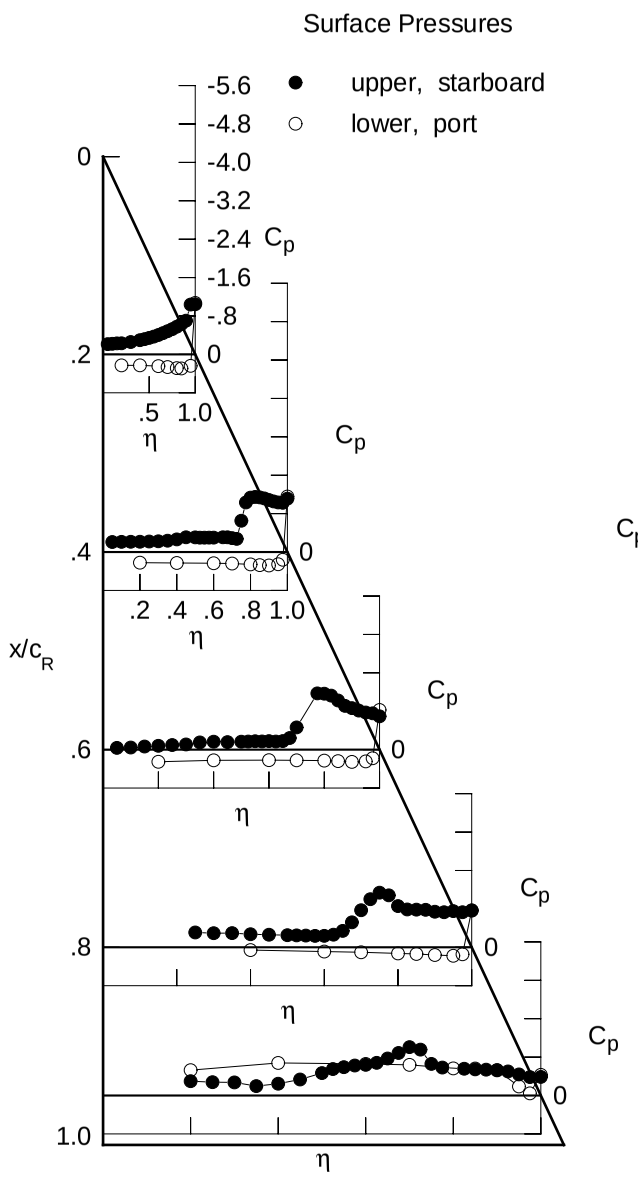
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.5197	*******
0.20	-0.9383	-0.9623
0.30	-1.1683	*******
0.40	-1.1890	-1.1614
0.50	-1.0120	*******
0.60	-0.7170	-0.8770
0.70	-0.7508	*******
0.80	-0.7687	-0.7653
0.90	*******	*******
0.95	-0.4479	-0.4848

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	-0.2136	-0.2085	-0.0369	*******	*******
0.100	-0.2207	-0.2116	-0.0442	*******	*******
0.150	-0.2293	-0.2134	-0.0648	*******	*******
0.200	-0.2315	-0.2147	-0.0797	*******	-0.2983
0.250	*******	-0.2190	-0.0957	-0.3087	-0.2779
0.300	-0.2580	-0.2242	-0.1084	-0.2940	-0.2732
0.350	*******	-0.2357	-0.1508	-0.2953	-0.1963
0.400	-0.2957	-0.2630	-0.1657	-0.2722	-0.2454
0.450	-0.3175	-0.3069	-0.1567	-0.2612	-0.3339
0.500	-0.3430	-0.3054	-0.1652	-0.2518	-0.4674
0.525	*******	-0.2993	-0.1685	-0.2480	-0.5513
0.550	-0.3702	-0.2993	-0.1750	-0.2440	-0.5904
0.575	*******	-0.2998	-0.1701	-0.2375	-0.6248
0.600	-0.4036	-0.2999	-0.1776	-0.2381	-0.6393
0.625	*******	*******	-0.1686	-0.2624	-0.6806
0.650	-0.4428	-0.3071	-0.1780	-0.3416	-0.7708
0.675	*******	-0.3071	-0.2422	-0.5201	-0.8865
0.700	-0.4831	-0.2898	-0.4633	-0.7723	-1.0084
0.725	*******	-0.2743	*******	-1.0014	-0.9560
0.750	-0.5256	-0.6523	*******	-1.1377	-0.6581
0.775	*******	-1.0327	-1.1717	-1.0825	-0.5828
0.800	-0.5768	-1.1332	-1.1652	-0.8586	*******
0.825	*******	-1.1484	-1.1257	-0.7883	-0.5575
0.850	-0.6317	-1.1387	-1.0242	-0.7838	-0.5445
0.875	*******	-1.1169	-0.9118	-0.7808	-0.5384
0.900	-0.7027	-1.0843	-0.8652	-0.7408	-0.5237
0.925	*******	-1.0547	-0.8132	-0.7306	-0.5017
0.950	-1.0388	-1.0329	-0.7740	-0.7539	-0.4390
0.975	*******	-1.0259	-0.7564	-0.7305	-0.3839
1.000	-1.0448	-1.1120	-0.6948	-0.7640	-0.3875
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.2291	0.2215	0.2526	*******	-0.5282
-0.400	0.2279	0.2283	0.2226	0.0580	-0.6785
-0.600	0.2450	0.2333	0.2188	0.0890	-0.6578
-0.700	0.2641	0.2400	0.2227	0.1037	-0.6384
-0.800	0.2865	0.2572	0.2284	0.1276	-0.5652
-0.850	0.2929	0.2725	0.2391	0.1392	-0.5626
-0.900	*******	0.2800	0.2548	0.1607	-0.5307
-0.950	0.2386	0.2541	0.2445	0.1765	-0.1887
-0.975	*******	0.1610	0.1793	0.1458	-0.0447
-1.000	-1.0724	-1.1560	-0.8266	-0.7705	-0.4303



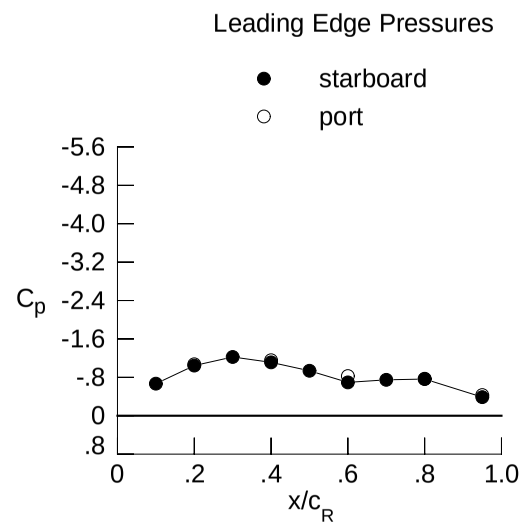
Medium Radius L.E.

Run No. = 7 , Point No. = 139

C_N = 0.529, C_m = -0.0986

α = 11.4 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

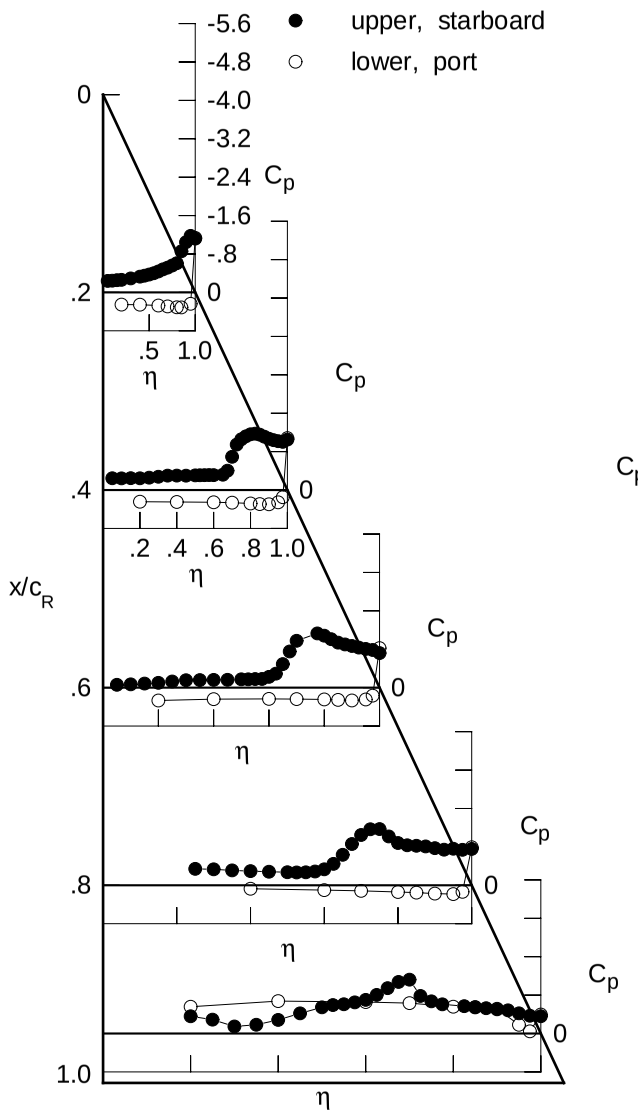


x/c_R	starb'd C_p	port C_p
0.10	-0.6679	*******
0.20	-1.0448	-1.0724
0.30	-1.2240	*******
0.40	-1.1120	-1.1560
0.50	-0.9365	*******
0.60	-0.6948	-0.8266
0.70	-0.7479	*******
0.80	-0.7640	-0.7705
0.90	*******	*******
0.95	-0.3875	-0.4303

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	-0.2392	-0.2459	-0.0591	*******	*******
0.100	-0.2436	-0.2429	-0.0692	*******	*******
0.150	-0.2544	-0.2470	-0.0846	*******	*******
0.200	-0.2617	-0.2451	-0.1000	*******	-0.3590
0.250	*******	-0.2579	-0.1279	-0.3423	-0.2889
0.300	-0.2915	-0.2766	-0.1544	-0.3326	-0.1467
0.350	*******	-0.3003	-0.1577	-0.3100	-0.1826
0.400	-0.3278	-0.3009	-0.1617	-0.2952	-0.2832
0.450	-0.3480	-0.2989	-0.1633	-0.2827	-0.4198
0.500	-0.3719	-0.3054	-0.1738	-0.2719	-0.5454
0.525	*******	-0.3077	-0.1739	-0.2674	-0.5928
0.550	-0.3995	-0.3097	-0.1792	-0.2700	-0.6093
0.575	*******	-0.3120	-0.1812	-0.2873	-0.6490
0.600	-0.4361	-0.3105	-0.2249	-0.3325	-0.7011
0.625	*******	*******	-0.2908	-0.4462	-0.8042
0.650	-0.4799	-0.3188	-0.4907	-0.6349	-0.9448
0.675	*******	-0.4030	-0.7534	-0.8597	-1.0740
0.700	-0.5150	-0.6927	-0.9757	-1.0483	-1.1213
0.725	*******	-0.9470	*******	-1.1669	-0.7825
0.750	-0.5603	-1.0575	*******	-1.1716	-0.6700
0.775	*******	-1.1194	-1.1299	-1.0178	-0.6082
0.800	-0.6077	-1.1615	-1.0820	-0.8812	*******
0.825	*******	-1.1746	-1.0100	-0.8333	-0.5699
0.850	-0.8568	-1.1534	-0.9380	-0.8228	-0.5443
0.875	*******	-1.1115	-0.9000	-0.8094	-0.5269
0.900	-1.0457	-1.0688	-0.8678	-0.7737	-0.5039
0.925	*******	-1.0394	-0.8345	-0.7418	-0.4835
0.950	-1.1780	-1.0174	-0.8064	-0.7617	-0.4205
0.975	*******	-1.0036	-0.7849	-0.7392	-0.3701
1.000	-1.1200	-1.0516	-0.7203	-0.7580	-0.3604
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2542	0.2433	0.2679	*******	-0.5573
-0.400	0.2564	0.2489	0.2397	0.0722	-0.6754
-0.600	0.2736	0.2548	0.2345	0.1004	-0.6556
-0.700	0.2920	0.2636	0.2387	0.1157	-0.6329
-0.800	0.3100	0.2800	0.2458	0.1400	-0.5582
-0.850	0.3130	0.2925	0.2552	0.1531	-0.5514
-0.900	*******	0.2971	0.2671	0.1732	-0.5153
-0.950	0.2372	0.2563	0.2463	0.1832	-0.1817
-0.975	*******	0.1493	0.1667	0.1360	-0.0453
-1.000	-1.1363	-1.0824	-0.8231	-0.7930	-0.3954

Surface Pressures



Medium Radius L.E.

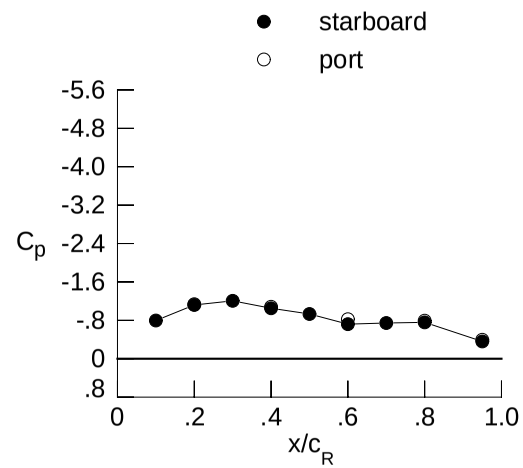
Run No. = 7 , Point No. = 140

C_N = 0.585, C_m = -0.1089

α = 12.4 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

Leading Edge Pressures

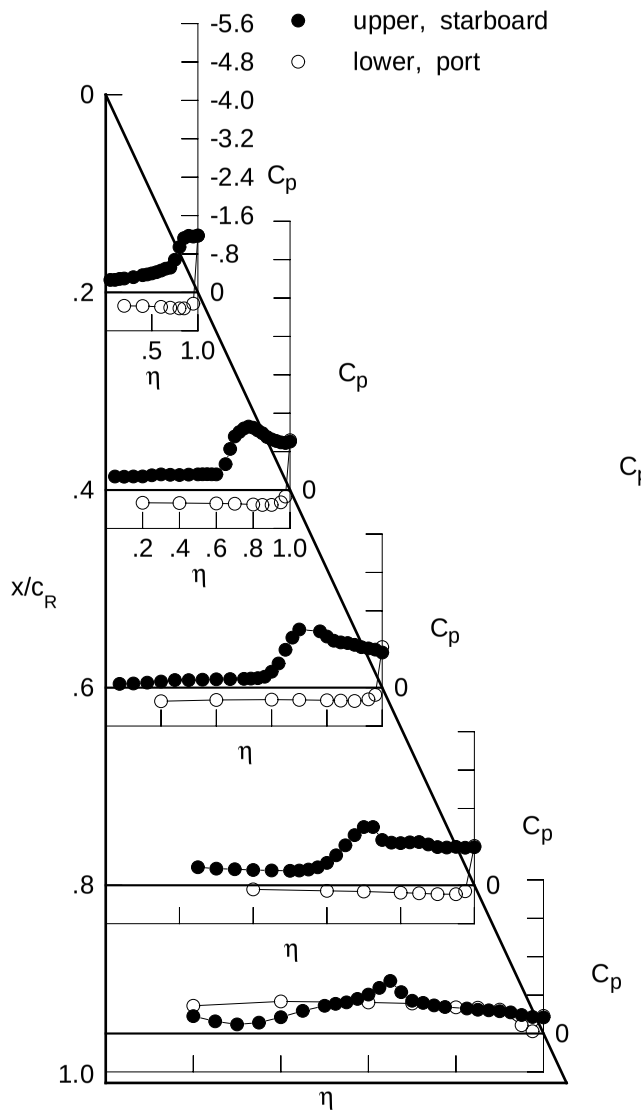


x/c_R	starb'd C_p	port C_p
0.10	-0.7956	*******
0.20	-1.1200	-1.1363
0.30	-1.2062	*******
0.40	-1.0516	-1.0824
0.50	-0.9324	*******
0.60	-0.7203	-0.8231
0.70	-0.7443	*******
0.80	-0.7580	-0.7930
0.90	*******	*******
0.95	-0.3604	-0.3954

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	-0.2599	-0.2819	-0.0787	*******	*******
0.100	-0.2611	-0.2774	-0.0860	*******	*******
0.150	-0.2804	-0.2821	-0.1040	*******	*******
0.200	-0.2889	-0.2828	-0.1275	*******	-0.3616
0.250	*******	-0.3071	-0.1583	-0.3760	-0.2539
0.300	-0.3165	-0.3254	-0.1567	-0.3468	-0.1893
0.350	*******	-0.3174	-0.1656	-0.3345	-0.2264
0.400	-0.3584	-0.3130	-0.1738	-0.3181	-0.3396
0.450	-0.3739	-0.3207	-0.1782	-0.3087	-0.4721
0.500	-0.3951	-0.3263	-0.1836	-0.3018	-0.5773
0.525	*******	-0.3291	-0.1889	-0.3072	-0.6181
0.550	-0.4206	-0.3306	-0.1980	-0.3277	-0.6490
0.575	*******	-0.3279	-0.2271	-0.3746	-0.7211
0.600	-0.4545	-0.3260	-0.3321	-0.4668	-0.8115
0.625	*******	*******	-0.5035	-0.6251	-0.9507
0.650	-0.4934	-0.5396	-0.7887	-0.8324	-1.0951
0.675	*******	-0.8560	-1.0418	-1.0450	-0.8616
0.700	-0.5151	-1.1157	-1.2115	-1.2134	-0.6823
0.725	*******	-1.2086	*******	-1.2139	-0.6379
0.750	-0.6800	-1.2829	*******	-0.9437	-0.5854
0.775	*******	-1.3222	-1.1732	-0.8877	-0.5520
0.800	-0.9447	-1.2993	-1.0646	-0.8788	*******
0.825	*******	-1.2421	-0.9772	-0.8940	-0.5210
0.850	-1.1308	-1.1834	-0.9425	-0.9005	-0.4955
0.875	*******	-1.1048	-0.9289	-0.8500	-0.4833
0.900	-1.1782	-1.0554	-0.8918	-0.7961	-0.4638
0.925	*******	-1.0226	-0.8432	-0.7865	-0.4398
0.950	-1.1625	-0.9926	-0.8179	-0.8007	-0.3853
0.975	*******	-0.9801	-0.7920	-0.7827	-0.3447
1.000	-1.1860	-1.0096	-0.7308	-0.7936	-0.3353
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2802	0.2655	0.2832	*******	-0.5776
-0.400	0.2848	0.2713	0.2569	0.0855	-0.6683
-0.600	0.3016	0.2793	0.2496	0.1159	-0.6470
-0.700	0.3189	0.2860	0.2553	0.1295	-0.6252
-0.800	0.3330	0.3013	0.2636	0.1542	-0.5454
-0.850	0.3324	0.3106	0.2703	0.1664	-0.5375
-0.900	*******	0.3096	0.2783	0.1849	-0.4976
-0.950	0.2349	0.2558	0.2441	0.1858	-0.1725
-0.975	*******	0.1356	0.1501	0.1238	-0.0467
-1.000	-1.1803	-1.0374	-0.8446	-0.8197	-0.3674

Surface Pressures



Medium Radius L.E.

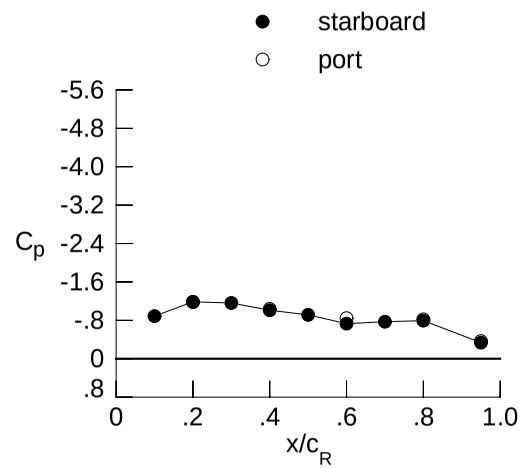
Run No. = 7 , Point No. = 141

C_N = 0.632, C_m = -0.1104

α = 13.4 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

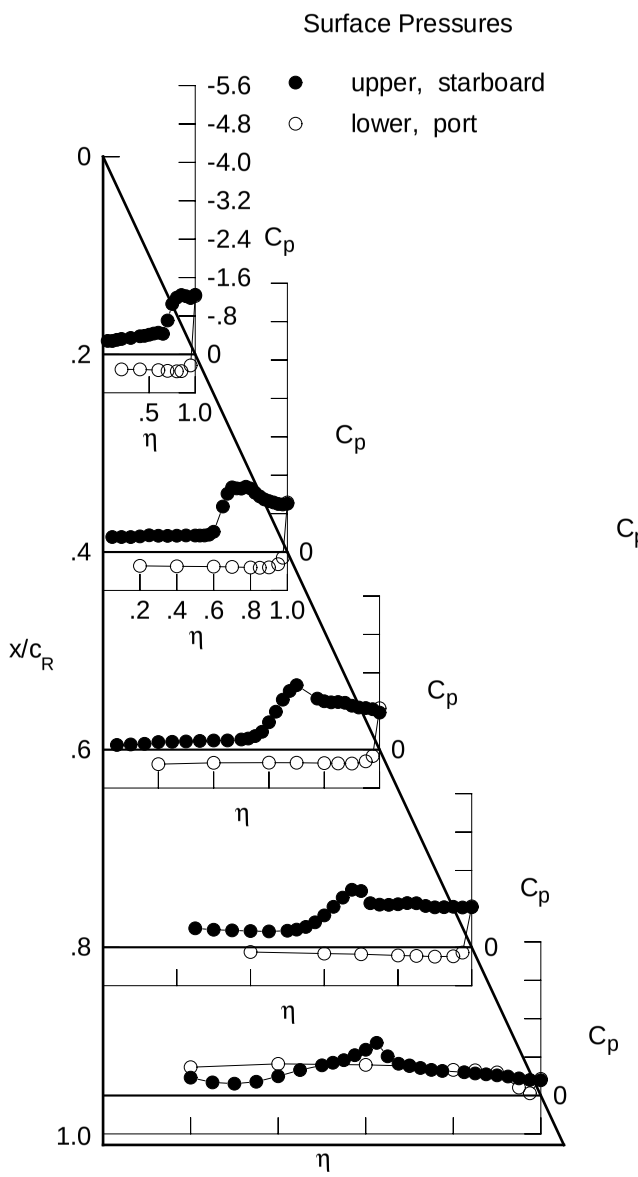
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8872	*******
0.20	-1.1860	-1.1803
0.30	-1.1614	*******
0.40	-1.0096	-1.0374
0.50	-0.9143	*******
0.60	-0.7308	-0.8446
0.70	-0.7714	*******
0.80	-0.7936	-0.8197
0.90	*******	*******
0.95	-0.3353	-0.3674

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	-0.2809	-0.3131	-0.0972	*******	*******
0.100	-0.2794	-0.3126	-0.1077	*******	*******
0.150	-0.3031	-0.3122	-0.1214	*******	*******
0.200	-0.3218	-0.3256	-0.1586	*******	-0.3716
0.250	*******	-0.3486	-0.1630	-0.3949	-0.2730
0.300	-0.3427	-0.3392	-0.1702	-0.3652	-0.2466
0.350	*******	-0.3369	-0.1813	-0.3520	-0.2860
0.400	-0.3779	-0.3401	-0.1907	-0.3382	-0.4011
0.450	-0.3866	-0.3456	-0.1918	-0.3302	-0.5307
0.500	-0.4097	-0.3437	-0.2110	-0.3450	-0.6287
0.525	*******	-0.3432	-0.2312	-0.3677	-0.6821
0.550	-0.4339	-0.3451	-0.2824	-0.4242	-0.7358
0.575	*******	-0.3614	-0.3719	-0.5199	-0.8399
0.600	-0.4520	-0.4224	-0.5706	-0.6640	-0.9539
0.625	*******	*******	-0.7903	-0.8434	-1.0964
0.650	-0.4286	-0.9479	-1.0406	-1.0343	-0.8169
0.675	*******	-1.2147	-1.2227	-1.1983	-0.6618
0.700	-0.7065	-1.3475	-1.3429	-1.1724	-0.6266
0.725	*******	-1.3254	*******	-0.9181	-0.5738
0.750	-1.0497	-1.3204	*******	-0.8882	-0.5334
0.775	*******	-1.3599	-1.0631	-0.8844	-0.5123
0.800	-1.1827	-1.3241	-1.0078	-0.8967	*******
0.825	*******	-1.2336	-0.9859	-0.9208	-0.4848
0.850	-1.2370	-1.1583	-0.9918	-0.9179	-0.4594
0.875	*******	-1.0964	-0.9760	-0.8606	-0.4417
0.900	-1.2118	-1.0605	-0.9148	-0.8320	-0.4200
0.925	*******	-1.0331	-0.8778	-0.8351	-0.3956
0.950	-1.1747	-1.0012	-0.8668	-0.8442	-0.3565
0.975	*******	-0.9916	-0.8423	-0.8287	-0.3240
1.000	-1.2407	-1.0061	-0.7709	-0.8347	-0.3176
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3131	0.2881	0.3027	*******	-0.5895
-0.400	0.3131	0.2978	0.2747	0.0988	-0.6593
-0.600	0.3283	0.3035	0.2712	0.1309	-0.6385
-0.700	0.3431	0.3104	0.2728	0.1446	-0.6137
-0.800	0.3528	0.3224	0.2805	0.1707	-0.5336
-0.850	0.3487	0.3275	0.2871	0.1803	-0.5247
-0.900	*******	0.3197	0.2895	0.1952	-0.4811
-0.950	0.2298	0.2534	0.2430	0.1878	-0.1656
-0.975	*******	0.1177	0.1344	0.1101	-0.0465
-1.000	-1.2161	-1.0321	-0.8622	-0.8521	-0.3454



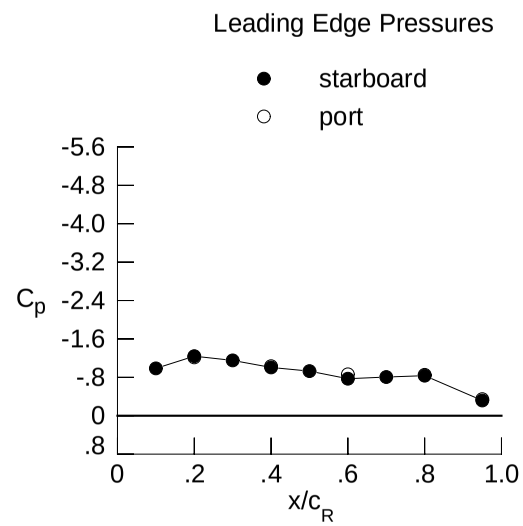
Medium Radius L.E.

Run No. = 7 , Point No. = 142

C_N = 0.683, C_m = -0.1175

α = 14.5 °, M_∞ = 0.850

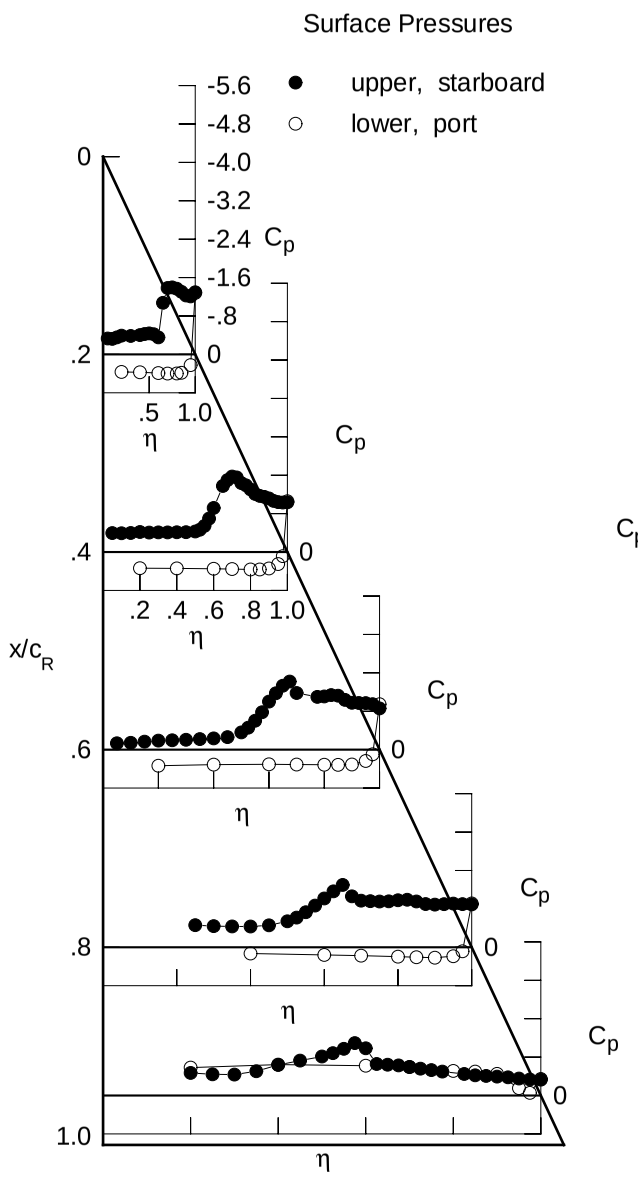
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.9861	*******
0.20	-1.2407	-1.2161
0.30	-1.1525	*******
0.40	-1.0061	-1.0321
0.50	-0.9294	*******
0.60	-0.7709	-0.8622
0.70	-0.8060	*******
0.80	-0.8347	-0.8521
0.90	*******	*******
0.95	-0.3176	-0.3454

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	-0.3312	-0.3953	-0.1331	*******	*******
0.100	-0.3228	-0.3910	-0.1425	*******	*******
0.150	-0.3541	-0.3970	-0.1663	*******	*******
0.200	-0.3901	-0.4174	-0.1879	*******	-0.4702
0.250	*******	-0.4058	-0.1955	-0.4611	-0.4418
0.300	-0.3842	-0.4098	-0.2053	-0.4406	-0.4362
0.350	*******	-0.4087	-0.2203	-0.4346	-0.5056
0.400	-0.4026	-0.4118	-0.2348	-0.4328	-0.6368
0.450	-0.4243	-0.4137	-0.2608	-0.4575	-0.7269
0.500	-0.4374	-0.4280	-0.3589	-0.5415	-0.8125
0.525	*******	-0.4646	-0.4578	-0.6183	-0.8827
0.550	-0.4200	-0.5438	-0.6026	-0.7308	-0.9731
0.575	*******	-0.6976	-0.7792	-0.8691	-1.0918
0.600	-0.3541	-0.9180	-1.0005	-1.0166	-0.9841
0.625	*******	*******	-1.1748	-1.1660	-0.6571
0.650	-1.0747	-1.3764	-1.3308	-1.2995	-0.6417
0.675	*******	-1.4992	-1.4185	-1.0613	-0.6273
0.700	-1.3836	-1.5727	-1.1803	-0.9712	-0.5948
0.725	*******	-1.5541	*******	-0.9604	-0.5592
0.750	-1.3962	-1.4366	*******	-0.9537	-0.5299
0.775	*******	-1.3903	-1.0994	-0.9580	-0.4987
0.800	-1.3677	-1.3046	-1.1083	-0.9802	*******
0.825	*******	-1.2102	-1.1365	-0.9902	-0.4490
0.850	-1.3043	-1.1697	-1.1238	-0.9544	-0.4204
0.875	*******	-1.1486	-1.0371	-0.9011	-0.4078
0.900	-1.2275	-1.1168	-0.9764	-0.8890	-0.3935
0.925	*******	-1.0655	-0.9721	-0.8987	-0.3792
0.950	-1.2080	-1.0402	-0.9693	-0.9105	-0.3535
0.975	*******	-1.0311	-0.9474	-0.8993	-0.3333
1.000	-1.2947	-1.0356	-0.8595	-0.8939	-0.3307
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3660	0.3367	0.3353	*******	-0.5813
-0.400	0.3728	0.3408	0.3123	0.1297	-0.6442
-0.600	0.3885	0.3489	0.3054	0.1592	-0.6206
-0.700	0.3993	0.3545	0.3105	0.1742	-0.5929
-0.800	0.3978	0.3636	0.3141	0.1950	-0.5123
-0.850	0.3833	0.3630	0.3167	0.2072	-0.4984
-0.900	*******	0.3421	0.3092	0.2165	-0.4514
-0.950	0.2230	0.2501	0.2362	0.1862	-0.1530
-0.975	*******	0.0857	0.0968	0.0833	-0.0553
-1.000	-1.2799	-1.0588	-0.9466	-0.9137	-0.3445



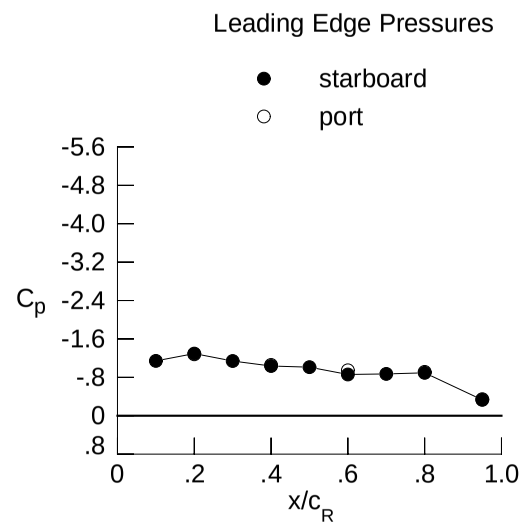
Medium Radius L.E.

Run No. = 7 , Point No. = 143

C_N = 0.788, C_m = -0.1311

α = 16.5 °, M_∞ = 0.849

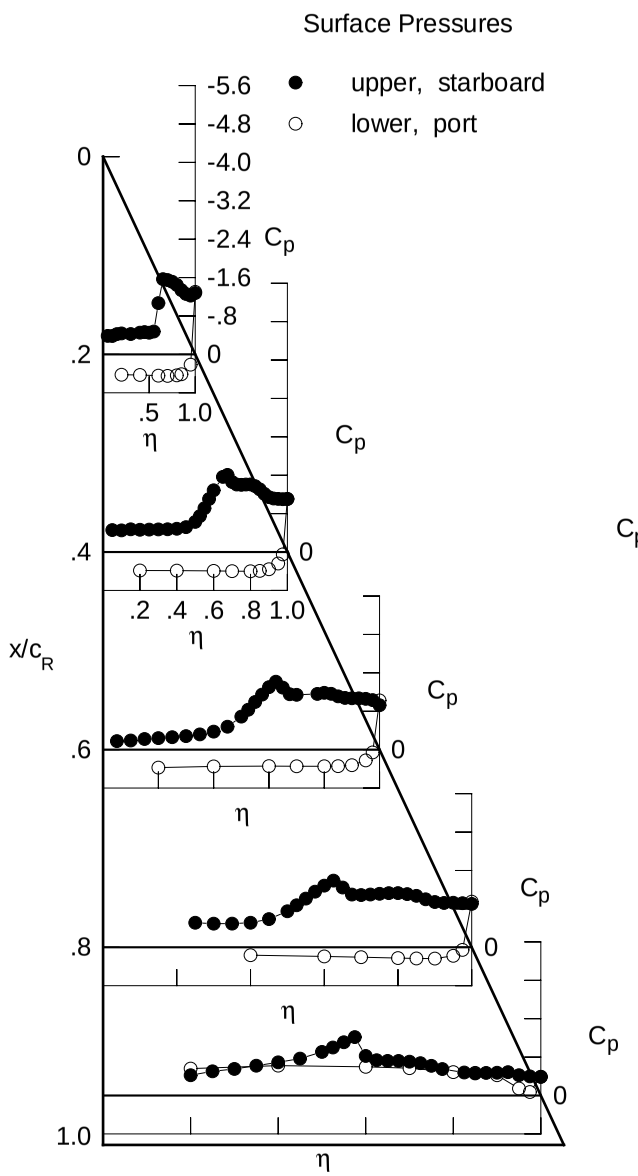
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.1422	*******
0.20	-1.2947	-1.2799
0.30	-1.1398	*******
0.40	-1.0356	-1.0588
0.50	-1.0118	*******
0.60	-0.8595	-0.9466
0.70	-0.8708	*******
0.80	-0.8939	-0.9137
0.90	*******	*******
0.95	-0.3307	-0.3445

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	-0.3857	-0.4578	-0.1777	*******	*******
0.100	-0.3834	-0.4510	-0.1905	*******	*******
0.150	-0.4224	-0.4736	-0.2218	*******	*******
0.200	-0.4364	-0.4641	-0.2398	*******	-0.4225
0.250	*******	-0.4670	-0.2589	-0.5108	-0.5038
0.300	-0.4239	-0.4711	-0.2817	-0.4924	-0.5532
0.350	*******	-0.4748	-0.3177	-0.4931	-0.6210
0.400	-0.4530	-0.4844	-0.3749	-0.5111	-0.6914
0.450	-0.4648	-0.5182	-0.4773	-0.5871	-0.7691
0.500	-0.4513	-0.6276	-0.6882	-0.7507	-0.9077
0.525	*******	-0.7479	-0.8315	-0.8751	-1.0002
0.550	-0.4757	-0.9125	-0.9930	-1.0148	-1.1096
0.575	*******	-1.1044	-1.1465	-1.1582	-1.2166
0.600	-1.0691	-1.2865	-1.3013	-1.2842	-0.8243
0.625	*******	*******	-1.4150	-1.3885	-0.7356
0.650	-1.5675	-1.5656	-1.2920	-1.2447	-0.7209
0.675	*******	-1.6069	-1.1545	-1.0988	-0.7202
0.700	-1.5488	-1.4594	-1.1423	-1.0879	-0.7046
0.725	*******	-1.4062	*******	-1.0988	-0.6739
0.750	-1.5124	-1.3997	*******	-1.1144	-0.6184
0.775	*******	-1.4065	-1.1605	-1.1279	-0.5509
0.800	-1.4471	-1.4089	-1.1843	-1.1290	*******
0.825	*******	-1.3730	-1.1632	-1.1082	-0.4788
0.850	-1.3380	-1.3054	-1.1106	-1.0717	-0.4601
0.875	*******	-1.2132	-1.0779	-0.9996	-0.4706
0.900	-1.2591	-1.1430	-1.0707	-0.9433	-0.4744
0.925	*******	-1.1151	-1.0685	-0.9231	-0.4861
0.950	-1.2238	-1.1069	-1.0580	-0.9281	-0.4229
0.975	*******	-1.1004	-1.0323	-0.9182	-0.3982
1.000	-1.2779	-1.1031	-0.9253	-0.9039	-0.3884
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4237	0.3848	0.3741	*******	-0.5606
-0.400	0.4292	0.3870	0.3495	0.1646	-0.6226
-0.600	0.4432	0.3929	0.3431	0.1906	-0.5978
-0.700	0.4483	0.3988	0.3463	0.2064	-0.5692
-0.800	0.4366	0.4009	0.3467	0.2246	-0.4869
-0.850	0.4133	0.3930	0.3437	0.2331	-0.4719
-0.900	*******	0.3581	0.3239	0.2354	-0.4225
-0.950	0.2139	0.2394	0.2242	0.1777	-0.1458
-0.975	*******	0.0488	0.0574	0.0545	-0.0725
-1.000	-1.3023	-1.1078	-1.0254	-0.9502	-0.3907



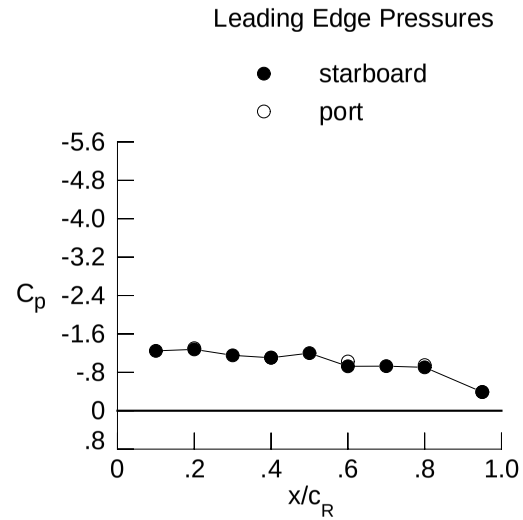
Medium Radius L.E.

Run No. = 7 , Point No. = 144

C_N = 0.910, C_m = -0.1580

α = 18.5 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

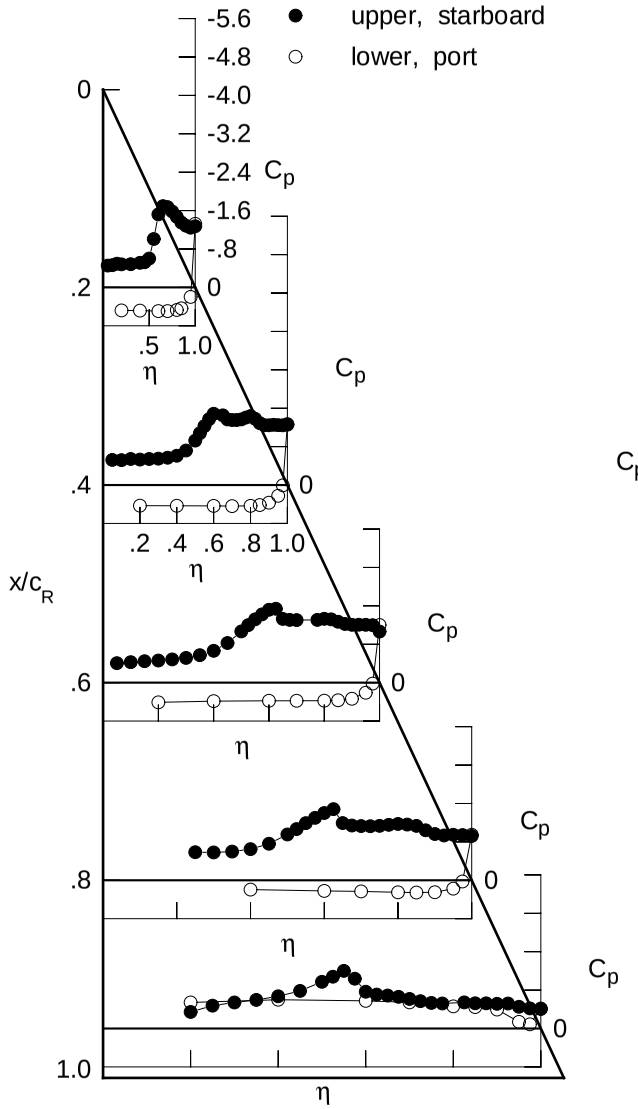


x/c_R	starb'd C_p	port C_p
0.10	-1.2472	*******
0.20	-1.2779	-1.3023
0.30	-1.1539	*******
0.40	-1.1031	-1.1078
0.50	-1.2000	*******
0.60	-0.9253	-1.0254
0.70	-0.9288	*******
0.80	-0.9039	-0.9502
0.90	*******	*******
0.95	-0.3884	-0.3907

Table E1. Continued.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.4543	-0.5233	-0.4056	*******	*******
0.100	-0.4625	-0.5184	-0.4267	*******	*******
0.150	-0.4939	-0.5432	-0.4463	*******	*******
0.200	-0.4801	-0.5302	-0.4609	*******	-0.3449
0.250	*******	-0.5421	-0.4839	-0.5851	-0.4761
0.300	-0.4829	-0.5498	-0.5149	-0.5800	-0.5425
0.350	*******	-0.5688	-0.5722	-0.5981	-0.5960
0.400	-0.5122	-0.6107	-0.6628	-0.6486	-0.6714
0.450	-0.5232	-0.7191	-0.8255	-0.7613	-0.7832
0.500	-0.6009	-0.9259	-1.0670	-0.9545	-0.9731
0.525	*******	-1.0788	-1.1976	-1.0671	-1.0795
0.550	-1.0081	-1.2283	-1.3187	-1.1907	-1.2004
0.575	*******	-1.3718	-1.4224	-1.3010	-1.0376
0.600	-1.5206	-1.4844	-1.5181	-1.4017	-0.7661
0.625	*******	*******	-1.5393	-1.4823	-0.7075
0.650	-1.6925	-1.4518	-1.3281	-1.1919	-0.6870
0.675	*******	-1.3662	-1.3074	-1.1407	-0.6598
0.700	-1.6728	-1.3540	-1.3033	-1.1294	-0.6160
0.725	*******	-1.3542	*******	-1.1266	-0.5696
0.750	-1.5807	-1.3676	*******	-1.1343	-0.5326
0.775	*******	-1.4056	-1.3072	-1.1551	-0.5217
0.800	-1.4697	-1.4377	-1.3297	-1.1734	*******
0.825	*******	-1.3803	-1.3184	-1.1610	-0.5441
0.850	-1.3504	-1.2890	-1.2692	-1.1335	-0.5256
0.875	*******	-1.2467	-1.2224	-1.0416	-0.5247
0.900	-1.2846	-1.2446	-1.2045	-0.9636	-0.5148
0.925	*******	-1.2552	-1.2066	-0.9334	-0.5212
0.950	-1.2428	-1.2469	-1.2046	-0.9488	-0.4529
0.975	*******	-1.2437	-1.1970	-0.9425	-0.4189
1.000	-1.2735	-1.2578	-1.0642	-0.9233	-0.4066
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4796	0.4297	0.4103	*******	-0.5424
-0.400	0.4840	0.4320	0.3857	0.1937	-0.5996
-0.600	0.4935	0.4347	0.3779	0.2216	-0.5763
-0.700	0.4936	0.4390	0.3778	0.2320	-0.5447
-0.800	0.4703	0.4334	0.3760	0.2503	-0.4614
-0.850	0.4369	0.4171	0.3673	0.2555	-0.4461
-0.900	*******	0.3679	0.3360	0.2489	-0.3955
-0.950	0.1985	0.2241	0.2099	0.1748	-0.1387
-0.975	*******	0.0067	0.0204	0.0247	-0.0875
-1.000	-1.3241	-1.2691	-1.2011	-0.9487	-0.4164

Surface Pressures



Medium Radius L.E.

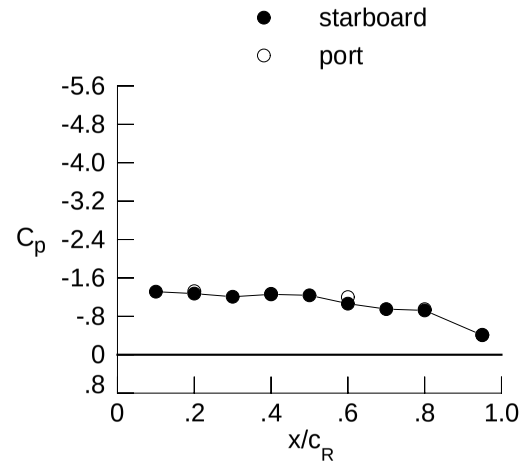
Run No. = 7 , Point No. = 145

C_N = 1.022, C_m = -0.1787

α = 20.6 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

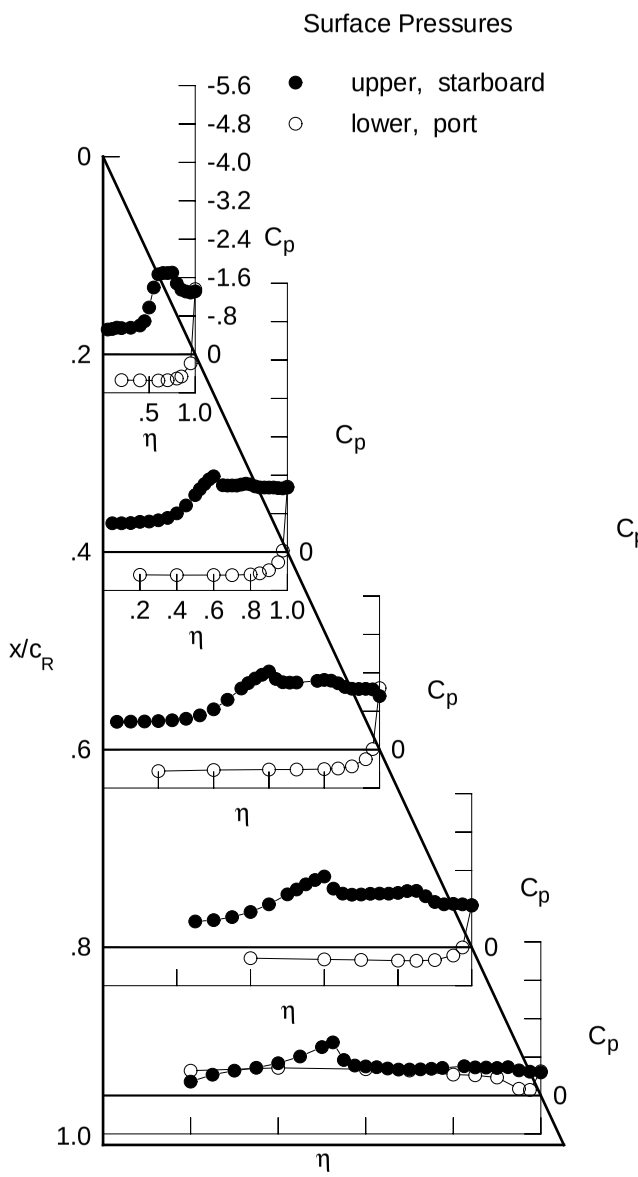
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3133	*******
0.20	-1.2735	-1.3241
0.30	-1.2081	*******
0.40	-1.2578	-1.2691
0.50	-1.2378	*******
0.60	-1.0642	-1.2011
0.70	-0.9507	*******
0.80	-0.9233	-0.9487
0.90	*******	*******
0.95	-0.4066	-0.4164

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	-0.5179	-0.5993	-0.5803	*******	*******
0.100	-0.5293	-0.5988	-0.5836	*******	*******
0.150	-0.5573	-0.6037	-0.5864	*******	*******
0.200	-0.5469	-0.6288	-0.5951	*******	-0.2889
0.250	*******	-0.6348	-0.6122	-0.5378	-0.4337
0.300	-0.5552	-0.6617	-0.6431	-0.5654	-0.5178
0.350	*******	-0.7105	-0.7138	-0.6287	-0.5780
0.400	-0.6013	-0.8058	-0.8400	-0.7351	-0.6724
0.450	-0.6923	-0.9703	-1.0391	-0.8945	-0.8128
0.500	-0.9765	-1.1863	-1.2734	-1.1027	-1.0086
0.525	*******	-1.3080	-1.3858	-1.2037	-1.1063
0.550	-1.3939	-1.4153	-1.4814	-1.3113	-0.7400
0.575	*******	-1.5128	-1.5597	-1.4013	-0.6243
0.600	-1.6677	-1.5774	-1.6279	-1.4748	-0.6056
0.625	*******	*******	-1.4724	-1.2213	-0.5896
0.650	-1.6956	-1.3910	-1.4044	-1.1173	-0.5625
0.675	*******	-1.3846	-1.3961	-1.0956	-0.5398
0.700	-1.6940	-1.3866	-1.3986	-1.0992	-0.5409
0.725	*******	-1.3845	*******	-1.1144	-0.5449
0.750	-1.7032	-1.4057	*******	-1.1185	-0.5568
0.775	*******	-1.4237	-1.4328	-1.1168	-0.5750
0.800	-1.4779	-1.4091	-1.4527	-1.1325	*******
0.825	*******	-1.3669	-1.4367	-1.1713	-0.6102
0.850	-1.3477	-1.3453	-1.3827	-1.1751	-0.5859
0.875	*******	-1.3437	-1.3059	-1.0632	-0.5825
0.900	-1.3099	-1.3431	-1.2689	-0.9436	-0.5733
0.925	*******	-1.3437	-1.2632	-0.8950	-0.5903
0.950	-1.2877	-1.3321	-1.2661	-0.9047	-0.5230
0.975	*******	-1.3259	-1.2556	-0.8940	-0.4961
1.000	-1.3136	-1.3424	-1.1160	-0.8677	-0.4805
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5356	0.4753	0.4474	*******	-0.5171
-0.400	0.5407	0.4811	0.4248	0.2269	-0.5757
-0.600	0.5450	0.4795	0.4150	0.2530	-0.5476
-0.700	0.5380	0.4817	0.4142	0.2636	-0.5197
-0.800	0.5029	0.4676	0.4059	0.2776	-0.4360
-0.850	0.4606	0.4440	0.3927	0.2808	-0.4216
-0.900	*******	0.3792	0.3488	0.2661	-0.3749
-0.950	0.1854	0.2127	0.1994	0.1717	-0.1397
-0.975	*******	-0.0298	-0.0119	0.0030	-0.1166
-1.000	-1.3591	-1.3607	-1.2816	-0.8795	-0.5042



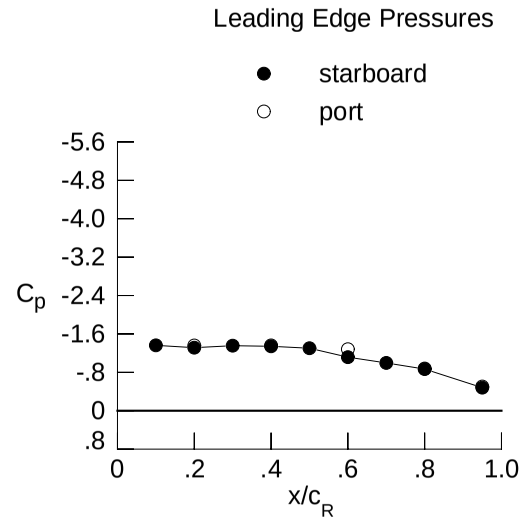
Medium Radius L.E.

Run No. = 7 , Point No. = 146

C_N = 1.075, C_m = -0.1836

α = 22.6 °, M_∞ = 0.850

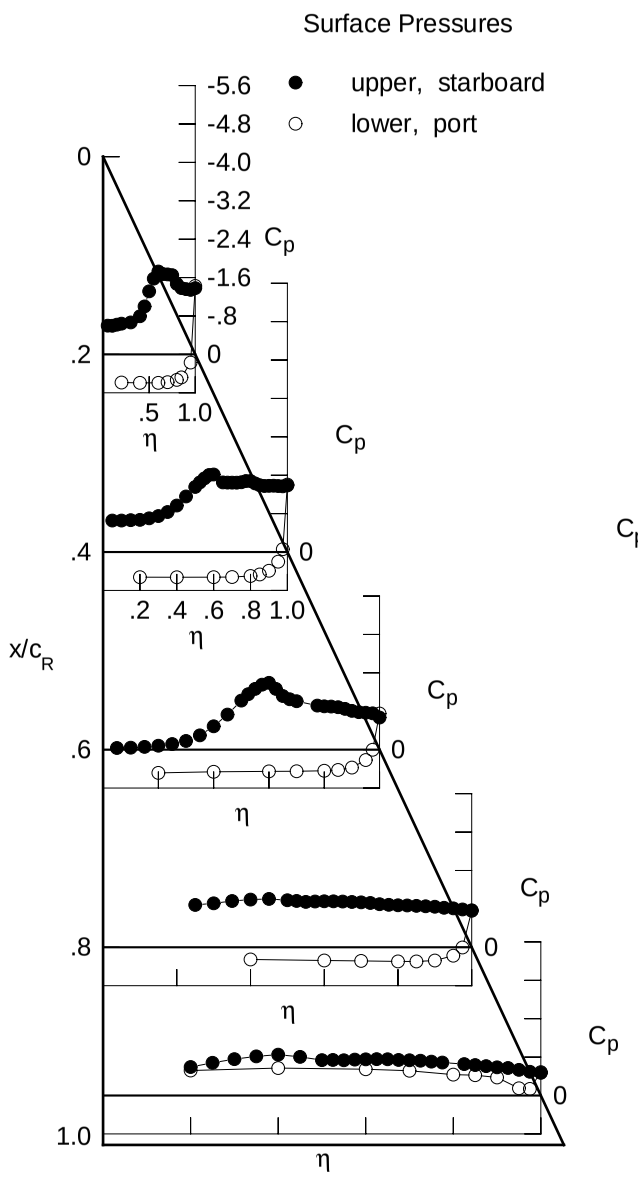
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.3623	*******
0.20	-1.3136	-1.3591
0.30	-1.3549	*******
0.40	-1.3424	-1.3607
0.50	-1.3021	*******
0.60	-1.1160	-1.2816
0.70	-0.9958	*******
0.80	-0.8677	-0.8795
0.90	*******	*******
0.95	-0.4805	-0.5042

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	-0.5983	-0.6563	-0.0342	*******	*******
0.100	-0.5963	-0.6563	-0.0411	*******	*******
0.150	-0.6190	-0.6642	-0.0577	*******	*******
0.200	-0.6401	-0.6702	-0.0814	*******	-0.5933
0.250	*******	-0.7028	-0.1169	-0.8827	-0.6815
0.300	-0.6657	-0.7493	-0.1809	-0.9157	-0.7578
0.350	*******	-0.8335	-0.2979	-0.9640	-0.8155
0.400	-0.7947	-0.9688	-0.4861	-0.9936	-0.8516
0.450	-0.9994	-1.1575	-0.7306	-1.0073	-0.8050
0.500	-1.3136	-1.3564	-1.0219	-0.9800	-0.7370
0.525	*******	-1.4506	-1.1549	-0.9658	-0.7411
0.550	-1.5781	-1.5343	-1.2656	-0.9458	-0.7346
0.575	*******	-1.6051	-1.3538	-0.9533	-0.7476
0.600	-1.7263	-1.6153	-1.3921	-0.9587	-0.7533
0.625	*******	*******	-1.2653	-0.9574	-0.7576
0.650	-1.6734	-1.4503	-1.1175	-0.9526	-0.7556
0.675	*******	-1.4463	-1.0493	-0.9442	-0.7409
0.700	-1.6663	-1.4453	-1.0090	-0.9361	-0.7346
0.725	*******	-1.4448	*******	-0.9233	-0.7247
0.750	-1.6507	-1.4536	*******	-0.8979	-0.7054
0.775	*******	-1.4790	-0.9174	-0.8847	-0.6861
0.800	-1.4691	-1.4791	-0.9026	-0.8751	*******
0.825	*******	-1.4293	-0.8976	-0.8715	-0.6548
0.850	-1.3812	-1.3918	-0.8843	-0.8629	-0.6344
0.875	*******	-1.3758	-0.8495	-0.8543	-0.6120
0.900	-1.3600	-1.3792	-0.8083	-0.8447	-0.5870
0.925	*******	-1.3814	-0.7809	-0.8236	-0.5736
0.950	-1.3442	-1.3756	-0.7688	-0.8110	-0.5346
0.975	*******	-1.3687	-0.7571	-0.7877	-0.4945
1.000	-1.3797	-1.3873	-0.6684	-0.7703	-0.4721
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5866	0.5240	0.4844	*******	-0.5205
-0.400	0.5928	0.5253	0.4615	0.2537	-0.5716
-0.600	0.5928	0.5237	0.4528	0.2752	-0.5474
-0.700	0.5790	0.5209	0.4505	0.2838	-0.5157
-0.800	0.5314	0.4996	0.4403	0.2944	-0.4349
-0.850	0.4796	0.4671	0.4232	0.2954	-0.4235
-0.900	*******	0.3902	0.3738	0.2761	-0.3761
-0.950	0.1693	0.2011	0.2168	0.1751	-0.1507
-0.975	*******	-0.0593	0.0022	0.0041	-0.1379
-1.000	-1.4257	-1.4047	-0.7518	-0.7607	-0.4868



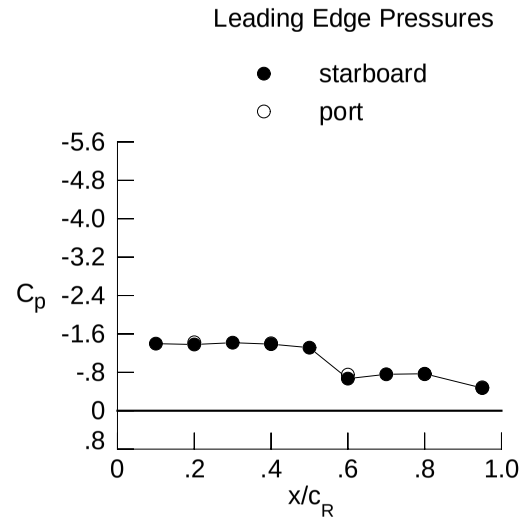
Medium Radius L.E.

Run No. = 7 , Point No. = 147

C_N = 1.122, C_m = -0.1916

α = 24.6 °, M_∞ = 0.850

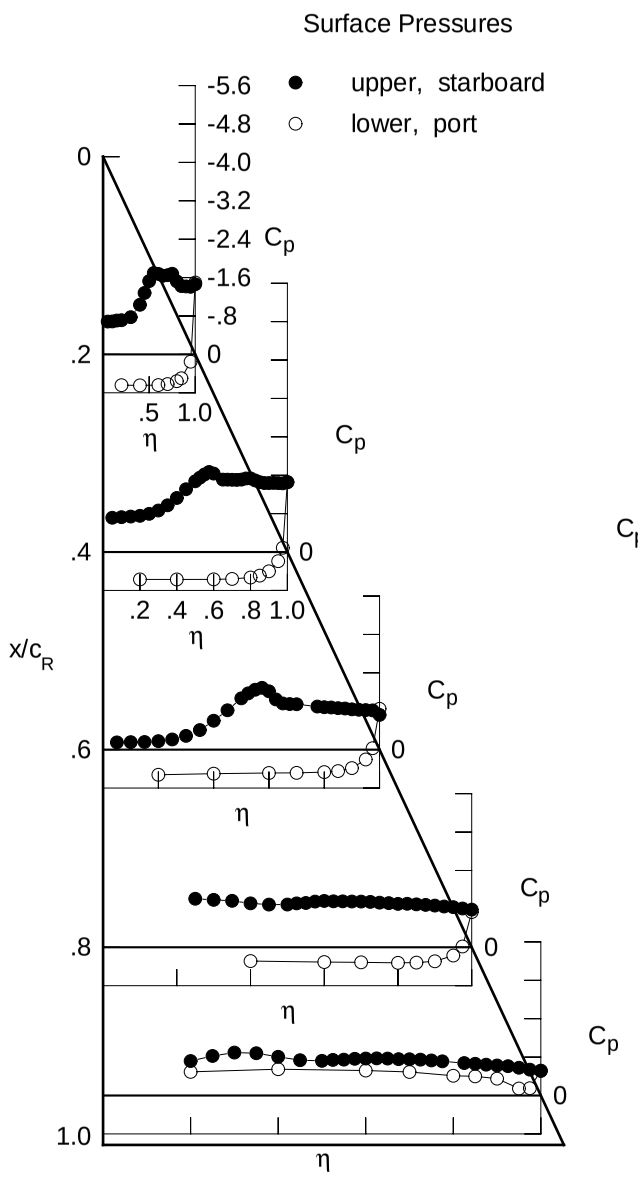
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.3976	*******
0.20	-1.3797	-1.4257
0.30	-1.4173	*******
0.40	-1.3873	-1.4047
0.50	-1.3138	*******
0.60	-0.6684	-0.7518
0.70	-0.7592	*******
0.80	-0.7703	-0.7607
0.90	*******	*******
0.95	-0.4721	-0.4868

Table E1. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6843	-0.7147	-0.1515	*******	*******
0.100	-0.6863	-0.7261	-0.1557	*******	*******
0.150	-0.7056	-0.7391	-0.1593	*******	*******
0.200	-0.7116	-0.7545	-0.1767	*******	-0.7182
0.250	*******	-0.7958	-0.2118	-1.0110	-0.8238
0.300	-0.7755	-0.8651	-0.2868	-0.9882	-0.8946
0.350	*******	-0.9735	-0.4080	-0.9680	-0.8811
0.400	-1.0335	-1.1265	-0.6026	-0.9149	-0.8064
0.450	-1.2803	-1.3079	-0.8202	-0.8893	-0.7355
0.500	-1.5264	-1.4739	-1.0684	-0.8907	-0.7224
0.525	*******	-1.5491	-1.1725	-0.9142	-0.7414
0.550	-1.6952	-1.6154	-1.2483	-0.9232	-0.7476
0.575	*******	-1.6676	-1.2882	-0.9523	-0.7645
0.600	-1.6767	-1.6341	-1.2149	-0.9658	-0.7704
0.625	*******	*******	-1.0468	-0.9576	-0.7734
0.650	-1.6380	-1.5087	-0.9621	-0.9568	-0.7697
0.675	*******	-1.5080	-0.9500	-0.9536	-0.7579
0.700	-1.6494	-1.5057	-0.9458	-0.9523	-0.7554
0.725	*******	-1.5035	*******	-0.9454	-0.7472
0.750	-1.6799	-1.5087	*******	-0.9299	-0.7300
0.775	*******	-1.5326	-0.8977	-0.9203	-0.7123
0.800	-1.5215	-1.5347	-0.8836	-0.9037	*******
0.825	*******	-1.4924	-0.8783	-0.9067	-0.6758
0.850	-1.4235	-1.4552	-0.8640	-0.8944	-0.6610
0.875	*******	-1.4376	-0.8567	-0.8830	-0.6428
0.900	-1.4159	-1.4379	-0.8396	-0.8685	-0.6254
0.925	*******	-1.4411	-0.8303	-0.8494	-0.6112
0.950	-1.4078	-1.4371	-0.8243	-0.8362	-0.5788
0.975	*******	-1.4308	-0.8187	-0.8082	-0.5380
1.000	-1.4611	-1.4523	-0.7243	-0.7848	-0.5120
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6418	0.5703	0.5234	*******	-0.4928
-0.400	0.6457	0.5713	0.5008	0.2873	-0.5478
-0.600	0.6394	0.5697	0.4865	0.3080	-0.5201
-0.700	0.6180	0.5605	0.4839	0.3139	-0.4904
-0.800	0.5573	0.5308	0.4682	0.3236	-0.4115
-0.850	0.4976	0.4915	0.4462	0.3189	-0.3996
-0.900	*******	0.4012	0.3852	0.2918	-0.3514
-0.950	0.1516	0.1901	0.2050	0.1721	-0.1457
-0.975	*******	-0.0889	-0.0302	-0.0170	-0.1516
-1.000	-1.4961	-1.4600	-0.8503	-0.7334	-0.5185



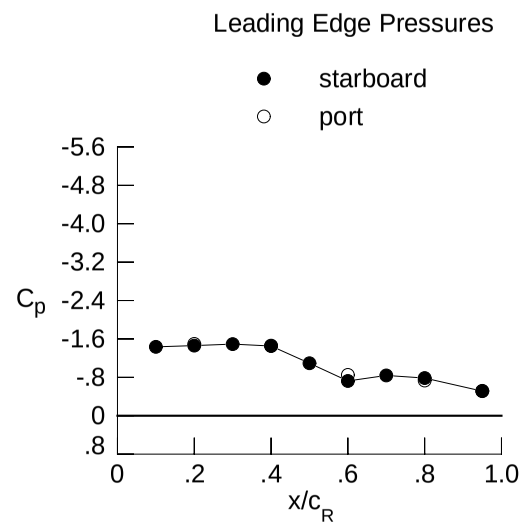
Medium Radius L.E.

Run No. = 7 , Point No. = 148

C_N = 1.196, C_m = -0.2047

α = 26.6 °, M_∞ = 0.849

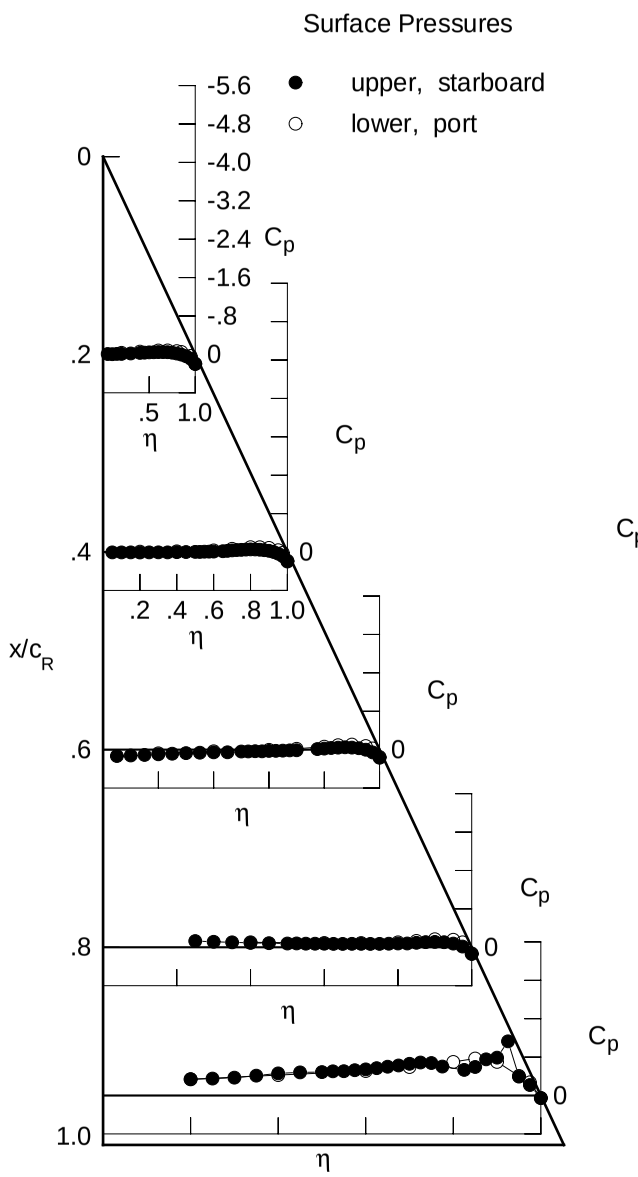
R_{mac} = 6.0×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.4349	*******
0.20	-1.4611	-1.4961
0.30	-1.4923	*******
0.40	-1.4523	-1.4600
0.50	-1.0937	*******
0.60	-0.7243	-0.8503
0.70	-0.8393	*******
0.80	-0.7848	-0.7334
0.90	*******	*******
0.95	-0.5120	-0.5185

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	-0.0080	0.0075	0.1327	*******	*******
0.100	-0.0036	0.0081	0.1213	*******	*******
0.150	-0.0100	0.0070	0.1105	*******	*******
0.200	-0.0106	0.0095	0.0968	*******	-0.3407
0.250	*******	0.0071	0.0847	-0.1299	-0.3531
0.300	-0.0190	0.0060	0.0727	-0.1145	-0.3718
0.350	*******	0.0070	0.0638	-0.1035	-0.4137
0.400	-0.0313	0.0021	0.0561	-0.0915	-0.4608
0.450	-0.0362	0.0003	0.0552	-0.0853	-0.4817
0.500	-0.0423	-0.0031	0.0393	-0.0788	-0.4883
0.525	*******	-0.0022	0.0375	-0.0797	-0.5040
0.550	-0.0450	-0.0073	0.0331	-0.0754	-0.5061
0.575	*******	-0.0082	0.0352	-0.0743	-0.5268
0.600	-0.0483	-0.0099	0.0265	-0.0742	-0.5441
0.625	*******	*******	0.0249	-0.0713	-0.5694
0.650	-0.0481	-0.0166	0.0209	-0.0704	-0.5998
0.675	*******	-0.0250	0.0154	-0.0721	-0.6257
0.700	-0.0460	-0.0343	0.0126	-0.0719	-0.6607
0.725	*******	-0.0420	*******	-0.0707	-0.6876
0.750	-0.0352	-0.0459	*******	-0.0711	-0.6771
0.775	*******	-0.0511	-0.0119	-0.0744	-0.6029
0.800	-0.0173	-0.0549	-0.0219	-0.0792	*******
0.825	*******	-0.0539	-0.0345	-0.0793	-0.5335
0.850	0.0049	-0.0478	-0.0416	-0.0939	-0.5941
0.875	*******	-0.0384	-0.0485	-0.1069	-0.7533
0.900	0.0384	-0.0255	-0.0425	-0.1118	-0.7891
0.925	*******	-0.0015	-0.0292	-0.1055	-1.1290
0.950	0.0892	0.0333	0.0013	-0.0767	-0.3932
0.975	*******	0.0861	0.0577	-0.0151	-0.2181
1.000	0.2012	0.1977	0.1689	0.1404	0.0536
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0329	-0.0083	0.0767	*******	-0.3370
-0.400	-0.0572	-0.0143	0.0342	-0.1039	-0.4257
-0.600	-0.0807	-0.0336	0.0043	-0.0892	-0.5095
-0.700	-0.0825	-0.0672	-0.0179	-0.0892	-0.5929
-0.800	-0.0680	-0.1011	-0.0612	-0.1032	-0.6994
-0.850	-0.0502	-0.0996	-0.0926	-0.1329	-0.7707
-0.900	*******	-0.0865	-0.1053	-0.1682	-0.7003
-0.950	0.0316	-0.0382	-0.0755	-0.1570	-0.4077
-0.975	*******	0.0151	-0.0249	-0.1032	-0.2752
-1.000	0.1933	0.1815	0.1520	0.1282	0.0510



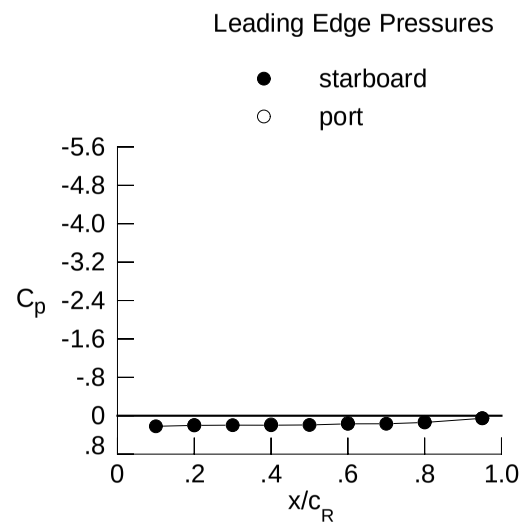
Medium Radius L.E.

Run No. = 10 , Point No. = 193

C_N = -0.021, C_m = 0.0001

α = -0.5 °, M_∞ = 0.849

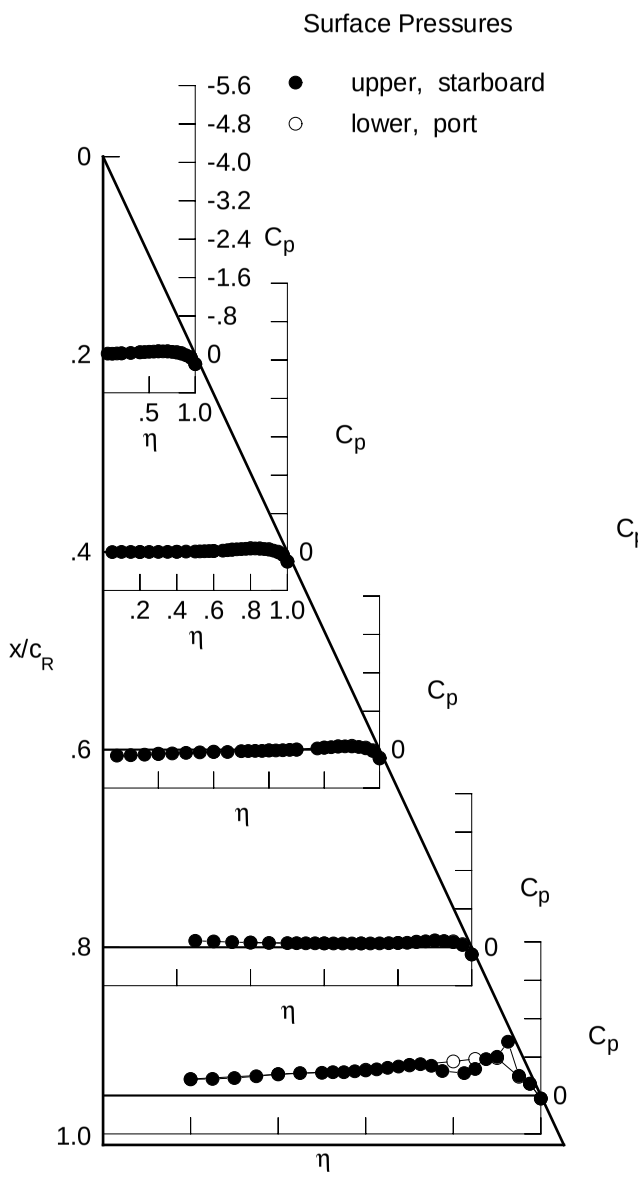
$R_{mac} = 11.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2202	*******
0.20	0.2012	0.1933
0.30	0.1964	*******
0.40	0.1977	0.1815
0.50	0.1921	*******
0.60	0.1689	0.1520
0.70	0.1675	*******
0.80	0.1404	0.1282
0.90	*******	*******
0.95	0.0536	0.0510

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	-0.0161	0.0010	0.1252	*******	*******
0.100	-0.0126	-0.0023	0.1158	*******	*******
0.150	-0.0192	-0.0014	0.1050	*******	*******
0.200	-0.0209	0.0002	0.0923	*******	-0.3363
0.250	*******	-0.0016	0.0789	-0.1348	-0.3458
0.300	-0.0296	-0.0028	0.0671	-0.1214	-0.3639
0.350	*******	-0.0035	0.0569	-0.1078	-0.4009
0.400	-0.0423	-0.0061	0.0496	-0.0988	-0.4469
0.450	-0.0484	-0.0097	0.0484	-0.0904	-0.4674
0.500	-0.0547	-0.0104	0.0320	-0.0870	-0.4728
0.525	*******	-0.0135	0.0292	-0.0855	-0.4856
0.550	-0.0576	-0.0169	0.0256	-0.0830	-0.4858
0.575	*******	-0.0198	0.0264	-0.0832	-0.5050
0.600	-0.0627	-0.0205	0.0180	-0.0815	-0.5226
0.625	*******	*******	0.0169	-0.0796	-0.5447
0.650	-0.0631	-0.0287	0.0119	-0.0793	-0.5769
0.675	*******	-0.0384	0.0048	-0.0793	-0.6031
0.700	-0.0610	-0.0467	0.0035	-0.0811	-0.6383
0.725	*******	-0.0565	*******	-0.0799	-0.6525
0.750	-0.0521	-0.0614	*******	-0.0815	-0.6195
0.775	*******	-0.0673	-0.0246	-0.0857	-0.5102
0.800	-0.0365	-0.0721	-0.0380	-0.0903	*******
0.825	*******	-0.0748	-0.0516	-0.0932	-0.4667
0.850	-0.0141	-0.0691	-0.0615	-0.1103	-0.5528
0.875	*******	-0.0626	-0.0691	-0.1245	-0.7579
0.900	0.0179	-0.0496	-0.0674	-0.1347	-0.8061
0.925	*******	-0.0286	-0.0556	-0.1307	-1.1204
0.950	0.0678	0.0060	-0.0280	-0.1068	-0.4106
0.975	*******	0.0585	0.0264	-0.0476	-0.2430
1.000	0.2038	0.2019	0.1848	0.1498	0.0611
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0233	-0.0004	0.0839	*******	-0.3436
-0.400	-0.0456	-0.0047	0.0418	-0.0978	-0.4388
-0.600	-0.0667	-0.0224	0.0131	-0.0816	-0.5367
-0.700	-0.0659	-0.0532	-0.0057	-0.0804	-0.6265
-0.800	-0.0483	-0.0816	-0.0460	-0.0905	-0.7094
-0.850	-0.0290	-0.0774	-0.0724	-0.1170	-0.7617
-0.900	*******	-0.0606	-0.0808	-0.1452	-0.7802
-0.950	0.0563	-0.0083	-0.0435	-0.1246	-0.3899
-0.975	*******	0.0474	0.0114	-0.0658	-0.2478
-1.000	0.2003	0.1930	0.1672	0.1484	0.0645



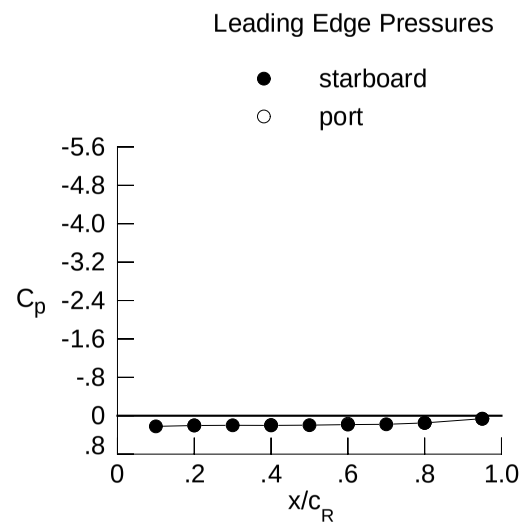
Medium Radius L.E.

Run No. = 10 , Point No. = 194

C_N = -0.003, C_m = -0.0025

α = 0.0 °, M_∞ = 0.849

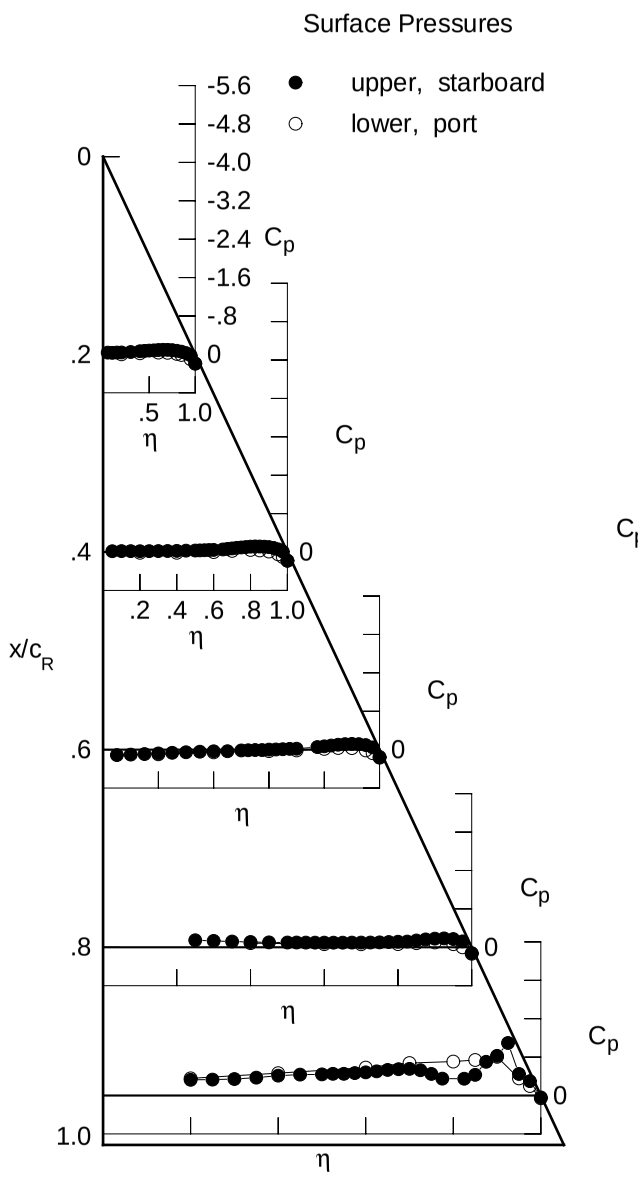
R_{mac} = 11.8×10^6



x/c_R	starb'd C_p	port C_p
0.10	0.2218	*******
0.20	0.2038	0.2003
0.30	0.1995	*******
0.40	0.2019	0.1930
0.50	0.1964	*******
0.60	0.1848	0.1672
0.70	0.1786	*******
0.80	0.1498	0.1484
0.90	*******	*******
0.95	0.0611	0.0645

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	-0.0368	-0.0168	0.1140	*******	*******
0.100	-0.0323	-0.0188	0.1032	*******	*******
0.150	-0.0388	-0.0186	0.0922	*******	*******
0.200	-0.0398	-0.0170	0.0795	*******	-0.3273
0.250	*******	-0.0184	0.0659	-0.1466	-0.3310
0.300	-0.0497	-0.0202	0.0541	-0.1325	-0.3435
0.350	*******	-0.0219	0.0431	-0.1198	-0.3722
0.400	-0.0654	-0.0242	0.0347	-0.1104	-0.4134
0.450	-0.0725	-0.0292	0.0331	-0.1025	-0.4355
0.500	-0.0794	-0.0315	0.0166	-0.0992	-0.4401
0.525	*******	-0.0344	0.0131	-0.0992	-0.4519
0.550	-0.0842	-0.0374	0.0077	-0.0977	-0.4518
0.575	*******	-0.0420	0.0091	-0.0966	-0.4675
0.600	-0.0914	-0.0441	-0.0011	-0.0971	-0.4822
0.625	*******	*******	-0.0029	-0.0958	-0.5030
0.650	-0.0954	-0.0533	-0.0085	-0.0963	-0.5327
0.675	*******	-0.0650	-0.0156	-0.0978	-0.5482
0.700	-0.0945	-0.0755	-0.0193	-0.0984	-0.5550
0.725	*******	-0.0872	*******	-0.0996	-0.5266
0.750	-0.0892	-0.0950	*******	-0.1024	-0.4493
0.775	*******	-0.1042	-0.0533	-0.1093	-0.3516
0.800	-0.0754	-0.1126	-0.0685	-0.1158	*******
0.825	*******	-0.1169	-0.0858	-0.1195	-0.3499
0.850	-0.0567	-0.1153	-0.1024	-0.1420	-0.4306
0.875	*******	-0.1114	-0.1142	-0.1637	-0.7024
0.900	-0.0271	-0.1034	-0.1199	-0.1801	-0.8266
0.925	*******	-0.0854	-0.1147	-0.1847	-1.0944
0.950	0.0183	-0.0559	-0.0953	-0.1719	-0.4486
0.975	*******	-0.0090	-0.0469	-0.1235	-0.2994
1.000	0.1898	0.1795	0.1672	0.1212	0.0402
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0019	0.0158	0.0968	*******	-0.3573
-0.400	-0.0229	0.0152	0.0564	-0.0864	-0.4658
-0.600	-0.0377	0.0006	0.0307	-0.0650	-0.5820
-0.700	-0.0326	-0.0241	0.0160	-0.0630	-0.6763
-0.800	-0.0103	-0.0432	-0.0156	-0.0665	-0.7071
-0.850	0.0119	-0.0334	-0.0342	-0.0855	-0.7399
-0.900	*******	-0.0101	-0.0318	-0.1012	-0.8053
-0.950	0.1006	0.0476	0.0158	-0.0650	-0.3560
-0.975	*******	0.1045	0.0745	0.0010	-0.1975
-1.000	0.1934	0.1818	0.1505	0.1355	0.0578



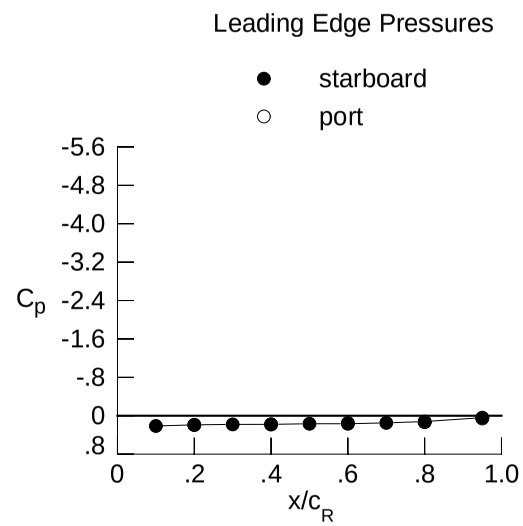
Medium Radius L.E.

Run No. = 10 , Point No. = 195

C_N = 0.040, C_m = -0.0102

α = 1.0 °, M_∞ = 0.849

R_{mac} = 11.8×10^6

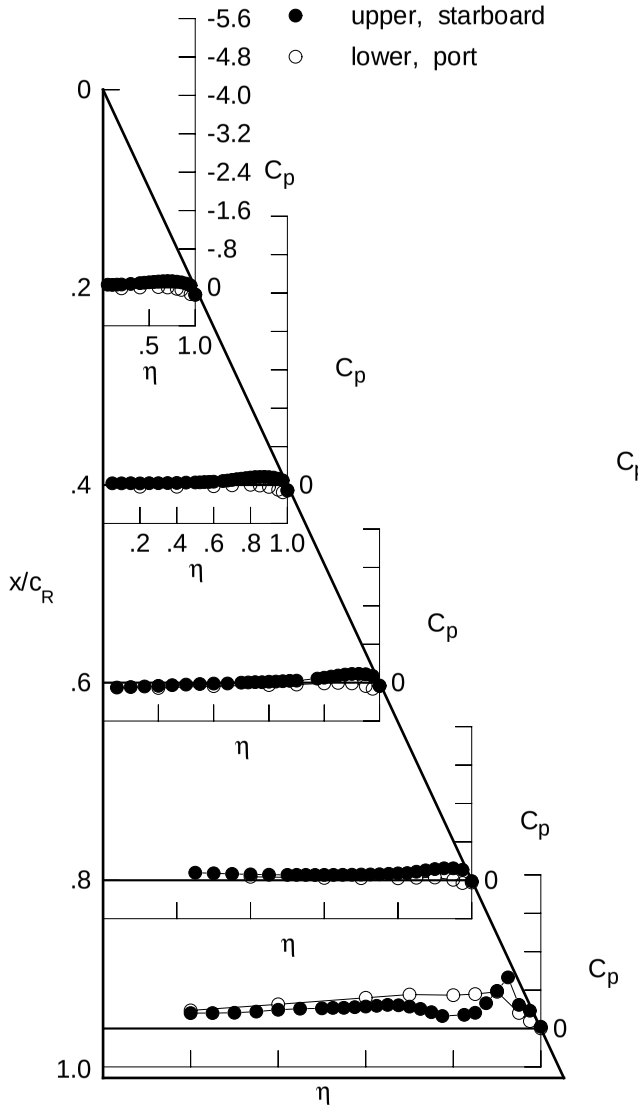


x/c_R	starb'd C_p	port C_p
0.10	0.2139	*******
0.20	0.1898	0.1934
0.30	0.1806	*******
0.40	0.1795	0.1818
0.50	0.1669	*******
0.60	0.1672	0.1505
0.70	0.1490	*******
0.80	0.1212	0.1355
0.90	*******	*******
0.95	0.0402	0.0578

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	-0.0558	-0.0359	0.1022	*******	*******
0.100	-0.0521	-0.0351	0.0918	*******	*******
0.150	-0.0575	-0.0379	0.0798	*******	*******
0.200	-0.0602	-0.0340	0.0666	*******	-0.3211
0.250	*******	-0.0381	0.0528	-0.1584	-0.3218
0.300	-0.0717	-0.0386	0.0410	-0.1452	-0.3276
0.350	*******	-0.0413	0.0288	-0.1326	-0.3519
0.400	-0.0886	-0.0440	0.0195	-0.1230	-0.3902
0.450	-0.0977	-0.0504	0.0174	-0.1162	-0.4124
0.500	-0.1061	-0.0533	0.0006	-0.1131	-0.4197
0.525	*******	-0.0561	-0.0042	-0.1140	-0.4295
0.550	-0.1133	-0.0626	-0.0103	-0.1127	-0.4312
0.575	*******	-0.0645	-0.0091	-0.1114	-0.4449
0.600	-0.1226	-0.0693	-0.0194	-0.1128	-0.4580
0.625	*******	*******	-0.0223	-0.1129	-0.4730
0.650	-0.1285	-0.0830	-0.0299	-0.1143	-0.4916
0.675	*******	-0.0937	-0.0373	-0.1164	-0.4839
0.700	-0.1321	-0.1074	-0.0413	-0.1196	-0.4560
0.725	*******	-0.1213	*******	-0.1215	-0.4077
0.750	-0.1295	-0.1318	*******	-0.1257	-0.3398
0.775	*******	-0.1439	-0.0842	-0.1349	-0.2597
0.800	-0.1192	-0.1558	-0.1032	-0.1442	*******
0.825	*******	-0.1657	-0.1266	-0.1501	-0.2847
0.850	-0.1045	-0.1673	-0.1477	-0.1788	-0.3274
0.875	*******	-0.1693	-0.1678	-0.2070	-0.5271
0.900	-0.0795	-0.1651	-0.1805	-0.2334	-0.7844
0.925	*******	-0.1548	-0.1832	-0.2497	-1.0644
0.950	-0.0406	-0.1314	-0.1752	-0.2493	-0.4925
0.975	*******	-0.0957	-0.1407	-0.2183	-0.3711
1.000	0.1471	0.1040	0.0709	0.0167	-0.0369
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0193	0.0351	0.1103	*******	-0.3766
-0.400	0.0013	0.0354	0.0724	-0.0726	-0.5038
-0.600	-0.0073	0.0250	0.0502	-0.0498	-0.6401
-0.700	0.0020	0.0056	0.0393	-0.0441	-0.7076
-0.800	0.0285	-0.0053	0.0155	-0.0420	-0.6942
-0.850	0.0518	0.0096	0.0048	-0.0535	-0.7171
-0.900	*******	0.0381	0.0149	-0.0584	-0.7655
-0.950	0.1404	0.0973	0.0700	-0.0103	-0.3242
-0.975	*******	0.1510	0.1269	0.0567	-0.1539
-1.000	0.1561	0.1175	0.0604	0.0457	-0.0037

Surface Pressures



Medium Radius L.E.

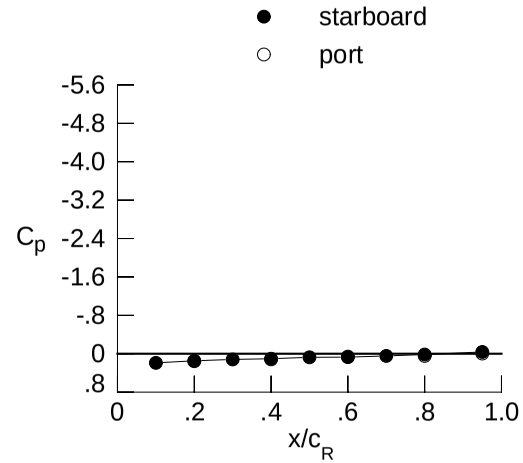
Run No. = 10 , Point No. = 196

C_N = 0.084, C_m = -0.0180

α = 2.1 °, M_∞ = 0.849

R_{mac} = 11.8×10^6

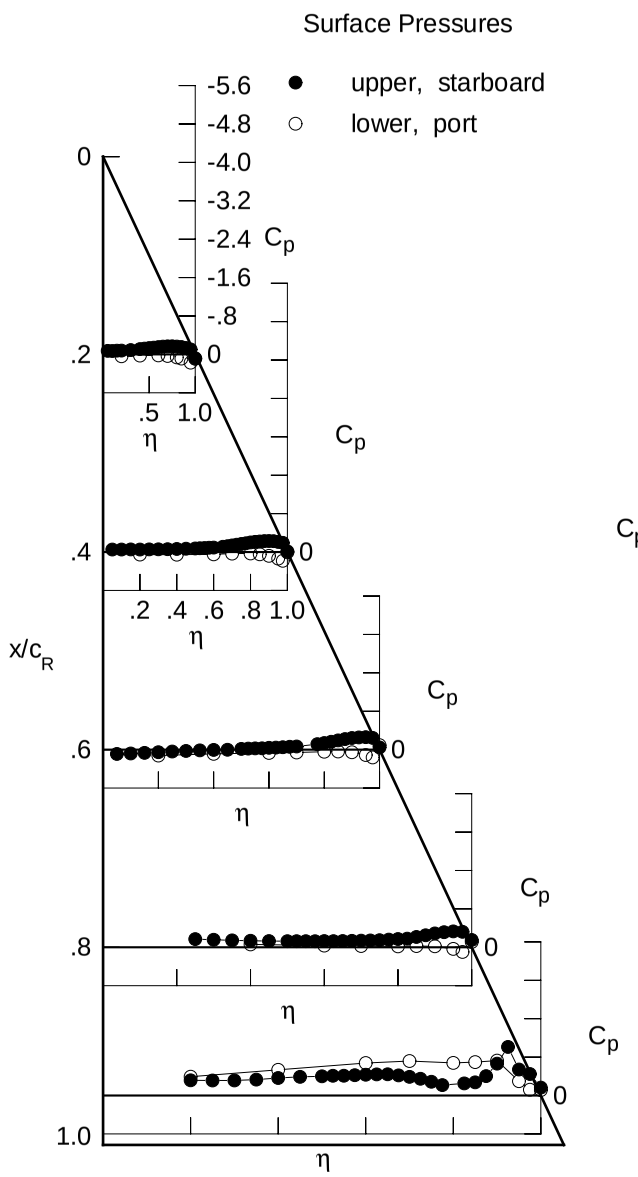
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1904	*******
0.20	0.1471	0.1561
0.30	0.1190	*******
0.40	0.1040	0.1175
0.50	0.0747	*******
0.60	0.0709	0.0604
0.70	0.0459	*******
0.80	0.0167	0.0457
0.90	*******	*******
0.95	-0.0369	-0.0037

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	-0.0735	-0.0516	0.0897	*******	*******
0.100	-0.0704	-0.0523	0.0800	*******	*******
0.150	-0.0773	-0.0540	0.0671	*******	*******
0.200	-0.0791	-0.0519	0.0536	*******	-0.3167
0.250	*******	-0.0550	0.0394	-0.1702	-0.3131
0.300	-0.0907	-0.0571	0.0271	-0.1571	-0.3135
0.350	*******	-0.0595	0.0154	-0.1444	-0.3313
0.400	-0.1100	-0.0639	0.0053	-0.1361	-0.3649
0.450	-0.1211	-0.0699	0.0022	-0.1295	-0.3889
0.500	-0.1320	-0.0746	-0.0156	-0.1273	-0.4004
0.525	*******	-0.0793	-0.0213	-0.1274	-0.4114
0.550	-0.1408	-0.0836	-0.0266	-0.1273	-0.4118
0.575	*******	-0.0894	-0.0279	-0.1260	-0.4235
0.600	-0.1520	-0.0928	-0.0384	-0.1294	-0.4331
0.625	*******	*******	-0.0422	-0.1282	-0.4397
0.650	-0.1622	-0.1094	-0.0505	-0.1307	-0.4421
0.675	*******	-0.1220	-0.0602	-0.1346	-0.4194
0.700	-0.1681	-0.1376	-0.0657	-0.1381	-0.3885
0.725	*******	-0.1528	*******	-0.1427	-0.3486
0.750	-0.1690	-0.1681	*******	-0.1481	-0.2864
0.775	*******	-0.1821	-0.1141	-0.1602	-0.2166
0.800	-0.1633	-0.2001	-0.1374	-0.1718	*******
0.825	*******	-0.2120	-0.1641	-0.1803	-0.2523
0.850	-0.1533	-0.2200	-0.1928	-0.2152	-0.2747
0.875	*******	-0.2277	-0.2203	-0.2504	-0.4039
0.900	-0.1340	-0.2299	-0.2424	-0.2885	-0.6636
0.925	*******	-0.2266	-0.2545	-0.3144	-1.0118
0.950	-0.1040	-0.2103	-0.2600	-0.3310	-0.5417
0.975	*******	-0.1921	-0.2452	-0.3224	-0.4481
1.000	0.0807	-0.0133	-0.0466	-0.1527	-0.1649
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0394	0.0531	0.1230	*******	-0.3919
-0.400	0.0244	0.0553	0.0875	-0.0601	-0.5352
-0.600	0.0208	0.0478	0.0688	-0.0350	-0.6765
-0.700	0.0327	0.0325	0.0592	-0.0266	-0.7182
-0.800	0.0627	0.0293	0.0429	-0.0195	-0.6793
-0.850	0.0870	0.0472	0.0381	-0.0256	-0.6960
-0.900	*******	0.0790	0.0546	-0.0207	-0.7270
-0.950	0.1720	0.1371	0.1122	0.0334	-0.2987
-0.975	*******	0.1826	0.1626	0.0969	-0.1211
-1.000	0.0918	0.0060	-0.0932	-0.1100	-0.1122



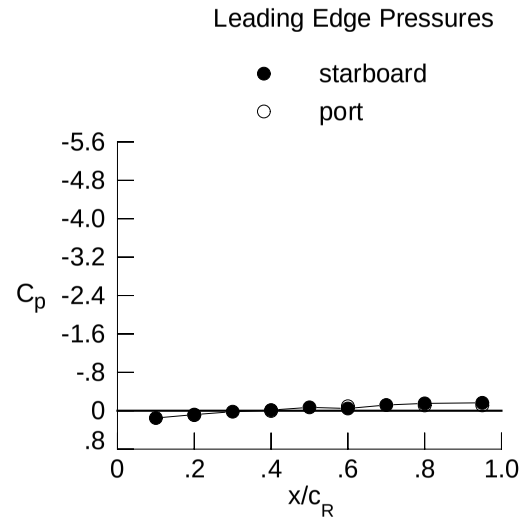
Medium Radius L.E.

Run No. = 10 , Point No. = 197

C_N = 0.122, C_m = -0.0228

α = 3.1 °, M_∞ = 0.849

R_{mac} = 11.8×10^6

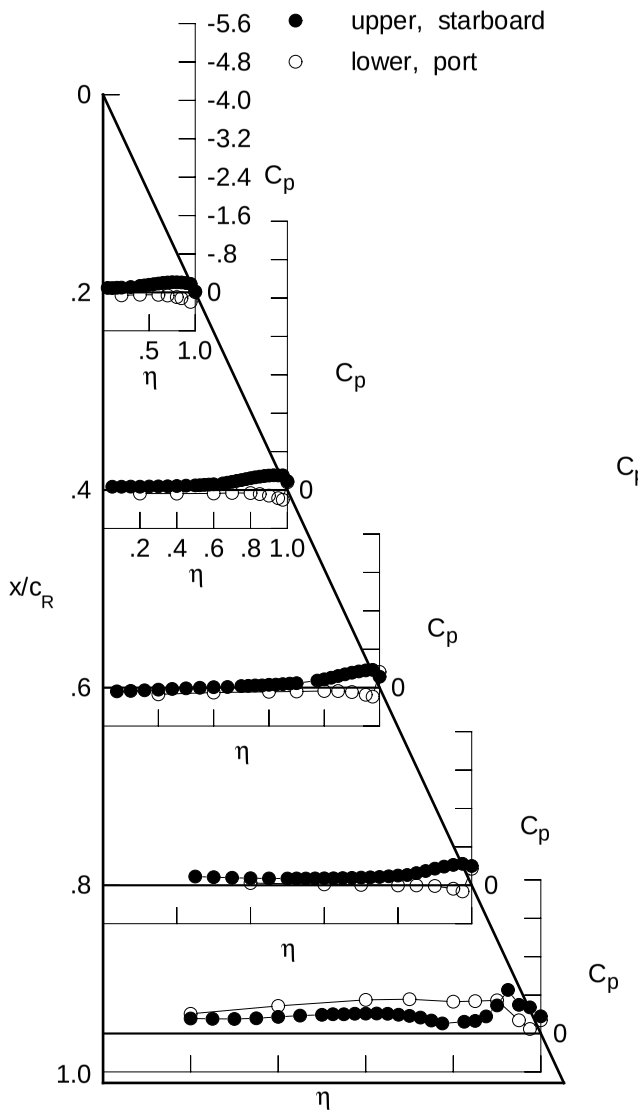


x/c_R	starb'd C_p	port C_p
0.10	0.1519	*******
0.20	0.0807	0.0918
0.30	0.0203	*******
0.40	-0.0133	0.0060
0.50	-0.0701	*******
0.60	-0.0466	-0.0932
0.70	-0.1193	*******
0.80	-0.1527	-0.1100
0.90	*******	*******
0.95	-0.1649	-0.1122

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	-0.0935	-0.0689	0.0779	*******	*******
0.100	-0.0900	-0.0687	0.0677	*******	*******
0.150	-0.0969	-0.0712	0.0552	*******	*******
0.200	-0.0993	-0.0697	0.0416	*******	-0.3126
0.250	*******	-0.0733	0.0273	-0.1821	-0.3059
0.300	-0.1118	-0.0759	0.0144	-0.1685	-0.3032
0.350	*******	-0.0783	0.0025	-0.1568	-0.3165
0.400	-0.1343	-0.0837	-0.0099	-0.1475	-0.3467
0.450	-0.1456	-0.0913	-0.0137	-0.1420	-0.3728
0.500	-0.1584	-0.0971	-0.0325	-0.1407	-0.3893
0.525	*******	-0.1003	-0.0378	-0.1422	-0.4012
0.550	-0.1714	-0.1083	-0.0459	-0.1412	-0.4006
0.575	*******	-0.1139	-0.0462	-0.1431	-0.4119
0.600	-0.1841	-0.1196	-0.0592	-0.1446	-0.4148
0.625	*******	*******	-0.0627	-0.1457	-0.4169
0.650	-0.1975	-0.1380	-0.0730	-0.1494	-0.4111
0.675	*******	-0.1531	-0.0836	-0.1543	-0.3909
0.700	-0.2067	-0.1705	-0.0927	-0.1599	-0.3675
0.725	*******	-0.1893	*******	-0.1655	-0.3320
0.750	-0.2121	-0.2067	*******	-0.1740	-0.2704
0.775	*******	-0.2262	-0.1470	-0.1874	-0.2097
0.800	-0.2107	-0.2466	-0.1733	-0.2020	*******
0.825	*******	-0.2652	-0.2065	-0.2147	-0.2447
0.850	-0.2072	-0.2784	-0.2422	-0.2534	-0.2625
0.875	*******	-0.2923	-0.2775	-0.2980	-0.3560
0.900	-0.1954	-0.3012	-0.3114	-0.3461	-0.5846
0.925	*******	-0.3080	-0.3375	-0.3888	-0.9077
0.950	-0.1774	-0.3037	-0.3595	-0.4245	-0.5979
0.975	*******	-0.3061	-0.3701	-0.4472	-0.5449
1.000	-0.0200	-0.1856	-0.2270	-0.4026	-0.3582
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0614	0.0727	0.1391	*******	-0.4106
-0.400	0.0490	0.0747	0.1023	-0.0461	-0.5747
-0.600	0.0500	0.0711	0.0865	-0.0192	-0.7011
-0.700	0.0649	0.0606	0.0800	-0.0080	-0.7144
-0.800	0.0975	0.0635	0.0702	0.0025	-0.6630
-0.850	0.1216	0.0842	0.0716	0.0023	-0.6748
-0.900	*******	0.1170	0.0918	0.0148	-0.6912
-0.950	0.1981	0.1696	0.1480	0.0722	-0.2755
-0.975	*******	0.2034	0.1870	0.1275	-0.0943
-1.000	-0.0046	-0.1616	-0.3270	-0.3450	-0.2765

Surface Pressures



Medium Radius L.E.

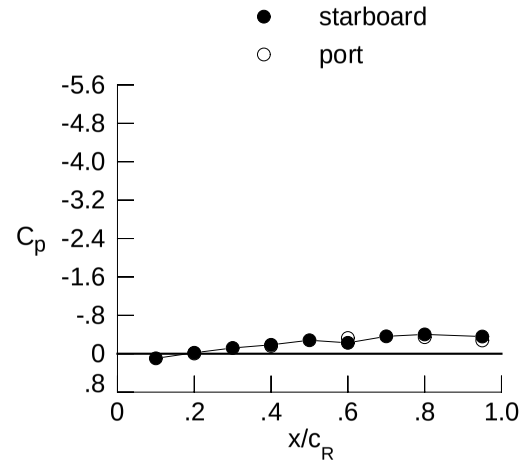
Run No. = 10 , Point No. = 198

C_N = 0.166, C_m = -0.0303

α = 4.2 °, M_∞ = 0.849

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

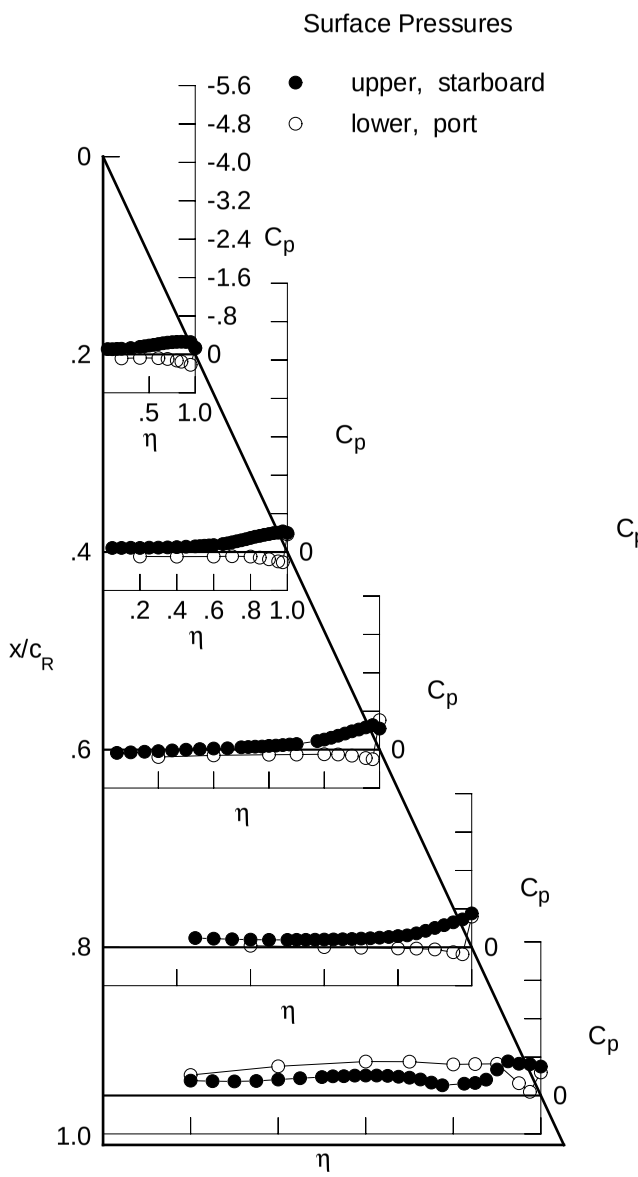
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.0960	*******
0.20	-0.0200	-0.0046
0.30	-0.1201	*******
0.40	-0.1856	-0.1616
0.50	-0.2812	*******
0.60	-0.2270	-0.3270
0.70	-0.3623	*******
0.80	-0.4026	-0.3450
0.90	*******	*******
0.95	-0.3582	-0.2765

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	-0.1102	-0.0848	0.0682	*******	*******
0.100	-0.1083	-0.0857	0.0569	*******	*******
0.150	-0.1147	-0.0884	0.0444	*******	*******
0.200	-0.1178	-0.0853	0.0309	*******	-0.3093
0.250	*******	-0.0909	0.0156	-0.1927	-0.2985
0.300	-0.1324	-0.0924	0.0016	-0.1791	-0.2935
0.350	*******	-0.0971	-0.0108	-0.1675	-0.3026
0.400	-0.1564	-0.1028	-0.0230	-0.1596	-0.3321
0.450	-0.1695	-0.1111	-0.0282	-0.1544	-0.3598
0.500	-0.1838	-0.1182	-0.0491	-0.1539	-0.3839
0.525	*******	-0.1236	-0.0543	-0.1550	-0.3999
0.550	-0.1984	-0.1316	-0.0613	-0.1555	-0.4027
0.575	*******	-0.1376	-0.0639	-0.1574	-0.4145
0.600	-0.2152	-0.1443	-0.0784	-0.1606	-0.4161
0.625	*******	*******	-0.0838	-0.1629	-0.4161
0.650	-0.2319	-0.1660	-0.0954	-0.1673	-0.4096
0.675	*******	-0.1819	-0.1066	-0.1731	-0.3910
0.700	-0.2451	-0.2022	-0.1170	-0.1811	-0.3708
0.725	*******	-0.2241	*******	-0.1878	-0.3334
0.750	-0.2547	-0.2447	*******	-0.1997	-0.2685
0.775	*******	-0.2674	-0.1787	-0.2143	-0.2132
0.800	-0.2611	-0.2932	-0.2094	-0.2334	*******
0.825	*******	-0.3181	-0.2469	-0.2481	-0.2459
0.850	-0.2630	-0.3365	-0.2895	-0.2908	-0.2616
0.875	*******	-0.3581	-0.3353	-0.3429	-0.3302
0.900	-0.2594	-0.3749	-0.3816	-0.4028	-0.5415
0.925	*******	-0.3942	-0.4194	-0.4604	-0.7109
0.950	-0.2561	-0.4025	-0.4635	-0.5202	-0.6613
0.975	*******	-0.4304	-0.5113	-0.5807	-0.6516
1.000	-0.1399	-0.3972	-0.4387	-0.7056	-0.6033
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0836	0.0928	0.1536	*******	-0.4265
-0.400	0.0730	0.0957	0.1192	-0.0320	-0.6080
-0.600	0.0781	0.0940	0.1059	-0.0036	-0.7075
-0.700	0.0954	0.0871	0.1023	0.0086	-0.7044
-0.800	0.1281	0.0945	0.0960	0.0241	-0.6474
-0.850	0.1518	0.1169	0.1009	0.0270	-0.6553
-0.900	*******	0.1508	0.1249	0.0451	-0.6602
-0.950	0.2165	0.1950	0.1749	0.1023	-0.2565
-0.975	*******	0.2128	0.1990	0.1449	-0.0767
-1.000	-0.1247	-0.3684	-0.6133	-0.6396	-0.4807



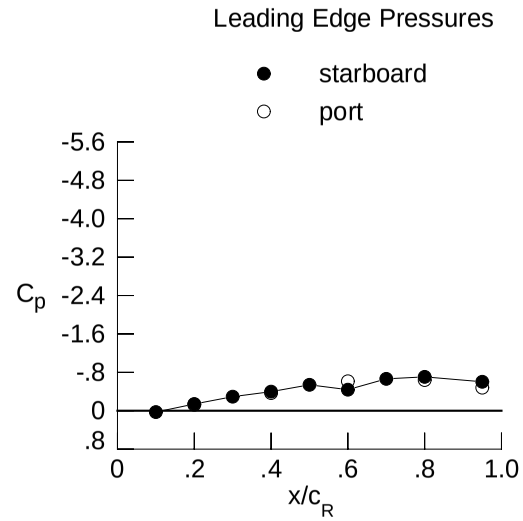
Medium Radius L.E.

Run No. = 10 , Point No. = 199

C_N = 0.210, C_m = -0.0382

α = 5.3 °, M_∞ = 0.849

R_{mac} = 11.7×10^6

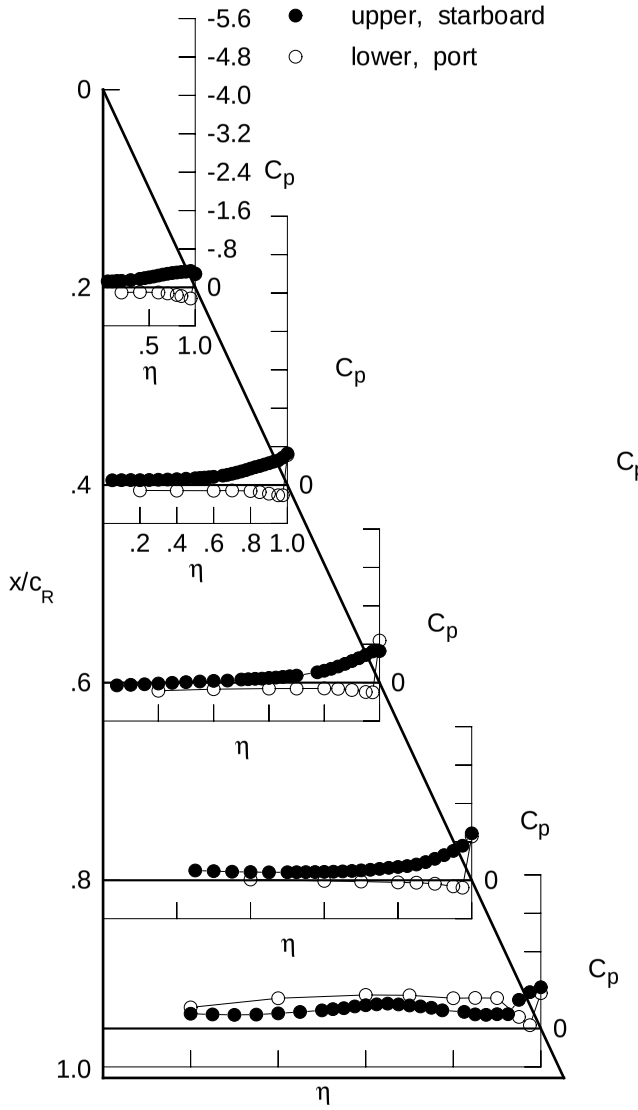


x/c_R	starb'd C_p	port C_p
0.10	0.0278	*******
0.20	-0.1399	-0.1247
0.30	-0.2927	*******
0.40	-0.3972	-0.3684
0.50	-0.5401	*******
0.60	-0.4387	-0.6133
0.70	-0.6642	*******
0.80	-0.7056	-0.6396
0.90	*******	*******
0.95	-0.6033	-0.4807

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	-0.1266	-0.0993	0.0572	*******	*******
0.100	-0.1252	-0.1012	0.0455	*******	*******
0.150	-0.1341	-0.1036	0.0336	*******	*******
0.200	-0.1366	-0.1020	0.0185	*******	-0.3078
0.250	*******	-0.1058	0.0038	-0.2039	-0.2925
0.300	-0.1520	-0.1103	-0.0104	-0.1900	-0.2840
0.350	*******	-0.1144	-0.0242	-0.1784	-0.2898
0.400	-0.1777	-0.1212	-0.0364	-0.1718	-0.3154
0.450	-0.1928	-0.1316	-0.0434	-0.1654	-0.3448
0.500	-0.2095	-0.1412	-0.0648	-0.1673	-0.3778
0.525	*******	-0.1473	-0.0713	-0.1681	-0.4030
0.550	-0.2261	-0.1553	-0.0798	-0.1700	-0.4232
0.575	*******	-0.1625	-0.0829	-0.1719	-0.4600
0.600	-0.2462	-0.1711	-0.0980	-0.1755	-0.4846
0.625	*******	*******	-0.1054	-0.1786	-0.5033
0.650	-0.2667	-0.1960	-0.1195	-0.1851	-0.5185
0.675	*******	-0.2132	-0.1334	-0.1940	-0.5012
0.700	-0.2838	-0.2355	-0.1468	-0.2064	-0.4796
0.725	*******	-0.2582	*******	-0.2182	-0.4601
0.750	-0.2993	-0.2834	*******	-0.2373	-0.4317
0.775	*******	-0.3104	-0.2155	-0.2593	-0.3785
0.800	-0.3106	-0.3422	-0.2483	-0.2777	*******
0.825	*******	-0.3720	-0.2878	-0.2962	-0.3463
0.850	-0.3216	-0.3970	-0.3361	-0.3286	-0.2947
0.875	*******	-0.4266	-0.3913	-0.3793	-0.2844
0.900	-0.3268	-0.4549	-0.4495	-0.4470	-0.2986
0.925	*******	-0.4865	-0.5090	-0.5236	-0.2987
0.950	-0.3422	-0.5121	-0.5752	-0.6117	-0.5970
0.975	*******	-0.5721	-0.6493	-0.7197	-0.7578
1.000	-0.2882	-0.6580	-0.6577	-0.9778	-0.8595
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1069	0.1125	0.1685	*******	-0.4394
-0.400	0.0979	0.1165	0.1365	-0.0169	-0.6301
-0.600	0.1062	0.1181	0.1237	0.0126	-0.6992
-0.700	0.1256	0.1139	0.1230	0.0263	-0.6914
-0.800	0.1583	0.1249	0.1212	0.0441	-0.6310
-0.850	0.1805	0.1483	0.1281	0.0505	-0.6367
-0.900	*******	0.1803	0.1535	0.0720	-0.6337
-0.950	0.2309	0.2136	0.1953	0.1263	-0.2415
-0.975	*******	0.2125	0.2018	0.1534	-0.0685
-1.000	-0.2751	-0.6238	-0.8763	-0.9119	-0.7364

Surface Pressures



Medium Radius L.E.

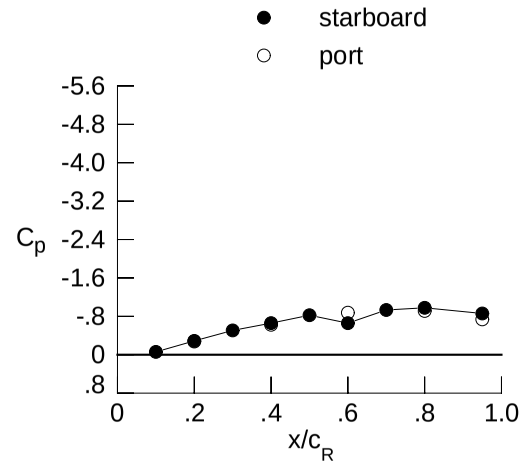
Run No. = 10 , Point No. = 200

C_N = 0.255, C_m = -0.0470

α = 6.3 °, M_∞ = 0.849

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

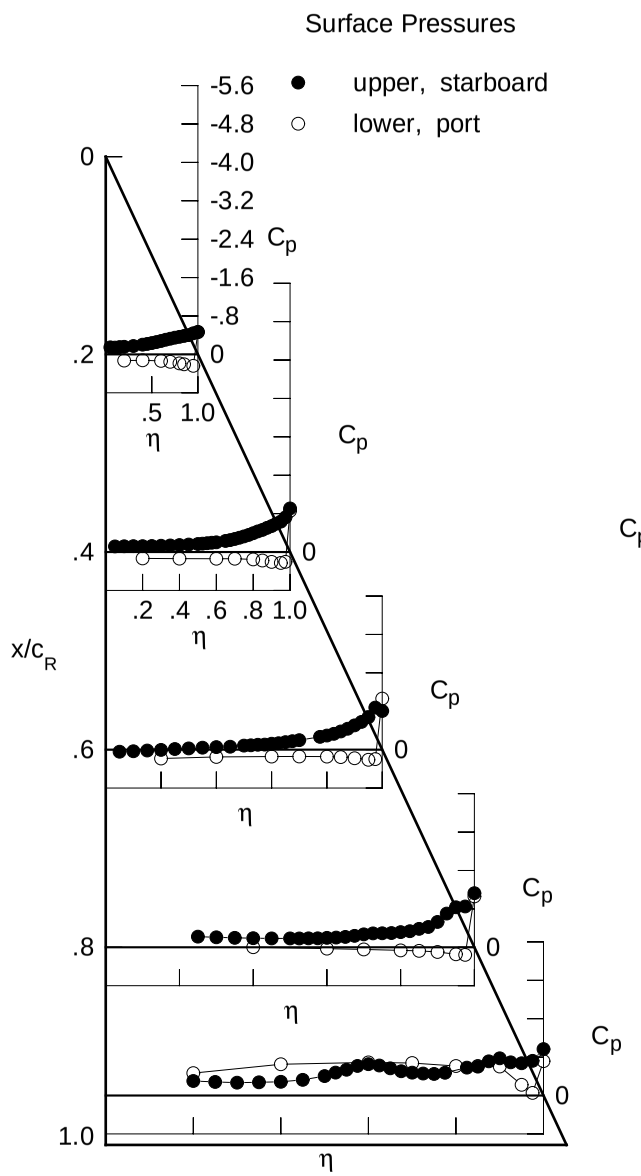
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.0591	*******
0.20	-0.2882	-0.2751
0.30	-0.5065	*******
0.40	-0.6580	-0.6238
0.50	-0.8231	*******
0.60	-0.6577	-0.8763
0.70	-0.9323	*******
0.80	-0.9778	-0.9119
0.90	*******	*******
0.95	-0.8595	-0.7364

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	-0.1471	-0.1171	0.0429	*******	*******
0.100	-0.1414	-0.1203	0.0337	*******	*******
0.150	-0.1529	-0.1220	0.0184	*******	*******
0.200	-0.1581	-0.1225	0.0059	*******	-0.3025
0.250	*******	-0.1257	-0.0125	-0.2216	-0.2827
0.300	-0.1741	-0.1311	-0.0256	-0.2077	-0.2676
0.350	*******	-0.1366	-0.0405	-0.1969	-0.2753
0.400	-0.2027	-0.1456	-0.0531	-0.1897	-0.2860
0.450	-0.2176	-0.1560	-0.0609	-0.1845	-0.3264
0.500	-0.2363	-0.1673	-0.0839	-0.1851	-0.4050
0.525	*******	-0.1743	-0.0900	-0.1843	-0.4766
0.550	-0.2566	-0.1839	-0.1018	-0.1867	-0.5364
0.575	*******	-0.1935	-0.1047	-0.1869	-0.6163
0.600	-0.2788	-0.2027	-0.1234	-0.1965	-0.6526
0.625	*******	*******	-0.1339	-0.2022	-0.6250
0.650	-0.3046	-0.2309	-0.1561	-0.2158	-0.5667
0.675	*******	-0.2486	-0.1762	-0.2386	-0.5056
0.700	-0.3261	-0.2723	-0.1979	-0.2694	-0.4762
0.725	*******	-0.2976	*******	-0.2894	-0.4576
0.750	-0.3480	-0.3259	*******	-0.2920	-0.4497
0.775	*******	-0.3557	-0.2667	-0.2967	-0.4738
0.800	-0.3652	-0.3919	-0.2939	-0.3157	*******
0.825	*******	-0.4293	-0.3295	-0.3349	-0.5811
0.850	-0.3844	-0.4611	-0.3781	-0.3838	-0.6015
0.875	*******	-0.5034	-0.4351	-0.4234	-0.7117
0.900	-0.4020	-0.5413	-0.5055	-0.5279	-0.7752
0.925	*******	-0.5911	-0.5773	-0.7023	-0.6914
0.950	-0.4400	-0.6344	-0.6757	-0.8335	-0.6721
0.975	*******	-0.7219	-0.8763	-0.8501	-0.7224
1.000	-0.4699	-0.9082	-0.8057	-1.1275	-0.9675
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1290	0.1328	0.1852	*******	-0.4665
-0.400	0.1233	0.1378	0.1519	-0.0014	-0.6509
-0.600	0.1355	0.1395	0.1437	0.0280	-0.6899
-0.700	0.1545	0.1395	0.1420	0.0448	-0.6766
-0.800	0.1874	0.1538	0.1448	0.0644	-0.6140
-0.850	0.2066	0.1771	0.1551	0.0740	-0.6153
-0.900	*******	0.2059	0.1790	0.0976	-0.6037
-0.950	0.2384	0.2273	0.2108	0.1456	-0.2230
-0.975	*******	0.2037	0.1969	0.1572	-0.0546
-1.000	-0.4612	-0.8593	-1.0634	-1.0603	-0.7157



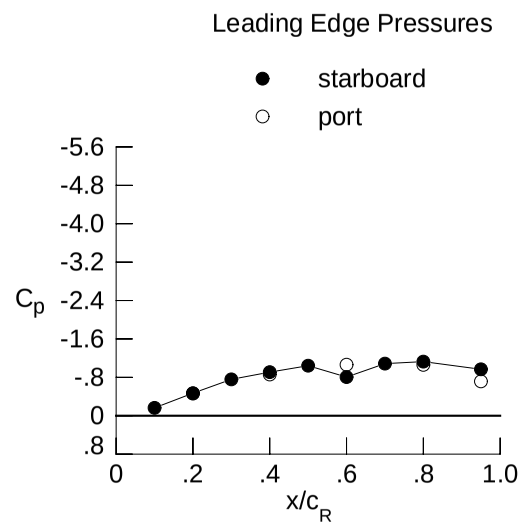
Medium Radius L.E.

Run No. = 10 , Point No. = 201

C_N = 0.311, C_m = -0.0602

α = 7.4 °, M_∞ = 0.850

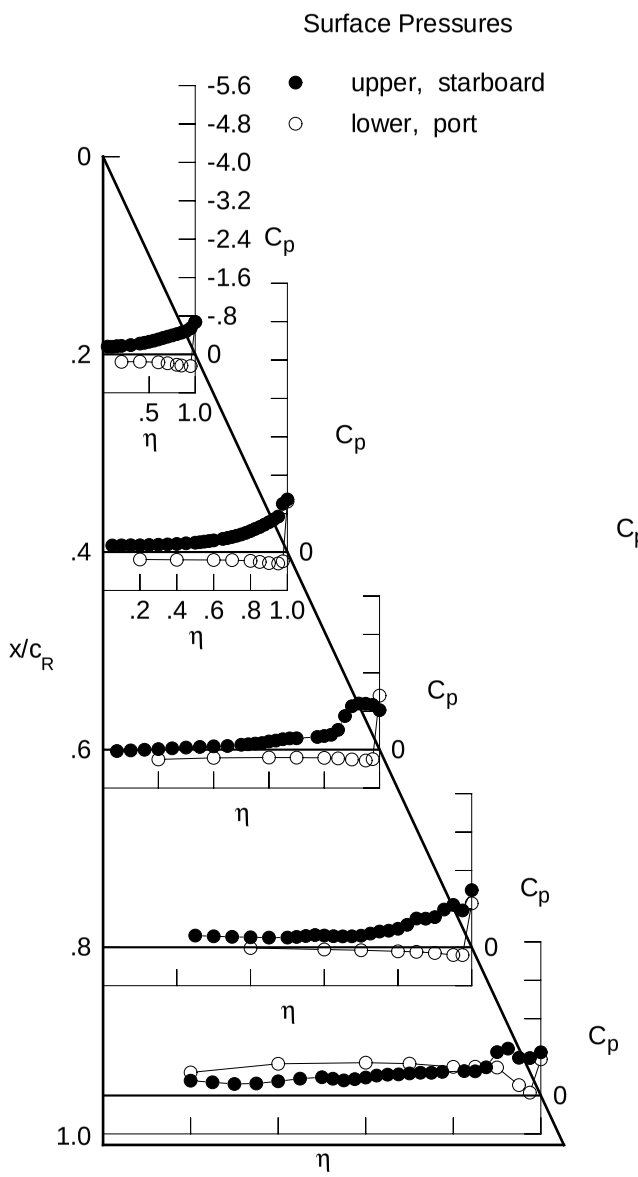
R_{mac} = 11.7×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.1636	*******
0.20	-0.4699	-0.4612
0.30	-0.7579	*******
0.40	-0.9082	-0.8593
0.50	-1.0424	*******
0.60	-0.8057	-1.0634
0.70	-1.0853	*******
0.80	-1.1275	-1.0603
0.90	*******	*******
0.95	-0.9675	-0.7157

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	-0.1624	-0.1357	0.0289	*******	*******
0.100	-0.1583	-0.1386	0.0163	*******	*******
0.150	-0.1721	-0.1416	0.0024	*******	*******
0.200	-0.1769	-0.1404	-0.0111	*******	-0.3091
0.250	*******	-0.1465	-0.0279	-0.2437	-0.2748
0.300	-0.1938	-0.1521	-0.0434	-0.2288	-0.2404
0.350	*******	-0.1587	-0.0569	-0.2180	-0.2505
0.400	-0.2245	-0.1679	-0.0691	-0.2084	-0.2959
0.450	-0.2420	-0.1813	-0.0761	-0.2016	-0.3508
0.500	-0.2629	-0.1946	-0.1013	-0.2023	-0.3806
0.525	*******	-0.2041	-0.1119	-0.2159	-0.3498
0.550	-0.2852	-0.2168	-0.1258	-0.2355	-0.3145
0.575	*******	-0.2293	-0.1369	-0.2552	-0.3406
0.600	-0.3121	-0.2423	-0.1702	-0.2450	-0.3744
0.625	*******	*******	-0.1889	-0.2313	-0.4149
0.650	-0.3412	-0.2739	-0.2165	-0.2272	-0.4348
0.675	*******	-0.2924	-0.2345	-0.2285	-0.4403
0.700	-0.3685	-0.3142	-0.2371	-0.2420	-0.4598
0.725	*******	-0.3393	*******	-0.2856	-0.4743
0.750	-0.3953	-0.3664	*******	-0.3280	-0.4732
0.775	*******	-0.3993	-0.2641	-0.3455	-0.4926
0.800	-0.4223	-0.4375	-0.2843	-0.3854	*******
0.825	*******	-0.4807	-0.3099	-0.4683	-0.5090
0.850	-0.4517	-0.5216	-0.4120	-0.5995	-0.5036
0.875	*******	-0.5703	-0.7000	-0.5959	-0.5870
0.900	-0.4827	-0.6204	-0.9037	-0.6281	-0.9038
0.925	*******	-0.6765	-0.9612	-0.7862	-0.9765
0.950	-0.5430	-0.7392	-0.9558	-0.8824	-0.7863
0.975	*******	-1.0044	-0.9317	-0.7678	-0.7807
1.000	-0.6725	-1.0949	-0.8236	-1.1907	-0.9001
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1550	0.1553	0.2036	*******	-0.4801
-0.400	0.1508	0.1618	0.1715	0.0148	-0.6610
-0.600	0.1651	0.1659	0.1643	0.0463	-0.6837
-0.700	0.1851	0.1679	0.1663	0.0617	-0.6640
-0.800	0.2159	0.1842	0.1710	0.0845	-0.5970
-0.850	0.2321	0.2061	0.1822	0.0951	-0.5990
-0.900	*******	0.2304	0.2051	0.1190	-0.5836
-0.950	0.2431	0.2377	0.2260	0.1607	-0.2168
-0.975	*******	0.1926	0.1973	0.1614	-0.0597
-1.000	-0.6762	-1.0511	-1.1259	-0.9144	-0.7536



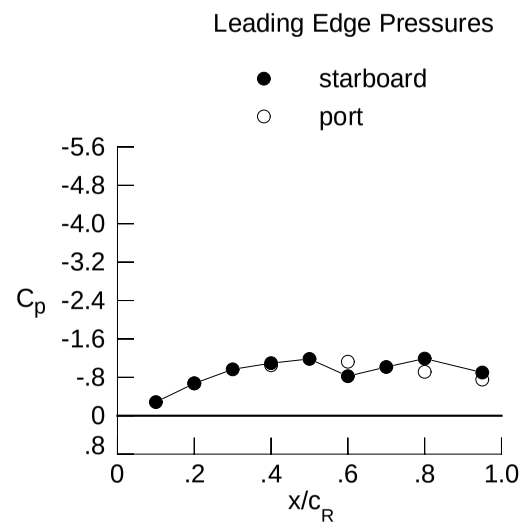
Medium Radius L.E.

Run No. = 10 , Point No. = 202

C_N = 0.369, C_m = -0.0718

α = 8.4 °, M_∞ = 0.849

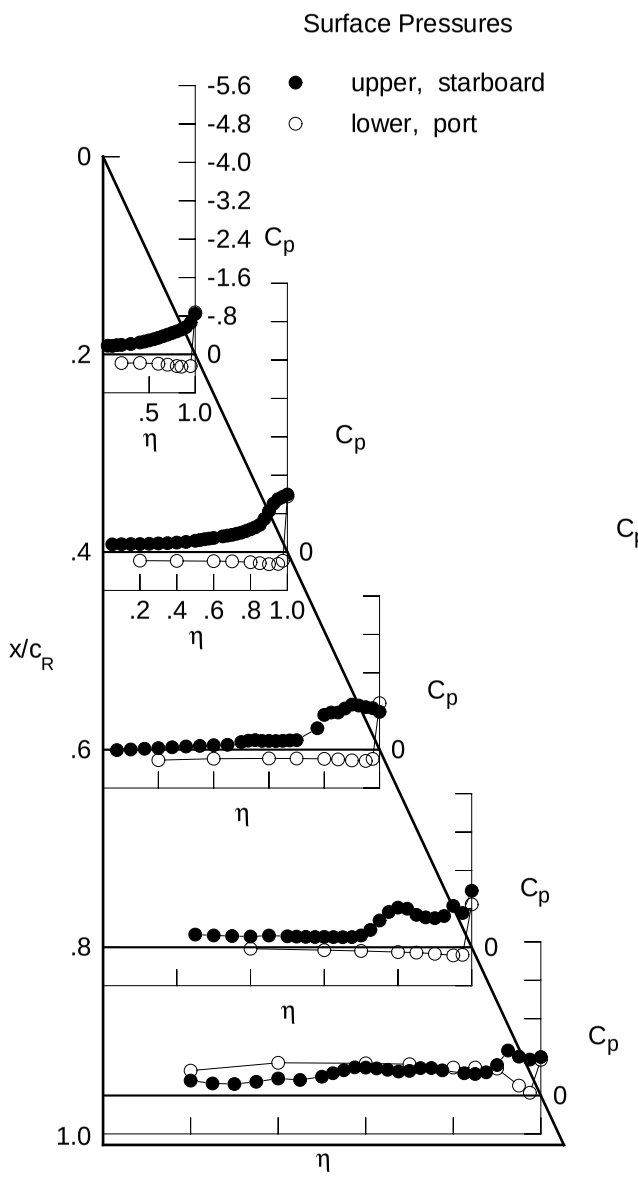
R_{mac} = 11.7×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.2843	*******
0.20	-0.6725	-0.6762
0.30	-0.9668	*******
0.40	-1.0949	-1.0511
0.50	-1.1834	*******
0.60	-0.8236	-1.1259
0.70	-1.0153	*******
0.80	-1.1907	-0.9144
0.90	*******	*******
0.95	-0.9001	-0.7536

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	-0.1809	-0.1594	0.0096	*******	*******
0.100	-0.1761	-0.1623	-0.0036	*******	*******
0.150	-0.1927	-0.1658	-0.0180	*******	*******
0.200	-0.1979	-0.1666	-0.0324	*******	-0.3100
0.250	*******	-0.1720	-0.0497	-0.2647	-0.2515
0.300	-0.2164	-0.1788	-0.0658	-0.2464	-0.2393
0.350	*******	-0.1851	-0.0781	-0.2342	-0.2859
0.400	-0.2476	-0.1970	-0.0931	-0.2240	-0.3546
0.450	-0.2678	-0.2103	-0.1011	-0.2447	-0.3242
0.500	-0.2908	-0.2347	-0.1588	-0.2289	-0.3919
0.525	*******	-0.2495	-0.1869	-0.2222	-0.4637
0.550	-0.3152	-0.2668	-0.1988	-0.2174	-0.5273
0.575	*******	-0.2800	-0.1827	-0.2145	-0.5865
0.600	-0.3457	-0.2934	-0.1823	-0.2157	-0.5819
0.625	*******	*******	-0.1794	-0.2129	-0.5641
0.650	-0.3784	-0.3258	-0.1841	-0.2103	-0.5358
0.675	*******	-0.3424	-0.1920	-0.2129	-0.4992
0.700	-0.4112	-0.3584	-0.1965	-0.2463	-0.5125
0.725	*******	-0.3808	*******	-0.3605	-0.5712
0.750	-0.4455	-0.4036	*******	-0.5586	-0.5731
0.775	*******	-0.4365	-0.4458	-0.7358	-0.5242
0.800	-0.4789	-0.4736	-0.7243	-0.8262	*******
0.825	*******	-0.5134	-0.7731	-0.8041	-0.4640
0.850	-0.5173	-0.5676	-0.7739	-0.6761	-0.4492
0.875	*******	-0.6893	-0.8572	-0.6234	-0.4830
0.900	-0.5682	-0.8526	-0.9383	-0.6062	-0.6348
0.925	*******	-1.0085	-0.9182	-0.6509	-0.9379
0.950	-0.6614	-1.1021	-0.8844	-0.8619	-0.8096
0.975	*******	-1.1486	-0.8640	-0.7133	-0.7486
1.000	-0.8464	-1.1987	-0.7872	-1.1776	-0.8016
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1807	0.1789	0.2191	*******	-0.5185
-0.400	0.1788	0.1849	0.1889	0.0294	-0.6818
-0.600	0.1947	0.1901	0.1832	0.0599	-0.6704
-0.700	0.2145	0.1947	0.1846	0.0767	-0.6517
-0.800	0.2423	0.2121	0.1922	0.0998	-0.5827
-0.850	0.2558	0.2323	0.2034	0.1112	-0.5827
-0.900	*******	0.2524	0.2237	0.1354	-0.5606
-0.950	0.2430	0.2475	0.2351	0.1686	-0.2065
-0.975	*******	0.1818	0.1925	0.1558	-0.0578
-1.000	-0.8759	-1.1593	-0.9673	-0.8938	-0.7438



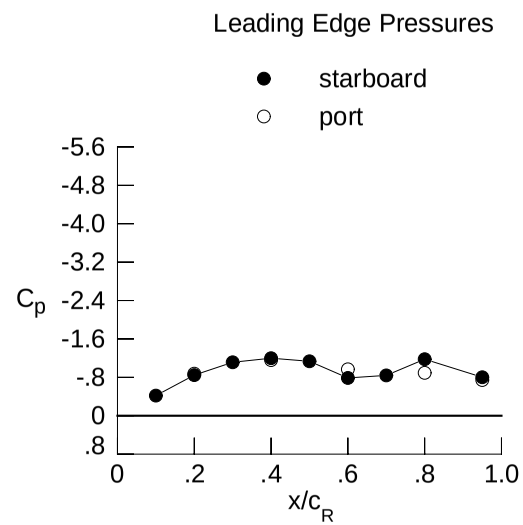
Medium Radius L.E.

Run No. = 10 , Point No. = 203

C_N = 0.423, C_m = -0.0799

α = 9.5 °, M_∞ = 0.850

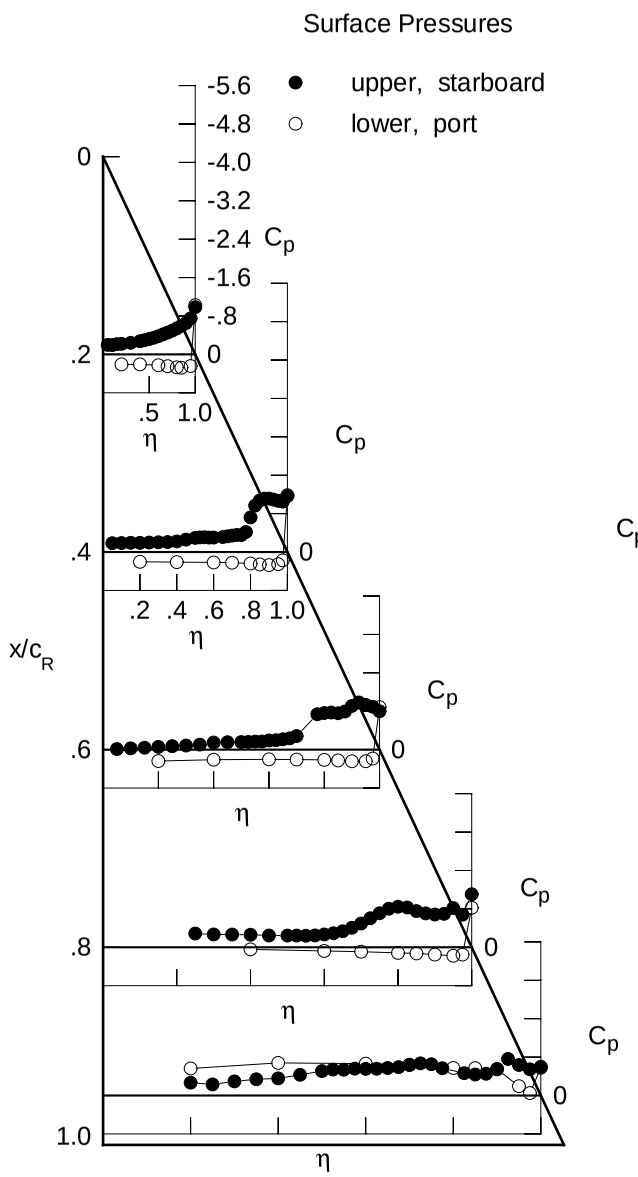
R_{mac} = 11.7×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.4193	*******
0.20	-0.8464	-0.8759
0.30	-1.1137	*******
0.40	-1.1987	-1.1593
0.50	-1.1344	*******
0.60	-0.7872	-0.9673
0.70	-0.8404	*******
0.80	-1.1776	-0.8938
0.90	*******	*******
0.95	-0.8016	-0.7438

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	-0.1978	-0.1843	-0.0122	*******	*******
0.100	-0.1933	-0.1872	-0.0270	*******	*******
0.150	-0.2127	-0.1919	-0.0403	*******	*******
0.200	-0.2202	-0.1912	-0.0573	*******	-0.2671
0.250	*******	-0.1979	-0.0721	-0.2860	-0.2309
0.300	-0.2410	-0.2036	-0.0860	-0.2673	-0.2943
0.350	*******	-0.2080	-0.1041	-0.2658	-0.3385
0.400	-0.2740	-0.2212	-0.1478	-0.2613	-0.3566
0.450	-0.2951	-0.2591	-0.1548	-0.2455	-0.4310
0.500	-0.3199	-0.2954	-0.1579	-0.2439	-0.5089
0.525	*******	-0.3052	-0.1610	-0.2450	-0.5410
0.550	-0.3466	-0.3073	-0.1679	-0.2411	-0.5373
0.575	*******	-0.3017	-0.1697	-0.2475	-0.5600
0.600	-0.3796	-0.3017	-0.1920	-0.2675	-0.5553
0.625	*******	*******	-0.1958	-0.2921	-0.5576
0.650	-0.4166	-0.3129	-0.2158	-0.3333	-0.5727
0.675	*******	-0.3273	-0.2355	-0.4068	-0.5903
0.700	-0.4547	-0.3422	-0.2831	-0.4964	-0.6340
0.725	*******	-0.3548	*******	-0.6044	-0.6704
0.750	-0.4948	-0.3535	*******	-0.7092	-0.6521
0.775	*******	-0.4176	-0.7373	-0.8029	-0.5679
0.800	-0.5417	-0.7213	-0.7621	-0.8452	*******
0.825	*******	-0.9668	-0.7729	-0.8298	-0.4654
0.850	-0.5948	-1.0733	-0.7582	-0.7547	-0.4379
0.875	*******	-1.1130	-0.7940	-0.7066	-0.4538
0.900	-0.6521	-1.1135	-0.9112	-0.6826	-0.5540
0.925	*******	-1.0930	-0.9828	-0.6966	-0.7619
0.950	-0.7520	-1.0665	-0.9330	-0.8163	-0.6352
0.975	*******	-1.0495	-0.8942	-0.6795	-0.5453
1.000	-0.9831	-1.1666	-0.7995	-1.1050	-0.5992
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2092	0.2035	0.2376	*******	-0.5632
-0.400	0.2078	0.2103	0.2097	0.0434	-0.6791
-0.600	0.2254	0.2170	0.2020	0.0764	-0.6637
-0.700	0.2455	0.2218	0.2068	0.0920	-0.6426
-0.800	0.2696	0.2392	0.2135	0.1167	-0.5733
-0.850	0.2785	0.2582	0.2244	0.1283	-0.5713
-0.900	*******	0.2723	0.2421	0.1516	-0.5438
-0.950	0.2424	0.2525	0.2418	0.1771	-0.1946
-0.975	*******	0.1720	0.1860	0.1519	-0.0500
-1.000	-1.0261	-1.1850	-0.8853	-0.8236	-0.5776



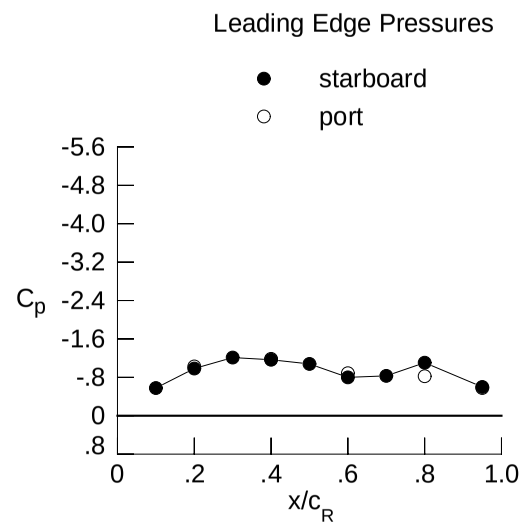
Medium Radius L.E.

Run No. = 10 , Point No. = 204

C_N = 0.478, C_m = -0.0871

α = 10.5 °, M_∞ = 0.849

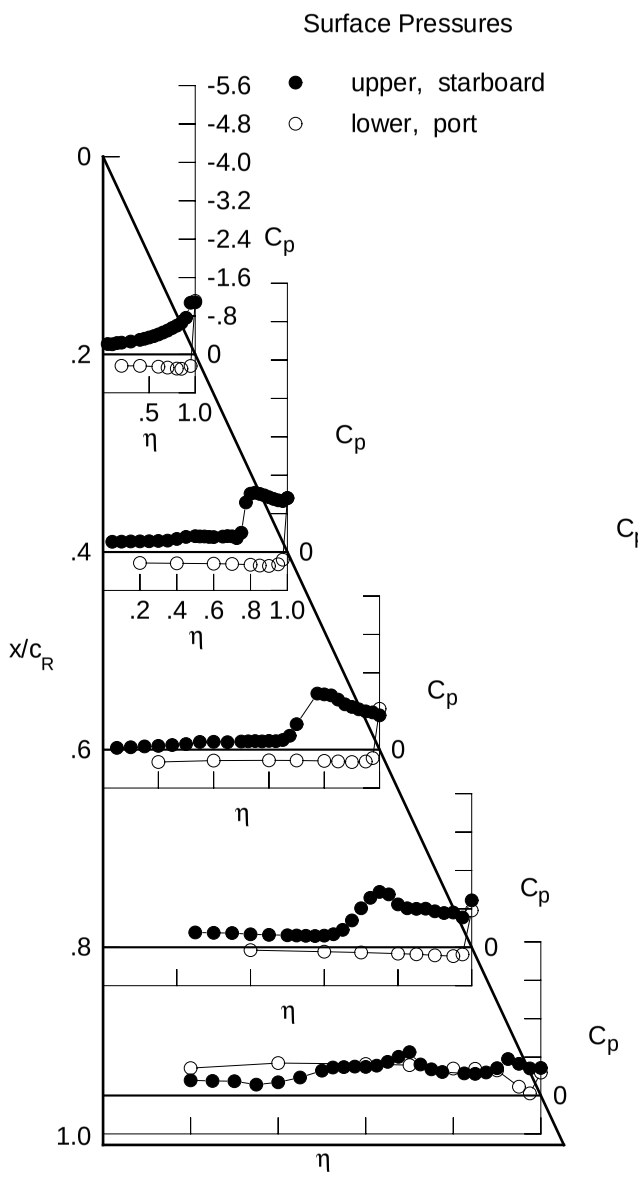
R_{mac} = 11.7×10^6



x/c_R	starb'd Cp	port Cp
0.10	-0.5771	*******
0.20	-0.9831	-1.0261
0.30	-1.2118	*******
0.40	-1.1666	-1.1850
0.50	-1.0792	*******
0.60	-0.7995	-0.8853
0.70	-0.8305	*******
0.80	-1.1050	-0.8236
0.90	*******	*******
0.95	-0.5992	-0.5776

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	-0.2164	-0.2136	-0.0364	*******	*******
0.100	-0.2107	-0.2164	-0.0496	*******	*******
0.150	-0.2358	-0.2209	-0.0669	*******	*******
0.200	-0.2443	-0.2225	-0.0784	*******	-0.3159
0.250	*******	-0.2250	-0.0963	-0.3088	-0.3036
0.300	-0.2670	-0.2311	-0.1157	-0.3004	-0.2978
0.350	*******	-0.2378	-0.1606	-0.2968	-0.2261
0.400	-0.3036	-0.2728	-0.1631	-0.2703	-0.2753
0.450	-0.3257	-0.3150	-0.1552	-0.2592	-0.3751
0.500	-0.3521	-0.3302	-0.1691	-0.2507	-0.5173
0.525	*******	-0.3252	-0.1737	-0.2457	-0.5830
0.550	-0.3803	-0.3236	-0.1784	-0.2391	-0.5918
0.575	*******	-0.3154	-0.1714	-0.2346	-0.6026
0.600	-0.4154	-0.3115	-0.1812	-0.2427	-0.5957
0.625	*******	*******	-0.1759	-0.2717	-0.6220
0.650	-0.4555	-0.3220	-0.2006	-0.3630	-0.7004
0.675	*******	-0.3323	-0.2889	-0.5594	-0.8065
0.700	-0.4966	-0.3274	-0.5304	-0.8128	-0.9033
0.725	*******	-0.2893	*******	-1.0305	-0.6462
0.750	-0.5486	-0.4025	*******	-1.1539	-0.5454
0.775	*******	-1.0330	-1.1678	-1.1025	-0.4899
0.800	-0.5980	-1.2152	-1.1511	-0.8936	*******
0.825	*******	-1.2367	-1.1305	-0.8131	-0.4609
0.850	-0.6568	-1.2102	-1.0421	-0.8009	-0.4512
0.875	*******	-1.1798	-0.9442	-0.8037	-0.4801
0.900	-0.7627	-1.1418	-0.8907	-0.7499	-0.5695
0.925	*******	-1.1062	-0.8397	-0.7137	-0.7598
0.950	-1.0763	-1.0776	-0.7980	-0.7237	-0.6597
0.975	*******	-1.0623	-0.7761	-0.6215	-0.5637
1.000	-1.0847	-1.1267	-0.7147	-0.9776	-0.5740
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2385	0.2283	0.2574	*******	-0.5707
-0.400	0.2389	0.2354	0.2282	0.0599	-0.6760
-0.600	0.2568	0.2425	0.2231	0.0923	-0.6563
-0.700	0.2755	0.2484	0.2258	0.1091	-0.6328
-0.800	0.2964	0.2650	0.2347	0.1322	-0.5616
-0.850	0.3001	0.2816	0.2453	0.1454	-0.5563
-0.900	*******	0.2894	0.2585	0.1678	-0.5238
-0.950	0.2413	0.2560	0.2470	0.1844	-0.1835
-0.975	*******	0.1594	0.1760	0.1476	-0.0436
-1.000	-1.1134	-1.1204	-0.8500	-0.7674	-0.4776



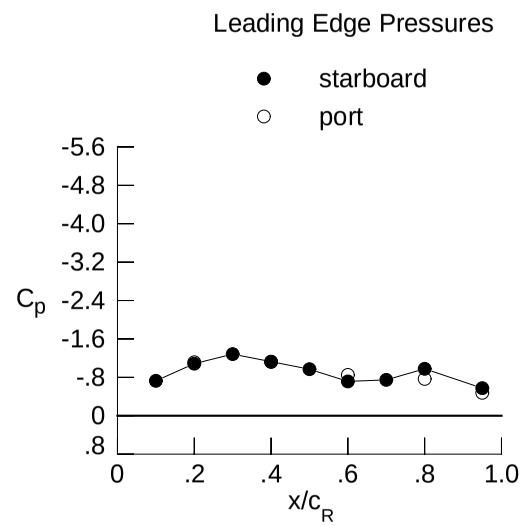
Medium Radius L.E.

Run No. = 10 , Point No. = 205

C_N = 0.540, C_m = -0.0973

α = 11.6 °, M_∞ = 0.850

R_{mac} = 11.7×10^6

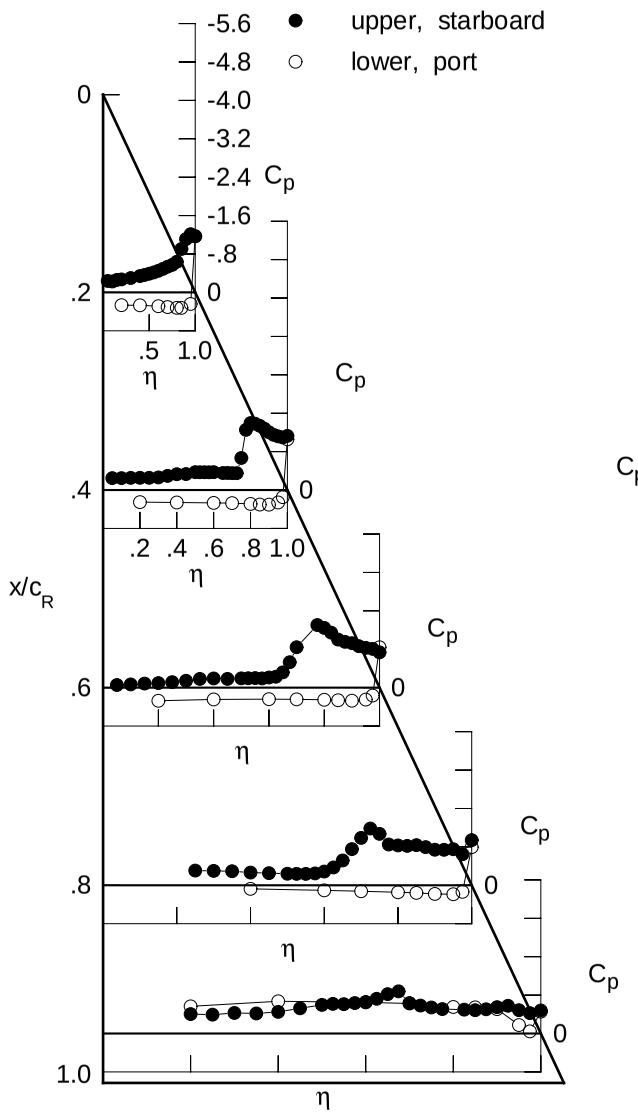


x/c_R	starb'd Cp	port Cp
0.10	-0.7271	*******
0.20	-1.0847	-1.1134
0.30	-1.2836	*******
0.40	-1.1267	-1.1204
0.50	-0.9692	*******
0.60	-0.7147	-0.8500
0.70	-0.7470	*******
0.80	-0.9776	-0.7674
0.90	*******	*******
0.95	-0.5740	-0.4776

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	-0.2384	-0.2478	-0.0542	*******	*******
0.100	-0.2269	-0.2481	-0.0669	*******	*******
0.150	-0.2601	-0.2539	-0.0844	*******	*******
0.200	-0.2702	-0.2549	-0.0953	*******	-0.4047
0.250	*******	-0.2550	-0.1143	-0.3066	-0.3925
0.300	-0.2989	-0.2627	-0.1435	-0.3000	-0.4282
0.350	*******	-0.2945	-0.1816	-0.2925	-0.4178
0.400	-0.3402	-0.3294	-0.1913	-0.2650	-0.4507
0.450	-0.3629	-0.3325	-0.1824	-0.2527	-0.5246
0.500	-0.3886	-0.3721	-0.1938	-0.2411	-0.5967
0.525	*******	-0.3708	-0.1958	-0.2386	-0.6177
0.550	-0.4158	-0.3706	-0.1992	-0.2380	-0.6110
0.575	*******	-0.3694	-0.1917	-0.2476	-0.6345
0.600	-0.4499	-0.3723	-0.2108	-0.2862	-0.6559
0.625	*******	*******	-0.2272	-0.3715	-0.7235
0.650	-0.4907	-0.3541	-0.3184	-0.5167	-0.8202
0.675	*******	-0.3562	-0.5292	-0.7534	-0.8785
0.700	-0.5344	-0.3511	-0.8412	-0.9872	-0.6336
0.725	*******	-0.3514	*******	-1.1824	-0.5828
0.750	-0.5727	-0.6678	*******	-1.0715	-0.5427
0.775	*******	-1.2536	-1.3036	-0.8499	-0.5090
0.800	-0.6375	-1.3948	-1.2444	-0.8308	*******
0.825	*******	-1.3812	-1.1457	-0.8210	-0.4969
0.850	-0.9039	-1.3388	-1.0012	-0.8363	-0.4858
0.875	*******	-1.2780	-0.9547	-0.7956	-0.5047
0.900	-1.1104	-1.2036	-0.9265	-0.7409	-0.5486
0.925	*******	-1.1500	-0.8638	-0.7390	-0.5777
0.950	-1.2131	-1.1182	-0.8290	-0.7514	-0.4862
0.975	*******	-1.0959	-0.8072	-0.6474	-0.4251
1.000	-1.1691	-1.1283	-0.7351	-0.9408	-0.4802
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2668	0.2518	0.2735	*******	-0.5660
-0.400	0.2688	0.2595	0.2458	0.0744	-0.6716
-0.600	0.2879	0.2679	0.2399	0.1059	-0.6488
-0.700	0.3052	0.2732	0.2439	0.1239	-0.6255
-0.800	0.3218	0.2892	0.2526	0.1458	-0.5529
-0.850	0.3222	0.3023	0.2624	0.1587	-0.5446
-0.900	*******	0.3050	0.2716	0.1796	-0.5083
-0.950	0.2405	0.2592	0.2484	0.1867	-0.1762
-0.975	*******	0.1482	0.1637	0.1363	-0.0446
-1.000	-1.1697	-1.0568	-0.8407	-0.7942	-0.4554

Surface Pressures



Medium Radius L.E.

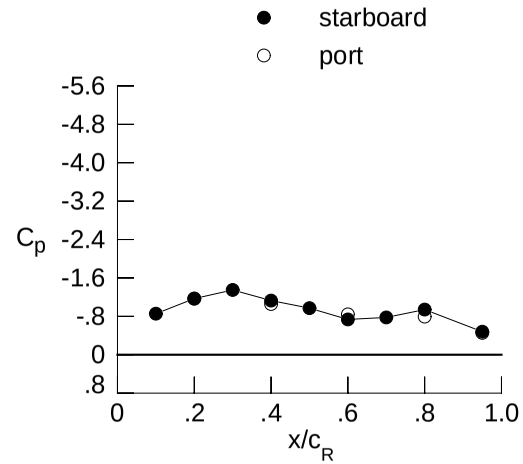
Run No. = 10 , Point No. = 206

C_N = 0.594, C_m = -0.1044

α = 12.6 °, M_∞ = 0.849

R_{mac} = 11.7×10^6

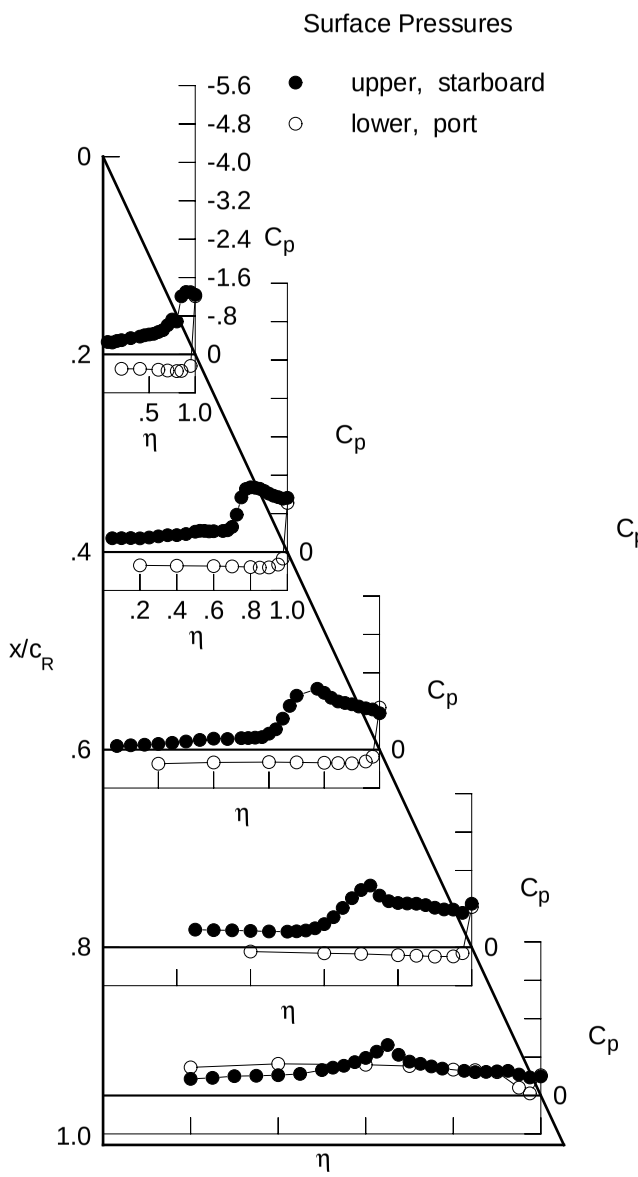
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8548	*******
0.20	-1.1691	-1.1697
0.30	-1.3494	*******
0.40	-1.1283	-1.0568
0.50	-0.9705	*******
0.60	-0.7351	-0.8407
0.70	-0.7769	*******
0.80	-0.9408	-0.7942
0.90	*******	*******
0.95	-0.4802	-0.4554

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	-0.2588	-0.2875	-0.0762	*******	*******
0.100	-0.2474	-0.2885	-0.0907	*******	*******
0.150	-0.2795	-0.2916	-0.1021	*******	*******
0.200	-0.2958	-0.2851	-0.1195	*******	-0.3468
0.250	*******	-0.3026	-0.1417	-0.3670	-0.3679
0.300	-0.3384	-0.3262	-0.1694	-0.3567	-0.4035
0.350	*******	-0.3505	-0.2026	-0.3534	-0.4109
0.400	-0.3706	-0.3520	-0.2285	-0.3412	-0.4235
0.450	-0.3981	-0.3755	-0.2214	-0.3295	-0.4506
0.500	-0.4144	-0.4232	-0.2394	-0.3254	-0.5293
0.525	*******	-0.4420	-0.2413	-0.3329	-0.5799
0.550	-0.4284	-0.4405	-0.2495	-0.3493	-0.6194
0.575	*******	-0.4293	-0.2609	-0.3962	-0.6956
0.600	-0.4665	-0.4333	-0.3328	-0.4823	-0.7833
0.625	*******	*******	-0.4239	-0.6274	-0.9132
0.650	-0.5057	-0.4385	-0.6456	-0.8197	-1.0518
0.675	*******	-0.4540	-0.9113	-1.0228	-0.8482
0.700	-0.6081	-0.5238	-1.1235	-1.1929	-0.7061
0.725	*******	-0.7777	*******	-1.2855	-0.6602
0.750	-0.7262	-1.1375	*******	-1.0764	-0.6060
0.775	*******	-1.3139	-1.2677	-0.9602	-0.5598
0.800	-0.6847	-1.3483	-1.1833	-0.9224	*******
0.825	*******	-1.3393	-1.0807	-0.9118	-0.5141
0.850	-1.2096	-1.3176	-1.0028	-0.9072	-0.4870
0.875	*******	-1.2716	-0.9719	-0.8786	-0.4919
0.900	-1.2998	-1.2163	-0.9447	-0.8238	-0.5034
0.925	*******	-1.1729	-0.8980	-0.7883	-0.5136
0.950	-1.2959	-1.1431	-0.8606	-0.7851	-0.4371
0.975	*******	-1.1109	-0.8371	-0.7165	-0.3763
1.000	-1.2405	-1.1298	-0.7587	-0.9072	-0.3973
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3005	0.2777	0.2932	*******	-0.5860
-0.400	0.3016	0.2858	0.2670	0.0889	-0.6600
-0.600	0.3202	0.2925	0.2595	0.1252	-0.6412
-0.700	0.3363	0.3000	0.2660	0.1379	-0.6135
-0.800	0.3479	0.3138	0.2733	0.1649	-0.5388
-0.850	0.3442	0.3245	0.2804	0.1764	-0.5280
-0.900	*******	0.3201	0.2854	0.1940	-0.4866
-0.950	0.2410	0.2616	0.2466	0.1901	-0.1642
-0.975	*******	0.1357	0.1470	0.1227	-0.0436
-1.000	-1.2111	-1.0233	-0.8754	-0.8373	-0.4217



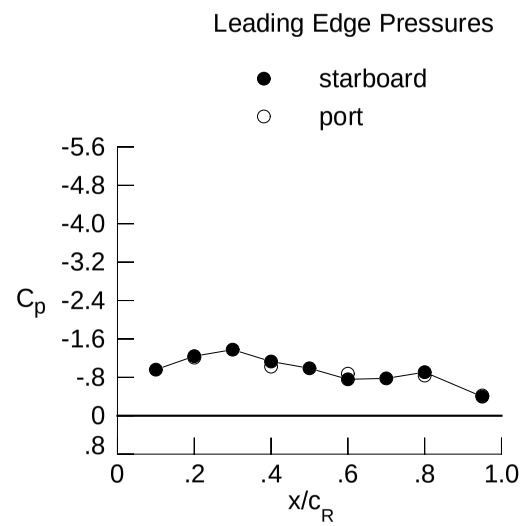
Medium Radius L.E.

Run No. = 10 , Point No. = 207

C_N = 0.654, C_m = -0.1134

α = 13.7 °, M_∞ = 0.850

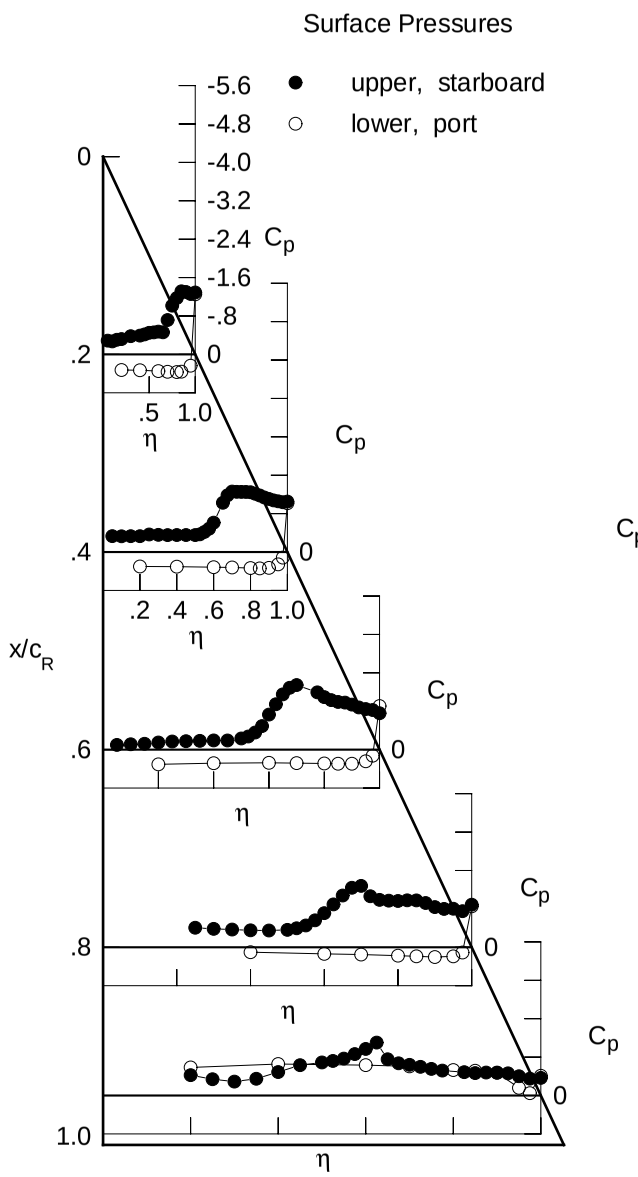
R_{mac} = 11.7×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.9603	*******
0.20	-1.2405	-1.2111
0.30	-1.3768	*******
0.40	-1.1298	-1.0233
0.50	-0.9882	*******
0.60	-0.7587	-0.8754
0.70	-0.7779	*******
0.80	-0.9072	-0.8373
0.90	*******	*******
0.95	-0.3973	-0.4217

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	-0.2864	-0.3314	-0.0983	*******	*******
0.100	-0.2704	-0.3281	-0.1116	*******	*******
0.150	-0.3052	-0.3301	-0.1227	*******	*******
0.200	-0.3195	-0.3306	-0.1487	*******	-0.4238
0.250	*******	-0.3653	-0.1696	-0.4068	-0.3390
0.300	-0.3789	-0.3583	-0.1763	-0.3841	-0.2899
0.350	*******	-0.3526	-0.1833	-0.3695	-0.3490
0.400	-0.3912	-0.3543	-0.1921	-0.3534	-0.4889
0.450	-0.4163	-0.3543	-0.1911	-0.3497	-0.6318
0.500	-0.4494	-0.3536	-0.2330	-0.3634	-0.6884
0.525	*******	-0.3688	-0.2737	-0.3964	-0.7201
0.550	-0.4588	-0.4183	-0.3567	-0.4548	-0.7686
0.575	*******	-0.4853	-0.4910	-0.5614	-0.8635
0.600	-0.4742	-0.6123	-0.7304	-0.7110	-0.9705
0.625	*******	*******	-0.9453	-0.8933	-1.1025
0.650	-0.4604	-1.0264	-1.1514	-1.0781	-0.7550
0.675	*******	-1.1813	-1.2888	-1.2399	-0.6715
0.700	-0.7163	-1.2598	-1.3454	-1.2794	-0.6389
0.725	*******	-1.2543	*******	-1.0636	-0.5977
0.750	-1.0151	-1.2527	*******	-0.9879	-0.5548
0.775	*******	-1.2518	-1.1934	-0.9708	-0.5192
0.800	-1.1745	-1.2457	-1.0941	-0.9646	*******
0.825	*******	-1.2142	-1.0316	-0.9781	-0.4863
0.850	-1.3145	-1.1787	-0.9935	-0.9769	-0.4673
0.875	*******	-1.1370	-0.9803	-0.9228	-0.4783
0.900	-1.2996	-1.1056	-0.9385	-0.8375	-0.4777
0.925	*******	-1.0763	-0.8794	-0.7993	-0.4625
0.950	-1.2588	-1.0567	-0.8458	-0.8034	-0.4018
0.975	*******	-1.0378	-0.8259	-0.7520	-0.3513
1.000	-1.2892	-1.0514	-0.7586	-0.8869	-0.3668
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3253	0.3006	0.3061	*******	-0.5844
-0.400	0.3303	0.3050	0.2821	0.1022	-0.6557
-0.600	0.3478	0.3157	0.2740	0.1371	-0.6326
-0.700	0.3625	0.3217	0.2811	0.1510	-0.6073
-0.800	0.3682	0.3336	0.2884	0.1748	-0.5301
-0.850	0.3603	0.3406	0.2939	0.1877	-0.5161
-0.900	*******	0.3297	0.2937	0.2034	-0.4730
-0.950	0.2353	0.2570	0.2425	0.1886	-0.1601
-0.975	*******	0.1157	0.1265	0.1088	-0.0486
-1.000	-1.2512	-1.0168	-0.9079	-0.8539	-0.4112



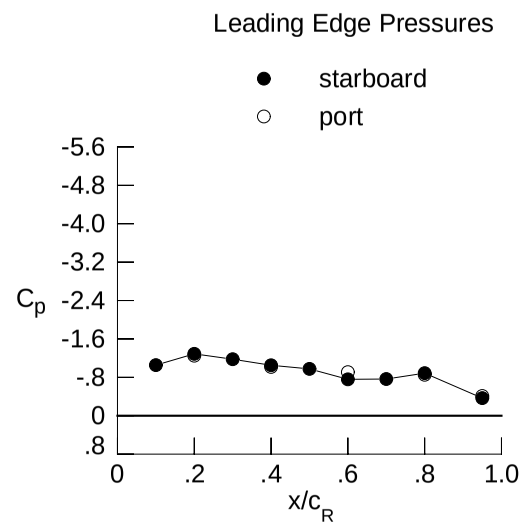
Medium Radius L.E.

Run No. = 10 , Point No. = 208

C_N = 0.711, C_m = -0.1211

α = 14.7 °, M_∞ = 0.849

R_{mac} = 11.7×10^6

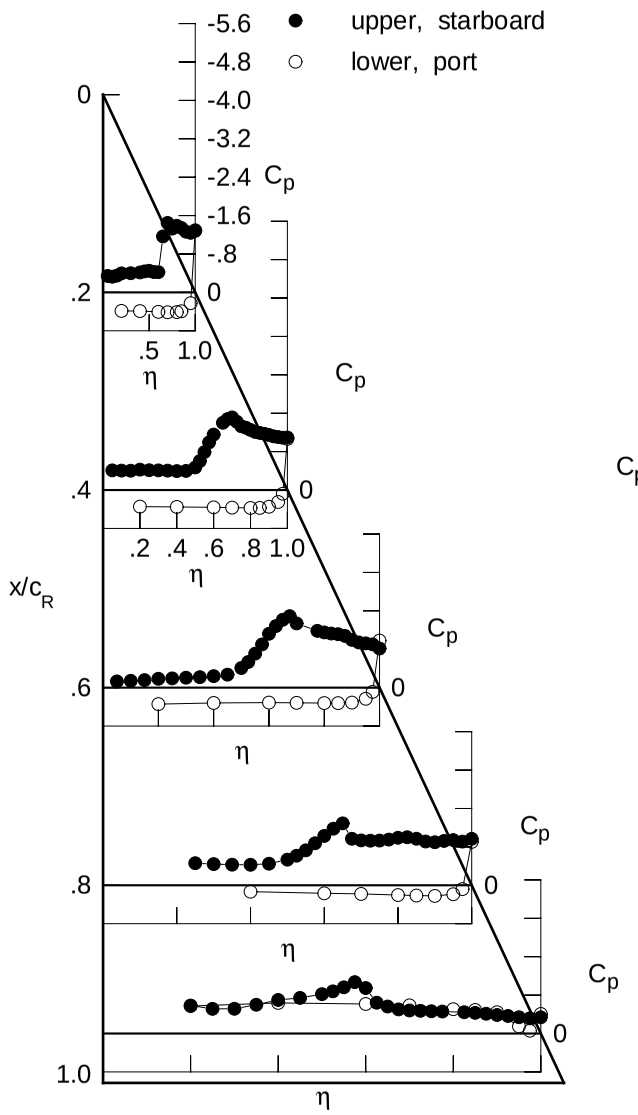


x/c_R	starb'd C_p	port C_p
0.10	-1.0540	*******
0.20	-1.2892	-1.2512
0.30	-1.1773	*******
0.40	-1.0514	-1.0168
0.50	-0.9757	*******
0.60	-0.7586	-0.9079
0.70	-0.7646	*******
0.80	-0.8869	-0.8539
0.90	*******	*******
0.95	-0.3668	-0.4112

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	-0.3427	-0.4093	-0.1293	*******	*******
0.100	-0.3268	-0.4049	-0.1425	*******	*******
0.150	-0.3497	-0.4025	-0.1570	*******	*******
0.200	-0.3956	-0.4247	-0.1848	*******	-0.5821
0.250	*******	-0.4128	-0.1928	-0.4600	-0.5137
0.300	-0.3988	-0.4095	-0.2070	-0.4419	-0.5148
0.350	*******	-0.4042	-0.2186	-0.4297	-0.5989
0.400	-0.4154	-0.3952	-0.2399	-0.4271	-0.6992
0.450	-0.4374	-0.3982	-0.2705	-0.4495	-0.7414
0.500	-0.4500	-0.4706	-0.4085	-0.5333	-0.8204
0.525	*******	-0.6037	-0.5336	-0.6163	-0.8782
0.550	-0.4247	-0.7908	-0.7080	-0.7277	-0.9621
0.575	*******	-0.9920	-0.9010	-0.8751	-1.0706
0.600	-0.4220	-1.1553	-1.1224	-1.0279	-0.9472
0.625	*******	*******	-1.2821	-1.1793	-0.6417
0.650	-1.1662	-1.4019	-1.4141	-1.2902	-0.5622
0.675	*******	-1.4771	-1.4898	-0.9688	-0.5026
0.700	-1.4468	-1.5128	-1.3372	-0.9349	-0.4799
0.725	*******	-1.4237	*******	-0.9290	-0.4731
0.750	-1.3285	-1.3285	*******	-0.9320	-0.4642
0.775	*******	-1.2981	-1.1829	-0.9522	-0.4572
0.800	-1.3877	-1.2526	-1.1504	-0.9896	*******
0.825	*******	-1.2112	-1.1274	-1.0005	-0.4436
0.850	-1.3427	-1.1902	-1.1136	-0.9698	-0.4301
0.875	*******	-1.1714	-1.0777	-0.9120	-0.4124
0.900	-1.2649	-1.1477	-0.9953	-0.8970	-0.3854
0.925	*******	-1.1184	-0.9413	-0.9237	-0.3659
0.950	-1.2409	-1.1043	-0.9221	-0.9428	-0.3390
0.975	*******	-1.0905	-0.9014	-0.9102	-0.3160
1.000	-1.2821	-1.0943	-0.8155	-0.9680	-0.3378
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3853	0.3457	0.3433	*******	-0.5722
-0.400	0.3894	0.3519	0.3189	0.1328	-0.6372
-0.600	0.4052	0.3607	0.3115	0.1670	-0.6150
-0.700	0.4142	0.3665	0.3167	0.1796	-0.5866
-0.800	0.4101	0.3734	0.3212	0.2033	-0.5061
-0.850	0.3926	0.3726	0.3222	0.2134	-0.4898
-0.900	*******	0.3478	0.3110	0.2219	-0.4431
-0.950	0.2247	0.2488	0.2324	0.1862	-0.1483
-0.975	*******	0.0778	0.0873	0.0796	-0.0588
-1.000	-1.2943	-1.0645	-0.9796	-0.9032	-0.4078

Surface Pressures



Medium Radius L.E.

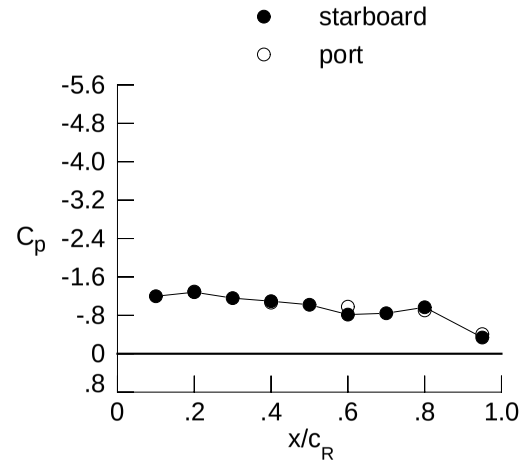
Run No. = 10 , Point No. = 209

C_N = 0.811, C_m = -0.1304

α = 16.8 °, M_∞ = 0.849

R_{mac} = 11.7×10^6

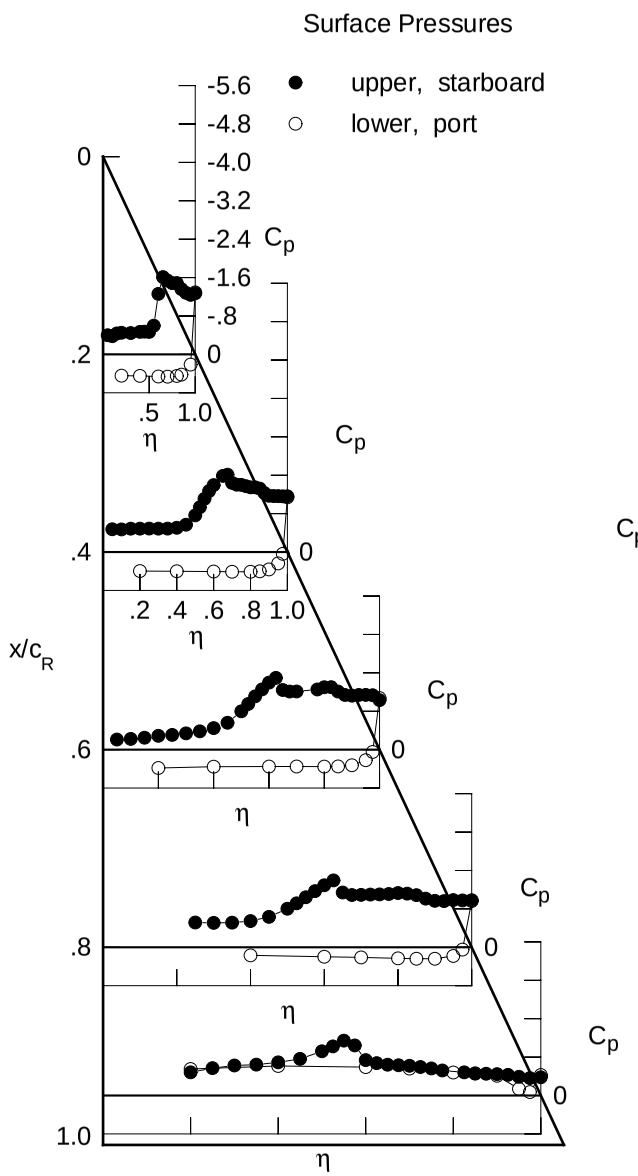
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-1.1972	*******
0.20	-1.2821	-1.2943
0.30	-1.1583	*******
0.40	-1.0943	-1.0645
0.50	-1.0202	*******
0.60	-0.8155	-0.9796
0.70	-0.8430	*******
0.80	-0.9680	-0.9032
0.90	*******	*******
0.95	-0.3378	-0.4078

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	-0.3993	-0.4741	-0.2102	*******	*******
0.100	-0.3782	-0.4714	-0.2236	*******	*******
0.150	-0.4366	-0.4862	-0.2485	*******	*******
0.200	-0.4506	-0.4872	-0.2878	*******	-0.4833
0.250	*******	-0.4884	-0.3068	-0.5160	-0.5706
0.300	-0.4450	-0.4875	-0.3390	-0.5084	-0.6255
0.350	*******	-0.4883	-0.3814	-0.5134	-0.6429
0.400	-0.4694	-0.5055	-0.4492	-0.5468	-0.6908
0.450	-0.4737	-0.5694	-0.5598	-0.6337	-0.7629
0.500	-0.4677	-0.7641	-0.7985	-0.8033	-0.9213
0.525	*******	-0.9328	-0.9511	-0.9158	-1.0230
0.550	-0.5988	-1.1089	-1.1107	-1.0427	-1.1432
0.575	*******	-1.2699	-1.2550	-1.1702	-1.0429
0.600	-1.2597	-1.3947	-1.3960	-1.2920	-0.7374
0.625	*******	*******	-1.4951	-1.3937	-0.6743
0.650	-1.6101	-1.5865	-1.2423	-1.1410	-0.6419
0.675	*******	-1.6109	-1.2103	-1.0891	-0.6306
0.700	-1.5373	-1.4398	-1.2124	-1.0922	-0.6190
0.725	*******	-1.4031	*******	-1.0988	-0.5933
0.750	-1.4849	-1.3990	*******	-1.1017	-0.5637
0.775	*******	-1.3721	-1.2534	-1.1106	-0.5214
0.800	-1.4865	-1.3477	-1.2999	-1.1305	*******
0.825	*******	-1.3476	-1.3018	-1.1180	-0.4825
0.850	-1.3599	-1.3212	-1.2104	-1.0862	-0.4564
0.875	*******	-1.2302	-1.1391	-1.0132	-0.4539
0.900	-1.2824	-1.1718	-1.1241	-0.9682	-0.4448
0.925	*******	-1.1664	-1.1391	-0.9623	-0.4308
0.950	-1.2401	-1.1648	-1.1411	-0.9840	-0.3898
0.975	*******	-1.1604	-1.1332	-0.9761	-0.3629
1.000	-1.2725	-1.1613	-1.0323	-0.9807	-0.3804
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4436	0.3963	0.3826	*******	-0.5522
-0.400	0.4483	0.4010	0.3554	0.1679	-0.6154
-0.600	0.4606	0.4067	0.3520	0.1971	-0.5917
-0.700	0.4640	0.4113	0.3513	0.2108	-0.5605
-0.800	0.4492	0.4111	0.3536	0.2306	-0.4791
-0.850	0.4212	0.4018	0.3495	0.2383	-0.4616
-0.900	*******	0.3622	0.3256	0.2389	-0.4112
-0.950	0.2119	0.2368	0.2202	0.1804	-0.1383
-0.975	*******	0.0376	0.0476	0.0479	-0.0723
-1.000	-1.2924	-1.1391	-1.0750	-0.9633	-0.4271



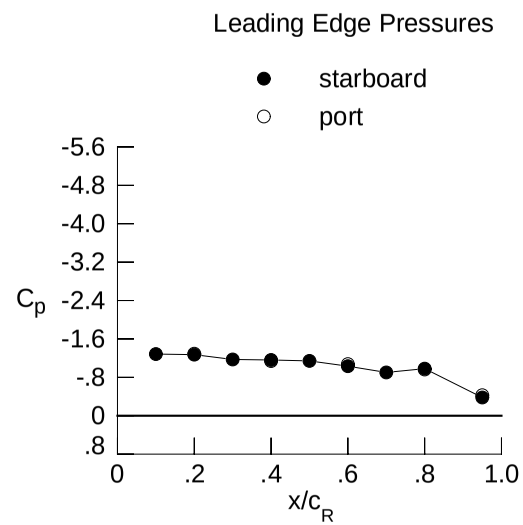
Medium Radius L.E.

Run No. = 10 , Point No. = 210

C_N = 0.932, C_m = -0.1526

α = 18.9 °, M_∞ = 0.849

R_{mac} = 11.7×10^6

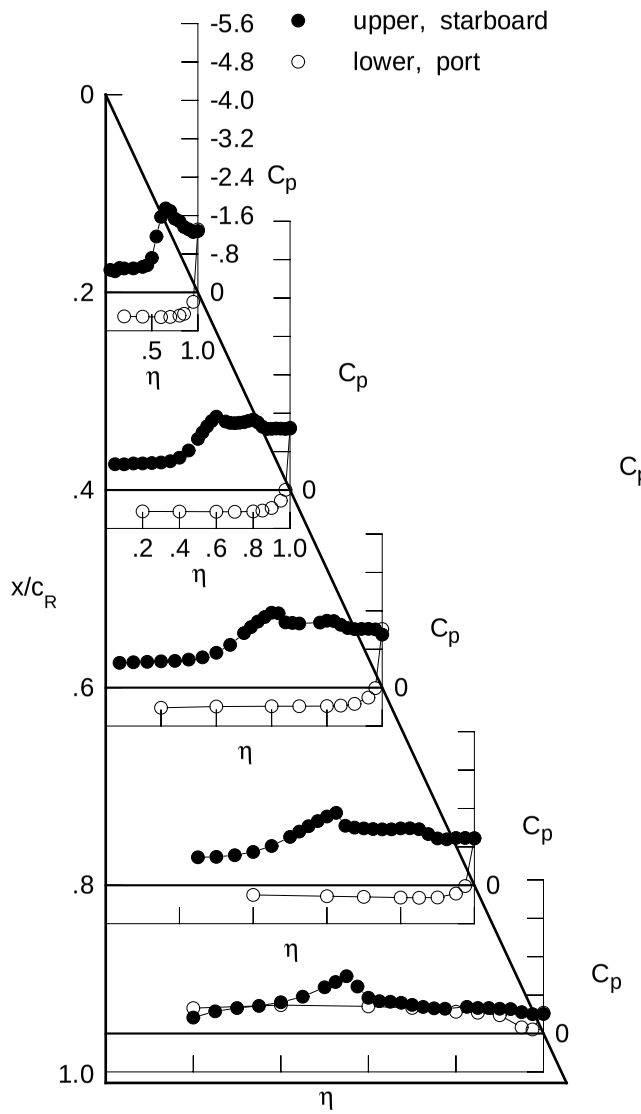


x/c_R	starb'd C_p	port C_p
0.10	-1.2848	*******
0.20	-1.2725	-1.2924
0.30	-1.1723	*******
0.40	-1.1613	-1.1391
0.50	-1.1422	*******
0.60	-1.0323	-1.0750
0.70	-0.9018	*******
0.80	-0.9807	-0.9633
0.90	*******	*******
0.95	-0.3804	-0.4271

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	-0.4686	-0.5379	-0.5168	*******	*******
0.100	-0.4391	-0.5359	-0.5284	*******	*******
0.150	-0.5088	-0.5535	-0.5379	*******	*******
0.200	-0.4987	-0.5540	-0.5482	*******	-0.3323
0.250	*******	-0.5624	-0.5578	-0.5834	-0.4619
0.300	-0.5001	-0.5733	-0.5841	-0.5924	-0.5303
0.350	*******	-0.6001	-0.6309	-0.6262	-0.5755
0.400	-0.5311	-0.6739	-0.7267	-0.6948	-0.6513
0.450	-0.5655	-0.8239	-0.8909	-0.8184	-0.7669
0.500	-0.7180	-1.0646	-1.1357	-1.0079	-0.9633
0.525	*******	-1.1997	-1.2606	-1.1184	-1.0729
0.550	-1.1647	-1.3283	-1.3757	-1.2301	-1.1933
0.575	*******	-1.4390	-1.4715	-1.3372	-0.9780
0.600	-1.5739	-1.5290	-1.5610	-1.4331	-0.7444
0.625	*******	*******	-1.5491	-1.5087	-0.6736
0.650	-1.7497	-1.4274	-1.3594	-1.2402	-0.6612
0.675	*******	-1.3992	-1.3481	-1.2012	-0.6399
0.700	-1.6949	-1.3926	-1.3364	-1.1852	-0.5956
0.725	*******	-1.4020	*******	-1.1723	-0.5532
0.750	-1.5349	-1.4126	*******	-1.1650	-0.5246
0.775	*******	-1.4413	-1.3561	-1.1658	-0.5163
0.800	-1.4824	-1.4676	-1.3940	-1.1854	*******
0.825	*******	-1.4084	-1.3873	-1.1883	-0.5554
0.850	-1.3635	-1.3190	-1.3099	-1.1682	-0.5319
0.875	*******	-1.2729	-1.2420	-1.0670	-0.5314
0.900	-1.3127	-1.2751	-1.2196	-0.9763	-0.5160
0.925	*******	-1.2828	-1.2231	-0.9576	-0.5087
0.950	-1.2572	-1.2788	-1.2245	-0.9853	-0.4451
0.975	*******	-1.2729	-1.2135	-0.9867	-0.4034
1.000	-1.2775	-1.2804	-1.1043	-0.9749	-0.4061
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5008	0.4460	0.4197	*******	-0.5291
-0.400	0.5058	0.4489	0.3940	0.2010	-0.5914
-0.600	0.5140	0.4516	0.3876	0.2282	-0.5652
-0.700	0.5116	0.4540	0.3872	0.2414	-0.5339
-0.800	0.4838	0.4459	0.3843	0.2560	-0.4524
-0.850	0.4464	0.4282	0.3740	0.2603	-0.4334
-0.900	*******	0.3735	0.3382	0.2536	-0.3811
-0.950	0.1979	0.2214	0.2070	0.1725	-0.1285
-0.975	*******	-0.0039	0.0104	0.0163	-0.0851
-1.000	-1.3110	-1.2966	-1.2208	-0.9824	-0.4337

Surface Pressures



Medium Radius L.E.

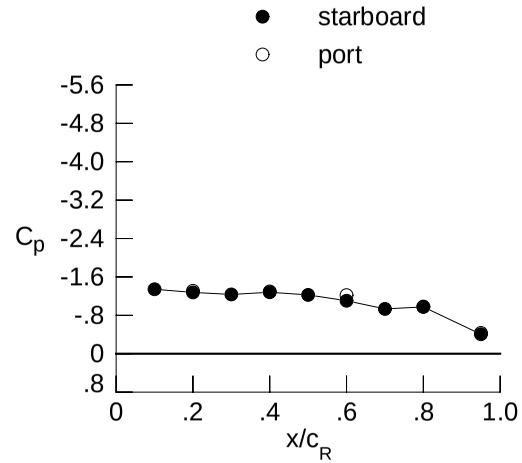
Run No. = 10 , Point No. = 211

C_N = 1.047, C_m = -0.1728

α = 21.0 °, M_∞ = 0.850

R_{mac} = 11.7×10^6

Leading Edge Pressures

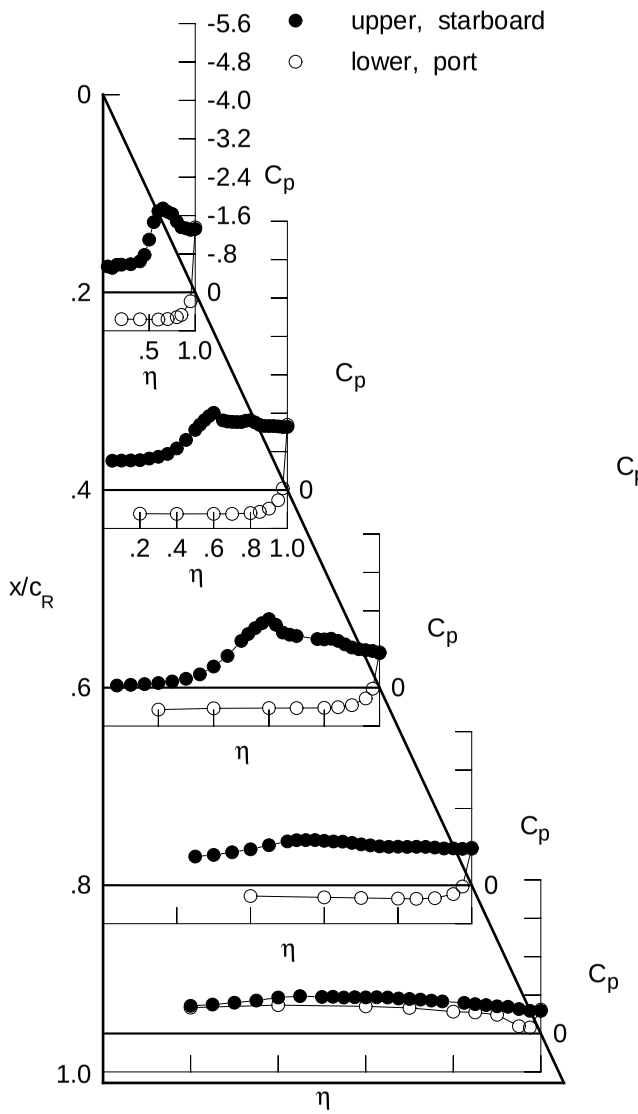


x/c_R	starb'd C_p	port C_p
0.10	-1.3429	*******
0.20	-1.2775	-1.3110
0.30	-1.2353	*******
0.40	-1.2804	-1.2966
0.50	-1.2258	*******
0.60	-1.1043	-1.2208
0.70	-0.9336	*******
0.80	-0.9749	-0.9824
0.90	*******	*******
0.95	-0.4061	-0.4337

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	-0.5400	-0.6102	-0.0443	*******	*******
0.100	-0.5112	-0.6134	-0.0586	*******	*******
0.150	-0.5742	-0.6165	-0.0739	*******	*******
0.200	-0.5773	-0.6226	-0.0956	*******	-0.5759
0.250	*******	-0.6551	-0.1289	-0.5991	-0.6034
0.300	-0.5873	-0.6930	-0.1845	-0.6328	-0.6412
0.350	*******	-0.7526	-0.2760	-0.6883	-0.6863
0.400	-0.6465	-0.8669	-0.4401	-0.7497	-0.7501
0.450	-0.7809	-1.0443	-0.6611	-0.8354	-0.7789
0.500	-1.0994	-1.2518	-0.9734	-0.9143	-0.7622
0.525	*******	-1.3583	-1.1176	-0.9394	-0.7655
0.550	-1.4636	-1.4537	-1.2399	-0.9411	-0.7496
0.575	*******	-1.5407	-1.3433	-0.9422	-0.7557
0.600	-1.6915	-1.6085	-1.4286	-0.9261	-0.7521
0.625	*******	*******	-1.3093	-0.9127	-0.7555
0.650	-1.7488	-1.4512	-1.1475	-0.9091	-0.7505
0.675	*******	-1.4280	-1.1028	-0.8831	-0.7296
0.700	-1.6787	-1.4201	-1.0756	-0.8528	-0.7196
0.725	*******	-1.4161	*******	-0.8314	-0.7061
0.750	-1.6333	-1.4171	*******	-0.8102	-0.6864
0.775	*******	-1.4439	-1.0120	-0.8013	-0.6691
0.800	-1.4785	-1.4535	-1.0050	-0.8038	*******
0.825	*******	-1.4066	-1.0195	-0.7996	-0.6385
0.850	-1.3575	-1.3562	-0.9747	-0.8020	-0.6120
0.875	*******	-1.3352	-0.9009	-0.7998	-0.5924
0.900	-1.3348	-1.3333	-0.8359	-0.7866	-0.5663
0.925	*******	-1.3335	-0.8011	-0.7666	-0.5571
0.950	-1.3031	-1.3246	-0.7812	-0.7692	-0.5093
0.975	*******	-1.3126	-0.7641	-0.7594	-0.4737
1.000	-1.3201	-1.3160	-0.7184	-0.7624	-0.4713
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5579	0.4928	0.4577	*******	-0.5395
-0.400	0.5613	0.4971	0.4313	0.2243	-0.5915
-0.600	0.5645	0.4960	0.4259	0.2518	-0.5653
-0.700	0.5552	0.4967	0.4261	0.2636	-0.5328
-0.800	0.5164	0.4804	0.4211	0.2779	-0.4551
-0.850	0.4691	0.4550	0.4083	0.2813	-0.4393
-0.900	*******	0.3872	0.3658	0.2688	-0.3901
-0.950	0.1845	0.2124	0.2245	0.1829	-0.1513
-0.975	*******	-0.0351	0.0227	0.0253	-0.1254
-1.000	-1.3554	-1.3580	-0.7367	-0.7812	-0.4976

Surface Pressures



Medium Radius L.E.

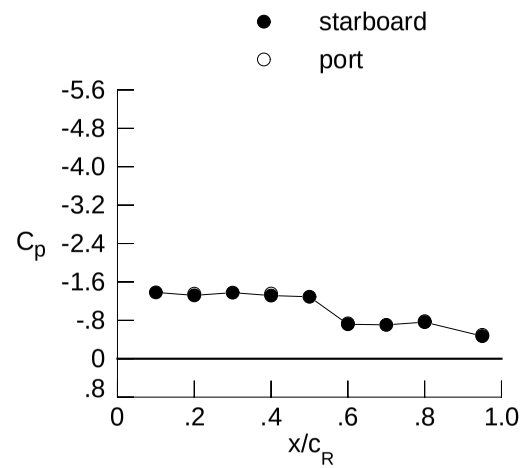
Run No. = 10 , Point No. = 212

C_N = 1.054, C_m = -0.1727

α = 23.0 °, M_∞ = 0.850

R_{mac} = 11.7×10^6

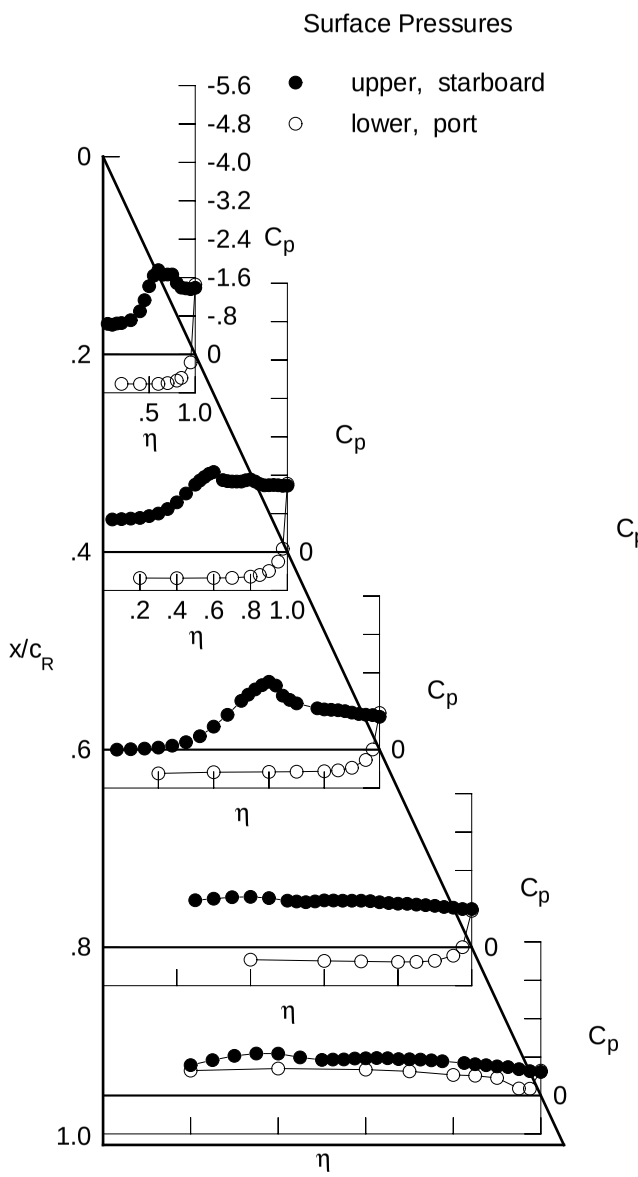
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3817	*******
0.20	-1.3201	-1.3554
0.30	-1.3767	*******
0.40	-1.3160	-1.3580
0.50	-1.2908	*******
0.60	-0.7184	-0.7367
0.70	-0.7054	*******
0.80	-0.7624	-0.7812
0.90	*******	*******
0.95	-0.4713	-0.4976

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	-0.6367	-0.6786	0.0003	*******	*******
0.100	-0.6169	-0.6854	-0.0091	*******	*******
0.150	-0.6436	-0.6957	-0.0218	*******	*******
0.200	-0.6526	-0.7107	-0.0424	*******	-0.6327
0.250	*******	-0.7490	-0.0821	-0.9803	-0.7372
0.300	-0.7117	-0.8019	-0.1554	-1.0116	-0.8261
0.350	*******	-0.8960	-0.2795	-1.0435	-0.8744
0.400	-0.8972	-1.0354	-0.4793	-1.0508	-0.8729
0.450	-1.1295	-1.2194	-0.7255	-1.0251	-0.7933
0.500	-1.4212	-1.4030	-1.0162	-0.9713	-0.7414
0.525	*******	-1.4886	-1.1451	-0.9534	-0.7486
0.550	-1.6397	-1.5627	-1.2546	-0.9392	-0.7510
0.575	*******	-1.6291	-1.3431	-0.9555	-0.7705
0.600	-1.7552	-1.6670	-1.4133	-0.9766	-0.7750
0.625	*******	*******	-1.3347	-0.9748	-0.7807
0.650	-1.6599	-1.4985	-1.1248	-0.9704	-0.7765
0.675	*******	-1.4768	-1.0361	-0.9700	-0.7580
0.700	-1.6640	-1.4691	-0.9632	-0.9703	-0.7554
0.725	*******	-1.4677	*******	-0.9610	-0.7481
0.750	-1.6647	-1.4684	*******	-0.9381	-0.7331
0.775	*******	-1.4952	-0.8606	-0.9216	-0.7135
0.800	-1.4872	-1.5122	-0.8377	-0.9080	*******
0.825	*******	-1.4689	-0.8299	-0.9058	-0.6767
0.850	-1.3907	-1.4158	-0.8209	-0.8886	-0.6520
0.875	*******	-1.3900	-0.8018	-0.8779	-0.6315
0.900	-1.3750	-1.3921	-0.7711	-0.8630	-0.6075
0.925	*******	-1.3967	-0.7425	-0.8396	-0.5917
0.950	-1.3595	-1.3908	-0.7273	-0.8249	-0.5485
0.975	*******	-1.3791	-0.7189	-0.7970	-0.5072
1.000	-1.3872	-1.3826	-0.6843	-0.7967	-0.4906
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6146	0.5418	0.4954	*******	-0.5187
-0.400	0.6171	0.5447	0.4706	0.2586	-0.5619
-0.600	0.6146	0.5401	0.4637	0.2836	-0.5391
-0.700	0.5983	0.5381	0.4597	0.2941	-0.5035
-0.800	0.5466	0.5136	0.4507	0.3050	-0.4280
-0.850	0.4900	0.4784	0.4322	0.3039	-0.4129
-0.900	*******	0.3961	0.3776	0.2825	-0.3658
-0.950	0.1667	0.1991	0.2155	0.1754	-0.1457
-0.975	*******	-0.0691	-0.0036	-0.0021	-0.1419
-1.000	-1.4546	-1.4213	-0.7631	-0.7594	-0.5173



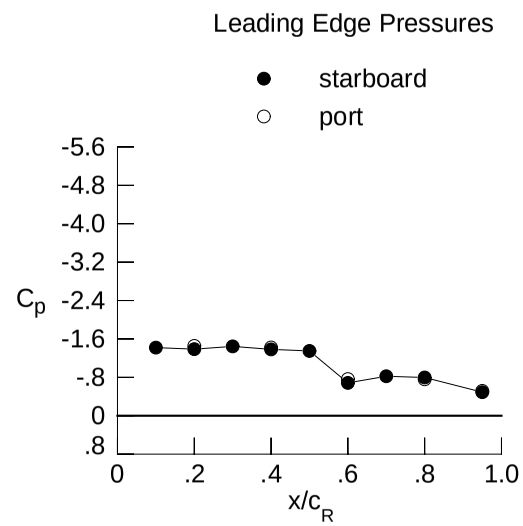
Medium Radius L.E.

Run No. = 10 , Point No. = 213

C_N = 1.144, C_m = -0.1826

α = 25.1 °, M_∞ = 0.849

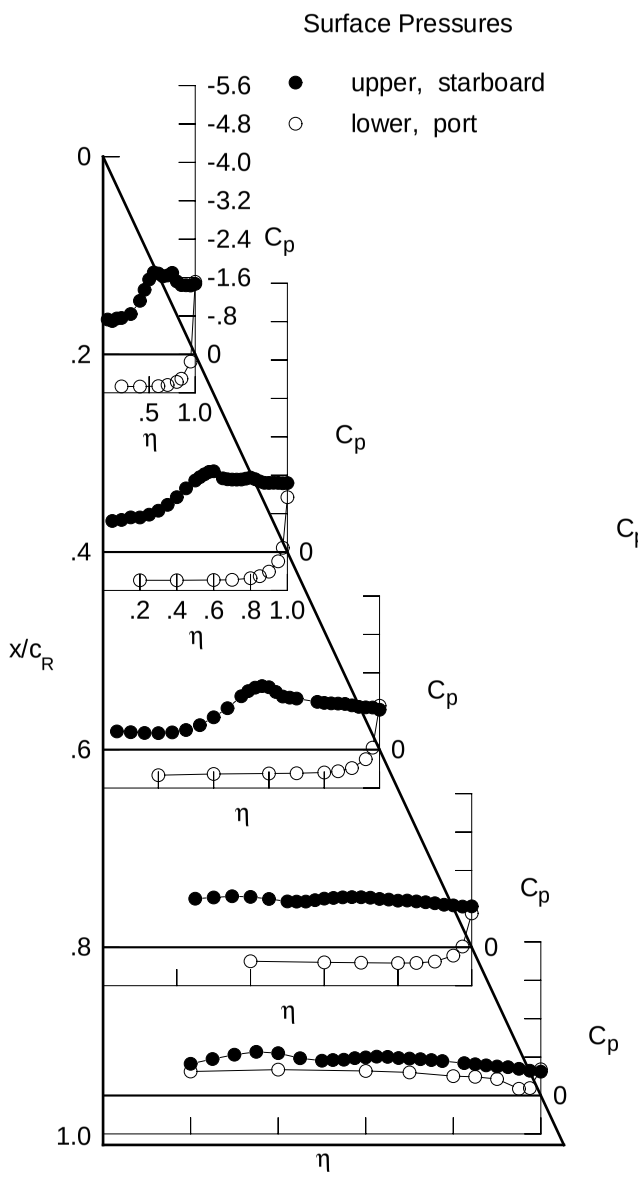
R_{mac} = 11.6×10^6



x/c_R	starb'd Cp	port Cp
0.10	-1.4190	*******
0.20	-1.3872	-1.4546
0.30	-1.4447	*******
0.40	-1.3826	-1.4213
0.50	-1.3499	*******
0.60	-0.6843	-0.7631
0.70	-0.8220	*******
0.80	-0.7967	-0.7594
0.90	*******	*******
0.95	-0.4906	-0.5173

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	-0.7260	-0.6469	-0.3789	*******	*******
0.100	-0.6948	-0.6686	-0.3632	*******	*******
0.150	-0.7479	-0.7220	-0.3470	*******	*******
0.200	-0.7586	-0.7201	-0.3437	*******	-0.6605
0.250	*******	-0.7782	-0.3588	-1.0120	-0.7597
0.300	-0.8408	-0.8606	-0.4085	-1.0379	-0.8504
0.350	*******	-0.9836	-0.5097	-1.0629	-0.9096
0.400	-1.1162	-1.1424	-0.6738	-1.0498	-0.8822
0.450	-1.3446	-1.3267	-0.8631	-1.0065	-0.7766
0.500	-1.5600	-1.4897	-1.1120	-0.9551	-0.7246
0.525	*******	-1.5592	-1.2189	-0.9511	-0.7389
0.550	-1.7065	-1.6189	-1.2914	-0.9517	-0.7456
0.575	*******	-1.6696	-1.3238	-0.9815	-0.7783
0.600	-1.6836	-1.6820	-1.2996	-1.0133	-0.7935
0.625	*******	*******	-1.2018	-1.0277	-0.8097
0.650	-1.6258	-1.5350	-1.1066	-1.0400	-0.8047
0.675	*******	-1.5157	-1.0834	-1.0449	-0.7808
0.700	-1.6438	-1.5095	-1.0642	-1.0422	-0.7694
0.725	*******	-1.5089	*******	-1.0325	-0.7568
0.750	-1.6988	-1.5106	*******	-1.0072	-0.7386
0.775	*******	-1.5288	-0.9948	-0.9932	-0.7178
0.800	-1.5199	-1.5514	-0.9734	-0.9712	*******
0.825	*******	-1.5175	-0.9639	-0.9740	-0.6742
0.850	-1.4438	-1.4715	-0.9593	-0.9551	-0.6509
0.875	*******	-1.4421	-0.9520	-0.9387	-0.6279
0.900	-1.4402	-1.4397	-0.9224	-0.9178	-0.6044
0.925	*******	-1.4433	-0.8915	-0.8868	-0.5903
0.950	-1.4340	-1.4412	-0.8805	-0.8727	-0.5560
0.975	*******	-1.4325	-0.8774	-0.8478	-0.5163
1.000	-1.4686	-1.4374	-0.8316	-0.8526	-0.4965
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6672	0.5887	0.5327	*******	-0.4997
-0.400	0.6704	0.5889	0.5073	0.2912	-0.5390
-0.600	0.6612	0.5830	0.4970	0.3141	-0.5110
-0.700	0.6379	0.5789	0.4921	0.3218	-0.4808
-0.800	0.5734	0.5456	0.4763	0.3292	-0.4031
-0.850	0.5071	0.5032	0.4508	0.3264	-0.3894
-0.900	*******	0.4088	0.3842	0.2979	-0.3434
-0.950	0.1496	0.1940	0.1989	0.1738	-0.1396
-0.975	*******	-0.0892	-0.0418	-0.0156	-0.1546
-1.000	-1.5110	-1.1414	-0.9141	-0.7062	-0.5455



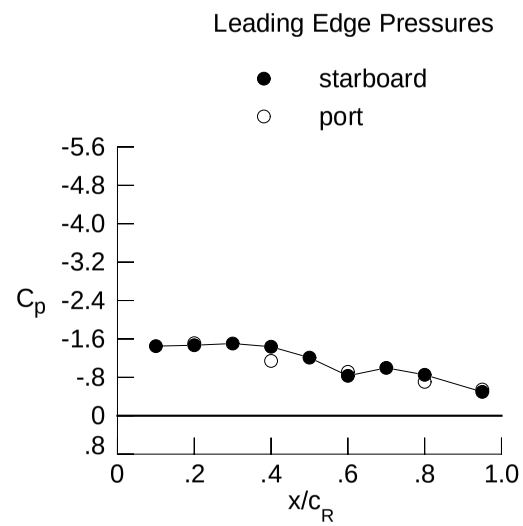
Medium Radius L.E.

Run No. = 10 , Point No. = 214

C_N = 1.213, C_m = -0.1970

α = 27.1 °, M_∞ = 0.849

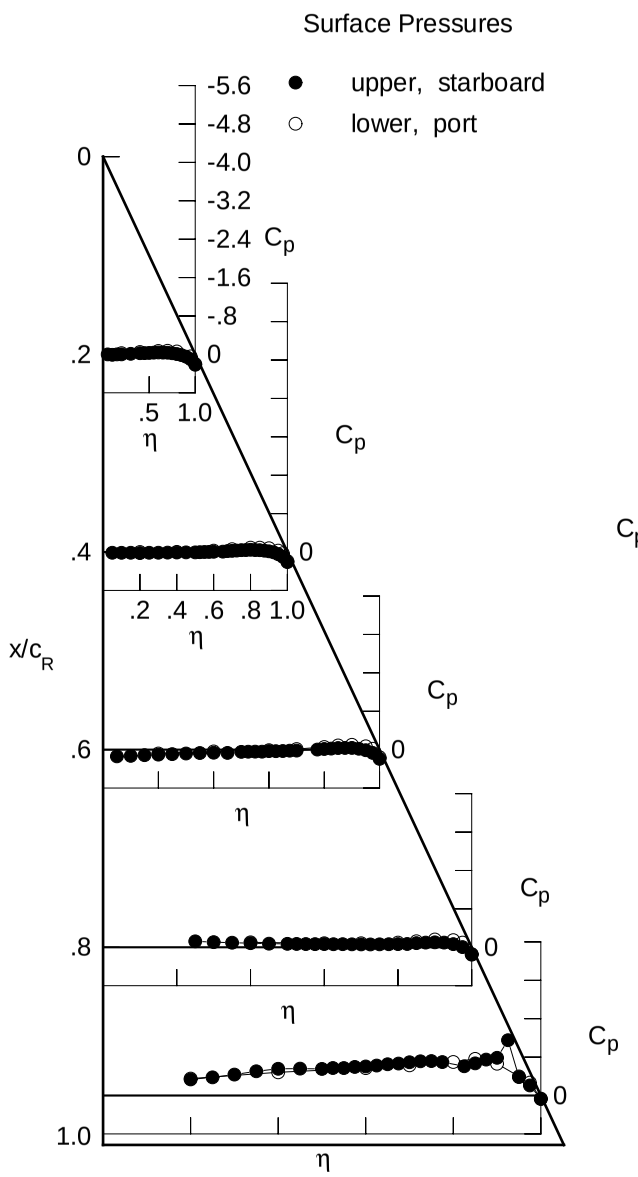
R_{mac} = 11.6×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.4497	*******
0.20	-1.4686	-1.5110
0.30	-1.5044	*******
0.40	-1.4374	-1.1414
0.50	-1.2101	*******
0.60	-0.8316	-0.9141
0.70	-0.9970	*******
0.80	-0.8526	-0.7062
0.90	*******	*******
0.95	-0.4965	-0.5455

Table E3. Tabulations and Plots of Surface Pressure Coefficients.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0002	0.0151	0.1400	*******	*******
0.100	0.0086	0.0156	0.1297	*******	*******
0.150	-0.0002	0.0152	0.1152	*******	*******
0.200	-0.0008	0.0218	0.1040	*******	-0.3353
0.250	*******	0.0149	0.0938	-0.1238	-0.3787
0.300	-0.0121	0.0148	0.0810	-0.1073	-0.4360
0.350	*******	0.0120	0.0701	-0.0950	-0.5047
0.400	-0.0246	0.0098	0.0643	-0.0856	-0.5566
0.450	-0.0264	0.0072	0.0683	-0.0753	-0.5598
0.500	-0.0300	0.0072	0.0467	-0.0717	-0.5539
0.525	*******	0.0035	0.0435	-0.0696	-0.5730
0.550	-0.0363	-0.0004	0.0414	-0.0669	-0.5724
0.575	*******	-0.0025	0.0426	-0.0656	-0.5951
0.600	-0.0402	-0.0053	0.0301	-0.0671	-0.6050
0.625	*******	*******	0.0316	-0.0639	-0.6242
0.650	-0.0371	-0.0080	0.0290	-0.0644	-0.6510
0.675	*******	-0.0203	0.0220	-0.0615	-0.6654
0.700	-0.0351	-0.0251	0.0197	-0.0599	-0.6931
0.725	*******	-0.0307	*******	-0.0593	-0.7132
0.750	-0.0241	-0.0389	*******	-0.0614	-0.7179
0.775	*******	-0.0406	-0.0018	-0.0642	-0.6965
0.800	-0.0070	-0.0472	-0.0133	-0.0661	*******
0.825	*******	-0.0409	-0.0217	-0.0688	-0.6100
0.850	0.0146	-0.0382	-0.0332	-0.0867	-0.6700
0.875	*******	-0.0279	-0.0355	-0.0977	-0.7483
0.900	0.0469	-0.0149	-0.0357	-0.1029	-0.7859
0.925	*******	0.0058	-0.0182	-0.0979	-1.1521
0.950	0.1007	0.0444	0.0118	-0.0660	-0.3836
0.975	*******	0.0984	0.0679	-0.0036	-0.2097
1.000	0.2163	0.2095	0.1918	0.1538	0.0726
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0258	-0.0005	0.0809	*******	-0.3528
-0.400	-0.0493	-0.0035	0.0376	-0.1030	-0.4835
-0.600	-0.0716	-0.0289	0.0110	-0.0839	-0.5707
-0.700	-0.0751	-0.0594	-0.0124	-0.0840	-0.6285
-0.800	-0.0604	-0.0914	-0.0546	-0.0973	-0.6986
-0.850	*******	-0.0916	-0.0868	-0.1256	-0.7633
-0.900	*******	-0.0790	-0.1008	-0.1622	-0.6620
-0.950	0.0411	-0.0295	-0.0696	-0.1491	-0.3976
-0.975	*******	0.0241	-0.0187	-0.0977	-0.2695
-1.000	0.2001	0.1889	0.1578	0.1414	0.0652



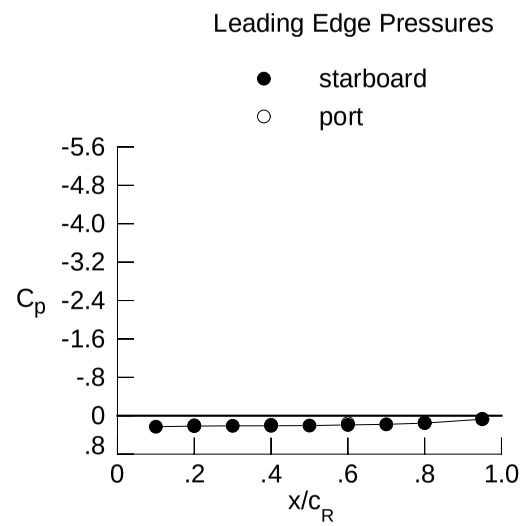
Medium Radius L.E.

Run No. = 11 , Point No. = 218

C_N = 0.000, C_m = -0.0158

α = -0.5 °, M_∞ = 0.849

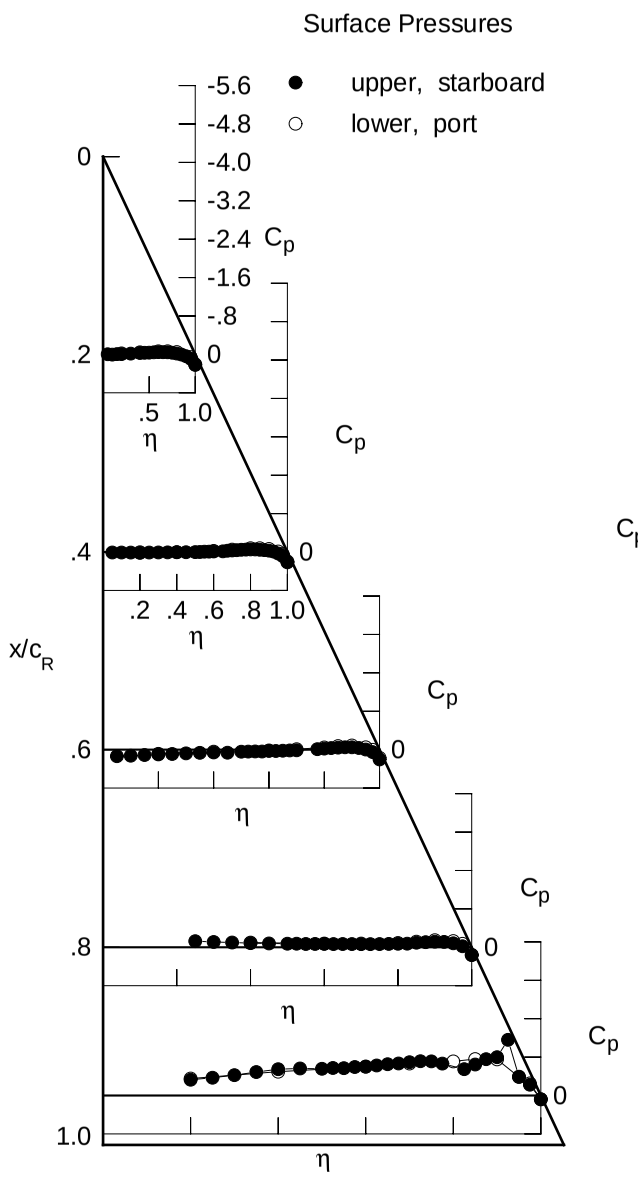
$R_{mac} = 23.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2292	*******
0.20	0.2163	0.2001
0.30	0.2102	*******
0.40	0.2095	0.1889
0.50	0.2051	*******
0.60	0.1918	0.1578
0.70	0.1793	*******
0.80	0.1538	0.1414
0.90	0.0704	*******
0.95	0.0726	0.0652

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	-0.0034	0.0100	0.1368	*******	*******
0.100	0.0049	0.0107	0.1262	*******	*******
0.150	-0.0056	0.0109	0.1120	*******	*******
0.200	-0.0067	0.0175	0.0994	*******	-0.3285
0.250	*******	0.0102	0.0904	-0.1275	-0.3704
0.300	-0.0162	0.0089	0.0778	-0.1105	-0.4238
0.350	*******	0.0072	0.0666	-0.0994	-0.4885
0.400	-0.0299	0.0041	0.0582	-0.0863	-0.5479
0.450	-0.0335	0.0042	0.0637	-0.0797	-0.5634
0.500	-0.0360	0.0018	0.0429	-0.0747	-0.5568
0.525	*******	-0.0008	0.0405	-0.0742	-0.5738
0.550	-0.0430	-0.0069	0.0378	-0.0690	-0.5699
0.575	*******	-0.0081	0.0393	-0.0699	-0.5935
0.600	-0.0472	-0.0124	0.0266	-0.0712	-0.6040
0.625	*******	*******	0.0280	-0.0670	-0.6257
0.650	-0.0457	-0.0142	0.0223	-0.0677	-0.6522
0.675	*******	-0.0270	0.0168	-0.0673	-0.6670
0.700	-0.0438	-0.0328	0.0133	-0.0653	-0.6940
0.725	*******	-0.0381	*******	-0.0657	-0.7143
0.750	-0.0342	-0.0469	*******	-0.0669	-0.7110
0.775	*******	-0.0501	-0.0092	-0.0703	-0.6648
0.800	-0.0175	-0.0547	-0.0214	-0.0734	*******
0.825	*******	-0.0536	-0.0327	-0.0751	-0.5485
0.850	0.0034	-0.0474	-0.0418	-0.0949	-0.6455
0.875	*******	-0.0403	-0.0488	-0.1062	-0.7567
0.900	0.0374	-0.0286	-0.0488	-0.1171	-0.7981
0.925	*******	-0.0096	-0.0347	-0.1123	-1.1603
0.950	0.0893	0.0303	-0.0028	-0.0832	-0.3920
0.975	*******	0.0853	0.0511	-0.0214	-0.2244
1.000	0.2193	0.2147	0.2038	0.1628	0.0805
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0208	0.0039	0.0869	*******	-0.3533
-0.400	-0.0433	0.0029	0.0427	-0.0976	-0.4964
-0.600	-0.0636	-0.0234	0.0169	-0.0780	-0.5992
-0.700	-0.0649	-0.0506	-0.0090	-0.0772	-0.6664
-0.800	-0.0488	-0.0794	-0.0453	-0.0898	-0.7104
-0.850	*******	-0.0789	-0.0742	-0.1165	-0.7594
-0.900	*******	-0.0637	-0.0860	-0.1478	-0.7525
-0.950	0.0561	-0.0115	-0.0490	-0.1298	-0.3860
-0.975	*******	0.0440	0.0033	-0.0732	-0.2532
-1.000	0.2060	0.1965	0.1704	0.1564	0.0766



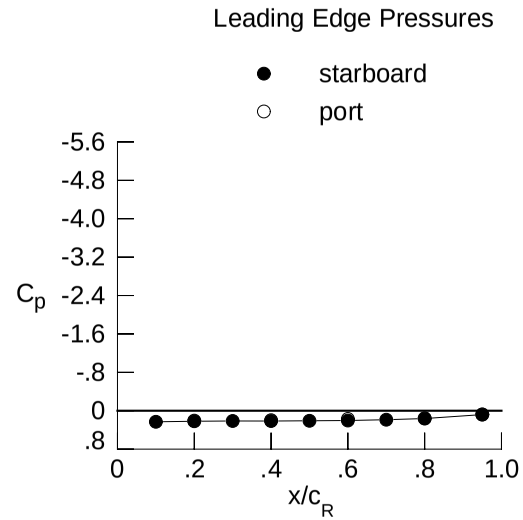
Medium Radius L.E.

Run No. = 11 , Point No. = 219

C_N = 0.013, C_m = -0.0181

α = -0.2 °, M_∞ = 0.848

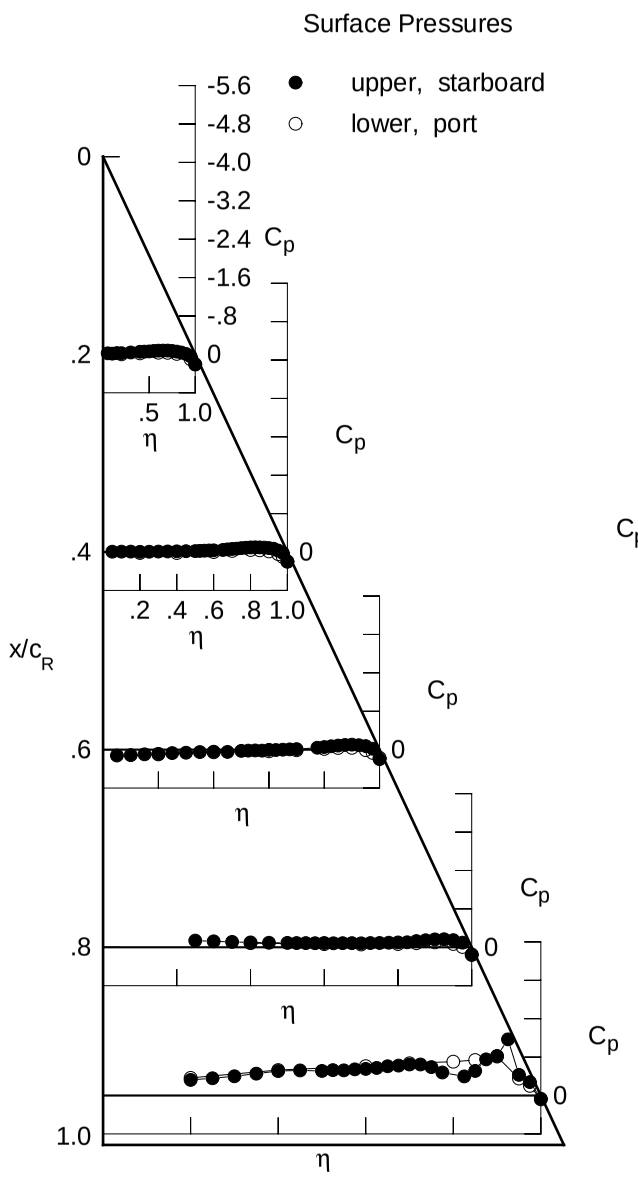
R_{mac} = 23.9×10^6



x/c_R	starb'd C_p	port C_p
0.10	0.2306	*******
0.20	0.2193	0.2060
0.30	0.2135	*******
0.40	0.2147	0.1965
0.50	0.2092	*******
0.60	0.2038	0.1704
0.70	0.1871	*******
0.80	0.1628	0.1564
0.90	0.0712	*******
0.95	0.0805	0.0766

Table E3. Continued.

	x/c$_R$ .2	x/c$_R$ .4	x/c$_R$ .6	x/c$_R$ .8	x/c$_R$ .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0225	-0.0068	0.1223	*******	*******
0.100	-0.0154	-0.0080	0.1147	*******	*******
0.150	-0.0273	-0.0085	0.0980	*******	*******
0.200	-0.0247	-0.0038	0.0872	*******	-0.3251
0.250	*******	-0.0066	0.0719	-0.1390	-0.3593
0.300	-0.0396	-0.0096	0.0644	-0.1238	-0.4011
0.350	*******	-0.0119	0.0504	-0.1117	-0.4554
0.400	-0.0546	-0.0142	0.0431	-0.1016	-0.5100
0.450	-0.0574	-0.0177	0.0475	-0.0945	-0.5224
0.500	-0.0615	-0.0189	0.0252	-0.0915	-0.5117
0.525	*******	-0.0241	0.0211	-0.0882	-0.5287
0.550	-0.0710	-0.0279	0.0166	-0.0869	-0.5243
0.575	*******	-0.0327	0.0205	-0.0850	-0.5452
0.600	-0.0772	-0.0353	0.0040	-0.0891	-0.5547
0.625	*******	*******	0.0080	-0.0835	-0.5744
0.650	-0.0788	-0.0436	0.0009	-0.0858	-0.6100
0.675	*******	-0.0550	-0.0057	-0.0862	-0.6235
0.700	-0.0789	-0.0637	-0.0102	-0.0824	-0.6461
0.725	*******	-0.0708	*******	-0.0879	-0.6467
0.750	-0.0711	-0.0817	*******	-0.0897	-0.5924
0.775	*******	-0.0893	-0.0403	-0.0953	-0.4790
0.800	-0.0574	-0.0962	-0.0539	-0.1005	*******
0.825	*******	-0.0983	-0.0702	-0.1040	-0.3977
0.850	-0.0388	-0.0956	-0.0844	-0.1293	-0.5122
0.875	*******	-0.0920	-0.0967	-0.1465	-0.7531
0.900	-0.0094	-0.0824	-0.1039	-0.1637	-0.8236
0.925	*******	-0.0686	-0.0918	-0.1672	-1.1695
0.950	0.0404	-0.0305	-0.0737	-0.1486	-0.4308
0.975	*******	0.0179	-0.0195	-0.0963	-0.2799
1.000	0.2111	0.2017	0.1973	0.1487	0.0670
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0017	0.0199	0.0983	*******	-0.3672
-0.400	-0.0215	0.0209	0.0551	-0.0859	-0.5308
-0.600	-0.0355	-0.0002	0.0342	-0.0659	-0.6112
-0.700	-0.0326	-0.0235	0.0127	-0.0586	-0.6716
-0.800	-0.0104	-0.0428	-0.0155	-0.0670	-0.7049
-0.850	*******	-0.0359	-0.0349	-0.0846	-0.7389
-0.900	*******	-0.0136	-0.0374	-0.1021	-0.8115
-0.950	0.1011	0.0436	0.0114	-0.0686	-0.3528
-0.975	*******	0.1022	0.0688	-0.0062	-0.2006
-1.000	0.2049	0.1958	0.1686	0.1608	0.0803



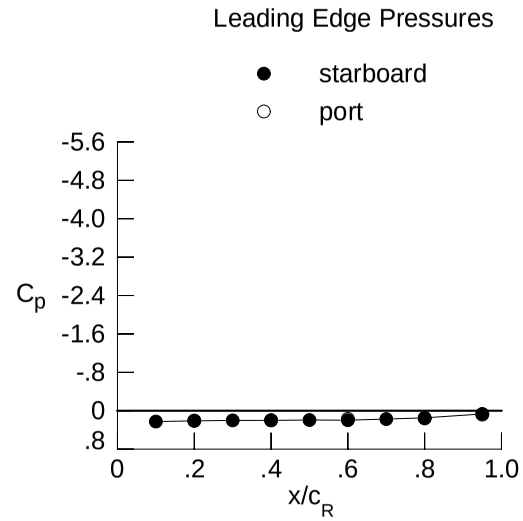
Medium Radius L.E.

Run No. = 11 , Point No. = 220

C_N = 0.060, C_m = -0.0298

α = 0.8 °, M_∞ = 0.848

R_{mac} = 24.0×10^6

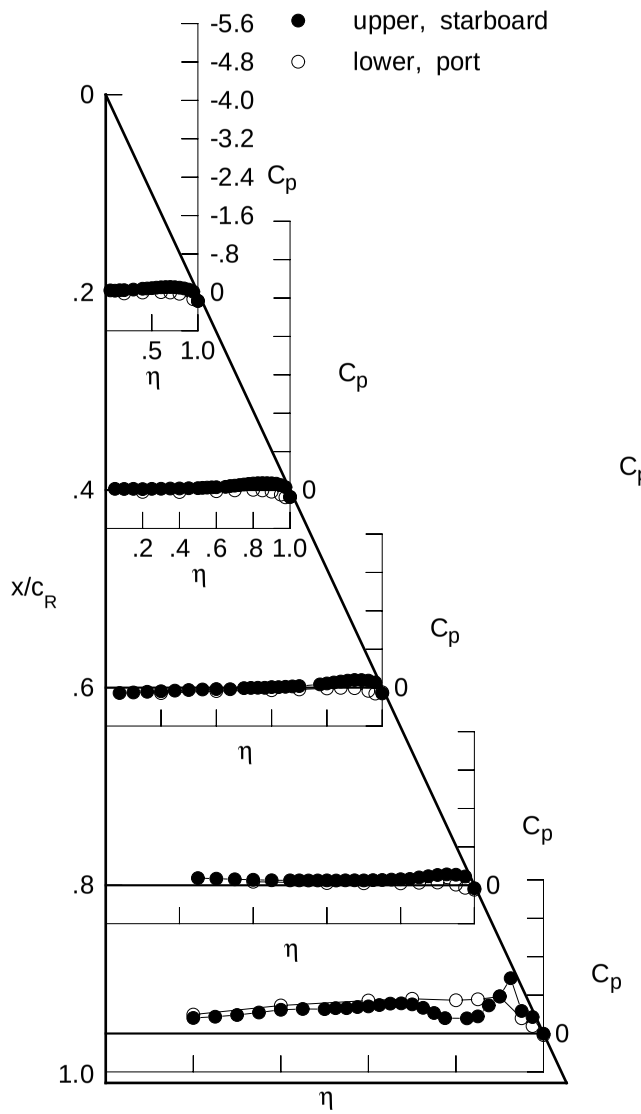


x/c$_R$	starb'd C_p	port C_p
0.10	0.2254	*******
0.20	0.2111	0.2049
0.30	0.2014	*******
0.40	0.2017	0.1958
0.50	0.1932	*******
0.60	0.1973	0.1686
0.70	0.1733	*******
0.80	0.1487	0.1608
0.90	0.0704	*******
0.95	0.0670	0.0803

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	-0.0416	-0.0250	0.1119	*******	*******
0.100	-0.0351	-0.0223	0.1011	*******	*******
0.150	-0.0448	-0.0249	0.0866	*******	*******
0.200	-0.0462	-0.0190	0.0750	*******	-0.3243
0.250	*******	-0.0248	0.0625	-0.1497	-0.3493
0.300	-0.0581	-0.0266	0.0499	-0.1372	-0.3853
0.350	*******	-0.0309	0.0385	-0.1247	-0.4375
0.400	-0.0758	-0.0325	0.0299	-0.1155	-0.4947
0.450	-0.0805	-0.0375	0.0329	-0.1046	-0.5109
0.500	-0.0878	-0.0393	0.0101	-0.1027	-0.5077
0.525	*******	-0.0459	0.0052	-0.1026	-0.5278
0.550	-0.0980	-0.0500	0.0020	-0.0998	-0.5276
0.575	*******	-0.0558	0.0033	-0.1008	-0.5514
0.600	-0.1060	-0.0586	-0.0114	-0.1022	-0.5648
0.625	*******	*******	-0.0101	-0.0995	-0.5927
0.650	-0.1102	-0.0665	-0.0175	-0.1032	-0.6222
0.675	*******	-0.0834	-0.0259	-0.1038	-0.6283
0.700	-0.1132	-0.0915	-0.0328	-0.1014	-0.6073
0.725	*******	-0.1036	*******	-0.1070	-0.5350
0.750	-0.1082	-0.1151	*******	-0.1105	-0.4274
0.775	*******	-0.1269	-0.0674	-0.1185	-0.3203
0.800	-0.0982	-0.1358	-0.0868	-0.1262	*******
0.825	*******	-0.1423	-0.1075	-0.1323	-0.3158
0.850	-0.0827	-0.1439	-0.1270	-0.1637	-0.3571
0.875	*******	-0.1434	-0.1456	-0.1891	-0.5853
0.900	-0.0582	-0.1396	-0.1591	-0.2145	-0.7771
0.925	*******	-0.1316	-0.1574	-0.2270	-1.1517
0.950	-0.0133	-0.1023	-0.1464	-0.2204	-0.4698
0.975	*******	-0.0599	-0.1092	-0.1841	-0.3433
1.000	0.1783	0.1422	0.1202	0.0619	0.0042
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0205	0.0383	0.1138	*******	-0.3945
-0.400	0.0025	0.0415	0.0715	-0.0738	-0.5837
-0.600	-0.0052	0.0239	0.0533	-0.0464	-0.6875
-0.700	0.0013	0.0062	0.0368	-0.0422	-0.7230
-0.800	0.0277	-0.0046	0.0160	-0.0405	-0.6926
-0.850	*******	0.0074	0.0043	-0.0526	-0.7125
-0.900	*******	0.0343	0.0105	-0.0588	-0.7681
-0.950	0.1413	0.0951	0.0663	-0.0132	-0.3184
-0.975	*******	0.1508	0.1236	0.0523	-0.1555
-1.000	0.1768	0.1452	0.0971	0.0921	0.0327

Surface Pressures



Medium Radius L.E.

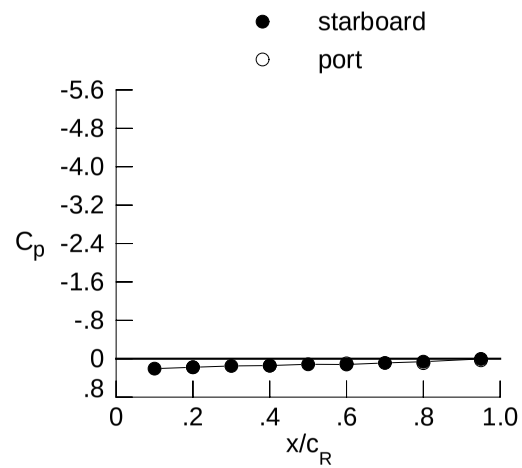
Run No. = 11 , Point No. = 221

C_N = 0.097, C_m = -0.0335

α = 1.9 °, M_∞ = 0.852

R_{mac} = 24.2×10^6

Leading Edge Pressures

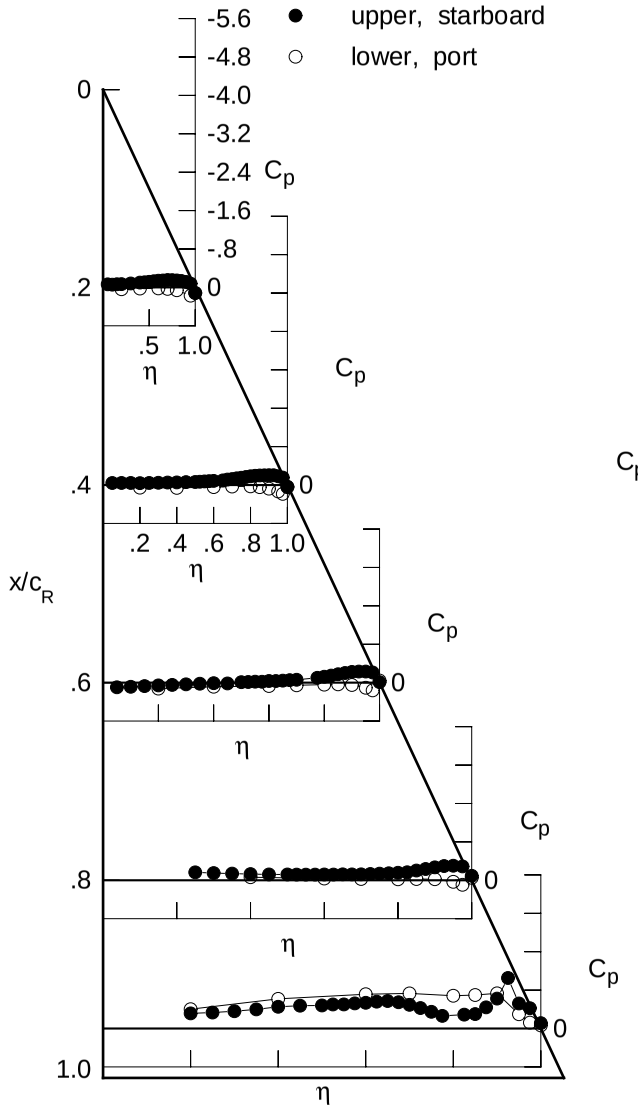


x/c_R	starb'd C_p	port C_p
0.10	0.2065	*******
0.20	0.1783	0.1768
0.30	0.1504	*******
0.40	0.1422	0.1452
0.50	0.1156	*******
0.60	0.1202	0.0971
0.70	0.0877	*******
0.80	0.0619	0.0921
0.90	0.0618	*******
0.95	0.0042	0.0327

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	-0.0641	-0.0425	0.0966	*******	*******
0.100	-0.0571	-0.0433	0.0864	*******	*******
0.150	-0.0657	-0.0429	0.0717	*******	*******
0.200	-0.0681	-0.0392	0.0579	*******	-0.3150
0.250	*******	-0.0433	0.0471	-0.1656	-0.3329
0.300	-0.0817	-0.0470	0.0352	-0.1503	-0.3599
0.350	*******	-0.0520	0.0222	-0.1393	-0.3986
0.400	-0.1003	-0.0541	0.0110	-0.1293	-0.4526
0.450	-0.1068	-0.0606	0.0164	-0.1220	-0.4752
0.500	-0.1156	-0.0629	-0.0097	-0.1207	-0.4800
0.525	*******	-0.0684	-0.0138	-0.1186	-0.5010
0.550	-0.1281	-0.0752	-0.0202	-0.1177	-0.5017
0.575	*******	-0.0808	-0.0183	-0.1187	-0.5230
0.600	-0.1391	-0.0867	-0.0347	-0.1207	-0.5361
0.625	*******	*******	-0.0334	-0.1195	-0.5588
0.650	-0.1442	-0.0971	-0.0416	-0.1243	-0.5726
0.675	*******	-0.1146	-0.0516	-0.1224	-0.5474
0.700	-0.1539	-0.1243	-0.0597	-0.1243	-0.4938
0.725	*******	-0.1396	*******	-0.1313	-0.4264
0.750	-0.1512	-0.1521	*******	-0.1382	-0.3481
0.775	*******	-0.1673	-0.1010	-0.1467	-0.2636
0.800	-0.1449	-0.1821	-0.1234	-0.1566	*******
0.825	*******	-0.1928	-0.1469	-0.1676	-0.2885
0.850	-0.1334	-0.1991	-0.1752	-0.2033	-0.3007
0.875	*******	-0.2028	-0.2008	-0.2353	-0.4412
0.900	-0.1137	-0.2044	-0.2230	-0.2699	-0.6233
0.925	*******	-0.2041	-0.2316	-0.2965	-1.0527
0.950	-0.0782	-0.1821	-0.2315	-0.3031	-0.5215
0.975	*******	-0.1556	-0.2123	-0.2890	-0.4233
1.000	0.1154	0.0346	-0.0100	-0.0940	-0.1117
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0383	0.0542	0.1238	*******	-0.4027
-0.400	0.0238	0.0591	0.0848	-0.0637	-0.6176
-0.600	0.0210	0.0436	0.0705	-0.0372	-0.7141
-0.700	0.0310	0.0310	0.0548	-0.0270	-0.7315
-0.800	0.0596	0.0272	0.0413	-0.0212	-0.6827
-0.850	*******	0.0440	0.0353	-0.0265	-0.6972
-0.900	*******	0.0749	0.0490	-0.0228	-0.7328
-0.950	0.1719	0.1337	0.1066	0.0317	-0.2979
-0.975	*******	0.1840	0.1607	0.0935	-0.1236
-1.000	0.1178	0.0436	-0.0441	-0.0520	-0.0648

Surface Pressures



Medium Radius L.E.

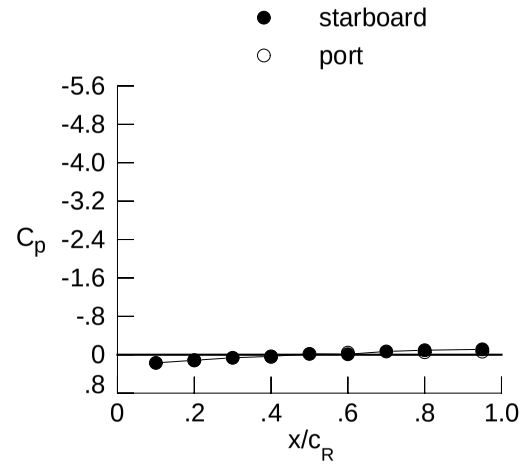
Run No. = 11 , Point No. = 222

C_N = 0.140, C_m = -0.0422

α = 2.9 °, M_∞ = 0.848

R_{mac} = 24.1×10^6

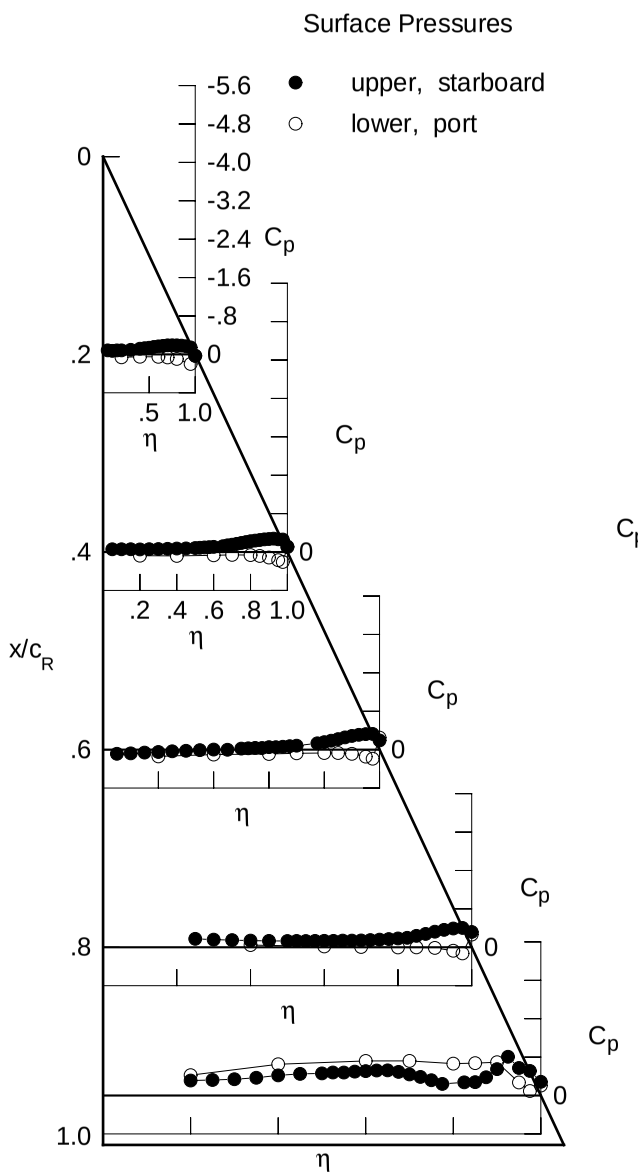
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1706	*******
0.20	0.1154	0.1178
0.30	0.0638	*******
0.40	0.0346	0.0436
0.50	-0.0178	*******
0.60	-0.0100	-0.0441
0.70	-0.0683	*******
0.80	-0.0940	-0.0520
0.90	0.0411	*******
0.95	-0.1117	-0.0648

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	-0.0838	-0.0578	0.0865	*******	*******
0.100	-0.0735	-0.0575	0.0778	*******	*******
0.150	-0.0836	-0.0587	0.0614	*******	*******
0.200	-0.0841	-0.0544	0.0491	*******	-0.3121
0.250	*******	-0.0589	0.0343	-0.1760	-0.3232
0.300	-0.0956	-0.0626	0.0241	-0.1595	-0.3388
0.350	*******	-0.0671	0.0107	-0.1498	-0.3697
0.400	-0.1187	-0.0729	-0.0016	-0.1391	-0.4195
0.450	-0.1289	-0.0753	0.0025	-0.1332	-0.4507
0.500	-0.1386	-0.0829	-0.0216	-0.1306	-0.4606
0.525	*******	-0.0885	-0.0278	-0.1320	-0.4793
0.550	-0.1546	-0.0963	-0.0362	-0.1303	-0.4786
0.575	*******	-0.1018	-0.0342	-0.1326	-0.4977
0.600	-0.1669	-0.1082	-0.0520	-0.1347	-0.5080
0.625	*******	*******	-0.0514	-0.1336	-0.5211
0.650	-0.1766	-0.1211	-0.0599	-0.1389	-0.5241
0.675	*******	-0.1399	-0.0721	-0.1391	-0.4920
0.700	-0.1889	-0.1530	-0.0825	-0.1421	-0.4392
0.725	*******	-0.1705	*******	-0.1506	-0.3873
0.750	-0.1896	-0.1885	*******	-0.1595	-0.3184
0.775	*******	-0.2069	-0.1316	-0.1708	-0.2416
0.800	-0.1884	-0.2252	-0.1557	-0.1837	*******
0.825	*******	-0.2383	-0.1862	-0.1975	-0.2742
0.850	-0.1825	-0.2504	-0.2194	-0.2381	-0.2782
0.875	*******	-0.2640	-0.2549	-0.2785	-0.3800
0.900	-0.1699	-0.2710	-0.2856	-0.3250	-0.5496
0.925	*******	-0.2794	-0.3084	-0.3634	-0.8069
0.950	-0.1457	-0.2660	-0.3230	-0.3915	-0.5734
0.975	*******	-0.2606	-0.3271	-0.4034	-0.5120
1.000	0.0283	-0.1153	-0.1921	-0.3196	-0.2856
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0605	0.0760	0.1404	*******	-0.4237
-0.400	0.0490	0.0807	0.1027	-0.0461	-0.6511
-0.600	0.0501	0.0684	0.0900	-0.0178	-0.7203
-0.700	0.0629	0.0589	0.0763	-0.0060	-0.7211
-0.800	0.0944	0.0634	0.0703	0.0030	-0.6641
-0.850	*******	0.0813	0.0703	0.0012	-0.6744
-0.900	*******	0.1147	0.0871	0.0131	-0.6936
-0.950	0.1991	0.1693	0.1457	0.0723	-0.2720
-0.975	*******	0.2074	0.1890	0.1270	-0.0933
-1.000	0.0314	-0.1015	-0.2506	-0.2648	-0.2070



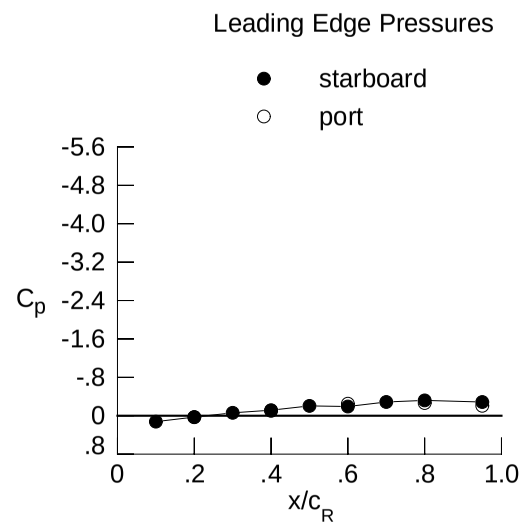
Medium Radius L.E.

Run No. = 11 , Point No. = 223

C_N = 0.176, C_m = -0.0443

α = 4.0 °, M_∞ = 0.849

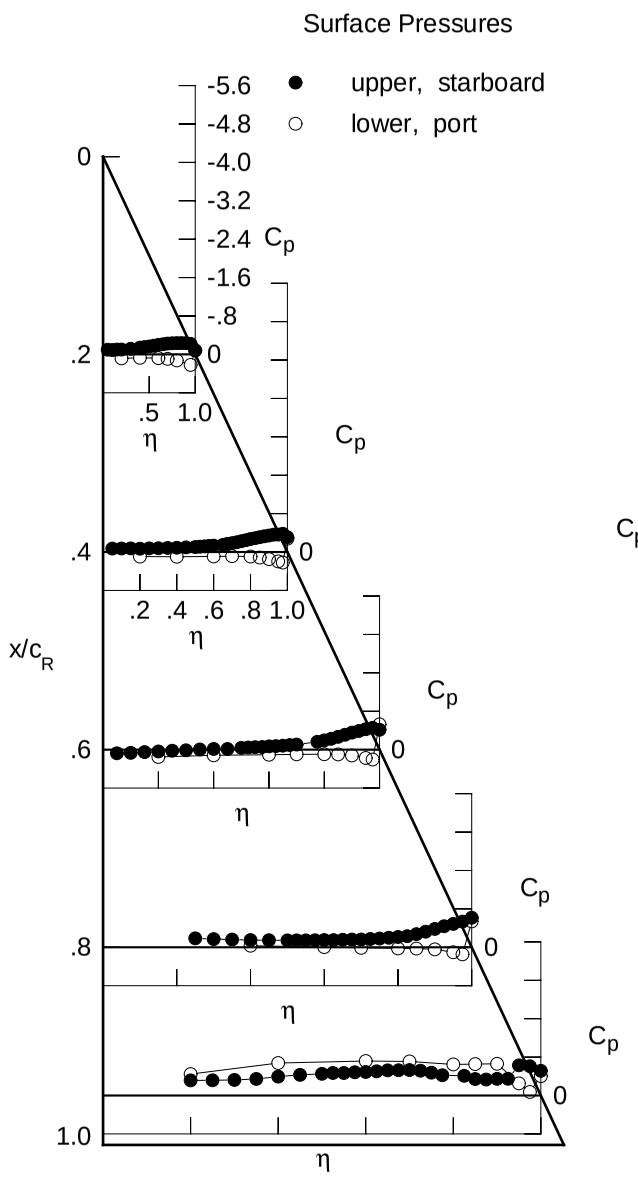
$R_{mac} = 24.1 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.1231	*******
0.20	0.0283	0.0314
0.30	-0.0607	*******
0.40	-0.1153	-0.1015
0.50	-0.2048	*******
0.60	-0.1921	-0.2506
0.70	-0.2864	*******
0.80	-0.3196	-0.2648
0.90	0.0185	*******
0.95	-0.2856	-0.2070

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	-0.0978	-0.0723	0.0756	*******	*******
0.100	-0.0901	-0.0733	0.0670	*******	*******
0.150	-0.1011	-0.0764	0.0512	*******	*******
0.200	-0.1018	-0.0695	0.0378	*******	-0.3149
0.250	*******	-0.0758	0.0223	-0.1863	-0.3170
0.300	-0.1176	-0.0792	0.0135	-0.1706	-0.3245
0.350	*******	-0.0854	-0.0039	-0.1615	-0.3453
0.400	-0.1410	-0.0896	-0.0144	-0.1505	-0.3939
0.450	-0.1523	-0.0977	-0.0138	-0.1469	-0.4307
0.500	-0.1645	-0.1041	-0.0368	-0.1442	-0.4519
0.525	*******	-0.1118	-0.0450	-0.1447	-0.4698
0.550	-0.1810	-0.1190	-0.0513	-0.1442	-0.4687
0.575	*******	-0.1270	-0.0540	-0.1465	-0.4837
0.600	-0.1975	-0.1332	-0.0689	-0.1511	-0.4905
0.625	*******	*******	-0.0726	-0.1496	-0.5043
0.650	-0.2111	-0.1491	-0.0827	-0.1568	-0.5243
0.675	*******	-0.1700	-0.0962	-0.1606	-0.5266
0.700	-0.2259	-0.1851	-0.1054	-0.1624	-0.5306
0.725	*******	-0.2032	*******	-0.1730	-0.5169
0.750	-0.2320	-0.2254	*******	-0.1826	-0.4756
0.775	*******	-0.2463	-0.1634	-0.1982	-0.4224
0.800	-0.2352	-0.2710	-0.1932	-0.2151	*******
0.825	*******	-0.2888	-0.2259	-0.2311	-0.4103
0.850	-0.2353	-0.3087	-0.2667	-0.2736	-0.3435
0.875	*******	-0.3282	-0.3102	-0.3246	-0.3329
0.900	-0.2352	-0.3438	-0.3546	-0.3821	-0.3469
0.925	*******	-0.3613	-0.3888	-0.4380	-0.3489
0.950	-0.2197	-0.3633	-0.4255	-0.4868	-0.6290
0.975	*******	-0.3809	-0.4550	-0.5352	-0.6099
1.000	-0.0847	-0.3088	-0.4139	-0.6163	-0.5142
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0825	0.0946	0.1529	*******	-0.4465
-0.400	0.0716	0.0981	0.1178	-0.0330	-0.6767
-0.600	0.0779	0.0919	0.1061	-0.0038	-0.7180
-0.700	0.0927	0.0856	0.0977	0.0108	-0.7097
-0.800	0.1252	0.0936	0.0962	0.0229	-0.6470
-0.850	*******	0.1144	0.0994	0.0270	-0.6546
-0.900	*******	0.1470	0.1217	0.0432	-0.6611
-0.950	0.2196	0.1949	0.1734	0.1034	-0.2527
-0.975	*******	0.2193	0.2056	0.1475	-0.0736
-1.000	-0.0798	-0.2779	-0.5262	-0.5396	-0.4029



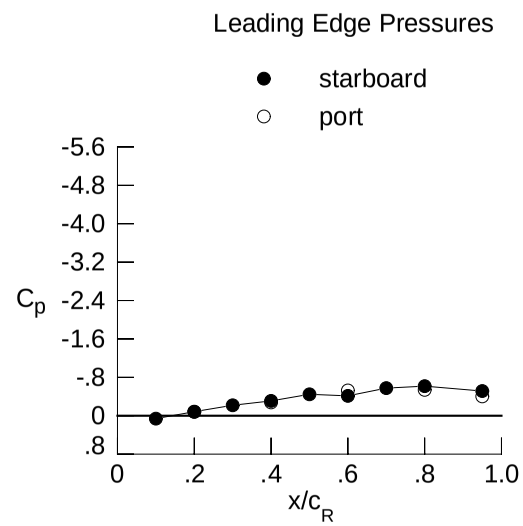
Medium Radius L.E.

Run No. = 11 , Point No. = 224

C_N = 0.217, C_m = -0.0502

α = 5.0 °, M_∞ = 0.849

$R_{mac} = 24.1 \times 10^6$

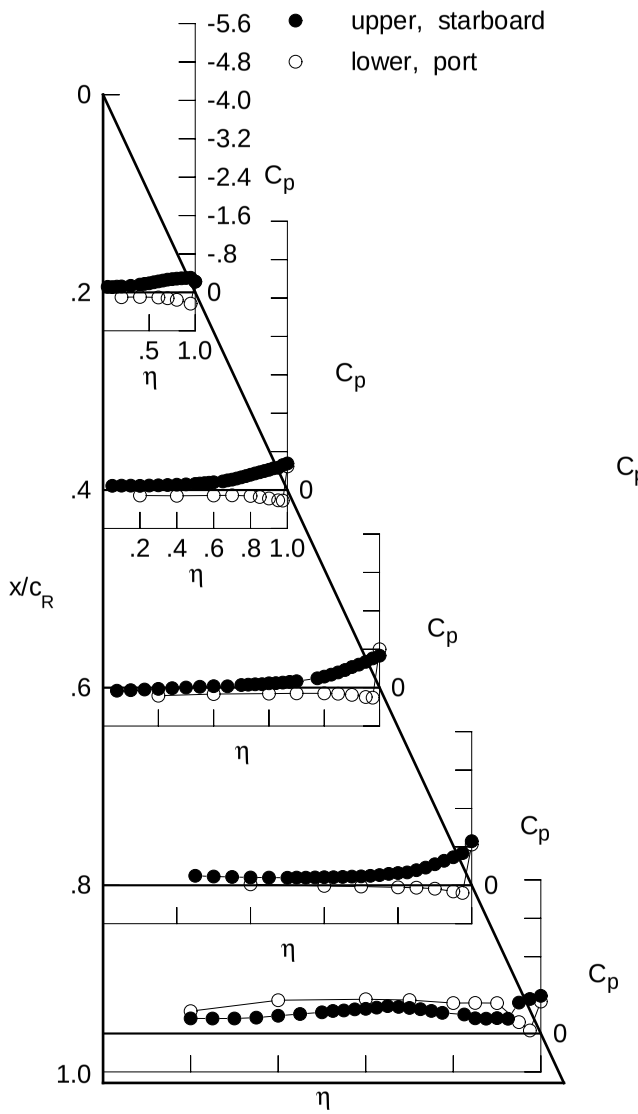


x/c_R	starb'd C_p	port C_p
0.10	0.0605	*******
0.20	-0.0847	-0.0798
0.30	-0.2180	*******
0.40	-0.3088	-0.2779
0.50	-0.4467	*******
0.60	-0.4139	-0.5262
0.70	-0.5754	*******
0.80	-0.6163	-0.5396
0.90	-0.0103	*******
0.95	-0.5142	-0.4029

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	-0.1163	-0.0881	0.0638	*******	*******
0.100	-0.1099	-0.0909	0.0529	*******	*******
0.150	-0.1198	-0.0912	0.0389	*******	*******
0.200	-0.1237	-0.0874	0.0252	*******	-0.3147
0.250	*******	-0.0934	0.0114	-0.1979	-0.3122
0.300	-0.1370	-0.0984	-0.0021	-0.1824	-0.3128
0.350	*******	-0.1044	-0.0182	-0.1737	-0.3304
0.400	-0.1628	-0.1110	-0.0303	-0.1628	-0.3697
0.450	-0.1770	-0.1175	-0.0276	-0.1601	-0.4068
0.500	-0.1896	-0.1264	-0.0548	-0.1569	-0.4417
0.525	*******	-0.1355	-0.0619	-0.1599	-0.4695
0.550	-0.2104	-0.1430	-0.0695	-0.1583	-0.4802
0.575	*******	-0.1524	-0.0717	-0.1636	-0.5031
0.600	-0.2291	-0.1619	-0.0904	-0.1680	-0.5146
0.625	*******	*******	-0.0940	-0.1682	-0.5394
0.650	-0.2467	-0.1790	-0.1044	-0.1745	-0.5701
0.675	*******	-0.2016	-0.1201	-0.1811	-0.5542
0.700	-0.2657	-0.2165	-0.1335	-0.1857	-0.5326
0.725	*******	-0.2397	*******	-0.1970	-0.5064
0.750	-0.2762	-0.2647	*******	-0.2124	-0.4707
0.775	*******	-0.2901	-0.1941	-0.2373	-0.4307
0.800	-0.2862	-0.3187	-0.2300	-0.2549	*******
0.825	*******	-0.3455	-0.2700	-0.2679	-0.3956
0.850	-0.2932	-0.3708	-0.3170	-0.3147	-0.3171
0.875	*******	-0.3961	-0.3672	-0.3679	-0.3087
0.900	-0.3002	-0.4219	-0.4287	-0.4388	-0.3204
0.925	*******	-0.4527	-0.4796	-0.5108	-0.3070
0.950	-0.3050	-0.4643	-0.5377	-0.5839	-0.6441
0.975	*******	-0.5189	-0.6086	-0.6707	-0.7191
1.000	-0.2256	-0.5533	-0.6659	-0.9180	-0.7851
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1007	0.1139	0.1683	*******	-0.4654
-0.400	0.0956	0.1202	0.1335	-0.0201	-0.6933
-0.600	0.1052	0.1135	0.1245	0.0131	-0.7135
-0.700	0.1219	0.1104	0.1188	0.0255	-0.6972
-0.800	0.1545	0.1230	0.1191	0.0435	-0.6340
-0.850	*******	0.1450	0.1266	0.0504	-0.6370
-0.900	*******	0.1759	0.1502	0.0710	-0.6338
-0.950	0.2344	0.2146	0.1955	0.1278	-0.2368
-0.975	*******	0.2196	0.2090	0.1590	-0.0634
-1.000	-0.2221	-0.4924	-0.7990	-0.8487	-0.6655

Surface Pressures



Medium Radius L.E.

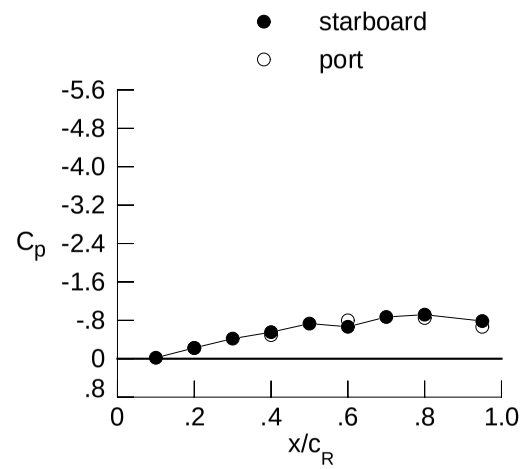
Run No. = 11 , Point No. = 225

C_N = 0.259, C_m = -0.0569

α = 6.1 °, M_∞ = 0.848

R_{mac} = 24.0×10^6

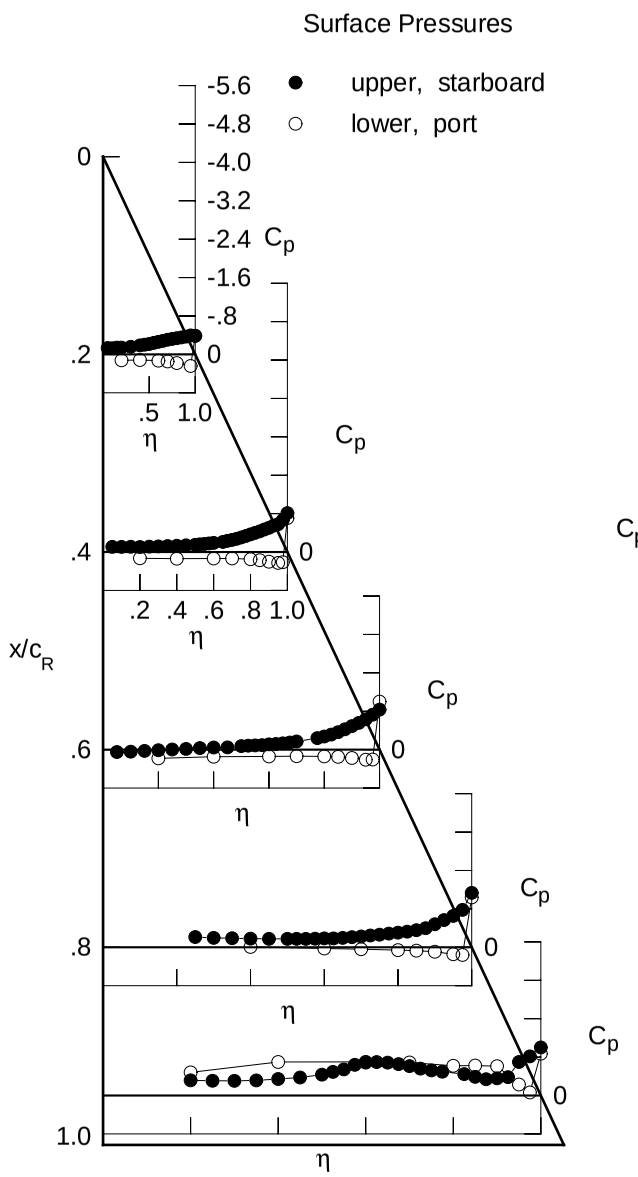
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.0198	*******
0.20	-0.2256	-0.2221
0.30	-0.4188	*******
0.40	-0.5533	-0.4924
0.50	-0.7321	*******
0.60	-0.6659	-0.7990
0.70	-0.8697	*******
0.80	-0.9180	-0.8487
0.90	-0.0616	*******
0.95	-0.7851	-0.6655

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	-0.1329	-0.1084	0.0499	*******	*******
0.100	-0.1281	-0.1070	0.0422	*******	*******
0.150	-0.1418	-0.1101	0.0262	*******	*******
0.200	-0.1413	-0.1049	0.0119	*******	-0.3156
0.250	*******	-0.1126	-0.0035	-0.2133	-0.3074
0.300	-0.1583	-0.1176	-0.0150	-0.1958	-0.3054
0.350	*******	-0.1251	-0.0326	-0.1890	-0.3148
0.400	-0.1868	-0.1315	-0.0448	-0.1796	-0.3437
0.450	-0.2019	-0.1402	-0.0469	-0.1763	-0.3754
0.500	-0.2169	-0.1503	-0.0739	-0.1753	-0.4346
0.525	*******	-0.1608	-0.0826	-0.1764	-0.4917
0.550	-0.2400	-0.1683	-0.0884	-0.1751	-0.5439
0.575	*******	-0.1796	-0.0935	-0.1793	-0.6390
0.600	-0.2620	-0.1905	-0.1107	-0.1855	-0.6857
0.625	*******	*******	-0.1176	-0.1849	-0.6968
0.650	-0.2826	-0.2107	-0.1314	-0.1959	-0.6852
0.675	*******	-0.2338	-0.1479	-0.2106	-0.6545
0.700	-0.3055	-0.2528	-0.1704	-0.2256	-0.6123
0.725	*******	-0.2761	*******	-0.2455	-0.5598
0.750	-0.3220	-0.3047	*******	-0.2626	-0.5229
0.775	*******	-0.3355	-0.2401	-0.2845	-0.4961
0.800	-0.3375	-0.3681	-0.2737	-0.3051	*******
0.825	*******	-0.3993	-0.3134	-0.3254	-0.4455
0.850	-0.3537	-0.4313	-0.3634	-0.3556	-0.3892
0.875	*******	-0.4696	-0.4243	-0.3980	-0.3391
0.900	-0.3704	-0.5047	-0.4901	-0.4803	-0.3585
0.925	*******	-0.5503	-0.5573	-0.5668	-0.3827
0.950	-0.3949	-0.5796	-0.6319	-0.6536	-0.6987
0.975	*******	-0.6660	-0.7272	-0.7794	-0.8155
1.000	-0.3859	-0.8115	-0.8333	-1.1339	-1.0016
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1229	0.1303	0.1815	*******	-0.4815
-0.400	0.1178	0.1383	0.1475	-0.0069	-0.6986
-0.600	0.1302	0.1346	0.1413	0.0248	-0.7006
-0.700	0.1474	0.1337	0.1364	0.0398	-0.6880
-0.800	0.1807	0.1494	0.1412	0.0590	-0.6190
-0.850	*******	0.1707	0.1494	0.0704	-0.6239
-0.900	*******	0.2013	0.1734	0.0929	-0.6108
-0.950	0.2418	0.2266	0.2093	0.1445	-0.2288
-0.975	*******	0.2122	0.2057	0.1591	-0.0641
-1.000	-0.3877	-0.7073	-1.0006	-1.0394	-0.8718



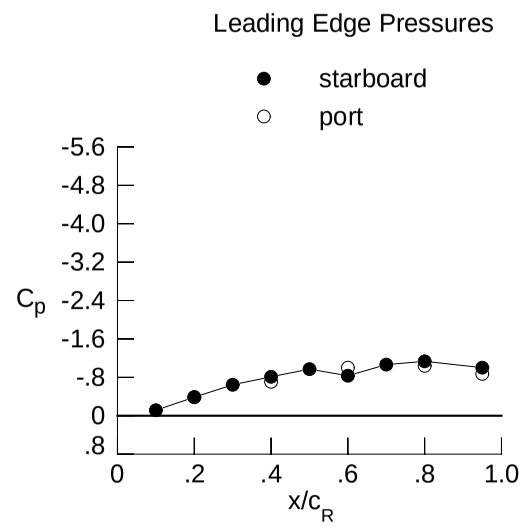
Medium Radius L.E.

Run No. = 11 , Point No. = 226

C_N = 0.309, C_m = -0.0688

α = 7.1 °, M_∞ = 0.848

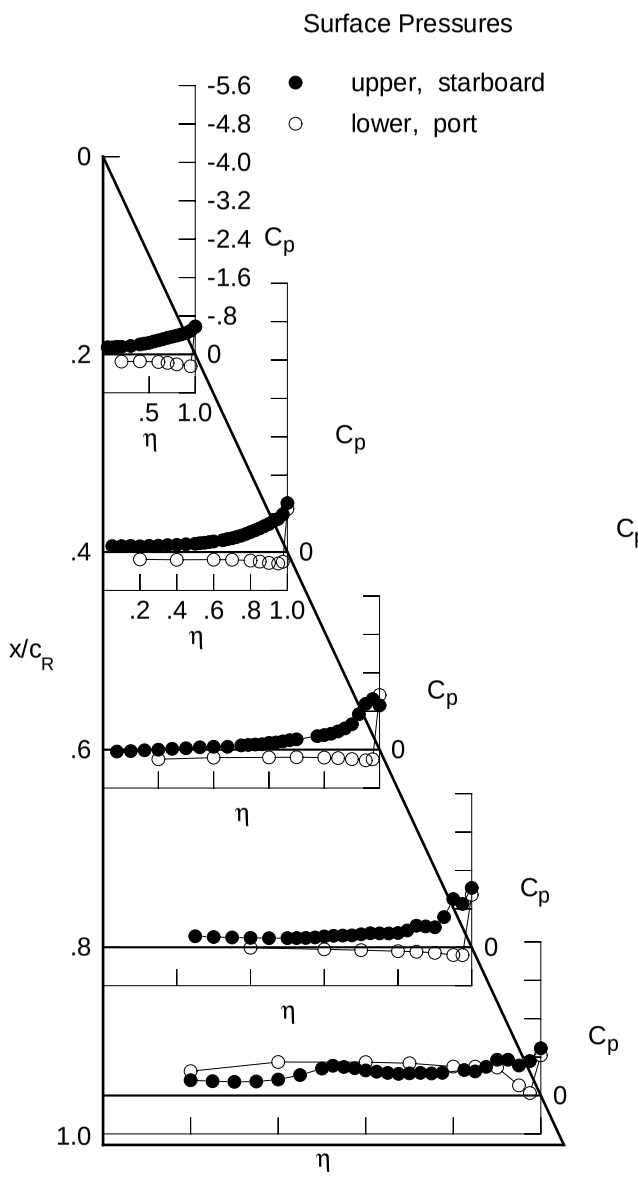
$R_{mac} = 24.0 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.1144	*******
0.20	-0.3859	-0.3877
0.30	-0.6450	*******
0.40	-0.8115	-0.7073
0.50	-0.9706	*******
0.60	-0.8333	-1.0006
0.70	-1.0648	*******
0.80	-1.1339	-1.0394
0.90	-0.0946	*******
0.95	-1.0016	-0.8718

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	-0.1485	-0.1231	0.0397	*******	*******
0.100	-0.1458	-0.1229	0.0307	*******	*******
0.150	-0.1575	-0.1282	0.0133	*******	*******
0.200	-0.1593	-0.1195	0.0010	*******	-0.3185
0.250	*******	-0.1288	-0.0164	-0.2293	-0.2977
0.300	-0.1763	-0.1330	-0.0286	-0.2147	-0.2849
0.350	*******	-0.1432	-0.0488	-0.2039	-0.2916
0.400	-0.2082	-0.1497	-0.0596	-0.1972	-0.3326
0.450	-0.2238	-0.1605	-0.0606	-0.1897	-0.4263
0.500	-0.2411	-0.1720	-0.0891	-0.1910	-0.5605
0.525	*******	-0.1841	-0.0976	-0.1927	-0.6202
0.550	-0.2686	-0.1932	-0.1073	-0.1951	-0.5948
0.575	*******	-0.2072	-0.1120	-0.2058	-0.5693
0.600	-0.2922	-0.2197	-0.1398	-0.2259	-0.5223
0.625	*******	*******	-0.1492	-0.2390	-0.4958
0.650	-0.3168	-0.2446	-0.1723	-0.2441	-0.4710
0.675	*******	-0.2696	-0.1972	-0.2470	-0.4515
0.700	-0.3450	-0.2867	-0.2147	-0.2702	-0.4622
0.725	*******	-0.3138	*******	-0.2917	-0.4710
0.750	-0.3687	-0.3419	*******	-0.2894	-0.4589
0.775	*******	-0.3762	-0.2811	-0.2882	-0.4729
0.800	-0.3917	-0.4159	-0.3030	-0.2974	*******
0.825	*******	-0.4526	-0.3320	-0.3502	-0.5305
0.850	-0.4166	-0.4933	-0.3801	-0.4493	-0.5016
0.875	*******	-0.5400	-0.4427	-0.4348	-0.5979
0.900	-0.4420	-0.5854	-0.5298	-0.4178	-0.7445
0.925	*******	-0.6460	-0.7377	-0.6294	-0.7456
0.950	-0.4930	-0.6912	-0.9535	-1.0044	-0.6246
0.975	*******	-0.7860	-1.0525	-0.9037	-0.7176
1.000	-0.5739	-1.0199	-0.9223	-1.2366	-0.9836
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1498	0.1535	0.2001	*******	-0.5062
-0.400	0.1439	0.1616	0.1666	0.0100	-0.6977
-0.600	0.1584	0.1582	0.1621	0.0428	-0.6950
-0.700	0.1764	0.1604	0.1580	0.0607	-0.6720
-0.800	0.2081	0.1779	0.1653	0.0814	-0.6032
-0.850	*******	0.1990	0.1759	0.0928	-0.6015
-0.900	*******	0.2262	0.1978	0.1157	-0.5842
-0.950	0.2469	0.2384	0.2230	0.1609	-0.2116
-0.975	*******	0.2026	0.2009	0.1628	-0.0512
-1.000	-0.5812	-0.8944	-1.1376	-1.0921	-0.8374



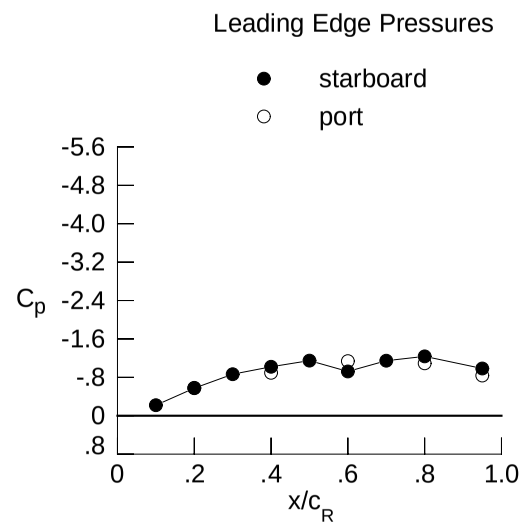
Medium Radius L.E.

Run No. = 11 , Point No. = 227

C_N = 0.359, C_m = -0.0788

α = 8.1 °, M_∞ = 0.849

R_{mac} = 24.1×10^6

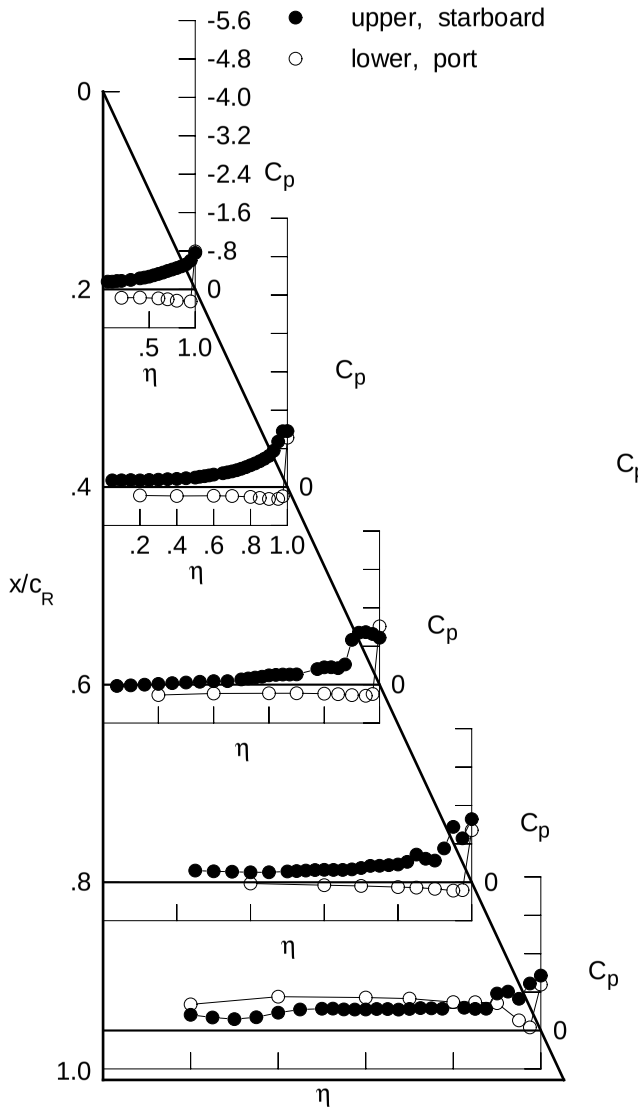


x/c_R	starb'd C_p	port C_p
0.10	-0.2195	*******
0.20	-0.5739	-0.5812
0.30	-0.8649	*******
0.40	-1.0199	-0.8944
0.50	-1.1483	*******
0.60	-0.9223	-1.1376
0.70	-1.1461	*******
0.80	-1.2366	-1.0921
0.90	-0.1088	*******
0.95	-0.9836	-0.8374

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	-0.1619	-0.1393	0.0271	*******	*******
0.100	-0.1604	-0.1397	0.0153	*******	*******
0.150	-0.1744	-0.1450	0.0006	*******	*******
0.200	-0.1771	-0.1381	-0.0153	*******	-0.3269
0.250	*******	-0.1472	-0.0309	-0.2438	-0.2710
0.300	-0.1975	-0.1526	-0.0439	-0.2285	-0.2370
0.350	*******	-0.1629	-0.0601	-0.2198	-0.2760
0.400	-0.2303	-0.1694	-0.0727	-0.2076	-0.3710
0.450	-0.2460	-0.1832	-0.0725	-0.2087	-0.4374
0.500	-0.2655	-0.1968	-0.1089	-0.2255	-0.4535
0.525	*******	-0.2147	-0.1288	-0.2339	-0.4561
0.550	-0.2939	-0.2253	-0.1473	-0.2441	-0.4389
0.575	*******	-0.2416	-0.1645	-0.2551	-0.4371
0.600	-0.3212	-0.2590	-0.1937	-0.2603	-0.4378
0.625	*******	*******	-0.2031	-0.2580	-0.4479
0.650	-0.3507	-0.2875	-0.2103	-0.2572	-0.4475
0.675	*******	-0.3065	-0.2108	-0.2688	-0.4352
0.700	-0.3844	-0.3254	-0.2138	-0.2975	-0.4496
0.725	*******	-0.3501	*******	-0.3416	-0.4668
0.750	-0.4138	-0.3807	*******	-0.3441	-0.4620
0.775	*******	-0.4145	-0.3241	-0.3565	-0.4539
0.800	-0.4446	-0.4536	-0.3605	-0.3707	*******
0.825	*******	-0.4918	-0.3628	-0.4252	-0.4744
0.850	-0.4798	-0.5372	-0.3434	-0.5771	-0.4505
0.875	*******	-0.5889	-0.4206	-0.4902	-0.4536
0.900	-0.5205	-0.6477	-0.9327	-0.4519	-0.7701
0.925	*******	-0.7552	-1.0813	-0.7054	-0.8104
0.950	-0.5985	-0.9467	-1.0934	-1.1547	-0.6608
0.975	*******	-1.1626	-1.0551	-0.9163	-0.9794
1.000	-0.7594	-1.1653	-0.9776	-1.3149	-1.1440
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1749	0.1755	0.2167	*******	-0.5437
-0.400	0.1707	0.1861	0.1841	0.0252	-0.7047
-0.600	0.1872	0.1821	0.1804	0.0606	-0.6866
-0.700	0.2057	0.1874	0.1793	0.0763	-0.6650
-0.800	0.2362	0.2059	0.1880	0.1000	-0.5909
-0.850	*******	0.2269	0.1987	0.1111	-0.5897
-0.900	*******	0.2488	0.2180	0.1360	-0.5705
-0.950	0.2503	0.2471	0.2319	0.1739	-0.2108
-0.975	*******	0.1911	0.1953	0.1630	-0.0652
-1.000	-0.7909	-1.0278	-1.2137	-1.0846	-0.9558

Surface Pressures



Medium Radius L.E.

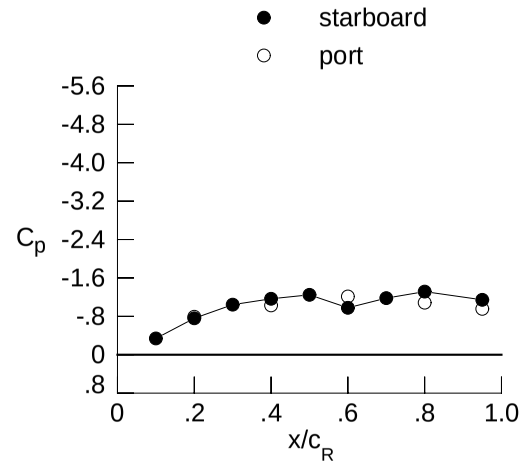
Run No. = 11 , Point No. = 228

C_N = 0.407, C_m = -0.0885

α = 9.1 °, M_∞ = 0.848

$R_{mac} = 24.1 \times 10^6$

Leading Edge Pressures

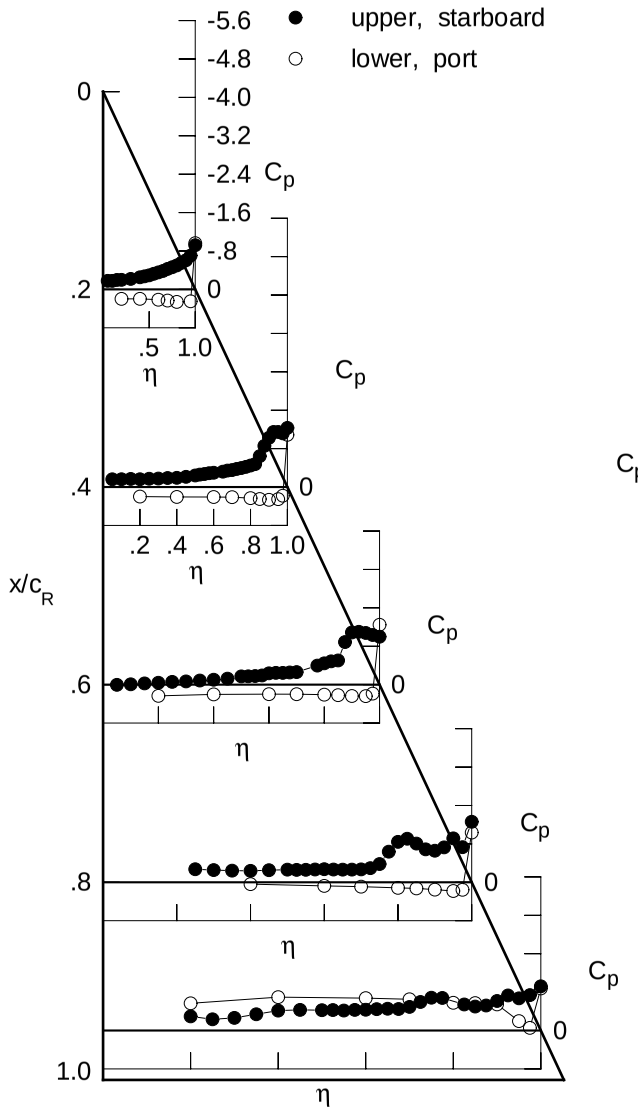


x/c_R	starb'd C_p	port C_p
0.10	-0.3390	*******
0.20	-0.7594	-0.7909
0.30	-1.0430	*******
0.40	-1.1653	-1.0278
0.50	-1.2480	*******
0.60	-0.9776	-1.2137
0.70	-1.1789	*******
0.80	-1.3149	-1.0846
0.90	-0.1179	*******
0.95	-1.1440	-0.9558

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	-0.1781	-0.1617	0.0043	*******	*******
0.100	-0.1776	-0.1623	-0.0068	*******	*******
0.150	-0.1965	-0.1689	-0.0257	*******	*******
0.200	-0.1989	-0.1623	-0.0394	*******	-0.2943
0.250	*******	-0.1732	-0.0572	-0.2717	-0.2337
0.300	-0.2183	-0.1771	-0.0670	-0.2543	-0.2631
0.350	*******	-0.1880	-0.0855	-0.2425	-0.3387
0.400	-0.2517	-0.1920	-0.1027	-0.2387	-0.4147
0.450	-0.2724	-0.2129	-0.1248	-0.2516	-0.4299
0.500	-0.2929	-0.2411	-0.1717	-0.2628	-0.4230
0.525	*******	-0.2590	-0.1739	-0.2581	-0.4262
0.550	-0.3248	-0.2714	-0.1789	-0.2597	-0.4157
0.575	*******	-0.2880	-0.1911	-0.2660	-0.4298
0.600	-0.3548	-0.2978	-0.2356	-0.2728	-0.4331
0.625	*******	*******	-0.2456	-0.2660	-0.4450
0.650	-0.3839	-0.3196	-0.2451	-0.2636	-0.4539
0.675	*******	-0.3429	-0.2537	-0.2641	-0.4479
0.700	-0.4267	-0.3536	-0.2617	-0.2685	-0.4916
0.725	*******	-0.3768	*******	-0.2945	-0.5948
0.750	-0.4615	-0.3959	*******	-0.3801	-0.6830
0.775	*******	-0.4203	-0.3965	-0.6376	-0.6781
0.800	-0.4995	-0.4481	-0.4443	-0.8423	*******
0.825	*******	-0.4780	-0.4852	-0.9073	-0.5421
0.850	-0.5521	-0.6438	-0.5039	-0.8068	-0.4992
0.875	*******	-0.8569	-0.8871	-0.6868	-0.5205
0.900	-0.6068	-1.0253	-1.0873	-0.6573	-0.6156
0.925	*******	-1.1469	-1.1004	-0.7275	-0.7303
0.950	-0.7048	-1.1472	-1.0769	-0.9156	-0.6704
0.975	*******	-1.1183	-1.0344	-0.7309	-0.7376
1.000	-0.9199	-1.2318	-0.9983	-1.2604	-0.9208
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1979	0.1986	0.2339	*******	-0.5665
-0.400	0.1967	0.2065	0.2034	0.0386	-0.6950
-0.600	0.2150	0.2080	0.1982	0.0751	-0.6744
-0.700	0.2329	0.2116	0.1992	0.0911	-0.6508
-0.800	0.2605	0.2312	0.2086	0.1163	-0.5776
-0.850	*******	0.2494	0.2193	0.1274	-0.5714
-0.900	*******	0.2666	0.2365	0.1524	-0.5438
-0.950	0.2481	0.2521	0.2392	0.1819	-0.1961
-0.975	*******	0.1806	0.1865	0.1561	-0.0553
-1.000	-0.9629	-1.0877	-1.2470	-1.0364	-0.8766

Surface Pressures



Medium Radius L.E.

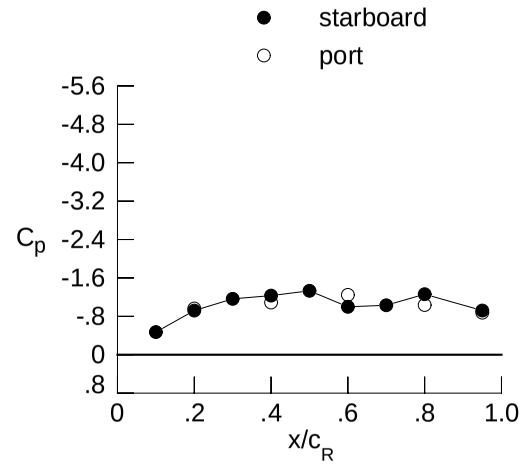
Run No. = 11 , Point No. = 229

C_N = 0.468, C_m = -0.0998

α = 10.2 °, M_∞ = 0.849

R_{mac} = 24.0×10^6

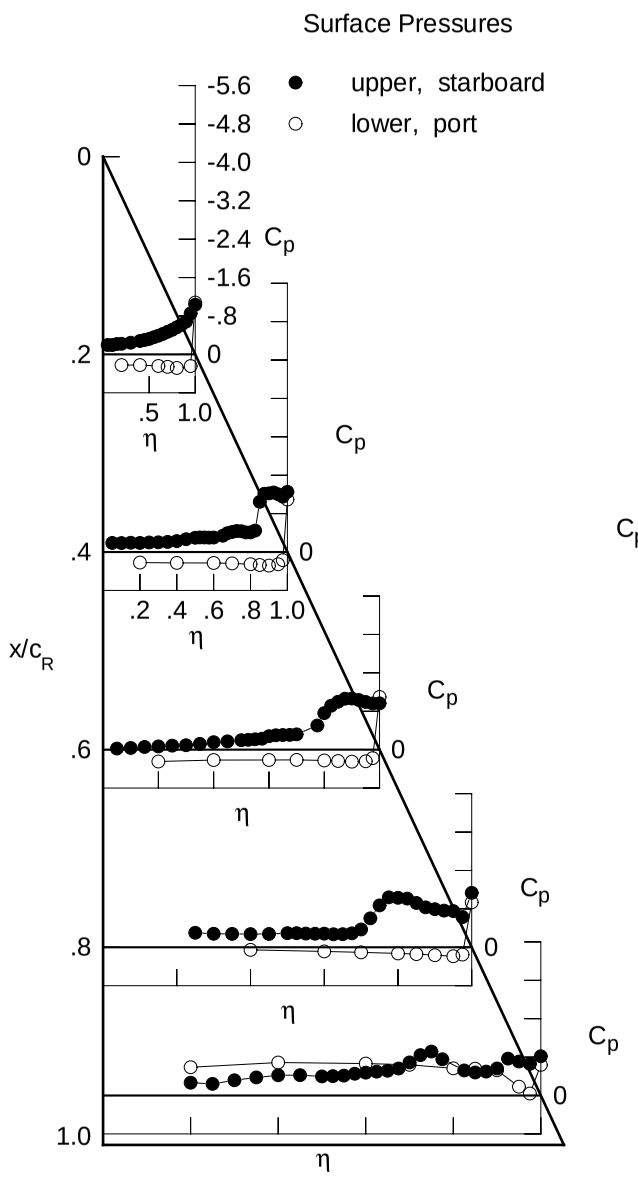
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.4716	*******
0.20	-0.9199	-0.9629
0.30	-1.1642	*******
0.40	-1.2318	-1.0877
0.50	-1.3317	*******
0.60	-0.9983	-1.2470
0.70	-1.0304	*******
0.80	-1.2604	-1.0364
0.90	-0.1175	*******
0.95	-0.9208	-0.8766

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	-0.1961	-0.1893	-0.0221	*******	*******
0.100	-0.1942	-0.1872	-0.0356	*******	*******
0.150	-0.2158	-0.1936	-0.0556	*******	*******
0.200	-0.2207	-0.1898	-0.0674	*******	-0.2666
0.250	*******	-0.1991	-0.0830	-0.3022	-0.2425
0.300	-0.2434	-0.2026	-0.0920	-0.2817	-0.3172
0.350	*******	-0.2116	-0.1201	-0.2792	-0.3764
0.400	-0.2793	-0.2281	-0.1552	-0.2748	-0.4216
0.450	-0.3003	-0.2673	-0.1729	-0.2779	-0.4243
0.500	-0.3223	-0.2974	-0.1971	-0.2942	-0.3976
0.525	*******	-0.3041	-0.2051	-0.2934	-0.4034
0.550	-0.3565	-0.3034	-0.2150	-0.2859	-0.4141
0.575	*******	-0.3003	-0.2278	-0.2825	-0.4539
0.600	-0.3895	-0.3026	-0.2800	-0.2836	-0.4763
0.625	*******	*******	-0.2990	-0.2711	-0.4966
0.650	-0.4270	-0.3401	-0.3052	-0.2726	-0.5156
0.675	*******	-0.3931	-0.3074	-0.2904	-0.5621
0.700	-0.4701	-0.4179	-0.3187	-0.3716	-0.6897
0.725	*******	-0.4381	*******	-0.6030	-0.8420
0.750	-0.5116	-0.4335	*******	-0.8731	-0.9159
0.775	*******	-0.4083	-0.5029	-1.0412	-0.7550
0.800	-0.5646	-0.4096	-0.7606	-1.0315	*******
0.825	*******	-0.4471	-0.9155	-1.0144	-0.5225
0.850	-0.6179	-1.0465	-0.9979	-0.9235	-0.4793
0.875	*******	-1.2144	-1.0617	-0.8321	-0.4982
0.900	-0.6821	-1.2218	-1.0649	-0.7939	-0.5634
0.925	*******	-1.2406	-1.0335	-0.7642	-0.7690
0.950	-0.8535	-1.2042	-0.9929	-0.7548	-0.7084
0.975	*******	-1.1533	-0.9616	-0.6298	-0.6590
1.000	-1.0343	-1.2546	-0.9648	-1.1346	-0.8174
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2221	0.2191	0.2471	*******	-0.5886
-0.400	0.2226	0.2268	0.2171	0.0537	-0.6872
-0.600	0.2419	0.2279	0.2158	0.0862	-0.6656
-0.700	0.2594	0.2364	0.2133	0.1056	-0.6402
-0.800	0.2825	0.2539	0.2256	0.1278	-0.5661
-0.850	*******	0.2695	0.2366	0.1421	-0.5592
-0.900	*******	0.2825	0.2505	0.1646	-0.5253
-0.950	0.2435	0.2555	0.2427	0.1867	-0.1837
-0.975	*******	0.1691	0.1770	0.1511	-0.0418
-1.000	-1.0798	-1.0933	-1.0978	-0.9357	-0.6386



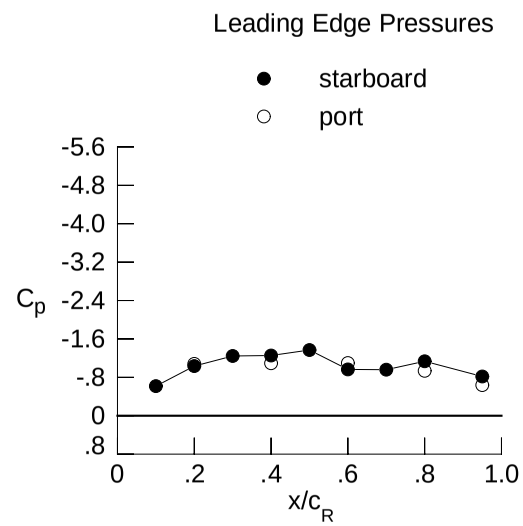
Medium Radius L.E.

Run No. = 11 , Point No. = 230

C_N = 0.532, C_m = -0.1140

α = 11.2 °, M_∞ = 0.850

R_{mac} = 24.0×10^6

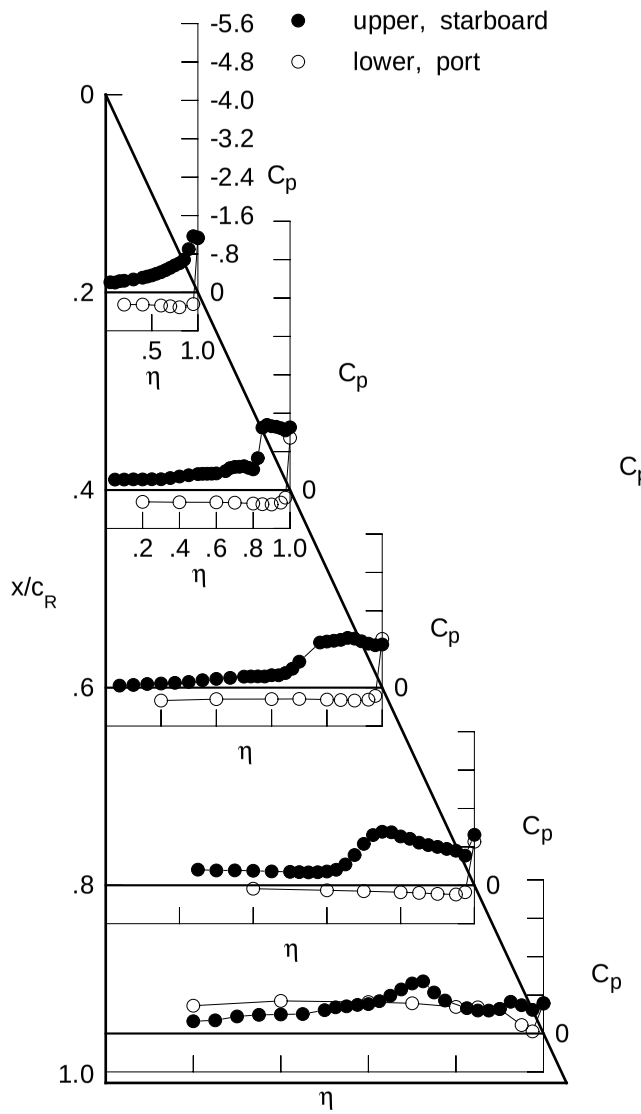


x/c_R	starb'd C_p	port C_p
0.10	-0.6168	*******
0.20	-1.0343	-1.0798
0.30	-1.2446	*******
0.40	-1.2546	-1.0933
0.50	-1.3690	*******
0.60	-0.9648	-1.0978
0.70	-0.9588	*******
0.80	-1.1346	-0.9357
0.90	-0.1146	*******
0.95	-0.8174	-0.6386

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	-0.2105	-0.2175	-0.0427	*******	*******
0.100	-0.2039	-0.2185	-0.0559	*******	*******
0.150	-0.2337	-0.2221	-0.0757	*******	*******
0.200	-0.2426	-0.2211	-0.0858	*******	-0.2550
0.250	*******	-0.2248	-0.1001	-0.3254	-0.2748
0.300	-0.2689	-0.2246	-0.1196	-0.3088	-0.3553
0.350	*******	-0.2499	-0.1551	-0.3102	-0.3886
0.400	-0.3054	-0.2819	-0.1822	-0.3026	-0.3964
0.450	-0.3297	-0.3081	-0.2044	-0.2890	-0.4056
0.500	-0.3535	-0.3318	-0.2285	-0.2798	-0.4863
0.525	*******	-0.3381	-0.2330	-0.2746	-0.5457
0.550	-0.3882	-0.3390	-0.2346	-0.2692	-0.5662
0.575	*******	-0.3405	-0.2322	-0.2722	-0.5964
0.600	-0.4213	-0.3461	-0.2589	-0.2870	-0.6127
0.625	*******	*******	-0.2574	-0.3233	-0.6734
0.650	-0.4641	-0.3937	-0.3037	-0.4347	-0.7869
0.675	*******	-0.4578	-0.3938	-0.6301	-0.9172
0.700	-0.5116	-0.4817	-0.5407	-0.8626	-1.0425
0.725	*******	-0.4846	*******	-1.0465	-1.0867
0.750	-0.5628	-0.4972	*******	-1.1155	-0.8543
0.775	*******	-0.4628	-0.9398	-1.1043	-0.6869
0.800	-0.6083	-0.4303	-0.9602	-1.0177	*******
0.825	*******	-0.6648	-0.9764	-0.9681	-0.5277
0.850	-0.6810	-1.2993	-0.9956	-0.8883	-0.4790
0.875	*******	-1.3569	-1.0366	-0.8373	-0.4773
0.900	-0.9007	-1.3292	-1.0209	-0.8003	-0.5128
0.925	*******	-1.3174	-0.9656	-0.7576	-0.6605
0.950	-1.1706	-1.2889	-0.9157	-0.7201	-0.5893
0.975	*******	-1.2427	-0.8831	-0.6175	-0.4929
1.000	-1.1279	-1.3060	-0.8986	-1.0519	-0.6332
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2540	0.2460	0.2695	*******	-0.5791
-0.400	0.2536	0.2547	0.2395	0.0713	-0.6794
-0.600	0.2735	0.2556	0.2381	0.1048	-0.6541
-0.700	0.2893	0.2639	0.2353	0.1228	-0.6295
-0.800	0.3101	0.2815	0.2486	0.1455	-0.5534
-0.850	*******	0.2951	0.2585	0.1582	-0.5448
-0.900	*******	0.3008	0.2686	0.1790	-0.5076
-0.950	0.2444	0.2619	0.2503	0.1918	-0.1763
-0.975	*******	0.1588	0.1723	0.1444	-0.0442
-1.000	-1.1434	-1.0881	-1.0151	-0.9075	-0.6227

Surface Pressures



Medium Radius L.E.

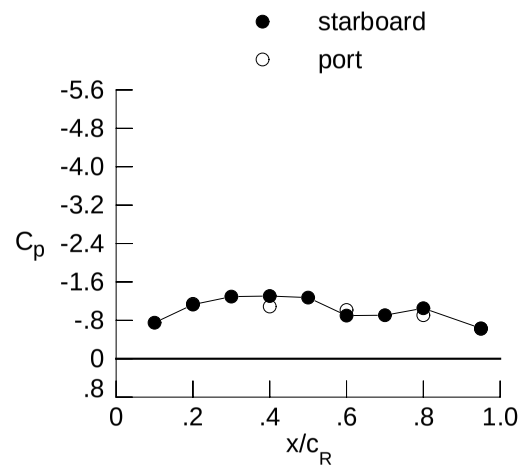
Run No. = 11 , Point No. = 231

C_N = 0.591, C_m = -0.1249

α = 12.2 °, M_∞ = 0.849

R_{mac} = 23.9×10^6

Leading Edge Pressures

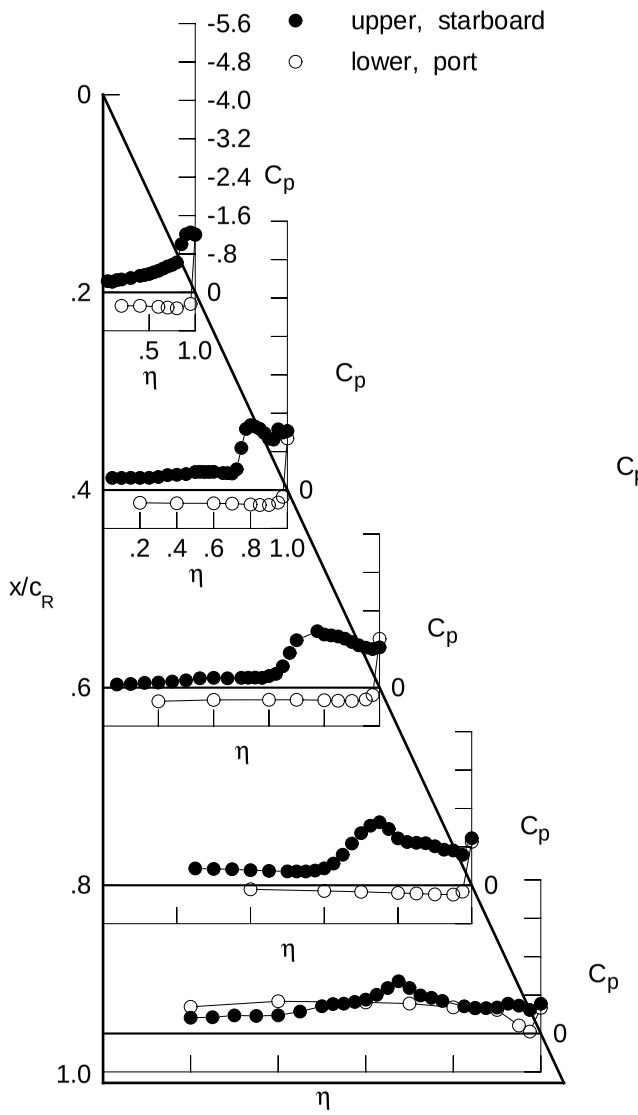


x/c_R	starb'd C_p	port C_p
0.10	-0.7503	*******
0.20	-1.1279	-1.1434
0.30	-1.2943	*******
0.40	-1.3060	-1.0881
0.50	-1.2737	*******
0.60	-0.8986	-1.0151
0.70	-0.9063	*******
0.80	-1.0519	-0.9075
0.90	-0.1011	*******
0.95	-0.6332	-0.6227

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	-0.2336	-0.2527	-0.0653	*******	*******
0.100	-0.2209	-0.2521	-0.0762	*******	*******
0.150	-0.2551	-0.2548	-0.0988	*******	*******
0.200	-0.2688	-0.2538	-0.1066	*******	-0.3290
0.250	*******	-0.2551	-0.1273	-0.3500	-0.3382
0.300	-0.2992	-0.2720	-0.1518	-0.3409	-0.3766
0.350	*******	-0.3111	-0.1954	-0.3345	-0.3662
0.400	-0.3439	-0.3188	-0.2051	-0.3143	-0.3781
0.450	-0.3628	-0.3326	-0.1940	-0.3004	-0.4569
0.500	-0.3831	-0.3748	-0.2049	-0.2896	-0.5676
0.525	*******	-0.3802	-0.2074	-0.2878	-0.6132
0.550	-0.4173	-0.3763	-0.2094	-0.2881	-0.6219
0.575	*******	-0.3765	-0.2031	-0.3063	-0.6579
0.600	-0.4495	-0.3802	-0.2416	-0.3522	-0.7058
0.625	*******	*******	-0.2864	-0.4531	-0.8062
0.650	-0.4936	-0.3539	-0.4450	-0.6369	-0.9472
0.675	*******	-0.3519	-0.7230	-0.8704	-1.0879
0.700	-0.5398	-0.3452	-0.9871	-1.0852	-0.9476
0.725	*******	-0.4330	*******	-1.2409	-0.7930
0.750	-0.5740	-0.8767	*******	-1.3132	-0.7441
0.775	*******	-1.2721	-1.1749	-1.1717	-0.6780
0.800	-0.6247	-1.3508	-1.1066	-0.9768	*******
0.825	*******	-1.3214	-1.0881	-0.9017	-0.5661
0.850	-1.0036	-1.2741	-1.0666	-0.8856	-0.5257
0.875	*******	-1.1860	-1.0202	-0.8759	-0.5280
0.900	-1.2096	-1.0692	-0.9514	-0.8131	-0.5417
0.925	*******	-1.0504	-0.8814	-0.7419	-0.6207
0.950	-1.2489	-1.2645	-0.8329	-0.7248	-0.5803
0.975	*******	-1.1969	-0.8042	-0.6343	-0.4902
1.000	-1.2097	-1.2302	-0.8381	-0.9798	-0.6197
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2798	0.2660	0.2848	*******	-0.5560
-0.400	0.2800	0.2756	0.2554	0.0839	-0.6718
-0.600	0.3004	0.2766	0.2537	0.1178	-0.6483
-0.700	0.3156	0.2841	0.2535	0.1357	-0.6236
-0.800	0.3309	0.3013	0.2625	0.1602	-0.5444
-0.850	*******	0.3122	0.2726	0.1713	-0.5331
-0.900	*******	0.3116	0.2774	0.1893	-0.4912
-0.950	0.2402	0.2607	0.2466	0.1935	-0.1661
-0.975	*******	0.1419	0.1546	0.1322	-0.0411
-1.000	-1.1989	-1.0756	-1.0175	-0.9052	-0.5338

Surface Pressures



Medium Radius L.E.

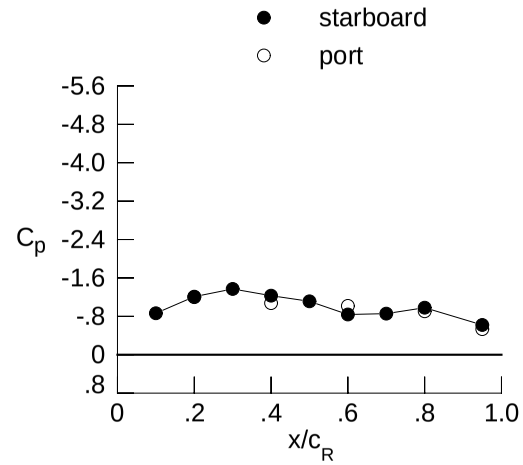
Run No. = 11 , Point No. = 232

C_N = 0.643, C_m = -0.1299

α = 13.2 °, M_∞ = 0.848

R_{mac} = 23.9×10^6

Leading Edge Pressures

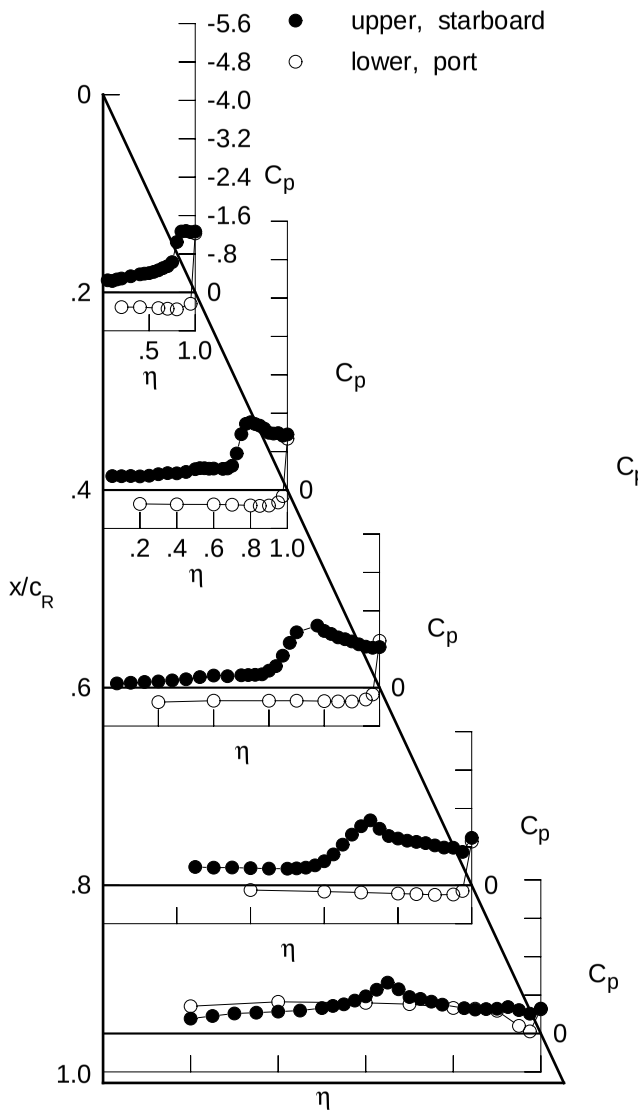


x/c_R	starb'd C_p	port C_p
0.10	-0.8641	*******
0.20	-1.2097	-1.1989
0.30	-1.3705	*******
0.40	-1.2302	-1.0756
0.50	-1.1129	*******
0.60	-0.8381	-1.0175
0.70	-0.8561	*******
0.80	-0.9798	-0.9052
0.90	-0.0906	*******
0.95	-0.6197	-0.5338

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	-0.2522	-0.2906	-0.0877	*******	*******
0.100	-0.2377	-0.2877	-0.1013	*******	*******
0.150	-0.2697	-0.2921	-0.1181	*******	*******
0.200	-0.2887	-0.2838	-0.1296	*******	-0.3101
0.250	*******	-0.2983	-0.1508	-0.3813	-0.3646
0.300	-0.3357	-0.3297	-0.1741	-0.3670	-0.4167
0.350	*******	-0.3523	-0.2204	-0.3703	-0.4339
0.400	-0.3758	-0.3482	-0.2520	-0.3565	-0.4560
0.450	-0.3902	-0.3764	-0.2383	-0.3472	-0.4775
0.500	-0.4012	-0.4343	-0.2576	-0.3453	-0.5297
0.525	*******	-0.4562	-0.2626	-0.3517	-0.5743
0.550	-0.4275	-0.4547	-0.2674	-0.3675	-0.6079
0.575	*******	-0.4443	-0.2773	-0.4153	-0.6856
0.600	-0.4608	-0.4470	-0.3538	-0.5008	-0.7746
0.625	*******	*******	-0.4478	-0.6428	-0.9120
0.650	-0.5057	-0.4404	-0.6654	-0.8462	-1.0601
0.675	*******	-0.4493	-0.9325	-1.0549	-0.9218
0.700	-0.5462	-0.5056	-1.1526	-1.2301	-0.7599
0.725	*******	-0.7618	*******	-1.3526	-0.7206
0.750	-0.6302	-1.1629	*******	-1.1772	-0.6636
0.775	*******	-1.3784	-1.2924	-1.0266	-0.6010
0.800	-1.0489	-1.4126	-1.1806	-0.9738	*******
0.825	*******	-1.3754	-1.1183	-0.9288	-0.5277
0.850	-1.2677	-1.3407	-1.0473	-0.9043	-0.4992
0.875	*******	-1.2791	-1.0090	-0.8784	-0.5088
0.900	-1.2788	-1.1931	-0.9620	-0.8305	-0.5163
0.925	*******	-1.1760	-0.9023	-0.7858	-0.5516
0.950	-1.2552	-1.1853	-0.8535	-0.7827	-0.4878
0.975	*******	-1.1328	-0.8306	-0.6956	-0.4130
1.000	-1.2674	-1.1587	-0.8449	-0.9877	-0.5187
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3070	0.2892	0.3017	*******	-0.5682
-0.400	0.3075	0.2987	0.2723	0.0995	-0.6604
-0.600	0.3276	0.3001	0.2731	0.1312	-0.6381
-0.700	0.3412	0.3061	0.2725	0.1501	-0.6116
-0.800	0.3526	0.3218	0.2810	0.1720	-0.5324
-0.850	*******	0.3302	0.2882	0.1840	-0.5178
-0.900	*******	0.3230	0.2895	0.1993	-0.4736
-0.950	0.2377	0.2586	0.2473	0.1921	-0.1586
-0.975	*******	0.1257	0.1419	0.1178	-0.0439
-1.000	-1.2285	-1.0699	-0.9740	-0.9105	-0.5044

Surface Pressures



Medium Radius L.E.

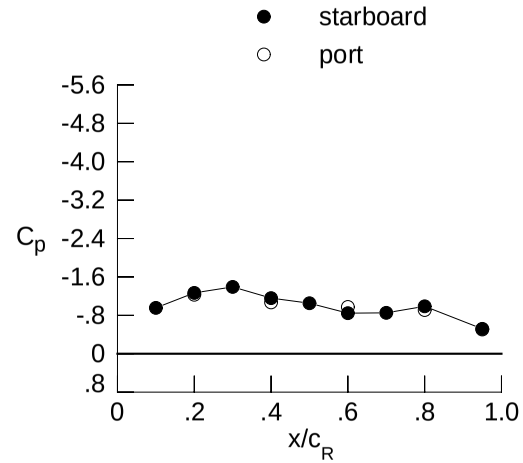
Run No. = 11 , Point No. = 233

C_N = 0.700, C_m = -0.1381

α = 14.3 °, M_∞ = 0.849

R_{mac} = 23.8×10^6

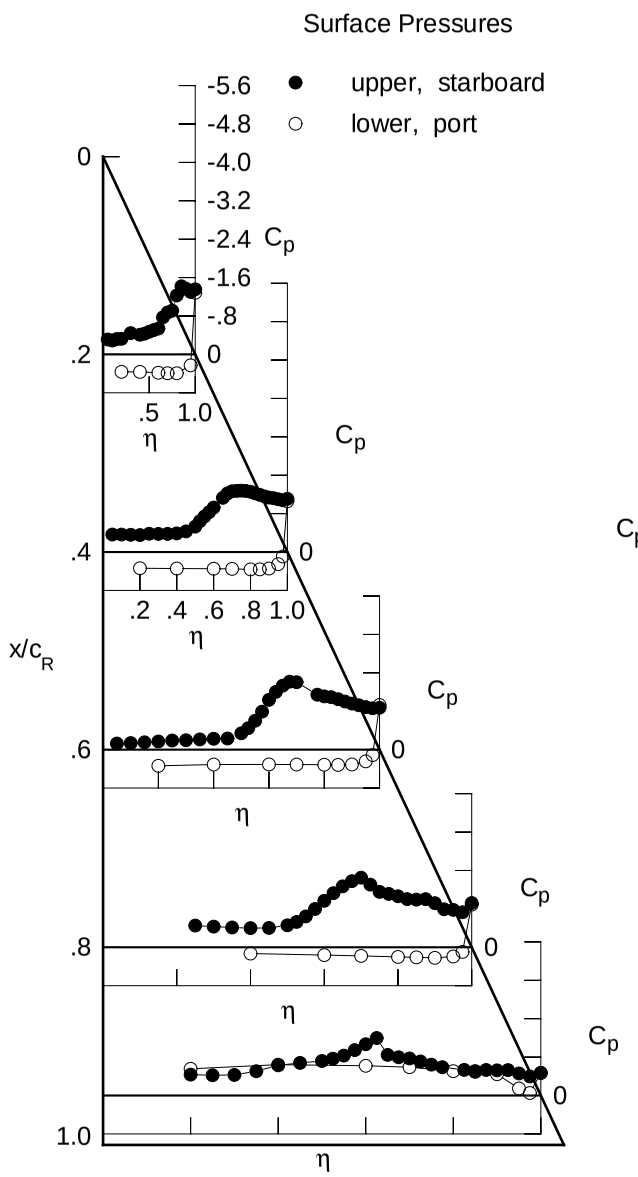
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-0.9555	*******
0.20	-1.2674	-1.2285
0.30	-1.3923	*******
0.40	-1.1587	-1.0699
0.50	-1.0523	*******
0.60	-0.8449	-0.9740
0.70	-0.8518	*******
0.80	-0.9877	-0.9105
0.90	-0.0759	*******
0.95	-0.5187	-0.5044

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	-0.3106	-0.3649	-0.1271	*******	*******
0.100	-0.2885	-0.3640	-0.1365	*******	*******
0.150	-0.3208	-0.3593	-0.1528	*******	*******
0.200	-0.3244	-0.3540	-0.1701	*******	-0.4355
0.250	*******	-0.3809	-0.1904	-0.4529	-0.4214
0.300	-0.4430	-0.3779	-0.1962	-0.4307	-0.4291
0.350	*******	-0.3783	-0.2128	-0.4125	-0.5060
0.400	-0.4099	-0.3884	-0.2266	-0.3988	-0.6284
0.450	-0.4319	-0.4296	-0.2322	-0.4033	-0.6789
0.500	-0.4704	-0.5298	-0.3409	-0.4578	-0.7192
0.525	*******	-0.6420	-0.4465	-0.5290	-0.7674
0.550	-0.5064	-0.7403	-0.6027	-0.6430	-0.8314
0.575	*******	-0.8298	-0.7923	-0.7978	-0.9466
0.600	-0.5381	-0.9268	-1.0371	-0.9683	-1.0676
0.625	*******	*******	-1.2034	-1.1276	-1.1978
0.650	-0.7720	-1.1293	-1.3335	-1.2700	-0.8460
0.675	*******	-1.2207	-1.4159	-1.3776	-0.7971
0.700	-0.8735	-1.2663	-1.4051	-1.4501	-0.7724
0.725	*******	-1.2746	*******	-1.3056	-0.7100
0.750	-0.9118	-1.2796	*******	-1.1542	-0.6434
0.775	*******	-1.2728	-1.1451	-1.1120	-0.5896
0.800	-1.2269	-1.2548	-1.1096	-1.0632	*******
0.825	*******	-1.2231	-1.0932	-1.0042	-0.5340
0.850	-1.4188	-1.1922	-1.0504	-0.9930	-0.5090
0.875	*******	-1.1595	-1.0023	-1.0025	-0.5319
0.900	-1.3680	-1.1346	-0.9596	-0.9191	-0.5243
0.925	*******	-1.1214	-0.9247	-0.7923	-0.5296
0.950	-1.3009	-1.0991	-0.8866	-0.7795	-0.4602
0.975	*******	-1.0781	-0.8617	-0.7306	-0.3970
1.000	-1.3561	-1.1085	-0.8739	-0.9222	-0.4730
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3630	0.3376	0.3374	*******	-0.5565
-0.400	0.3646	0.3440	0.3101	0.1304	-0.6428
-0.600	0.3827	0.3477	0.3082	0.1622	-0.6195
-0.700	0.3919	0.3513	0.3102	0.1794	-0.5900
-0.800	0.3931	0.3613	0.3141	0.2007	-0.5076
-0.850	*******	0.3611	0.3183	0.2096	-0.4918
-0.900	*******	0.3433	0.3100	0.2197	-0.4431
-0.950	0.2281	0.2527	0.2441	0.1921	-0.1468
-0.975	*******	0.0929	0.1138	0.0958	-0.0520
-1.000	-1.2829	-1.0581	-0.9307	-0.8896	-0.4680



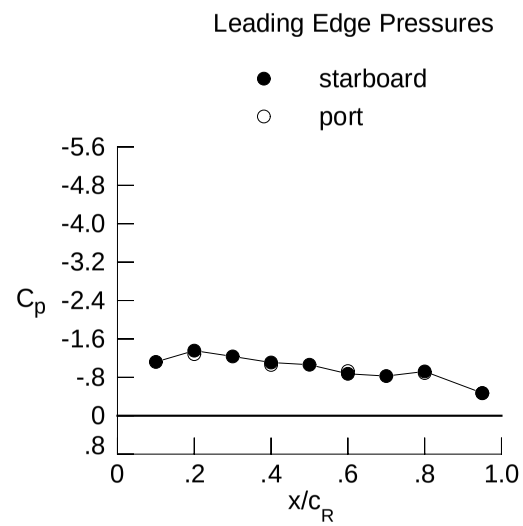
Medium Radius L.E.

Run No. = 11 , Point No. = 234

C_N = 0.820, C_m = -0.1582

α = 16.3 °, M_∞ = 0.848

R_{mac} = 23.7×10^6

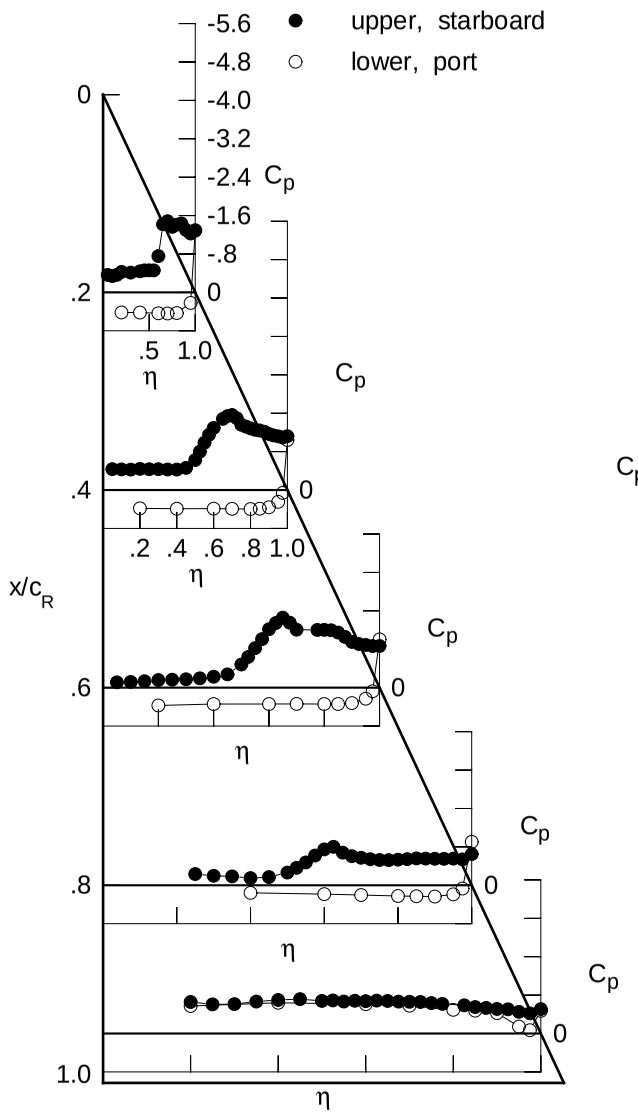


x/c_R	starb'd C_p	port C_p
0.10	-1.1207	*******
0.20	-1.3561	-1.2829
0.30	-1.2353	*******
0.40	-1.1085	-1.0581
0.50	-1.0627	*******
0.60	-0.8739	-0.9307
0.70	-0.8261	*******
0.80	-0.9222	-0.8896
0.90	-0.0416	*******
0.95	-0.4730	-0.4680

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	-0.3642	-0.4355	-0.1104	*******	*******
0.100	-0.3397	-0.4305	-0.1195	*******	*******
0.150	-0.3657	-0.4258	-0.1334	*******	*******
0.200	-0.4273	-0.4416	-0.1584	*******	-0.6568
0.250	*******	-0.4336	-0.1659	-0.2343	-0.6072
0.300	-0.4119	-0.4341	-0.1743	-0.1976	-0.6127
0.350	*******	-0.4273	-0.1946	-0.1855	-0.6654
0.400	-0.4394	-0.4262	-0.2270	-0.1502	-0.6993
0.450	-0.4590	-0.4615	-0.2765	-0.1708	-0.7161
0.500	-0.4596	-0.6265	-0.4813	-0.2644	-0.6789
0.525	*******	-0.7997	-0.6391	-0.3636	-0.6898
0.550	-0.4588	-0.9857	-0.8231	-0.4762	-0.6661
0.575	*******	-1.1514	-1.0112	-0.6197	-0.6828
0.600	-0.7566	-1.2942	-1.2172	-0.7470	-0.6736
0.625	*******	*******	-1.3471	-0.8019	-0.6856
0.650	-1.4167	-1.4834	-1.4587	-0.6803	-0.6781
0.675	*******	-1.5399	-1.3535	-0.6061	-0.6649
0.700	-1.4834	-1.5634	-1.2074	-0.5734	-0.6620
0.725	*******	-1.4958	*******	-0.5434	-0.6568
0.750	-1.3659	-1.3590	*******	-0.5271	-0.6348
0.775	*******	-1.3213	-1.2021	-0.5251	-0.6173
0.800	-1.4113	-1.2842	-1.2041	-0.5338	*******
0.825	*******	-1.2549	-1.1948	-0.5445	-0.5875
0.850	-1.4349	-1.2414	-1.1477	-0.5603	-0.5511
0.875	*******	-1.2142	-1.0577	-0.5560	-0.5334
0.900	-1.2999	-1.1683	-0.9527	-0.5530	-0.5114
0.925	*******	-1.1379	-0.9099	-0.5523	-0.5039
0.950	-1.2261	-1.1183	-0.8885	-0.5551	-0.4519
0.975	*******	-1.0947	-0.8662	-0.5400	-0.4198
1.000	-1.2858	-1.1218	-0.8679	-0.6503	-0.5077
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4185	0.3817	0.3716	*******	-0.5722
-0.400	0.4199	0.3893	0.3416	0.1573	-0.6406
-0.600	0.4356	0.3876	0.3413	0.1842	-0.6107
-0.700	0.4393	0.3922	0.3391	0.2031	-0.5792
-0.800	0.4305	0.3957	0.3415	0.2229	-0.4936
-0.850	*******	0.3899	0.3406	0.2287	-0.4761
-0.900	*******	0.3593	0.3218	0.2348	-0.4250
-0.950	0.2189	0.2456	0.2307	0.1891	-0.1441
-0.975	*******	0.0603	0.0748	0.0676	-0.0686
-1.000	-1.2971	-1.0424	-1.0048	-0.9038	-0.4722

Surface Pressures



Medium Radius L.E.

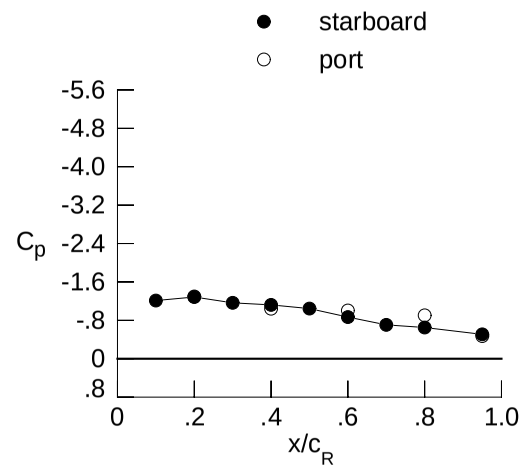
Run No. = 11 , Point No. = 235

C_N = 0.849, C_m = -0.1418

α = 18.3 °, M_∞ = 0.850

R_{mac} = 23.7×10^6

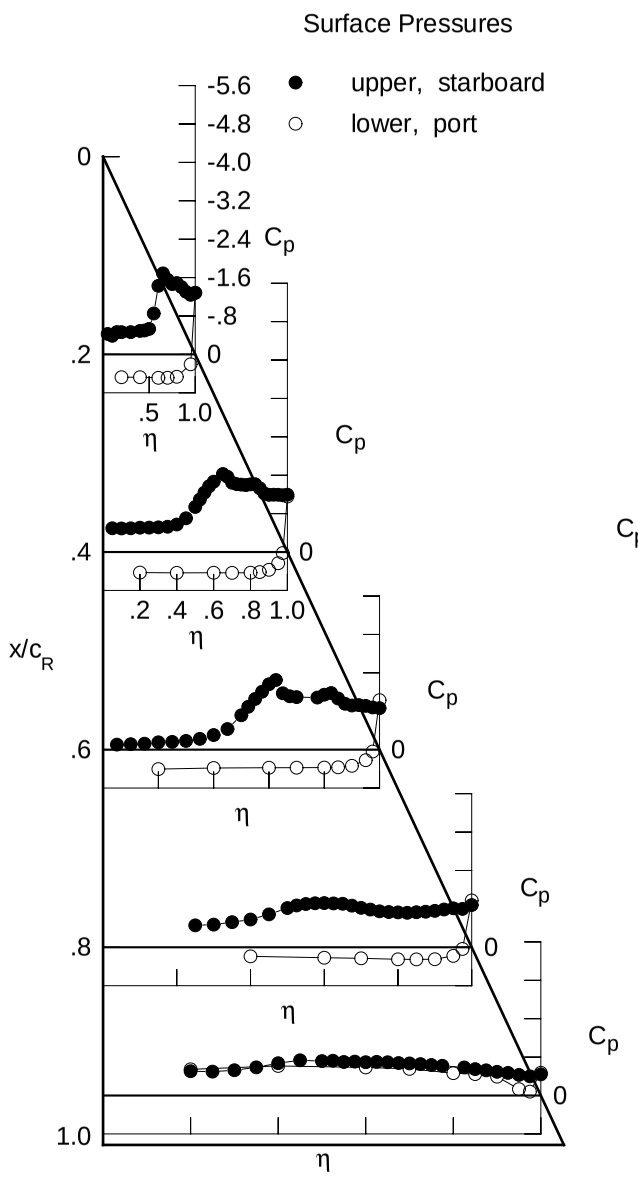
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2119	*******
0.20	-1.2858	-1.2971
0.30	-1.1644	*******
0.40	-1.1218	-1.0424
0.50	-1.0447	*******
0.60	-0.8679	-1.0048
0.70	-0.7056	*******
0.80	-0.6503	-0.9038
0.90	-0.0163	*******
0.95	-0.5077	-0.4722

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	-0.4259	-0.4949	-0.1044	*******	*******
0.100	-0.3872	-0.4909	-0.1139	*******	*******
0.150	-0.4644	-0.4941	-0.1243	*******	*******
0.200	-0.4633	-0.5070	-0.1529	*******	-0.5064
0.250	*******	-0.5086	-0.1613	-0.4572	-0.4976
0.300	-0.4639	-0.5141	-0.1816	-0.4721	-0.5265
0.350	*******	-0.5274	-0.2252	-0.5235	-0.5863
0.400	-0.4887	-0.5735	-0.3038	-0.5782	-0.6730
0.450	-0.4980	-0.7031	-0.4297	-0.6859	-0.7340
0.500	-0.5303	-0.9395	-0.7162	-0.8174	-0.7171
0.525	*******	-1.0937	-0.8925	-0.8708	-0.7245
0.550	-0.8520	-1.2385	-1.0559	-0.9014	-0.6986
0.575	*******	-1.3700	-1.2065	-0.9165	-0.7068
0.600	-1.4281	-1.4659	-1.3623	-0.9210	-0.6936
0.625	*******	*******	-1.4505	-0.9133	-0.7006
0.650	-1.6884	-1.6260	-1.1745	-0.9067	-0.6932
0.675	*******	-1.5684	-1.1117	-0.8668	-0.6770
0.700	-1.5561	-1.4429	-1.0946	-0.8216	-0.6689
0.725	*******	-1.4145	*******	-0.7859	-0.6547
0.750	-1.4638	-1.4037	*******	-0.7499	-0.6355
0.775	*******	-1.3946	-1.0847	-0.7343	-0.6190
0.800	-1.4866	-1.4104	-1.1446	-0.7269	*******
0.825	*******	-1.4129	-1.1788	-0.7185	-0.5846
0.850	-1.4029	-1.3289	-1.0654	-0.7307	-0.5495
0.875	*******	-1.2216	-0.9562	-0.7411	-0.5246
0.900	-1.3045	-1.1919	-0.9191	-0.7594	-0.4932
0.925	*******	-1.1947	-0.9281	-0.7872	-0.4711
0.950	-1.2406	-1.1929	-0.9122	-0.8122	-0.4294
0.975	*******	-1.1832	-0.8784	-0.7991	-0.3995
1.000	-1.2837	-1.1942	-0.8644	-0.8803	-0.4398
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4761	0.4277	0.4053	*******	-0.5455
-0.400	0.4752	0.4339	0.3828	0.1888	-0.6158
-0.600	0.4879	0.4314	0.3766	0.2176	-0.5845
-0.700	0.4870	0.4346	0.3761	0.2296	-0.5551
-0.800	0.4662	0.4304	0.3735	0.2502	-0.4655
-0.850	*******	0.4177	0.3677	0.2521	-0.4466
-0.900	*******	0.3702	0.3367	0.2491	-0.3926
-0.950	0.2064	0.2325	0.2198	0.1793	-0.1332
-0.975	*******	0.0209	0.0395	0.0348	-0.0812
-1.000	-1.2808	-1.1571	-1.0302	-0.9758	-0.4730



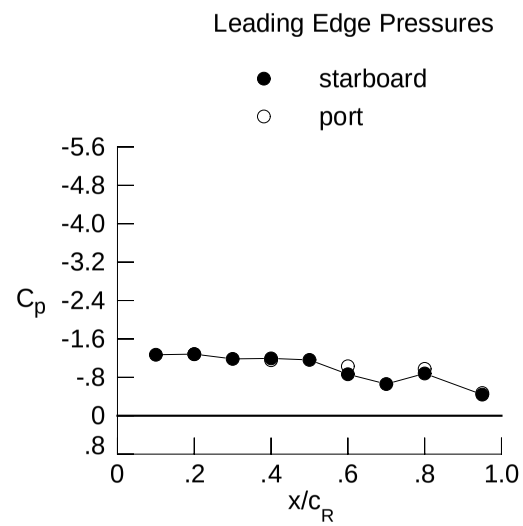
Medium Radius L.E.

Run No. = 11 , Point No. = 236

C_N = 0.987, C_m = -0.1844

α = 20.4 °, M_∞ = 0.850

R_{mac} = 23.9×10^6

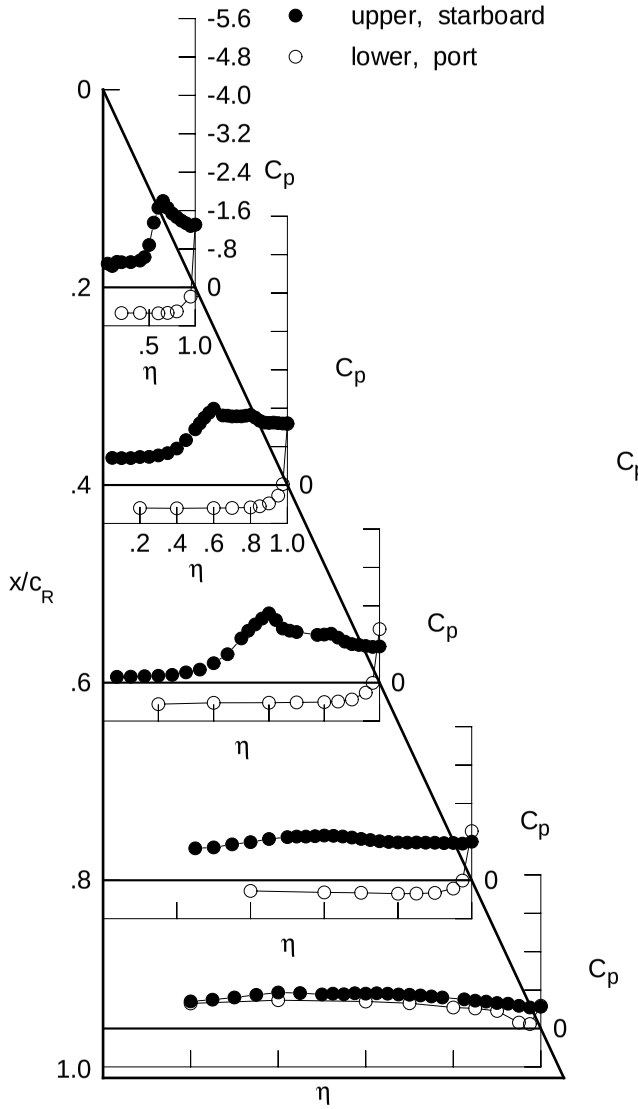


x/c_R	starb'd C_p	port C_p
0.10	-1.2703	*******
0.20	-1.2837	-1.2808
0.30	-1.1839	*******
0.40	-1.1942	-1.1571
0.50	-1.1630	*******
0.60	-0.8644	-1.0302
0.70	-0.6603	*******
0.80	-0.8803	-0.9758
0.90	-0.0214	*******
0.95	-0.4398	-0.4730

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	-0.4942	-0.5653	-0.1218	*******	*******
0.100	-0.4457	-0.5605	-0.1251	*******	*******
0.150	-0.5313	-0.5618	-0.1346	*******	*******
0.200	-0.5242	-0.5840	-0.1428	*******	-0.5646
0.250	*******	-0.5872	-0.1613	-0.6657	-0.6007
0.300	-0.5266	-0.6169	-0.2134	-0.6845	-0.6461
0.350	*******	-0.6644	-0.2717	-0.7480	-0.7008
0.400	-0.5582	-0.7611	-0.4051	-0.7946	-0.7502
0.450	-0.6300	-0.9362	-0.5924	-0.8602	-0.7386
0.500	-0.8832	-1.1605	-0.9208	-0.8989	-0.7100
0.525	*******	-1.2840	-1.0807	-0.9105	-0.7253
0.550	-1.3491	-1.4015	-1.2108	-0.9104	-0.7134
0.575	*******	-1.5058	-1.3342	-0.9182	-0.7341
0.600	-1.6602	-1.5906	-1.4440	-0.9319	-0.7265
0.625	*******	*******	-1.3038	-0.9261	-0.7343
0.650	-1.7996	-1.4487	-1.1272	-0.9116	-0.7259
0.675	*******	-1.4446	-1.0821	-0.8907	-0.7091
0.700	-1.6556	-1.4289	-1.0547	-0.8617	-0.7028
0.725	*******	-1.4316	*******	-0.8387	-0.6884
0.750	-1.5390	-1.4300	*******	-0.8139	-0.6681
0.775	*******	-1.4451	-0.9947	-0.7986	-0.6462
0.800	-1.4638	-1.4606	-1.0020	-0.7883	*******
0.825	*******	-1.4053	-1.0194	-0.7841	-0.6079
0.850	-1.3904	-1.3393	-0.9378	-0.7875	-0.5796
0.875	*******	-1.3014	-0.8536	-0.7831	-0.5598
0.900	-1.3369	-1.2937	-0.8026	-0.7824	-0.5309
0.925	*******	-1.3011	-0.7855	-0.7743	-0.5169
0.950	-1.2788	-1.2902	-0.7636	-0.7776	-0.4730
0.975	*******	-1.2813	-0.7440	-0.7640	-0.4377
1.000	-1.3055	-1.2881	-0.7538	-0.8040	-0.4536
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.5350	0.4789	0.4487	*******	-0.5221
-0.400	0.5330	0.4852	0.4200	0.2218	-0.5898
-0.600	0.5403	0.4789	0.4181	0.2529	-0.5627
-0.700	0.5317	0.4776	0.4122	0.2608	-0.5263
-0.800	0.5000	0.4662	0.4052	0.2790	-0.4375
-0.850	*******	0.4428	0.3939	0.2766	-0.4186
-0.900	*******	0.3825	0.3508	0.2630	-0.3654
-0.950	0.1924	0.2203	0.2092	0.1732	-0.1231
-0.975	*******	-0.0176	0.0057	0.0057	-0.0928
-1.000	-1.3075	-1.2719	-1.1154	-1.0243	-0.4752

Surface Pressures



Medium Radius L.E.

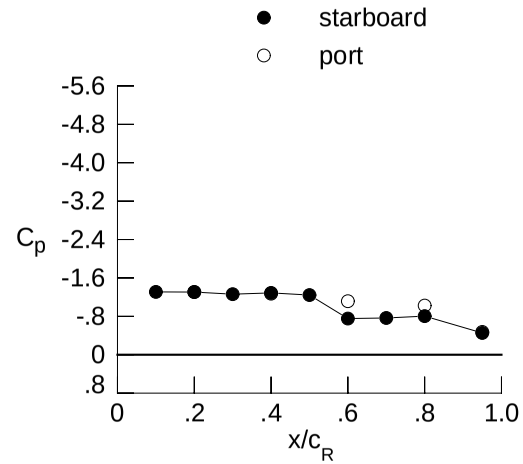
Run No. = 11 , Point No. = 237

C_N = 1.087, C_m = -0.2009

α = 22.4 °, M_∞ = 0.849

R_{mac} = 24.0×10^6

Leading Edge Pressures

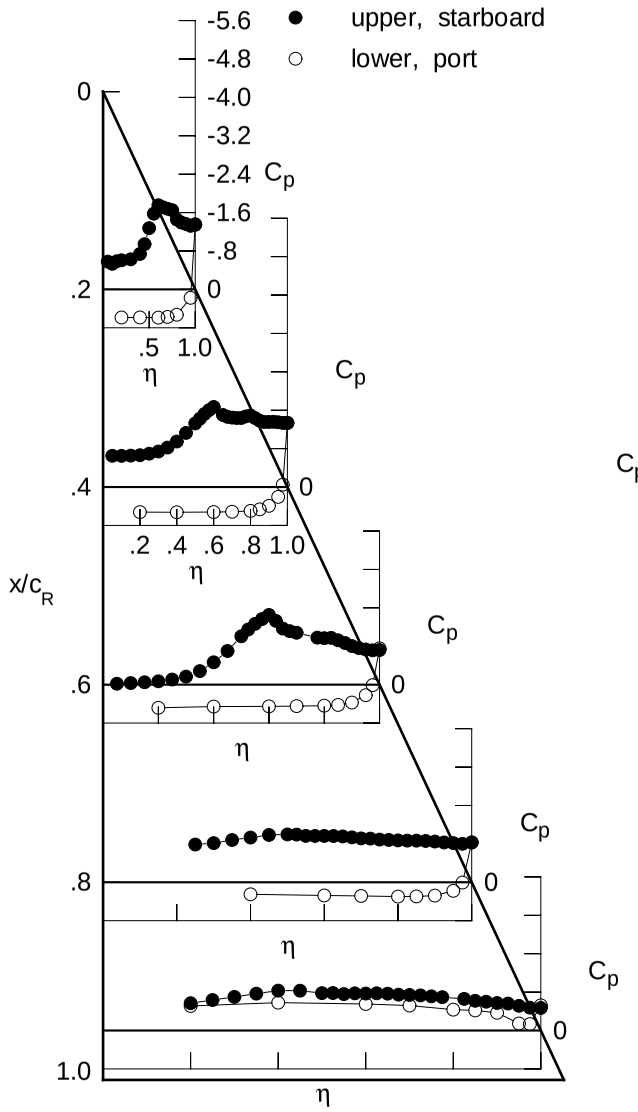


x/c_R	starb'd C_p	port C_p
0.10	-1.3088	*******
0.20	-1.3055	-1.3075
0.30	-1.2615	*******
0.40	-1.2881	-1.2719
0.50	-1.2435	*******
0.60	-0.7538	-1.1154
0.70	-0.7655	*******
0.80	-0.8040	-1.0243
0.90	-0.0108	*******
0.95	-0.4536	-0.4752

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	-0.5785	-0.6513	-0.0193	*******	*******
0.100	-0.5331	-0.6498	-0.0325	*******	*******
0.150	-0.5862	-0.6545	-0.0498	*******	*******
0.200	-0.6069	-0.6630	-0.0700	*******	-0.5685
0.250	*******	-0.6942	-0.1067	-0.7864	-0.6353
0.300	-0.6263	-0.7402	-0.1673	-0.8158	-0.6998
0.350	*******	-0.8223	-0.2824	-0.8811	-0.7681
0.400	-0.7377	-0.9476	-0.4659	-0.9316	-0.8311
0.450	-0.9414	-1.1281	-0.7006	-0.9861	-0.8299
0.500	-1.2757	-1.3245	-1.0068	-0.9971	-0.7783
0.525	*******	-1.4224	-1.1485	-0.9935	-0.7810
0.550	-1.5764	-1.5214	-1.2671	-0.9663	-0.7584
0.575	*******	-1.6016	-1.3665	-0.9659	-0.7748
0.600	-1.7525	-1.6682	-1.4520	-0.9652	-0.7696
0.625	*******	*******	-1.3281	-0.9637	-0.7755
0.650	-1.7095	-1.5015	-1.1686	-0.9555	-0.7671
0.675	*******	-1.4621	-1.1146	-0.9356	-0.7461
0.700	-1.6793	-1.4468	-1.0805	-0.9145	-0.7409
0.725	*******	-1.4382	*******	-0.9093	-0.7318
0.750	-1.6505	-1.4388	*******	-0.8897	-0.7120
0.775	*******	-1.4717	-0.9794	-0.8825	-0.6947
0.800	-1.4561	-1.4916	-0.9678	-0.8729	*******
0.825	*******	-1.4371	-0.9750	-0.8683	-0.6582
0.850	-1.3922	-1.3819	-0.9239	-0.8673	-0.6190
0.875	*******	-1.3550	-0.8674	-0.8604	-0.6002
0.900	-1.3620	-1.3563	-0.8044	-0.8484	-0.5725
0.925	*******	-1.3594	-0.7607	-0.8294	-0.5618
0.950	-1.3236	-1.3494	-0.7321	-0.8171	-0.5141
0.975	*******	-1.3356	-0.7155	-0.8018	-0.4764
1.000	-1.3446	-1.3385	-0.7209	-0.8296	-0.4694
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5860	0.5228	0.4822	*******	-0.5112
-0.400	0.5851	0.5255	0.4566	0.2501	-0.5809
-0.600	0.5879	0.5209	0.4528	0.2747	-0.5521
-0.700	0.5733	0.5155	0.4473	0.2847	-0.5201
-0.800	0.5281	0.4964	0.4388	0.2974	-0.4346
-0.850	*******	0.4651	0.4233	0.2946	-0.4184
-0.900	*******	0.3919	0.3725	0.2779	-0.3692
-0.950	0.1752	0.2056	0.2201	0.1772	-0.1454
-0.975	*******	-0.0499	0.0101	0.0052	-0.1345
-1.000	-1.3580	-1.3314	-0.7570	-0.8304	-0.5250

Surface Pressures



Medium Radius L.E.

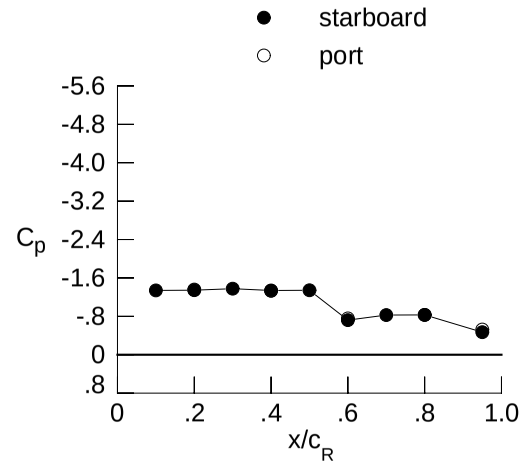
Run No. = 11 , Point No. = 238

C_N = 1.131, C_m = -0.2004

α = 24.5 °, M_∞ = 0.850

R_{mac} = 23.8×10^6

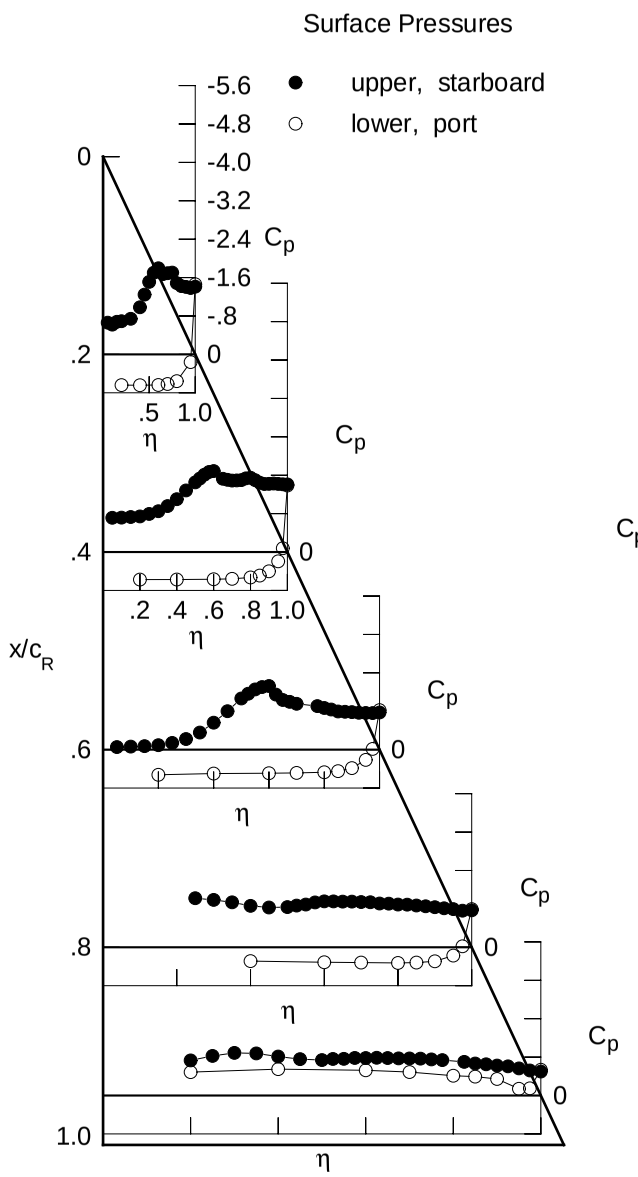
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3398	*******
0.20	-1.3446	-1.3580
0.30	-1.3758	*******
0.40	-1.3385	-1.3314
0.50	-1.3429	*******
0.60	-0.7209	-0.7570
0.70	-0.8267	*******
0.80	-0.8296	-0.8304
0.90	-0.0111	*******
0.95	-0.4694	-0.5250

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	-0.6607	-0.7134	-0.0539	*******	*******
0.100	-0.6196	-0.7165	-0.0631	*******	*******
0.150	-0.6795	-0.7295	-0.0728	*******	*******
0.200	-0.6911	-0.7413	-0.0930	*******	-0.7314
0.250	*******	-0.7936	-0.1399	-1.0220	-0.8246
0.300	-0.7413	-0.8504	-0.2204	-0.9869	-0.8878
0.350	*******	-0.9574	-0.3557	-0.9370	-0.8770
0.400	-0.9815	-1.1009	-0.5618	-0.8636	-0.8116
0.450	-1.2454	-1.2830	-0.8009	-0.8289	-0.7574
0.500	-1.5102	-1.4515	-1.0657	-0.8378	-0.7384
0.525	*******	-1.5311	-1.1651	-0.8687	-0.7613
0.550	-1.7009	-1.6114	-1.2547	-0.8902	-0.7638
0.575	*******	-1.6682	-1.3036	-0.9346	-0.7826
0.600	-1.7940	-1.6870	-1.3259	-0.9566	-0.7811
0.625	*******	*******	-1.1470	-0.9561	-0.7867
0.650	-1.6725	-1.5266	-1.0343	-0.9508	-0.7811
0.675	*******	-1.5048	-0.9959	-0.9515	-0.7738
0.700	-1.6913	-1.4888	-0.9554	-0.9428	-0.7723
0.725	*******	-1.4917	*******	-0.9380	-0.7681
0.750	-1.7040	-1.4988	*******	-0.9118	-0.7521
0.775	*******	-1.5354	-0.9072	-0.9091	-0.7379
0.800	-1.4850	-1.5480	-0.8676	-0.8902	*******
0.825	*******	-1.4972	-0.8362	-0.8882	-0.7009
0.850	-1.4220	-1.4445	-0.7956	-0.8705	-0.6665
0.875	*******	-1.4173	-0.7889	-0.8541	-0.6504
0.900	-1.4053	-1.4208	-0.7812	-0.8354	-0.6241
0.925	*******	-1.4275	-0.7684	-0.8129	-0.6082
0.950	-1.3828	-1.4195	-0.7643	-0.7953	-0.5645
0.975	*******	-1.4109	-0.7615	-0.7628	-0.5217
1.000	-1.4102	-1.4087	-0.7744	-0.7703	-0.4994
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6403	0.5739	0.5236	*******	-0.4876
-0.400	0.6425	0.5729	0.4981	0.2879	-0.5492
-0.600	0.6373	0.5669	0.4914	0.3117	-0.5253
-0.700	0.6165	0.5584	0.4849	0.3187	-0.4887
-0.800	0.5578	0.5297	0.4713	0.3262	-0.4124
-0.850	*******	0.4901	0.4478	0.3185	-0.3934
-0.900	*******	0.4016	0.3851	0.2924	-0.3445
-0.950	0.1602	0.1936	0.2134	0.1727	-0.1402
-0.975	*******	-0.0796	-0.0155	-0.0209	-0.1493
-1.000	-1.4609	-1.3853	-0.8232	-0.7955	-0.5369



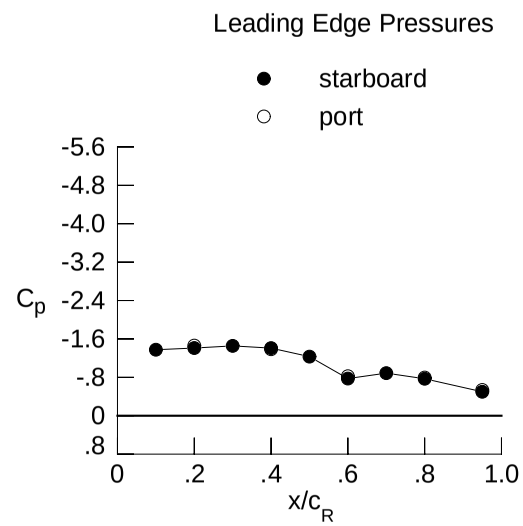
Medium Radius L.E.

Run No. = 11 , Point No. = 239

C_N = 1.209, C_m = -0.2101

α = 26.6 °, M_∞ = 0.848

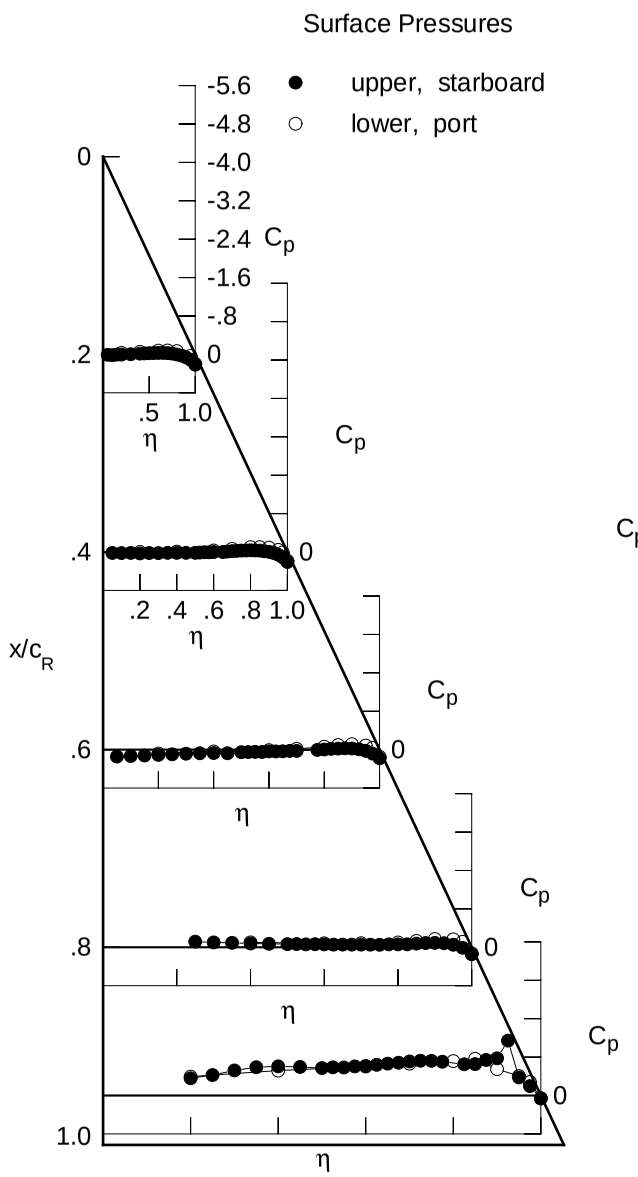
R_{mac} = 23.6×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.3749	*******
0.20	-1.4102	-1.4609
0.30	-1.4550	*******
0.40	-1.4087	-1.3853
0.50	-1.2314	*******
0.60	-0.7744	-0.8232
0.70	-0.8875	*******
0.80	-0.7703	-0.7955
0.90	0.0134	*******
0.95	-0.4994	-0.5369

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	0.0085	0.0191	0.1443	*******	*******
0.100	0.0161	0.0212	0.1329	*******	*******
0.150	0.0045	0.0187	0.1223	*******	*******
0.200	0.0039	0.0287	0.1087	*******	-0.3590
0.250	*******	0.0204	0.0972	-0.1172	-0.4262
0.300	-0.0031	0.0224	0.0848	-0.1017	-0.5225
0.350	*******	0.0165	0.0752	-0.0924	-0.5892
0.400	-0.0157	0.0166	0.0705	-0.0790	-0.6076
0.450	-0.0209	0.0167	0.0748	-0.0728	-0.5953
0.500	-0.0245	0.0159	0.0533	-0.0660	-0.5715
0.525	*******	0.0112	0.0495	-0.0680	-0.5873
0.550	-0.0278	0.0047	0.0461	-0.0609	-0.5841
0.575	*******	0.0056	0.0490	-0.0641	-0.6066
0.600	-0.0315	0.0003	0.0367	-0.0599	-0.6147
0.625	*******	*******	0.0379	-0.0554	-0.6398
0.650	-0.0308	0.0001	0.0342	-0.0558	-0.6640
0.675	*******	-0.0096	0.0265	-0.0554	-0.6835
0.700	-0.0265	-0.0182	0.0252	-0.0549	-0.7092
0.725	*******	-0.0237	*******	-0.0545	-0.7247
0.750	-0.0156	-0.0304	*******	-0.0523	-0.7223
0.775	*******	-0.0318	0.0054	-0.0610	-0.7038
0.800	0.0014	-0.0368	-0.0031	-0.0611	*******
0.825	*******	-0.0329	-0.0168	-0.0618	-0.6505
0.850	0.0241	-0.0298	-0.0213	-0.0770	-0.6544
0.875	*******	-0.0158	-0.0272	-0.0877	-0.7412
0.900	0.0613	-0.0049	-0.0236	-0.0919	-0.7750
0.925	*******	0.0191	-0.0083	-0.0851	-1.1433
0.950	0.1123	0.0570	0.0242	-0.0531	-0.3769
0.975	*******	0.1119	0.0836	0.0097	-0.1962
1.000	0.2155	0.2080	0.1790	0.1459	0.0633
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0305	-0.0028	0.0818	*******	-0.3935
-0.400	-0.0532	-0.0084	0.0395	-0.1025	-0.5200
-0.600	-0.0781	-0.0321	0.0104	-0.0823	-0.6047
-0.700	-0.0807	-0.0654	-0.0159	-0.0846	-0.6638
-0.800	-0.0690	-0.1017	-0.0604	-0.0998	-0.7168
-0.850	*******	-0.1022	-0.0956	-0.1323	-0.7645
-0.900	*******	-0.0920	-0.1133	-0.1716	-0.5493
-0.950	0.0302	-0.0456	-0.0843	-0.1645	-0.4063
-0.975	*******	0.0084	-0.0367	-0.1135	-0.2825
-1.000	0.1960	0.1817	0.1468	0.1270	0.0546



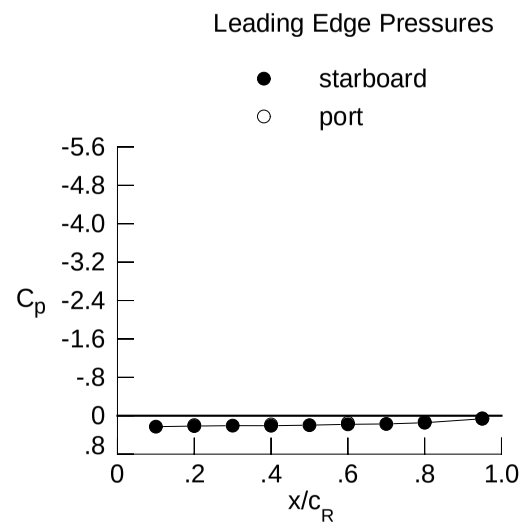
Medium Radius L.E.

Run No. = 12 , Point No. = 240

C_N = -0.014, C_m = -0.0110

α = -0.8 °, M_∞ = 0.850

$R_{mac} = 35.9 \times 10^6$

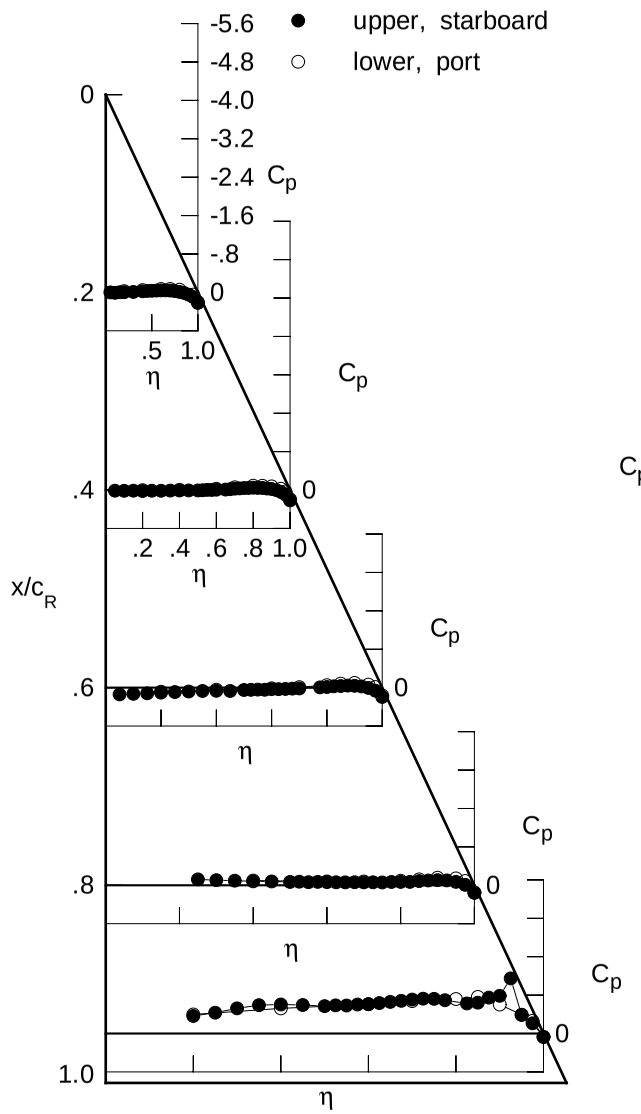


x/c_R	starb'd C_p	port C_p
0.10	0.2282	*******
0.20	0.2155	0.1960
0.30	0.2066	*******
0.40	0.2080	0.1817
0.50	0.1965	*******
0.60	0.1790	0.1468
0.70	0.1710	*******
0.80	0.1459	0.1270
0.90	0.0672	*******
0.95	0.0633	0.0546

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	0.0004	0.0139	0.1408	*******	*******
0.100	0.0088	0.0156	0.1287	*******	*******
0.150	-0.0027	0.0133	0.1186	*******	*******
0.200	-0.0033	0.0212	0.1044	*******	-0.3656
0.250	*******	0.0146	0.0919	-0.1228	-0.4334
0.300	-0.0097	0.0153	0.0809	-0.1062	-0.5240
0.350	*******	0.0113	0.0698	-0.0962	-0.5906
0.400	-0.0232	0.0099	0.0657	-0.0825	-0.6050
0.450	-0.0301	0.0082	0.0696	-0.0796	-0.5937
0.500	-0.0339	0.0079	0.0485	-0.0699	-0.5705
0.525	*******	0.0045	0.0453	-0.0744	-0.5863
0.550	-0.0375	-0.0030	0.0408	-0.0652	-0.5833
0.575	*******	-0.0014	0.0442	-0.0710	-0.6042
0.600	-0.0420	-0.0074	0.0318	-0.0665	-0.6115
0.625	*******	*******	0.0319	-0.0622	-0.6345
0.650	-0.0422	-0.0099	0.0268	-0.0611	-0.6587
0.675	*******	-0.0178	0.0204	-0.0630	-0.6805
0.700	-0.0379	-0.0291	0.0166	-0.0611	-0.7073
0.725	*******	-0.0339	*******	-0.0627	-0.7253
0.750	-0.0274	-0.0414	*******	-0.0590	-0.7223
0.775	*******	-0.0435	-0.0056	-0.0691	-0.6939
0.800	-0.0107	-0.0490	-0.0137	-0.0706	*******
0.825	*******	-0.0451	-0.0280	-0.0703	-0.6254
0.850	0.0109	-0.0444	-0.0336	-0.0882	-0.6428
0.875	*******	-0.0314	-0.0422	-0.1004	-0.7482
0.900	0.0472	-0.0214	-0.0387	-0.1064	-0.7853
0.925	*******	0.0009	-0.0259	-0.1017	-1.1479
0.950	0.0980	0.0397	0.0052	-0.0709	-0.3879
0.975	*******	0.0937	0.0630	-0.0098	-0.2129
1.000	0.2191	0.2161	0.1944	0.1586	0.0727
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	-0.0262	0.0022	0.0847	*******	-0.3971
-0.400	-0.0476	-0.0046	0.0430	-0.0987	-0.5231
-0.600	-0.0703	-0.0263	0.0144	-0.0796	-0.6107
-0.700	-0.0707	-0.0575	-0.0102	-0.0792	-0.6753
-0.800	-0.0562	-0.0901	-0.0514	-0.0952	-0.7187
-0.850	*******	-0.0891	-0.0833	-0.1233	-0.7622
-0.900	*******	-0.0761	-0.0980	-0.1579	-0.6035
-0.950	0.0455	-0.0270	-0.0632	-0.1441	-0.3909
-0.975	*******	0.0294	-0.0129	-0.0893	-0.2640
-1.000	0.2022	0.1930	0.1625	0.1470	0.0688

Surface Pressures



Medium Radius L.E.

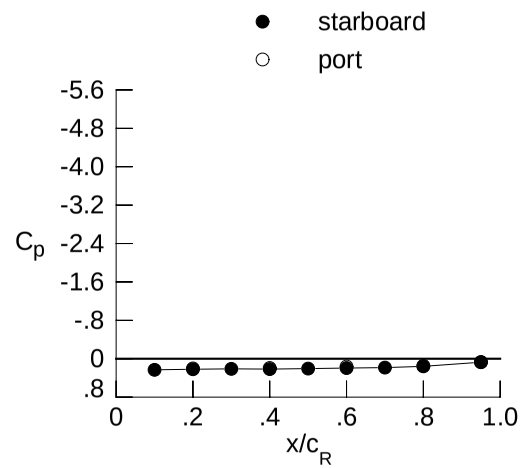
Run No. = 12 , Point No. = 241

C_N = -0.002, C_m = -0.0120

α = -0.5 °, M_∞ = 0.851

R_{mac} = 36.0×10^6

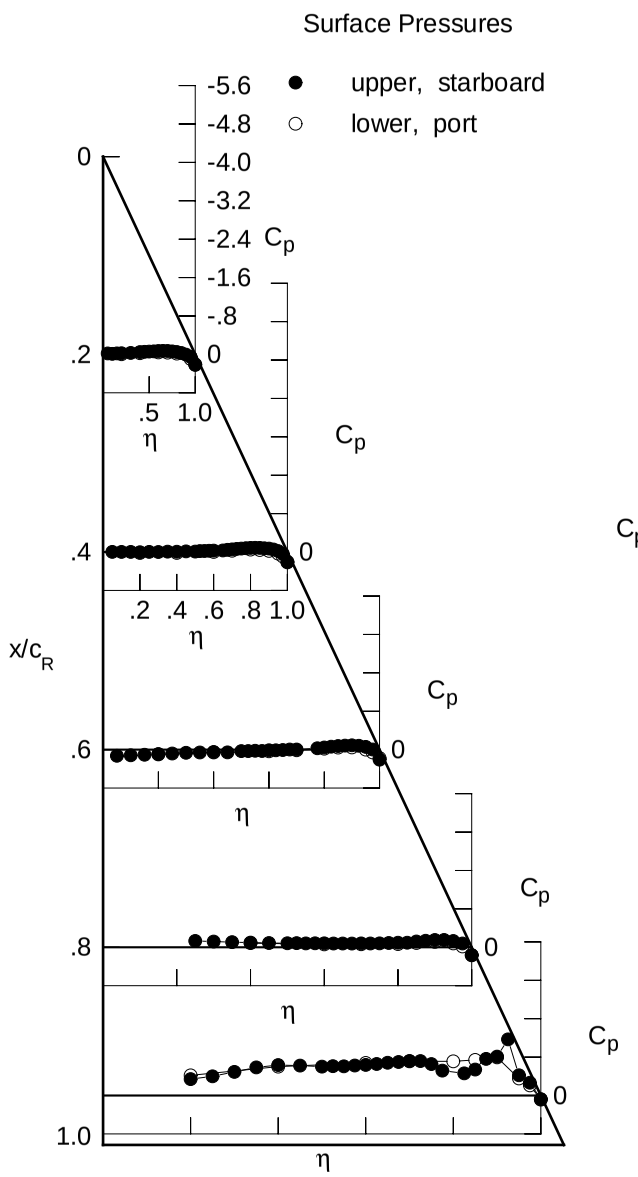
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2309	*******
0.20	0.2191	0.2022
0.30	0.2108	*******
0.40	0.2161	0.1930
0.50	0.2056	*******
0.60	0.1944	0.1625
0.70	0.1848	*******
0.80	0.1586	0.1470
0.90	0.0716	*******
0.95	0.0727	0.0688

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	-0.0201	-0.0030	0.1281	*******	*******
0.100	-0.0114	-0.0023	0.1175	*******	*******
0.150	-0.0209	-0.0027	0.1063	*******	*******
0.200	-0.0238	0.0040	0.0922	*******	-0.3414
0.250	*******	-0.0034	0.0807	-0.1324	-0.4003
0.300	-0.0301	-0.0007	0.0657	-0.1192	-0.4920
0.350	*******	-0.0082	0.0592	-0.1068	-0.5854
0.400	-0.0481	-0.0063	0.0489	-0.0973	-0.6344
0.450	-0.0535	-0.0137	0.0566	-0.0891	-0.6231
0.500	-0.0583	-0.0094	0.0303	-0.0843	-0.6019
0.525	*******	-0.0197	0.0295	-0.0861	-0.6110
0.550	-0.0635	-0.0213	0.0230	-0.0809	-0.6080
0.575	*******	-0.0268	0.0276	-0.0834	-0.6251
0.600	-0.0706	-0.0293	0.0131	-0.0825	-0.6372
0.625	*******	*******	0.0137	-0.0784	-0.6567
0.650	-0.0729	-0.0326	0.0083	-0.0786	-0.6821
0.675	*******	-0.0465	-0.0021	-0.0779	-0.6984
0.700	-0.0713	-0.0549	-0.0026	-0.0805	-0.7188
0.725	*******	-0.0651	*******	-0.0795	-0.7179
0.750	-0.0625	-0.0719	*******	-0.0815	-0.6554
0.775	*******	-0.0798	-0.0291	-0.0900	-0.5187
0.800	-0.0493	-0.0860	-0.0452	-0.0956	*******
0.825	*******	-0.0878	-0.0615	-0.0949	-0.4617
0.850	-0.0290	-0.0866	-0.0754	-0.1206	-0.5409
0.875	*******	-0.0787	-0.0839	-0.1362	-0.7635
0.900	0.0045	-0.0723	-0.0902	-0.1524	-0.8103
0.925	*******	-0.0531	-0.0809	-0.1532	-1.1694
0.950	0.0531	-0.0199	-0.0572	-0.1311	-0.4215
0.975	*******	0.0346	-0.0035	-0.0795	-0.2668
1.000	0.2191	0.2149	0.2084	0.1619	0.0751
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0028	0.0189	0.0988	*******	-0.4199
-0.400	-0.0246	0.0185	0.0582	-0.0868	-0.6019
-0.600	-0.0412	-0.0021	0.0344	-0.0610	-0.6784
-0.700	-0.0366	-0.0273	0.0130	-0.0628	-0.7117
-0.800	-0.0169	-0.0513	-0.0203	-0.0670	-0.7122
-0.850	*******	-0.0423	-0.0435	-0.0897	-0.7413
-0.900	*******	-0.0238	-0.0466	-0.1120	-0.7945
-0.950	0.0943	0.0328	-0.0005	-0.0808	-0.3550
-0.975	*******	0.0923	0.0575	-0.0172	-0.2109
-1.000	0.2074	0.2014	0.1749	0.1671	0.0858



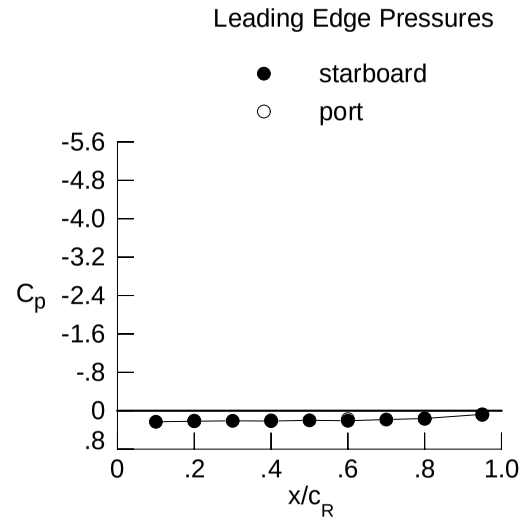
Medium Radius L.E.

Run No. = 12 , Point No. = 242

C_N = 0.040, C_m = -0.0202

α = 0.6 °, M_∞ = 0.850

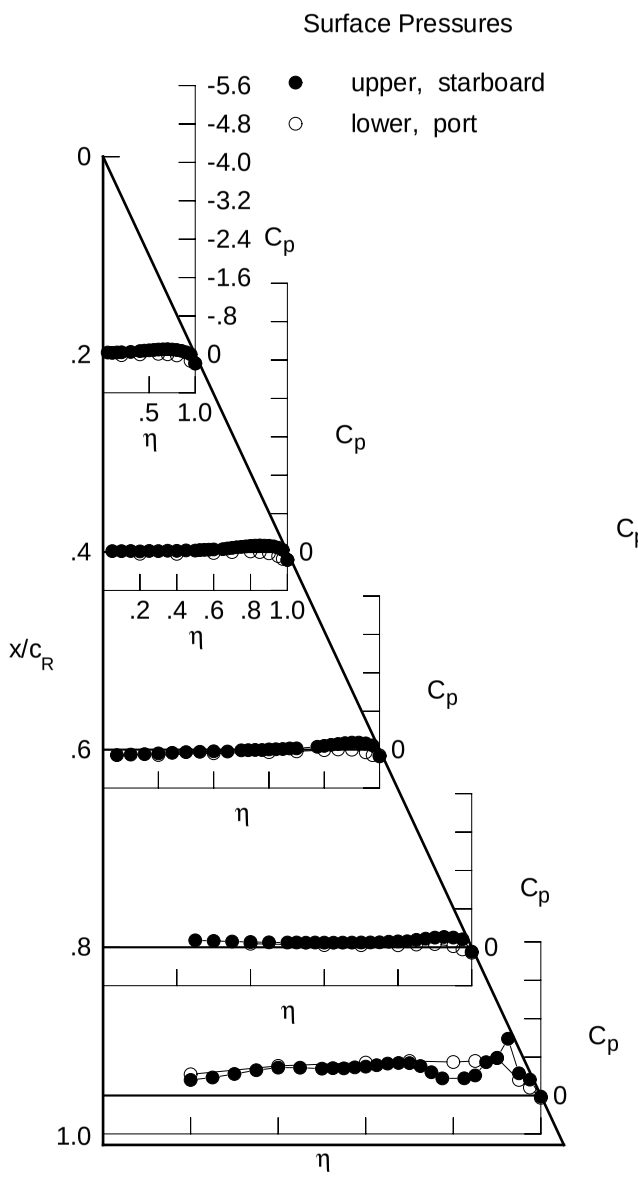
R_{mac} = 36.2×10^6



x/c_R	starb'd C_p	port C_p
0.10	0.2307	*******
0.20	0.2191	0.2074
0.30	0.2103	*******
0.40	0.2149	0.2014
0.50	0.1999	*******
0.60	0.2084	0.1749
0.70	0.1841	*******
0.80	0.1619	0.1671
0.90	0.0713	*******
0.95	0.0751	0.0858

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	-0.0383	-0.0194	0.1146	*******	*******
0.100	-0.0315	-0.0186	0.1034	*******	*******
0.150	-0.0404	-0.0211	0.0944	*******	*******
0.200	-0.0438	-0.0127	0.0788	*******	-0.3244
0.250	*******	-0.0224	0.0664	-0.1445	-0.3754
0.300	-0.0510	-0.0190	0.0521	-0.1323	-0.4489
0.350	*******	-0.0275	0.0445	-0.1202	-0.5276
0.400	-0.0685	-0.0250	0.0342	-0.1105	-0.5811
0.450	-0.0776	-0.0337	0.0393	-0.1029	-0.5794
0.500	-0.0844	-0.0305	0.0146	-0.0990	-0.5592
0.525	*******	-0.0405	0.0113	-0.0997	-0.5695
0.550	-0.0916	-0.0454	0.0068	-0.0952	-0.5658
0.575	*******	-0.0486	0.0080	-0.0993	-0.5862
0.600	-0.1010	-0.0537	-0.0045	-0.0968	-0.6015
0.625	*******	*******	-0.0077	-0.0951	-0.6312
0.650	-0.1051	-0.0590	-0.0125	-0.0966	-0.6645
0.675	*******	-0.0741	-0.0244	-0.0972	-0.6776
0.700	-0.1076	-0.0867	-0.0264	-0.1001	-0.6741
0.725	*******	-0.0990	*******	-0.1008	-0.6135
0.750	-0.1007	-0.1070	*******	-0.1040	-0.4845
0.775	*******	-0.1178	-0.0604	-0.1160	-0.3570
0.800	-0.0912	-0.1276	-0.0786	-0.1230	*******
0.825	*******	-0.1333	-0.0999	-0.1253	-0.3583
0.850	-0.0734	-0.1375	-0.1179	-0.1553	-0.4175
0.875	*******	-0.1325	-0.1352	-0.1794	-0.6947
0.900	-0.0444	-0.1302	-0.1465	-0.2018	-0.7852
0.925	*******	-0.1176	-0.1461	-0.2148	-1.1825
0.950	-0.0021	-0.0898	-0.1307	-0.2027	-0.4625
0.975	*******	-0.0432	-0.0887	-0.1662	-0.3310
1.000	0.1917	0.1647	0.1408	0.0910	0.0231
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0160	0.0358	0.1119	*******	-0.4416
-0.400	-0.0010	0.0376	0.0750	-0.0738	-0.6173
-0.600	-0.0116	0.0195	0.0522	-0.0453	-0.6856
-0.700	-0.0033	0.0009	0.0351	-0.0443	-0.7191
-0.800	0.0205	-0.0134	0.0107	-0.0421	-0.6975
-0.850	*******	0.0002	-0.0051	-0.0578	-0.7189
-0.900	*******	0.0260	0.0009	-0.0674	-0.7784
-0.950	0.1354	0.0842	0.0555	-0.0233	-0.3243
-0.975	*******	0.1436	0.1141	0.0438	-0.1648
-1.000	0.1843	0.1615	0.1180	0.1125	0.0479



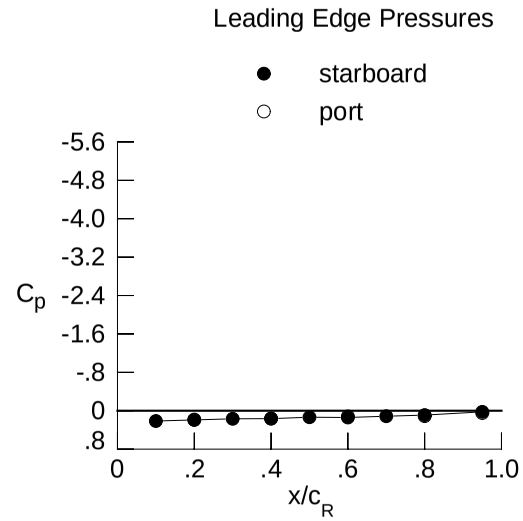
Medium Radius L.E.

Run No. = 12 , Point No. = 243

C_N = 0.079, C_m = -0.0254

α = 1.6 °, M_∞ = 0.850

$R_{mac} = 36.3 \times 10^6$

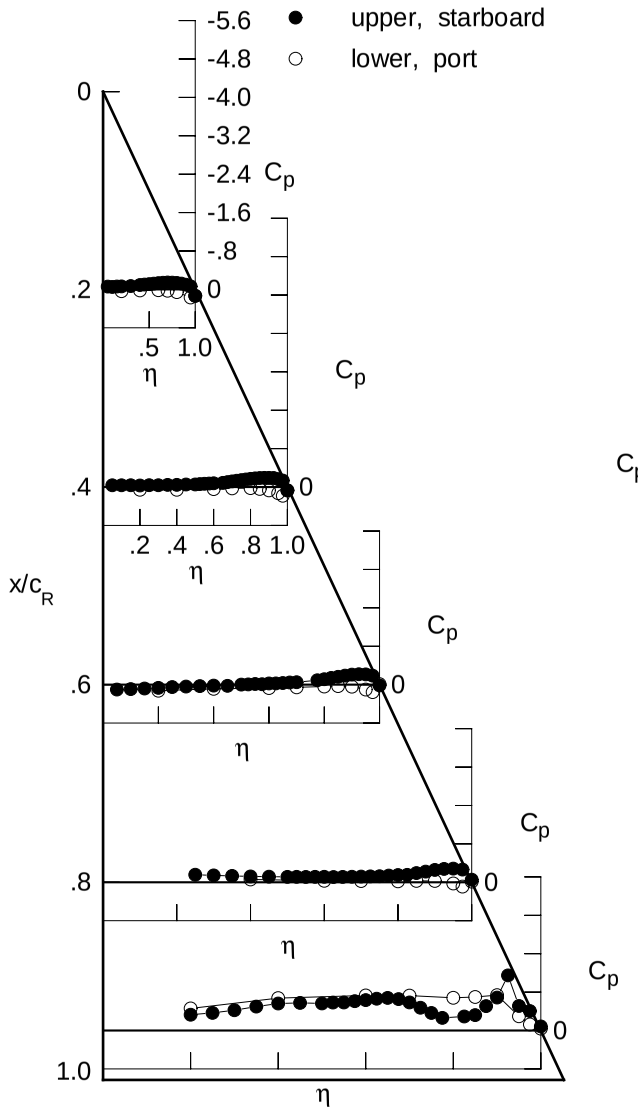


x/c_R	starb'd C_p	port C_p
0.10	0.2142	*******
0.20	0.1917	0.1843
0.30	0.1682	*******
0.40	0.1647	0.1615
0.50	0.1352	*******
0.60	0.1408	0.1180
0.70	0.1145	*******
0.80	0.0910	0.1125
0.90	0.0650	*******
0.95	0.0231	0.0479

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	-0.0584	-0.0364	0.1025	*******	*******
0.100	-0.0504	-0.0366	0.0932	*******	*******
0.150	-0.0602	-0.0373	0.0810	*******	*******
0.200	-0.0620	-0.0318	0.0668	*******	-0.3291
0.250	*******	-0.0387	0.0504	-0.1576	-0.3674
0.300	-0.0700	-0.0375	0.0404	-0.1430	-0.4227
0.350	*******	-0.0448	0.0302	-0.1329	-0.4983
0.400	-0.0915	-0.0454	0.0204	-0.1218	-0.5621
0.450	-0.1007	-0.0528	0.0246	-0.1168	-0.5752
0.500	-0.1098	-0.0533	-0.0006	-0.1127	-0.5644
0.525	*******	-0.0612	-0.0050	-0.1136	-0.5823
0.550	-0.1196	-0.0677	-0.0137	-0.1108	-0.5839
0.575	*******	-0.0729	-0.0086	-0.1136	-0.6109
0.600	-0.1305	-0.0787	-0.0250	-0.1144	-0.6340
0.625	*******	*******	-0.0259	-0.1098	-0.6627
0.650	-0.1383	-0.0875	-0.0335	-0.1123	-0.6795
0.675	*******	-0.1026	-0.0450	-0.1155	-0.6548
0.700	-0.1440	-0.1178	-0.0505	-0.1191	-0.5851
0.725	*******	-0.1313	*******	-0.1228	-0.4748
0.750	-0.1412	-0.1441	*******	-0.1266	-0.3653
0.775	*******	-0.1580	-0.0910	-0.1400	-0.2634
0.800	-0.1346	-0.1708	-0.1127	-0.1516	*******
0.825	*******	-0.1806	-0.1401	-0.1552	-0.2922
0.850	-0.1212	-0.1879	-0.1632	-0.1923	-0.3206
0.875	*******	-0.1915	-0.1876	-0.2228	-0.5079
0.900	-0.0976	-0.1913	-0.2084	-0.2576	-0.6864
0.925	*******	-0.1885	-0.2170	-0.2784	-1.1482
0.950	-0.0632	-0.1651	-0.2138	-0.2846	-0.5114
0.975	*******	-0.1355	-0.1870	-0.2648	-0.4059
1.000	0.1346	0.0668	0.0158	-0.0544	-0.0846
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0373	0.0568	0.1264	*******	-0.4596
-0.400	0.0214	0.0571	0.0873	-0.0591	-0.6749
-0.600	0.0171	0.0433	0.0711	-0.0313	-0.7303
-0.700	0.0279	0.0279	0.0559	-0.0258	-0.7272
-0.800	0.0569	0.0225	0.0392	-0.0200	-0.6816
-0.850	*******	0.0395	0.0306	-0.0287	-0.6980
-0.900	*******	0.0693	0.0425	-0.0279	-0.7369
-0.950	0.1687	0.1278	0.1024	0.0245	-0.2970
-0.975	*******	0.1819	0.1563	0.0893	-0.1266
-1.000	0.1338	0.0721	-0.0116	-0.0135	-0.0393

Surface Pressures



Medium Radius L.E.

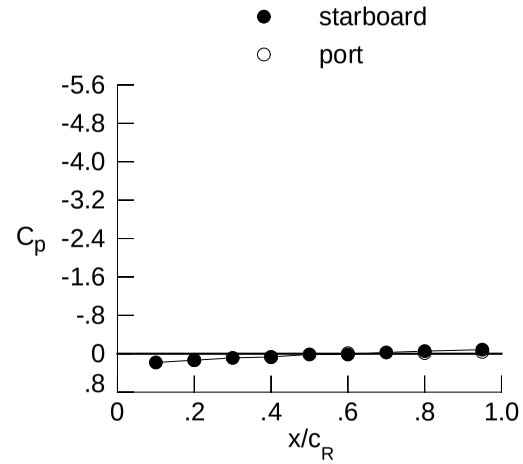
Run No. = 12 , Point No. = 244

C_N = 0.119, C_m = -0.0311

α = 2.7 °, M_∞ = 0.850

$R_{mac} = 36.4 \times 10^6$

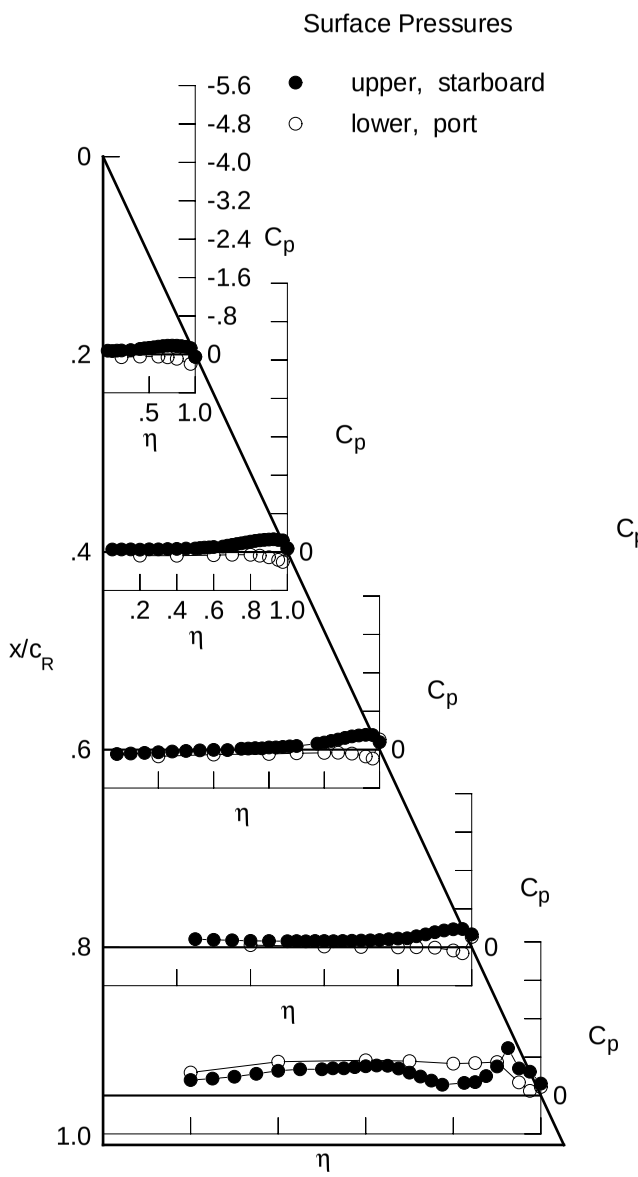
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1827	*******
0.20	0.1346	0.1338
0.30	0.0872	*******
0.40	0.0668	0.0721
0.50	0.0154	*******
0.60	0.0158	-0.0116
0.70	-0.0267	*******
0.80	-0.0544	-0.0135
0.90	0.0498	*******
0.95	-0.0846	-0.0393

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	-0.0765	-0.0525	0.0911	*******	*******
0.100	-0.0697	-0.0535	0.0806	*******	*******
0.150	-0.0786	-0.0551	0.0680	*******	*******
0.200	-0.0820	-0.0492	0.0543	*******	-0.3222
0.250	*******	-0.0567	0.0390	-0.1696	-0.3519
0.300	-0.0899	-0.0557	0.0271	-0.1549	-0.3914
0.350	*******	-0.0626	0.0150	-0.1457	-0.4518
0.400	-0.1135	-0.0656	0.0049	-0.1337	-0.5164
0.450	-0.1274	-0.0724	0.0086	-0.1306	-0.5461
0.500	-0.1357	-0.0737	-0.0185	-0.1262	-0.5466
0.525	*******	-0.0834	-0.0225	-0.1291	-0.5661
0.550	-0.1477	-0.0919	-0.0312	-0.1244	-0.5667
0.575	*******	-0.0967	-0.0276	-0.1309	-0.5912
0.600	-0.1616	-0.1044	-0.0453	-0.1304	-0.6097
0.625	*******	*******	-0.0462	-0.1269	-0.6251
0.650	-0.1725	-0.1136	-0.0565	-0.1310	-0.6203
0.675	*******	-0.1328	-0.0681	-0.1358	-0.5622
0.700	-0.1807	-0.1481	-0.0757	-0.1399	-0.4758
0.725	*******	-0.1655	*******	-0.1450	-0.3949
0.750	-0.1824	-0.1816	*******	-0.1507	-0.3104
0.775	*******	-0.1989	-0.1245	-0.1684	-0.2246
0.800	-0.1804	-0.2168	-0.1482	-0.1817	*******
0.825	*******	-0.2312	-0.1808	-0.1877	-0.2621
0.850	-0.1723	-0.2441	-0.2102	-0.2300	-0.2794
0.875	*******	-0.2537	-0.2447	-0.2686	-0.4050
0.900	-0.1578	-0.2599	-0.2756	-0.3145	-0.6056
0.925	*******	-0.2661	-0.2955	-0.3503	-0.9880
0.950	-0.1317	-0.2520	-0.3088	-0.3754	-0.5643
0.975	*******	-0.2432	-0.3042	-0.3805	-0.4963
1.000	0.0501	-0.0822	-0.1561	-0.2705	-0.2485
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0584	0.0746	0.1399	*******	-0.4783
-0.400	0.0450	0.0765	0.1026	-0.0449	-0.7038
-0.600	0.0458	0.0658	0.0893	-0.0168	-0.7339
-0.700	0.0599	0.0557	0.0756	-0.0070	-0.7163
-0.800	0.0910	0.0564	0.0669	0.0020	-0.6643
-0.850	*******	0.0762	0.0643	-0.0012	-0.6762
-0.900	*******	0.1087	0.0826	0.0079	-0.6967
-0.950	0.1975	0.1634	0.1415	0.0662	-0.2734
-0.975	*******	0.2065	0.1858	0.1239	-0.0971
-1.000	0.0504	-0.0649	-0.2124	-0.2142	-0.1777



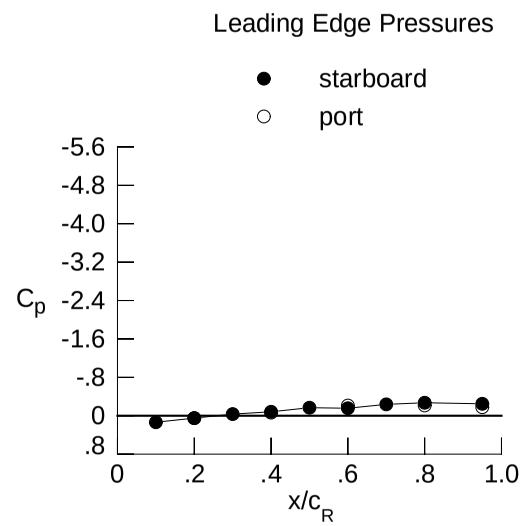
Medium Radius L.E.

Run No. = 12 , Point No. = 245

C_N = 0.162, C_m = -0.0383

α = 3.8 °, M_∞ = 0.850

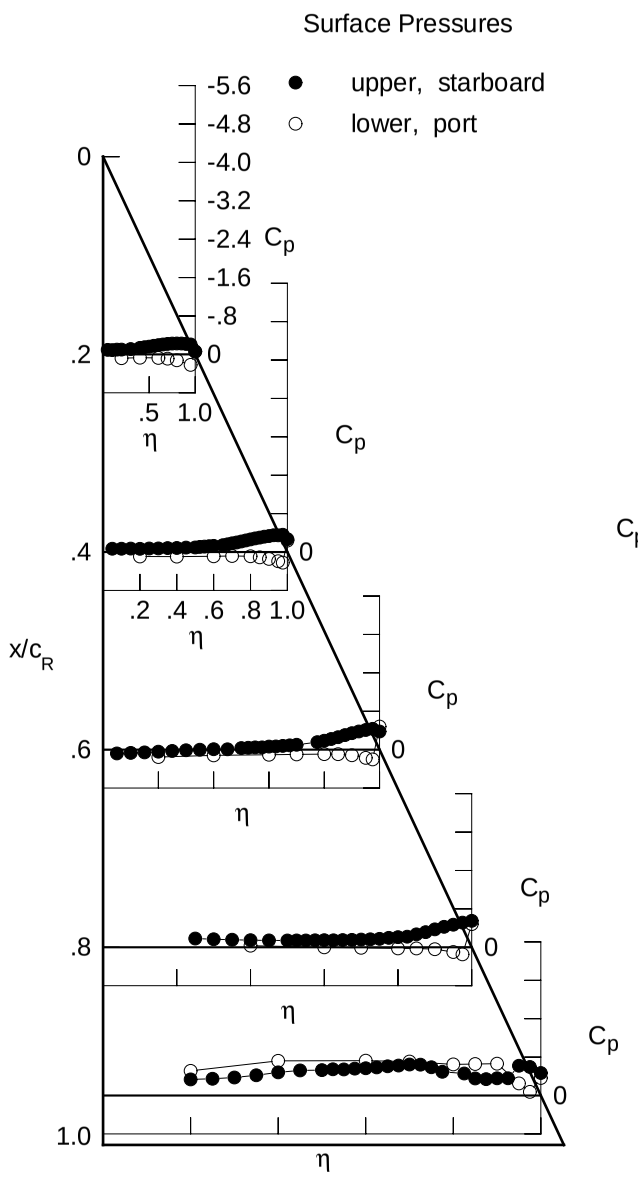
$R_{mac} = 36.5 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.1357	*******
0.20	0.0501	0.0504
0.30	-0.0344	*******
0.40	-0.0822	-0.0649
0.50	-0.1673	*******
0.60	-0.1561	-0.2124
0.70	-0.2370	*******
0.80	-0.2705	-0.2142
0.90	0.0244	*******
0.95	-0.2485	-0.1777

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	-0.0943	-0.0685	0.0794	*******	*******
0.100	-0.0885	-0.0687	0.0683	*******	*******
0.150	-0.0992	-0.0723	0.0579	*******	*******
0.200	-0.1003	-0.0669	0.0420	*******	-0.3353
0.250	*******	-0.0733	0.0276	-0.1826	-0.3490
0.300	-0.1109	-0.0748	0.0129	-0.1672	-0.3752
0.350	*******	-0.0822	0.0019	-0.1575	-0.4217
0.400	-0.1363	-0.0848	-0.0090	-0.1477	-0.4825
0.450	-0.1499	-0.0931	-0.0071	-0.1429	-0.5222
0.500	-0.1619	-0.0955	-0.0332	-0.1416	-0.5292
0.525	*******	-0.1076	-0.0391	-0.1427	-0.5465
0.550	-0.1792	-0.1137	-0.0475	-0.1414	-0.5432
0.575	*******	-0.1216	-0.0472	-0.1458	-0.5602
0.600	-0.1929	-0.1289	-0.0641	-0.1478	-0.5684
0.625	*******	*******	-0.0665	-0.1455	-0.5854
0.650	-0.2066	-0.1424	-0.0782	-0.1500	-0.6091
0.675	*******	-0.1611	-0.0896	-0.1544	-0.6237
0.700	-0.2184	-0.1813	-0.1015	-0.1608	-0.6455
0.725	*******	-0.1995	*******	-0.1666	-0.6424
0.750	-0.2253	-0.2199	*******	-0.1759	-0.5886
0.775	*******	-0.2414	-0.1557	-0.1966	-0.4941
0.800	-0.2273	-0.2631	-0.1853	-0.2114	*******
0.825	*******	-0.2842	-0.2218	-0.2205	-0.4585
0.850	-0.2261	-0.3011	-0.2594	-0.2692	-0.3549
0.875	*******	-0.3203	-0.3032	-0.3152	-0.3407
0.900	-0.2173	-0.3330	-0.3428	-0.3740	-0.3586
0.925	*******	-0.3495	-0.3786	-0.4266	-0.3594
0.950	-0.2072	-0.3480	-0.4095	-0.4701	-0.6203
0.975	*******	-0.3603	-0.4337	-0.5134	-0.5943
1.000	-0.0619	-0.2691	-0.3774	-0.5510	-0.4687
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0792	0.0929	0.1545	*******	-0.5140
-0.400	0.0685	0.0954	0.1189	-0.0334	-0.7221
-0.600	0.0735	0.0887	0.1065	0.0011	-0.7260
-0.700	0.0890	0.0822	0.0989	0.0102	-0.7072
-0.800	0.1227	0.0879	0.0934	0.0234	-0.6478
-0.850	*******	0.1103	0.0947	0.0237	-0.6557
-0.900	*******	0.1434	0.1168	0.0399	-0.6634
-0.950	0.2186	0.1911	0.1712	0.0983	-0.2523
-0.975	*******	0.2206	0.2035	0.1468	-0.0761
-1.000	-0.0574	-0.2383	-0.4811	-0.4822	-0.3650



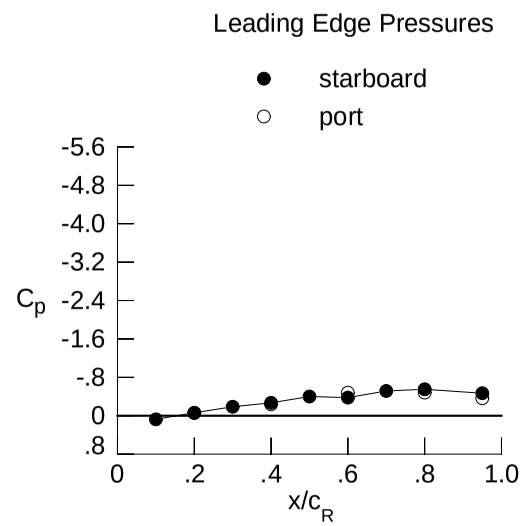
Medium Radius L.E.

Run No. = 12 , Point No. = 246

C_N = 0.206, C_m = -0.0467

α = 4.8 °, M_∞ = 0.850

$R_{mac} = 36.4 \times 10^6$

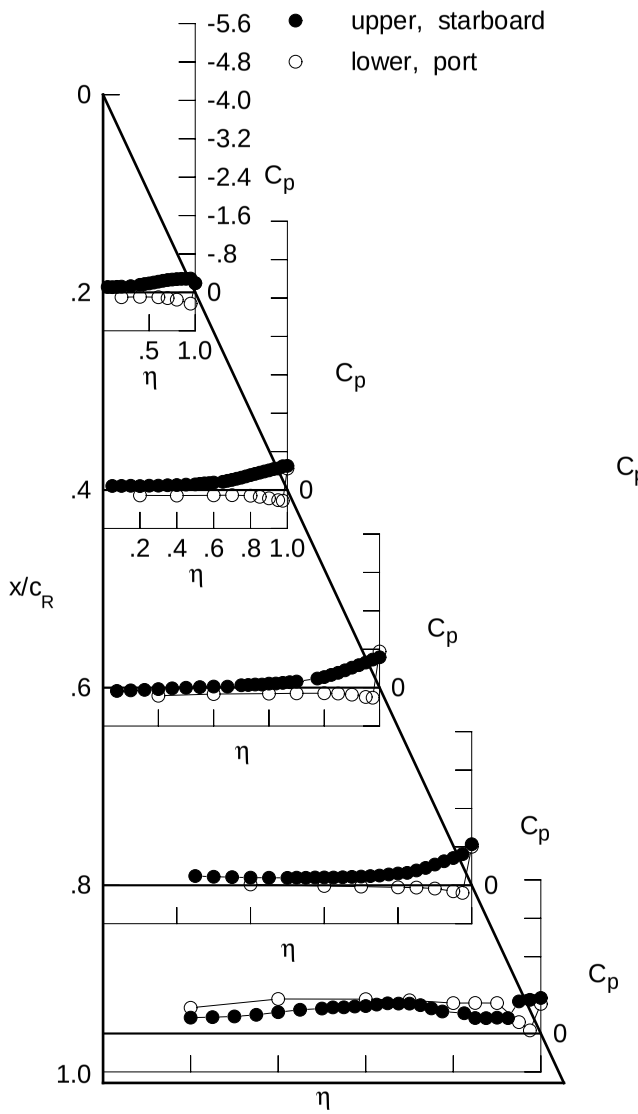


x/c_R	starb'd C_p	port C_p
0.10	0.0749	*******
0.20	-0.0619	-0.0574
0.30	-0.1870	*******
0.40	-0.2691	-0.2383
0.50	-0.4001	*******
0.60	-0.3774	-0.4811
0.70	-0.5161	*******
0.80	-0.5510	-0.4822
0.90	-0.0084	*******
0.95	-0.4687	-0.3650

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	-0.1126	-0.0850	0.0686	*******	*******
0.100	-0.1090	-0.0859	0.0572	*******	*******
0.150	-0.1152	-0.0888	0.0460	*******	*******
0.200	-0.1201	-0.0827	0.0308	*******	-0.3307
0.250	*******	-0.0902	0.0148	-0.1932	-0.3404
0.300	-0.1294	-0.0908	0.0021	-0.1779	-0.3549
0.350	*******	-0.1003	-0.0109	-0.1696	-0.3894
0.400	-0.1575	-0.1037	-0.0228	-0.1589	-0.4440
0.450	-0.1732	-0.1129	-0.0204	-0.1566	-0.4945
0.500	-0.1870	-0.1173	-0.0496	-0.1546	-0.5201
0.525	*******	-0.1290	-0.0555	-0.1580	-0.5436
0.550	-0.2049	-0.1389	-0.0648	-0.1563	-0.5453
0.575	*******	-0.1444	-0.0641	-0.1622	-0.5625
0.600	-0.2233	-0.1548	-0.0834	-0.1635	-0.5721
0.625	*******	*******	-0.0856	-0.1616	-0.6025
0.650	-0.2414	-0.1711	-0.0991	-0.1670	-0.6285
0.675	*******	-0.1922	-0.1138	-0.1750	-0.6234
0.700	-0.2578	-0.2122	-0.1271	-0.1817	-0.6222
0.725	*******	-0.2352	*******	-0.1908	-0.5902
0.750	-0.2676	-0.2577	*******	-0.2021	-0.5235
0.775	*******	-0.2840	-0.1897	-0.2256	-0.4587
0.800	-0.2770	-0.3112	-0.2202	-0.2456	*******
0.825	*******	-0.3368	-0.2645	-0.2586	-0.4228
0.850	-0.2823	-0.3615	-0.3089	-0.3090	-0.3221
0.875	*******	-0.3864	-0.3605	-0.3619	-0.3201
0.900	-0.2829	-0.4099	-0.4164	-0.4324	-0.3299
0.925	*******	-0.4368	-0.4681	-0.5011	-0.3212
0.950	-0.2882	-0.4480	-0.5226	-0.5680	-0.6692
0.975	*******	-0.4960	-0.5840	-0.6477	-0.7015
1.000	-0.1944	-0.5028	-0.6331	-0.8553	-0.7408
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1007	0.1121	0.1688	*******	-0.5357
-0.400	0.0926	0.1149	0.1334	-0.0172	-0.7191
-0.600	0.1006	0.1106	0.1248	0.0142	-0.7156
-0.700	0.1191	0.1069	0.1182	0.0268	-0.6924
-0.800	0.1509	0.1181	0.1167	0.0433	-0.6333
-0.850	*******	0.1405	0.1224	0.0480	-0.6361
-0.900	*******	0.1730	0.1453	0.0677	-0.6342
-0.950	0.2342	0.2111	0.1943	0.1246	-0.2371
-0.975	*******	0.2233	0.2097	0.1581	-0.0649
-1.000	-0.1906	-0.4477	-0.7519	-0.8016	-0.6169

Surface Pressures



Medium Radius L.E.

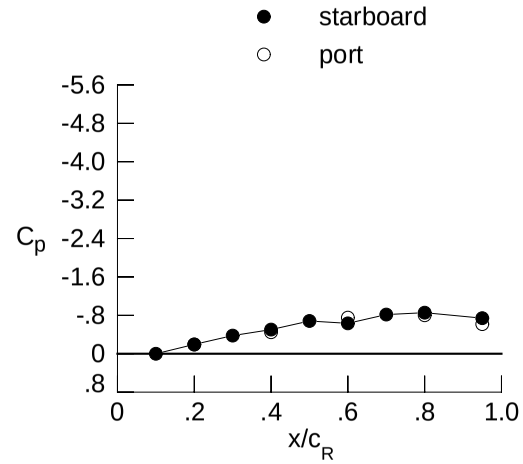
Run No. = 12 , Point No. = 247

C_N = 0.248, C_m = -0.0537

α = 5.9 °, M_∞ = 0.851

R_{mac} = 36.5×10^6

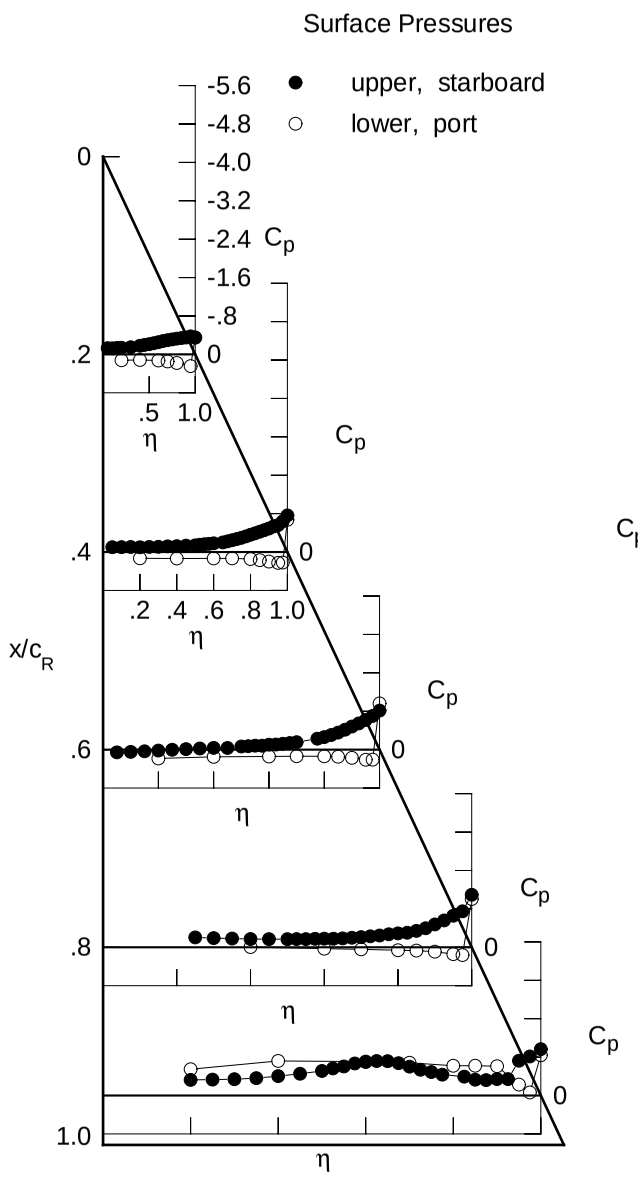
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.0007	*******
0.20	-0.1944	-0.1906
0.30	-0.3778	*******
0.40	-0.5028	-0.4477
0.50	-0.6821	*******
0.60	-0.6331	-0.7519
0.70	-0.8156	*******
0.80	-0.8553	-0.8016
0.90	-0.0560	*******
0.95	-0.7408	-0.6169

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	-0.1296	-0.1010	0.0571	*******	*******
0.100	-0.1268	-0.1024	0.0463	*******	*******
0.150	-0.1342	-0.1053	0.0346	*******	*******
0.200	-0.1384	-0.0994	0.0190	*******	-0.3256
0.250	*******	-0.1071	0.0026	-0.2057	-0.3311
0.300	-0.1492	-0.1093	-0.0105	-0.1910	-0.3399
0.350	*******	-0.1187	-0.0240	-0.1823	-0.3616
0.400	-0.1801	-0.1226	-0.0364	-0.1717	-0.4044
0.450	-0.1968	-0.1340	-0.0356	-0.1692	-0.4535
0.500	-0.2127	-0.1393	-0.0658	-0.1687	-0.5110
0.525	*******	-0.1521	-0.0724	-0.1710	-0.5636
0.550	-0.2328	-0.1621	-0.0823	-0.1702	-0.6044
0.575	*******	-0.1710	-0.0818	-0.1765	-0.6669
0.600	-0.2545	-0.1813	-0.1032	-0.1789	-0.6985
0.625	*******	*******	-0.1061	-0.1786	-0.7180
0.650	-0.2776	-0.2000	-0.1216	-0.1860	-0.7151
0.675	*******	-0.2223	-0.1379	-0.1981	-0.6735
0.700	-0.2964	-0.2457	-0.1556	-0.2121	-0.6014
0.725	*******	-0.2705	*******	-0.2291	-0.5371
0.750	-0.3126	-0.2962	*******	-0.2457	-0.4892
0.775	*******	-0.3265	-0.2282	-0.2710	-0.4343
0.800	-0.3277	-0.3601	-0.2609	-0.2894	*******
0.825	*******	-0.3905	-0.3048	-0.3034	-0.3929
0.850	-0.3408	-0.4232	-0.3549	-0.3412	-0.3292
0.875	*******	-0.4561	-0.4150	-0.3967	-0.3204
0.900	-0.3515	-0.4906	-0.4815	-0.4763	-0.3428
0.925	*******	-0.5326	-0.5466	-0.5590	-0.3415
0.950	-0.3762	-0.5610	-0.6187	-0.6574	-0.7248
0.975	*******	-0.6393	-0.7024	-0.7492	-0.8133
1.000	-0.3504	-0.7635	-0.8139	-1.0944	-0.9651
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1223	0.1307	0.1837	*******	-0.5475
-0.400	0.1162	0.1345	0.1499	-0.0045	-0.7199
-0.600	0.1272	0.1328	0.1425	0.0285	-0.7062
-0.700	0.1465	0.1316	0.1370	0.0426	-0.6821
-0.800	0.1793	0.1454	0.1386	0.0619	-0.6202
-0.850	*******	0.1687	0.1471	0.0692	-0.6206
-0.900	*******	0.1986	0.1701	0.0908	-0.6104
-0.950	0.2444	0.2259	0.2105	0.1428	-0.2273
-0.975	*******	0.2181	0.2082	0.1614	-0.0637
-1.000	-0.3513	-0.6713	-0.9634	-1.0054	-0.8395



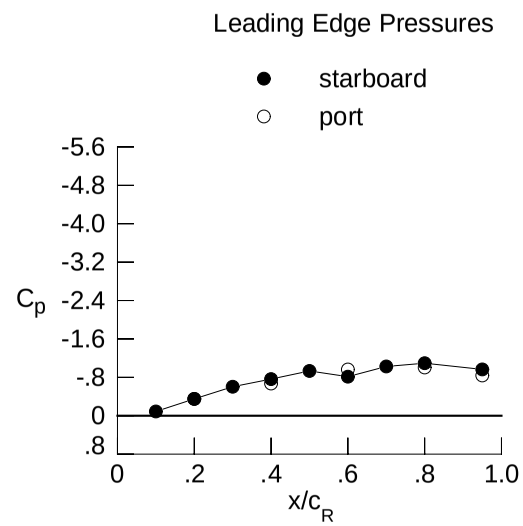
Medium Radius L.E.

Run No. = 12 , Point No. = 248

C_N = 0.292, C_m = -0.0621

α = 6.9 °, M_∞ = 0.850

$R_{mac} = 36.5 \times 10^6$

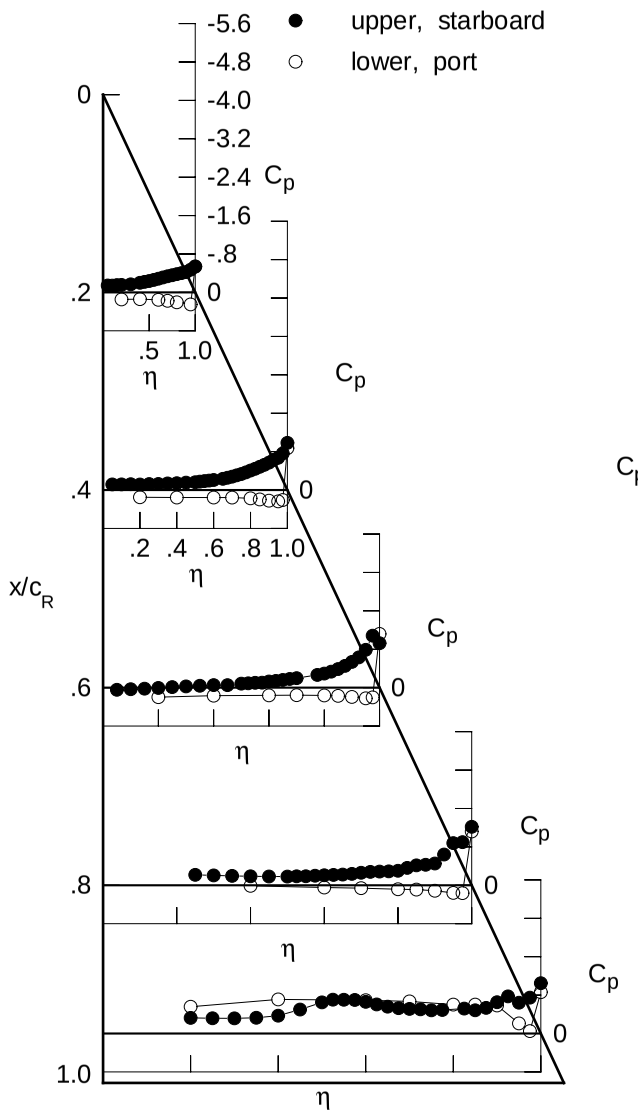


x/c_R	starb'd C_p	port C_p
0.10	-0.0890	*******
0.20	-0.3504	-0.3513
0.30	-0.6043	*******
0.40	-0.7635	-0.6713
0.50	-0.9328	*******
0.60	-0.8139	-0.9634
0.70	-1.0261	*******
0.80	-1.0944	-1.0054
0.90	-0.0977	*******
0.95	-0.9651	-0.8395

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	-0.1443	-0.1165	0.0444	*******	*******
0.100	-0.1419	-0.1178	0.0331	*******	*******
0.150	-0.1521	-0.1212	0.0218	*******	*******
0.200	-0.1557	-0.1150	0.0068	*******	-0.3256
0.250	*******	-0.1246	-0.0113	-0.2177	-0.3179
0.300	-0.1684	-0.1262	-0.0255	-0.2057	-0.3160
0.350	*******	-0.1372	-0.0390	-0.1960	-0.3281
0.400	-0.2001	-0.1424	-0.0524	-0.1869	-0.3710
0.450	-0.2190	-0.1547	-0.0523	-0.1836	-0.4991
0.500	-0.2370	-0.1621	-0.0829	-0.1813	-0.6485
0.525	*******	-0.1756	-0.0904	-0.1869	-0.7047
0.550	-0.2603	-0.1862	-0.1009	-0.1879	-0.7033
0.575	*******	-0.1968	-0.1030	-0.1990	-0.6991
0.600	-0.2849	-0.2093	-0.1279	-0.2091	-0.6600
0.625	*******	*******	-0.1401	-0.2157	-0.6060
0.650	-0.3114	-0.2333	-0.1599	-0.2232	-0.5589
0.675	*******	-0.2559	-0.1805	-0.2372	-0.5276
0.700	-0.3358	-0.2786	-0.1978	-0.2609	-0.5131
0.725	*******	-0.3060	*******	-0.2792	-0.5043
0.750	-0.3573	-0.3340	*******	-0.2856	-0.4829
0.775	*******	-0.3681	-0.2651	-0.2901	-0.4902
0.800	-0.3799	-0.4065	-0.2926	-0.3023	*******
0.825	*******	-0.4426	-0.3331	-0.3625	-0.5192
0.850	-0.4013	-0.4841	-0.3875	-0.4154	-0.4840
0.875	*******	-0.5251	-0.4533	-0.4275	-0.5344
0.900	-0.4234	-0.5711	-0.5362	-0.4536	-0.6520
0.925	*******	-0.6276	-0.6304	-0.6405	-0.7736
0.950	-0.4726	-0.6719	-0.7880	-0.8787	-0.6418
0.975	*******	-0.7625	-1.0823	-0.8981	-0.7472
1.000	-0.5358	-0.9833	-0.9254	-1.2188	-1.0477
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1461	0.1506	0.1980	*******	-0.5574
-0.400	0.1405	0.1558	0.1670	0.0110	-0.7104
-0.600	0.1547	0.1563	0.1608	0.0464	-0.6936
-0.700	0.1749	0.1568	0.1567	0.0600	-0.6690
-0.800	0.2066	0.1727	0.1624	0.0822	-0.6027
-0.850	*******	0.1958	0.1712	0.0895	-0.6023
-0.900	*******	0.2215	0.1933	0.1138	-0.5840
-0.950	0.2506	0.2359	0.2224	0.1583	-0.2102
-0.975	*******	0.2077	0.2021	0.1628	-0.0500
-1.000	-0.5417	-0.8720	-1.1191	-1.1205	-0.8607

Surface Pressures



Medium Radius L.E.

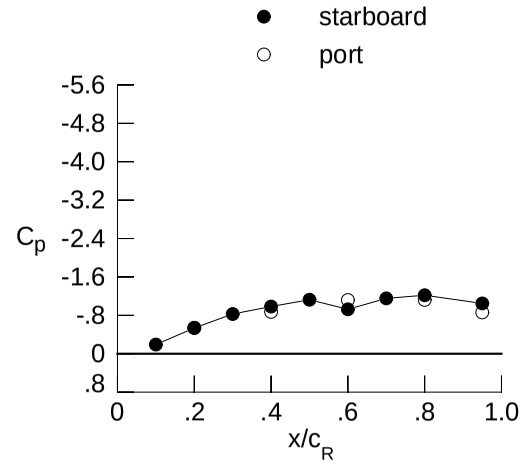
Run No. = 12 , Point No. = 249

C_N = 0.341, C_m = -0.0717

α = 7.9 °, M_∞ = 0.849

$R_{mac} = 36.5 \times 10^6$

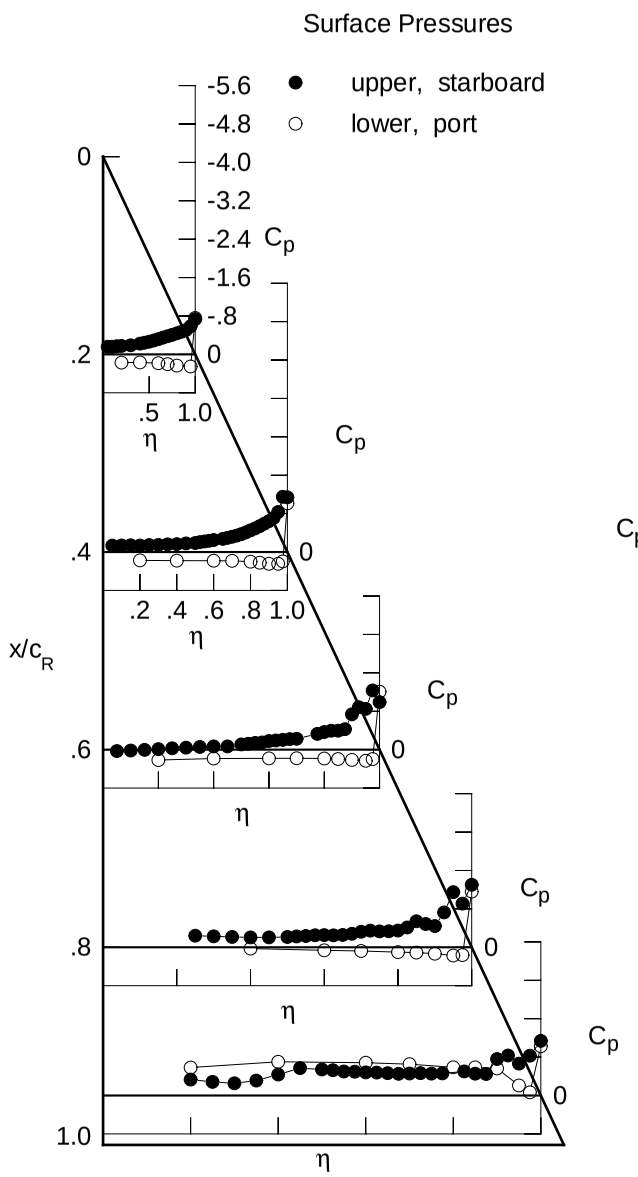
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.1912	*******
0.20	-0.5358	-0.5417
0.30	-0.8274	*******
0.40	-0.9833	-0.8720
0.50	-1.1250	*******
0.60	-0.9254	-1.1191
0.70	-1.1529	*******
0.80	-1.2188	-1.1205
0.90	-0.1238	*******
0.95	-1.0477	-0.8607

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	-0.1602	-0.1346	0.0297	*******	*******
0.100	-0.1592	-0.1368	0.0186	*******	*******
0.150	-0.1708	-0.1406	0.0047	*******	*******
0.200	-0.1760	-0.1357	-0.0102	*******	-0.3322
0.250	*******	-0.1452	-0.0284	-0.2414	-0.2836
0.300	-0.1893	-0.1484	-0.0413	-0.2278	-0.2540
0.350	*******	-0.1601	-0.0563	-0.2162	-0.3112
0.400	-0.2241	-0.1640	-0.0673	-0.2055	-0.4365
0.450	-0.2433	-0.1791	-0.0684	-0.2061	-0.5702
0.500	-0.2639	-0.1881	-0.1084	-0.2142	-0.5427
0.525	*******	-0.2067	-0.1217	-0.2262	-0.5273
0.550	-0.2897	-0.2199	-0.1404	-0.2351	-0.4999
0.575	*******	-0.2338	-0.1495	-0.2507	-0.4963
0.600	-0.3171	-0.2503	-0.1802	-0.2533	-0.4819
0.625	*******	*******	-0.1915	-0.2488	-0.4780
0.650	-0.3492	-0.2742	-0.2041	-0.2580	-0.4659
0.675	*******	-0.2953	-0.2195	-0.2817	-0.4517
0.700	-0.3786	-0.3182	-0.2261	-0.3234	-0.4580
0.725	*******	-0.3433	*******	-0.3466	-0.4655
0.750	-0.4081	-0.3738	*******	-0.3313	-0.4558
0.775	*******	-0.4091	-0.3281	-0.3337	-0.4598
0.800	-0.4383	-0.4522	-0.3665	-0.3491	*******
0.825	*******	-0.4929	-0.3942	-0.4129	-0.5012
0.850	-0.4700	-0.5400	-0.3948	-0.5416	-0.4541
0.875	*******	-0.5922	-0.4268	-0.4845	-0.4481
0.900	-0.5074	-0.6429	-0.7362	-0.4422	-0.7603
0.925	*******	-0.7098	-0.8841	-0.7252	-0.8335
0.950	-0.5862	-0.8342	-0.8498	-1.1491	-0.6639
0.975	*******	-1.1506	-1.2332	-0.9098	-0.8294
1.000	-0.7351	-1.1398	-0.9899	-1.3023	-1.1386
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1709	0.1739	0.2167	*******	-0.5827
-0.400	0.1673	0.1794	0.1852	0.0270	-0.7027
-0.600	0.1834	0.1810	0.1816	0.0632	-0.6829
-0.700	0.2032	0.1833	0.1794	0.0771	-0.6524
-0.800	0.2335	0.2012	0.1845	0.1012	-0.5882
-0.850	*******	0.2224	0.1950	0.1100	-0.5866
-0.900	*******	0.2440	0.2148	0.1338	-0.5644
-0.950	0.2524	0.2449	0.2318	0.1715	-0.2086
-0.975	*******	0.1954	0.1962	0.1617	-0.0662
-1.000	-0.7595	-1.0147	-1.2067	-1.1605	-1.0262



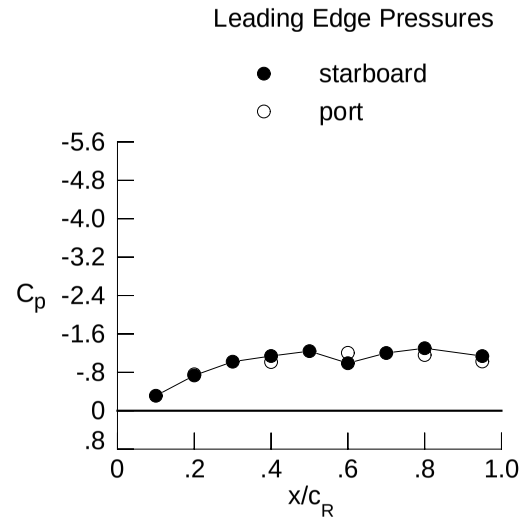
Medium Radius L.E.

Run No. = 12 , Point No. = 250

C_N = 0.396, C_m = -0.0828

α = 9.0 °, M_∞ = 0.850

$R_{mac} = 36.4 \times 10^6$

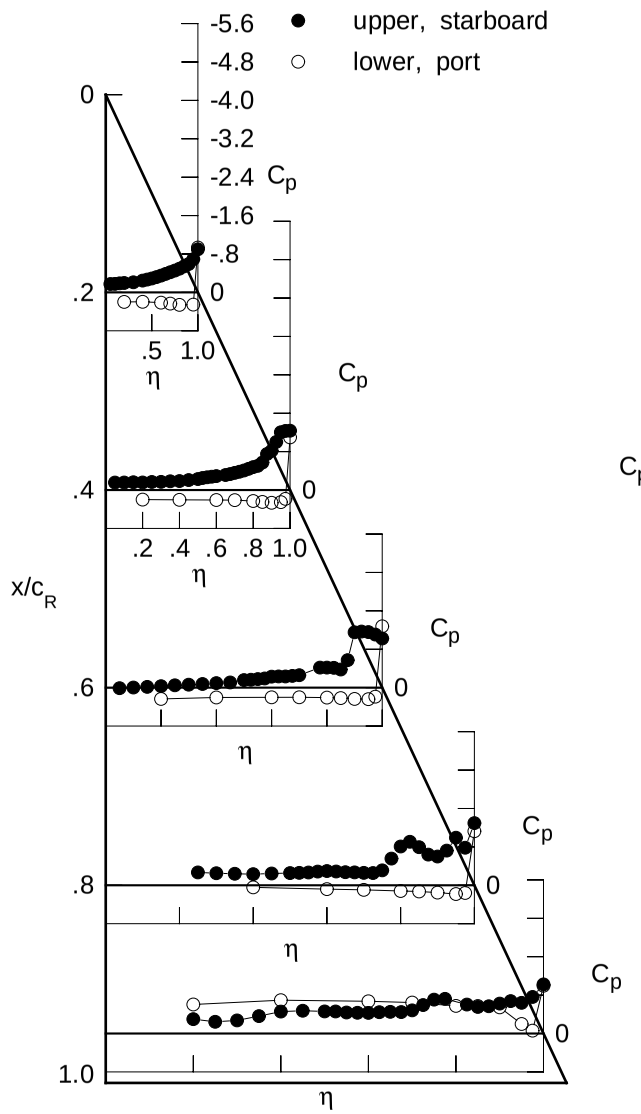


x/c_R	starb'd C_p	port C_p
0.10	-0.3124	*******
0.20	-0.7351	-0.7595
0.30	-1.0216	*******
0.40	-1.1398	-1.0147
0.50	-1.2416	*******
0.60	-0.9899	-1.2067
0.70	-1.2027	*******
0.80	-1.3023	-1.1605
0.90	-0.1309	*******
0.95	-1.1386	-1.0262

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	-0.1743	-0.1558	0.0112	*******	*******
0.100	-0.1766	-0.1570	-0.0028	*******	*******
0.150	-0.1887	-0.1622	-0.0158	*******	*******
0.200	-0.1958	-0.1576	-0.0305	*******	-0.2993
0.250	*******	-0.1683	-0.0492	-0.2683	-0.2440
0.300	-0.2102	-0.1706	-0.0612	-0.2508	-0.2729
0.350	*******	-0.1825	-0.0756	-0.2398	-0.3627
0.400	-0.2459	-0.1876	-0.0940	-0.2318	-0.4566
0.450	-0.2669	-0.2076	-0.1079	-0.2456	-0.4742
0.500	-0.2894	-0.2285	-0.1574	-0.2547	-0.4600
0.525	*******	-0.2501	-0.1650	-0.2594	-0.4596
0.550	-0.3187	-0.2654	-0.1784	-0.2661	-0.4379
0.575	*******	-0.2774	-0.1915	-0.2853	-0.4323
0.600	-0.3495	-0.2901	-0.2287	-0.2969	-0.4295
0.625	*******	*******	-0.2335	-0.2875	-0.4442
0.650	-0.3848	-0.3130	-0.2329	-0.2728	-0.4515
0.675	*******	-0.3332	-0.2445	-0.2685	-0.4468
0.700	-0.4199	-0.3573	-0.2588	-0.2590	-0.4827
0.725	*******	-0.3808	*******	-0.2554	-0.5924
0.750	-0.4548	-0.4068	*******	-0.3114	-0.7053
0.775	*******	-0.4413	-0.4178	-0.5559	-0.7222
0.800	-0.4934	-0.4774	-0.4179	-0.8081	*******
0.825	*******	-0.5040	-0.4126	-0.9063	-0.6032
0.850	-0.5418	-0.5728	-0.3777	-0.7932	-0.5533
0.875	*******	-0.7512	-0.5726	-0.6391	-0.5676
0.900	-0.5905	-0.8178	-1.1530	-0.5995	-0.6229
0.925	*******	-1.0015	-1.1689	-0.7224	-0.6753
0.950	-0.6929	-1.2036	-1.1575	-0.9913	-0.6394
0.975	*******	-1.2313	-1.1058	-0.7822	-0.7615
1.000	-0.8978	-1.2358	-1.0243	-1.2953	-1.0230
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1984	0.1990	0.2355	*******	-0.6046
-0.400	0.1958	0.2041	0.2049	0.0431	-0.6941
-0.600	0.2133	0.2077	0.2019	0.0801	-0.6714
-0.700	0.2332	0.2105	0.2008	0.0950	-0.6450
-0.800	0.2601	0.2289	0.2075	0.1189	-0.5756
-0.850	*******	0.2481	0.2177	0.1292	-0.5726
-0.900	*******	0.2656	0.2352	0.1524	-0.5445
-0.950	0.2542	0.2523	0.2401	0.1823	-0.1984
-0.975	*******	0.1839	0.1878	0.1603	-0.0602
-1.000	-0.9342	-1.0967	-1.2780	-1.1264	-0.9952

Surface Pressures



Medium Radius L.E.

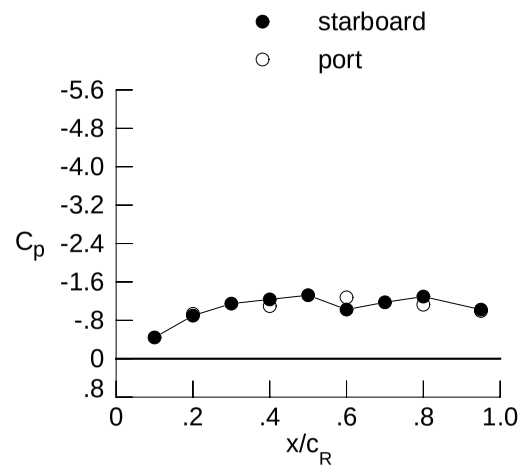
Run No. = 12 , Point No. = 251

C_N = 0.450, C_m = -0.0916

α = 10.0 °, M_∞ = 0.851

R_{mac} = 36.4×10^6

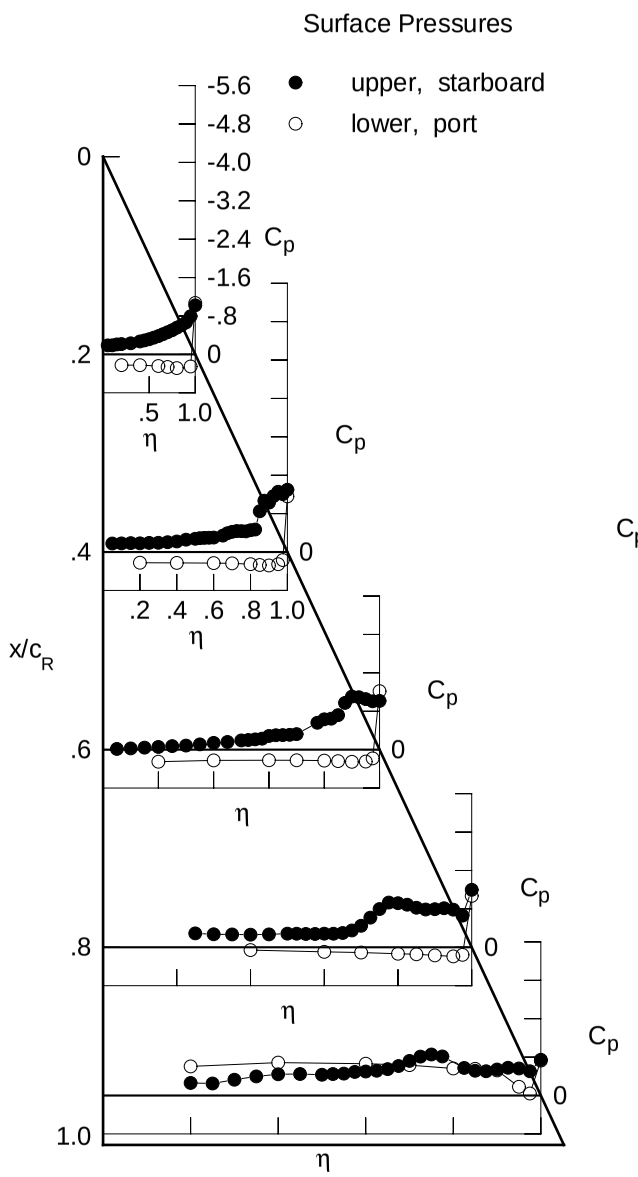
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.4430	*******
0.20	-0.8978	-0.9342
0.30	-1.1477	*******
0.40	-1.2358	-1.0967
0.50	-1.3232	*******
0.60	-1.0243	-1.2780
0.70	-1.1754	*******
0.80	-1.2953	-1.1264
0.90	-0.1295	*******
0.95	-1.0230	-0.9952

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	-0.1883	-0.1779	-0.0143	*******	*******
0.100	-0.1891	-0.1799	-0.0257	*******	*******
0.150	-0.2076	-0.1853	-0.0418	*******	*******
0.200	-0.2152	-0.1815	-0.0564	*******	-0.2619
0.250	*******	-0.1905	-0.0732	-0.2899	-0.2504
0.300	-0.2315	-0.1929	-0.0846	-0.2712	-0.3289
0.350	*******	-0.2051	-0.1099	-0.2673	-0.3977
0.400	-0.2695	-0.2198	-0.1408	-0.2625	-0.4428
0.450	-0.2908	-0.2579	-0.1600	-0.2691	-0.4482
0.500	-0.3159	-0.2761	-0.1917	-0.2842	-0.4325
0.525	*******	-0.2884	-0.2004	-0.2821	-0.4469
0.550	-0.3479	-0.2953	-0.2136	-0.2773	-0.4562
0.575	*******	-0.2975	-0.2291	-0.2776	-0.4913
0.600	-0.3812	-0.3017	-0.2846	-0.2829	-0.5001
0.625	*******	*******	-0.2997	-0.2826	-0.5162
0.650	-0.4211	-0.3428	-0.3036	-0.2978	-0.5497
0.675	*******	-0.3917	-0.3089	-0.3500	-0.6147
0.700	-0.4615	-0.4209	-0.3235	-0.4483	-0.7207
0.725	*******	-0.4377	*******	-0.6178	-0.8100
0.750	-0.5042	-0.4356	*******	-0.7965	-0.8546
0.775	*******	-0.4303	-0.5597	-0.9317	-0.8136
0.800	-0.5563	-0.4544	-0.6320	-0.9185	*******
0.825	*******	-0.4688	-0.6445	-0.8876	-0.5748
0.850	-0.6062	-0.8500	-0.7186	-0.8242	-0.5163
0.875	*******	-1.0694	-0.9736	-0.7870	-0.5053
0.900	-0.6653	-1.0286	-1.1052	-0.7932	-0.5414
0.925	*******	-1.1655	-1.0923	-0.8139	-0.5783
0.950	-0.7964	-1.2558	-1.0524	-0.7840	-0.5634
0.975	*******	-1.2066	-1.0070	-0.6594	-0.5053
1.000	-1.0219	-1.2979	-1.0149	-1.1973	-0.7446
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2241	0.2225	0.2514	*******	-0.6063
-0.400	0.2245	0.2263	0.2239	0.0585	-0.6856
-0.600	0.2428	0.2305	0.2209	0.0952	-0.6621
-0.700	0.2620	0.2359	0.2215	0.1096	-0.6325
-0.800	0.2853	0.2532	0.2284	0.1346	-0.5635
-0.850	*******	0.2699	0.2394	0.1455	-0.5563
-0.900	*******	0.2803	0.2532	0.1687	-0.5224
-0.950	0.2522	0.2539	0.2480	0.1898	-0.1818
-0.975	*******	0.1674	0.1816	0.1566	-0.0413
-1.000	-1.0709	-1.1599	-1.2182	-1.0706	-0.7270



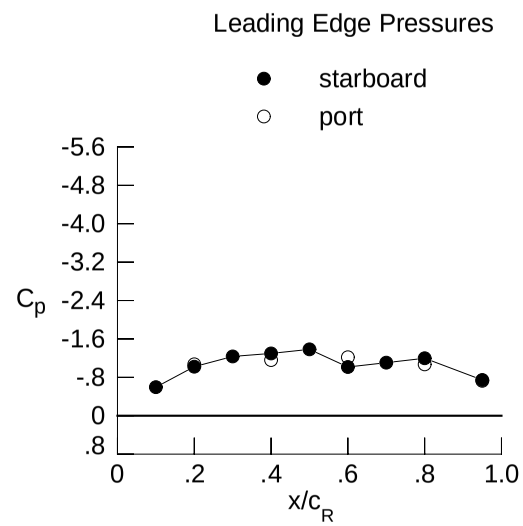
Medium Radius L.E.

Run No. = 12 , Point No. = 252

C_N = 0.513, C_m = -0.1038

α = 11.1 °, M_∞ = 0.849

R_{mac} = 36.1×10^6

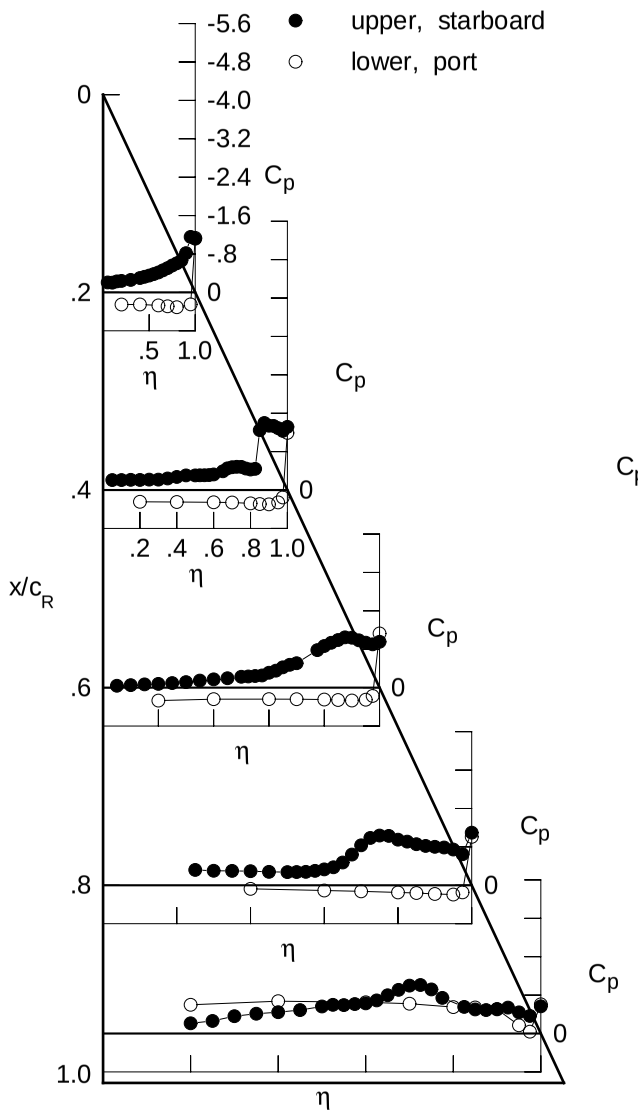


x/c_R	starb'd C_p	port C_p
0.10	-0.5949	*******
0.20	-1.0219	-1.0709
0.30	-1.2350	*******
0.40	-1.2979	-1.1599
0.50	-1.3829	*******
0.60	-1.0149	-1.2182
0.70	-1.1052	*******
0.80	-1.1973	-1.0706
0.90	-0.1316	*******
0.95	-0.7446	-0.7270

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	-0.2072	-0.2078	-0.0395	*******	*******
0.100	-0.2025	-0.2079	-0.0519	*******	*******
0.150	-0.2299	-0.2129	-0.0683	*******	*******
0.200	-0.2391	-0.2106	-0.0788	*******	-0.2124
0.250	*******	-0.2168	-0.0952	-0.3201	-0.2619
0.300	-0.2599	-0.2167	-0.1151	-0.3020	-0.3606
0.350	*******	-0.2406	-0.1470	-0.2999	-0.4118
0.400	-0.2994	-0.2731	-0.1731	-0.2936	-0.4441
0.450	-0.3244	-0.3049	-0.1960	-0.2802	-0.4883
0.500	-0.3502	-0.3049	-0.2264	-0.2741	-0.5630
0.525	*******	-0.3071	-0.2325	-0.2759	-0.5974
0.550	-0.3819	-0.3083	-0.2426	-0.2801	-0.5920
0.575	*******	-0.3116	-0.2533	-0.3012	-0.6138
0.600	-0.4152	-0.3249	-0.3101	-0.3311	-0.6277
0.625	*******	*******	-0.3534	-0.3755	-0.6898
0.650	-0.4596	-0.3900	-0.4231	-0.4742	-0.7966
0.675	*******	-0.4523	-0.4760	-0.6397	-0.9096
0.700	-0.5057	-0.4751	-0.5091	-0.8328	-0.9979
0.725	*******	-0.4837	*******	-0.9862	-1.0103
0.750	-0.5598	-0.4827	*******	-1.0357	-0.9186
0.775	*******	-0.4482	-0.7819	-1.0289	-0.7426
0.800	-0.6065	-0.4268	-0.8671	-0.9506	*******
0.825	*******	-0.4416	-0.9343	-0.9096	-0.5541
0.850	-0.6642	-1.2474	-0.9919	-0.8560	-0.5019
0.875	*******	-1.3970	-1.0481	-0.8203	-0.4887
0.900	-0.8178	-1.3398	-1.0401	-0.8016	-0.5102
0.925	*******	-1.3355	-0.9864	-0.7869	-0.5397
0.950	-1.1560	-1.2888	-0.9367	-0.7446	-0.4408
0.975	*******	-1.2318	-0.9020	-0.6474	-0.3660
1.000	-1.1183	-1.3163	-0.9552	-1.0960	-0.5660
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2526	0.2449	0.2695	*******	-0.5981
-0.400	0.2517	0.2497	0.2404	0.0740	-0.6734
-0.600	0.2709	0.2555	0.2395	0.1087	-0.6506
-0.700	0.2894	0.2604	0.2406	0.1261	-0.6211
-0.800	0.3087	0.2777	0.2477	0.1491	-0.5503
-0.850	*******	0.2918	0.2573	0.1607	-0.5427
-0.900	*******	0.2986	0.2680	0.1809	-0.5036
-0.950	0.2495	0.2577	0.2514	0.1928	-0.1712
-0.975	*******	0.1546	0.1730	0.1475	-0.0384
-1.000	-1.1362	-1.1901	-1.1288	-1.0088	-0.6079

Surface Pressures



Medium Radius L.E.

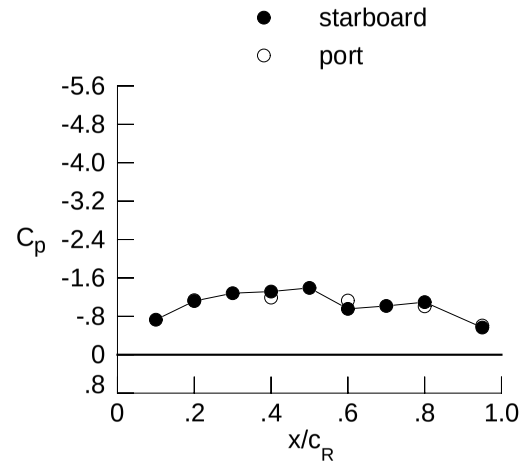
Run No. = 12 , Point No. = 253

C_N = 0.575, C_m = -0.1160

α = 12.1 °, M_∞ = 0.851

R_{mac} = 36.1×10^6

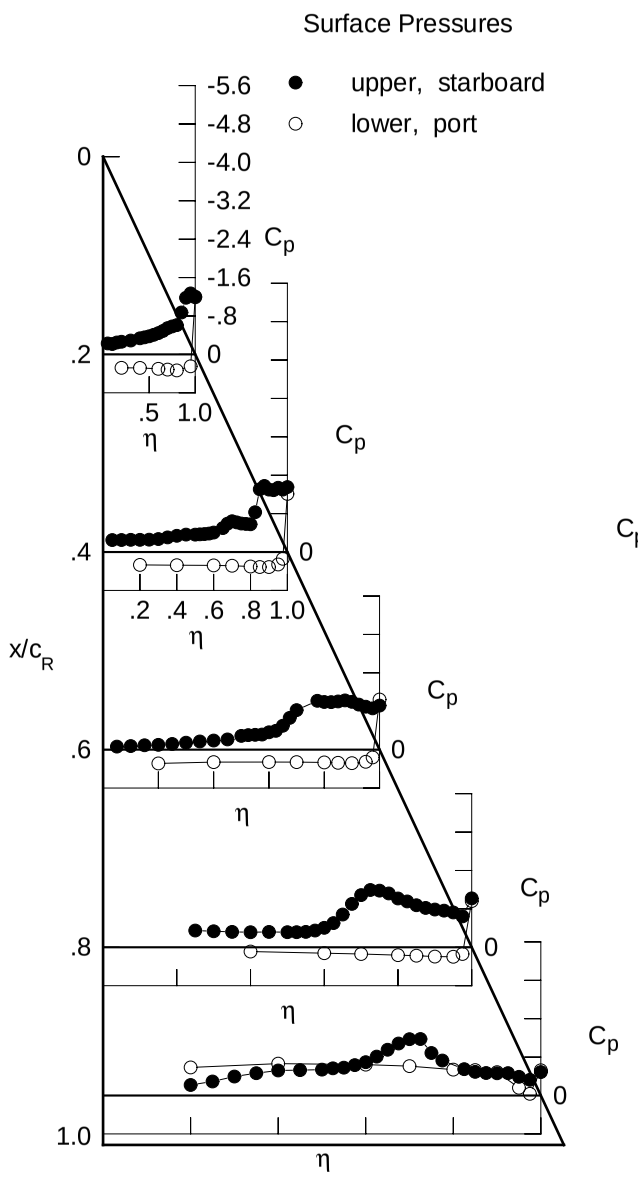
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7294	*******
0.20	-1.1183	-1.1362
0.30	-1.2818	*******
0.40	-1.3163	-1.1901
0.50	-1.3918	*******
0.60	-0.9552	-1.1288
0.70	-1.0160	*******
0.80	-1.0960	-1.0088
0.90	-0.1193	*******
0.95	-0.5660	-0.6079

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	-0.2278	-0.2494	-0.0636	*******	*******
0.100	-0.2159	-0.2507	-0.0740	*******	*******
0.150	-0.2480	-0.2542	-0.0908	*******	*******
0.200	-0.2629	-0.2542	-0.1003	*******	-0.2193
0.250	*******	-0.2578	-0.1182	-0.3489	-0.2923
0.300	-0.2890	-0.2705	-0.1449	-0.3339	-0.3955
0.350	*******	-0.3051	-0.1703	-0.3210	-0.4650
0.400	-0.3349	-0.3381	-0.1896	-0.3139	-0.5217
0.450	-0.3548	-0.3635	-0.2129	-0.3199	-0.5285
0.500	-0.3764	-0.3627	-0.2862	-0.3140	-0.5388
0.525	*******	-0.3690	-0.3027	-0.3148	-0.5665
0.550	-0.4082	-0.3744	-0.3091	-0.3206	-0.5799
0.575	*******	-0.3851	-0.3146	-0.3485	-0.6327
0.600	-0.4429	-0.4056	-0.3618	-0.4057	-0.6940
0.625	*******	*******	-0.3920	-0.5038	-0.8104
0.650	-0.4878	-0.4993	-0.4979	-0.6828	-0.9534
0.675	*******	-0.5914	-0.6615	-0.9038	-1.0829
0.700	-0.5471	-0.6418	-0.8233	-1.0874	-1.1737
0.725	*******	-0.6176	*******	-1.1936	-1.1766
0.750	-0.5826	-0.5936	*******	-1.1796	-0.8854
0.775	*******	-0.5853	-1.0178	-1.1218	-0.7285
0.800	-0.6099	-0.5786	-0.9926	-1.0167	*******
0.825	*******	-0.8298	-0.9897	-0.9551	-0.5490
0.850	-0.8732	-1.3074	-1.0037	-0.8758	-0.4928
0.875	*******	-1.3769	-1.0254	-0.8199	-0.4689
0.900	-1.1801	-1.3011	-0.9964	-0.7868	-0.4633
0.925	*******	-1.2887	-0.9381	-0.7629	-0.4667
0.950	-1.2706	-1.3392	-0.8941	-0.7257	-0.3897
0.975	*******	-1.3006	-0.8601	-0.6439	-0.3272
1.000	-1.2024	-1.3535	-0.9174	-1.0194	-0.4879
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2804	0.2681	0.2872	*******	-0.5845
-0.400	0.2815	0.2744	0.2596	0.0885	-0.6642
-0.600	0.3007	0.2783	0.2587	0.1231	-0.6434
-0.700	0.3169	0.2855	0.2598	0.1399	-0.6119
-0.800	0.3334	0.3015	0.2666	0.1640	-0.5396
-0.850	*******	0.3124	0.2747	0.1750	-0.5293
-0.900	*******	0.3127	0.2815	0.1937	-0.4864
-0.950	0.2477	0.2591	0.2532	0.1973	-0.1619
-0.975	*******	0.1407	0.1616	0.1394	-0.0351
-1.000	-1.1900	-1.2111	-1.0442	-0.9625	-0.5257



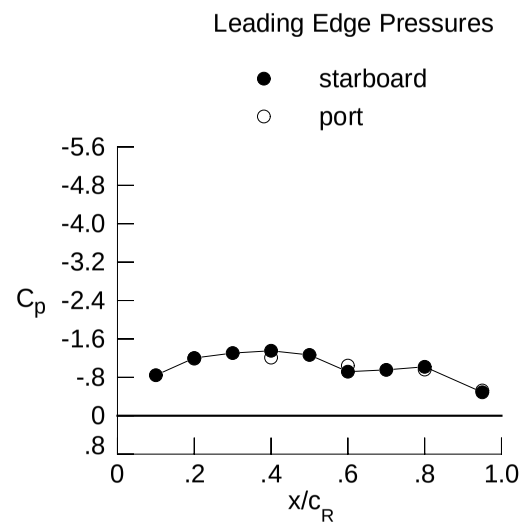
Medium Radius L.E.

Run No. = 12 , Point No. = 254

C_N = 0.633, C_m = -0.1239

α = 13.1 °, M_∞ = 0.848

R_{mac} = 36.0×10^6

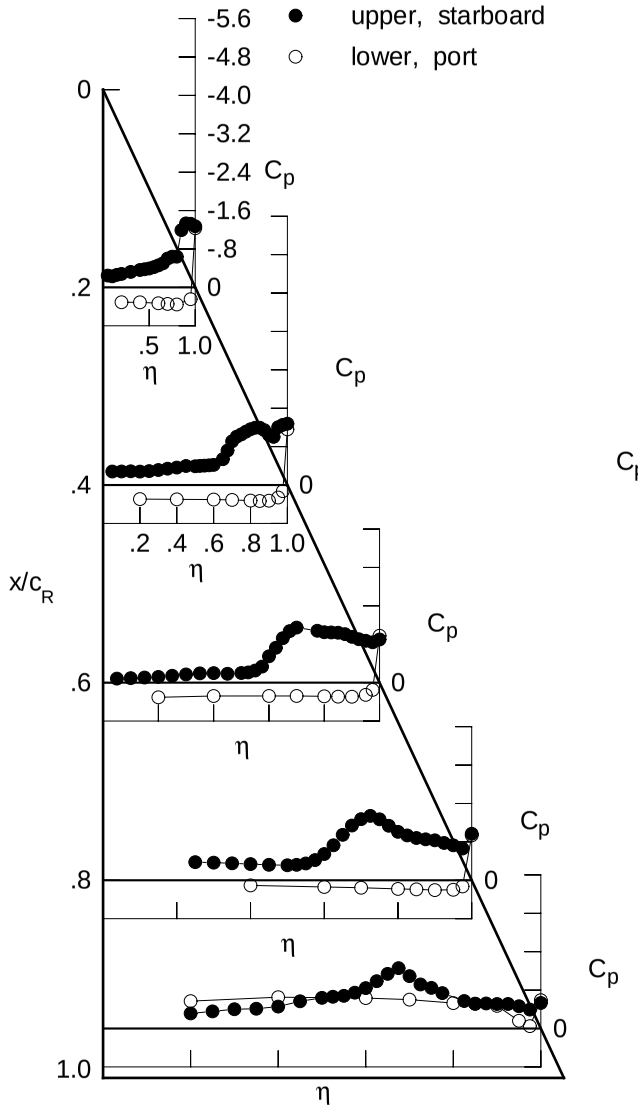


x/c_R	starb'd C_p	port C_p
0.10	-0.8441	*******
0.20	-1.2024	-1.1900
0.30	-1.3053	*******
0.40	-1.3535	-1.2111
0.50	-1.2664	*******
0.60	-0.9174	-1.0442
0.70	-0.9554	*******
0.80	-1.0194	-0.9625
0.90	-0.1019	*******
0.95	-0.4879	-0.5257

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	-0.2464	-0.2816	-0.0840	*******	*******
0.100	-0.2303	-0.2826	-0.0935	*******	*******
0.150	-0.2617	-0.2860	-0.1065	*******	*******
0.200	-0.2806	-0.2801	-0.1190	*******	-0.3141
0.250	*******	-0.2901	-0.1430	-0.3777	-0.3571
0.300	-0.3222	-0.3128	-0.1700	-0.3675	-0.4013
0.350	*******	-0.3411	-0.1933	-0.3540	-0.4123
0.400	-0.3628	-0.3641	-0.1984	-0.3372	-0.4567
0.450	-0.3773	-0.3968	-0.1845	-0.3224	-0.5670
0.500	-0.3936	-0.3911	-0.2011	-0.3128	-0.6390
0.525	*******	-0.3982	-0.2131	-0.3221	-0.6614
0.550	-0.4215	-0.4042	-0.2523	-0.3506	-0.6805
0.575	*******	-0.4100	-0.3344	-0.4205	-0.7467
0.600	-0.4583	-0.4203	-0.5485	-0.5469	-0.8414
0.625	*******	*******	-0.7260	-0.7298	-0.9854
0.650	-0.5008	-0.5382	-0.9259	-0.9475	-1.1383
0.675	*******	-0.7181	-1.0737	-1.1409	-1.2576
0.700	-0.6012	-0.9106	-1.1473	-1.2739	-1.0909
0.725	*******	-1.0078	*******	-1.3413	-0.9173
0.750	-0.6404	-1.0551	*******	-1.2704	-0.8464
0.775	*******	-1.1119	-1.0808	-1.1364	-0.7377
0.800	-0.6400	-1.1621	-1.0502	-1.0098	*******
0.825	*******	-1.1937	-1.0460	-0.9340	-0.5731
0.850	-1.1930	-1.1946	-1.0404	-0.8807	-0.5145
0.875	*******	-1.1428	-1.0101	-0.8532	-0.5215
0.900	-1.3338	-1.0452	-0.9546	-0.8332	-0.5106
0.925	*******	-1.0032	-0.9052	-0.7777	-0.5110
0.950	-1.3254	-1.2055	-0.8723	-0.7285	-0.4637
0.975	*******	-1.2539	-0.8409	-0.6619	-0.3947
1.000	-1.2737	-1.2775	-0.8989	-0.9686	-0.5317
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3100	0.2927	0.3057	*******	-0.5706
-0.400	0.3109	0.2986	0.2781	0.1066	-0.6524
-0.600	0.3301	0.3024	0.2777	0.1393	-0.6344
-0.700	0.3448	0.3102	0.2778	0.1554	-0.6018
-0.800	0.3560	0.3243	0.2849	0.1797	-0.5296
-0.850	*******	0.3326	0.2923	0.1887	-0.5175
-0.900	*******	0.3263	0.2939	0.2045	-0.4723
-0.950	0.2454	0.2600	0.2545	0.1974	-0.1606
-0.975	*******	0.1276	0.1500	0.1280	-0.0496
-1.000	-1.2318	-1.1599	-0.9769	-0.9351	-0.5900

Surface Pressures



Medium Radius L.E.

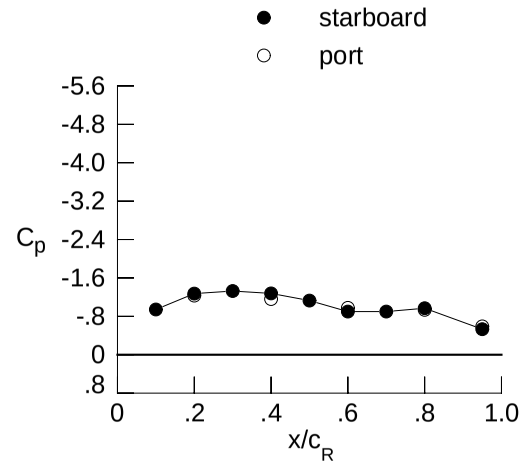
Run No. = 12 , Point No. = 255

C_N = 0.697, C_m = -0.1353

α = 14.2 °, M_∞ = 0.849

R_{mac} = 35.8×10^6

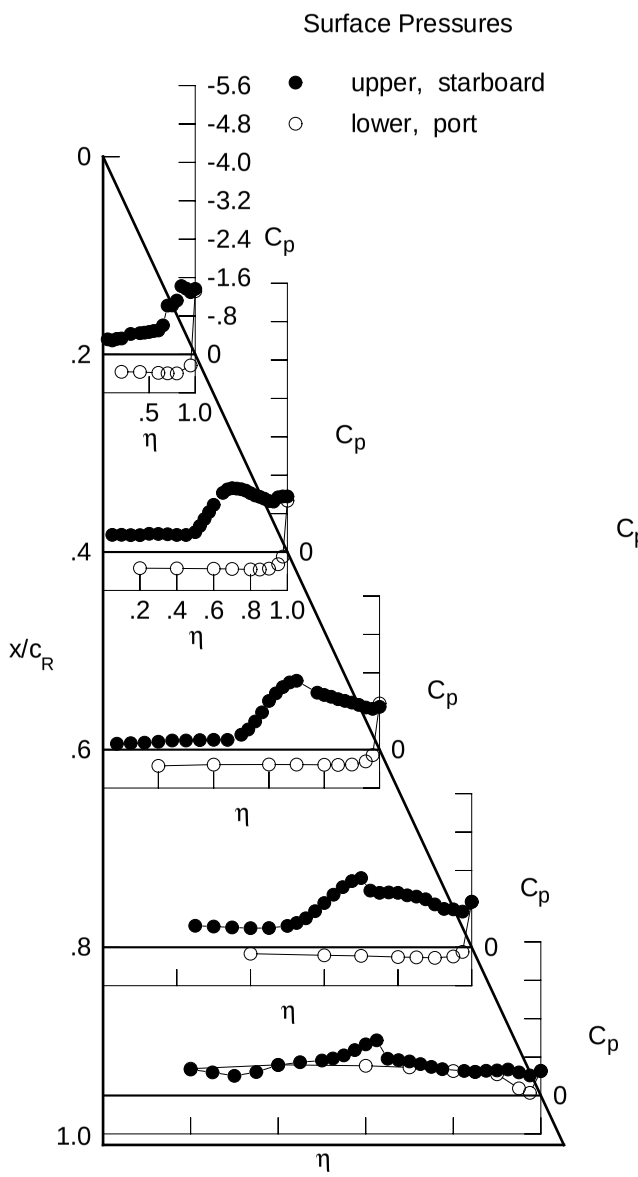
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9424	*******
0.20	-1.2737	-1.2318
0.30	-1.3269	*******
0.40	-1.2775	-1.1599
0.50	-1.1283	*******
0.60	-0.8989	-0.9769
0.70	-0.8990	*******
0.80	-0.9686	-0.9351
0.90	-0.0975	*******
0.95	-0.5317	-0.5900

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	-0.3139	-0.3576	-0.1235	*******	*******
0.100	-0.2904	-0.3592	-0.1345	*******	*******
0.150	-0.3232	-0.3523	-0.1451	*******	*******
0.200	-0.3310	-0.3521	-0.1646	*******	-0.5417
0.250	*******	-0.3801	-0.1906	-0.4480	-0.4819
0.300	-0.4257	-0.3769	-0.1905	-0.4324	-0.4096
0.350	*******	-0.3704	-0.1983	-0.4137	-0.4884
0.400	-0.4415	-0.3562	-0.2051	-0.3981	-0.6334
0.450	-0.4529	-0.3554	-0.2029	-0.4012	-0.6937
0.500	-0.4673	-0.4143	-0.3102	-0.4445	-0.7285
0.525	*******	-0.5426	-0.4199	-0.5066	-0.7711
0.550	-0.4868	-0.6862	-0.5867	-0.6037	-0.8358
0.575	*******	-0.8323	-0.7766	-0.7520	-0.9466
0.600	-0.4987	-0.9832	-1.0145	-0.9214	-1.0653
0.625	*******	*******	-1.1722	-1.0956	-1.1495
0.650	-0.6049	-1.2327	-1.3020	-1.2531	-0.7666
0.675	*******	-1.3045	-1.3999	-1.3795	-0.7364
0.700	-1.0169	-1.3307	-1.4351	-1.4426	-0.7093
0.725	*******	-1.3214	*******	-1.1806	-0.6546
0.750	-1.0195	-1.3078	*******	-1.1346	-0.5962
0.775	*******	-1.2785	-1.1862	-1.1422	-0.5490
0.800	-1.1218	-1.2254	-1.1388	-1.1346	*******
0.825	*******	-1.1789	-1.1017	-1.0822	-0.5119
0.850	-1.4232	-1.1494	-1.0515	-1.0564	-0.4896
0.875	*******	-1.1114	-1.0149	-1.0003	-0.5152
0.900	-1.3723	-1.0632	-0.9797	-0.8931	-0.5225
0.925	*******	-1.0515	-0.9324	-0.7989	-0.5418
0.950	-1.2967	-1.1397	-0.8774	-0.7903	-0.4818
0.975	*******	-1.1584	-0.8493	-0.7432	-0.4176
1.000	-1.3640	-1.1580	-0.8913	-0.9500	-0.5153
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3635	0.3364	0.3384	*******	-0.5584
-0.400	0.3661	0.3413	0.3121	0.1337	-0.6392
-0.600	0.3845	0.3478	0.3097	0.1670	-0.6195
-0.700	0.3946	0.3532	0.3113	0.1796	-0.5862
-0.800	0.3957	0.3631	0.3153	0.2028	-0.5100
-0.850	*******	0.3647	0.3184	0.2107	-0.4934
-0.900	*******	0.3462	0.3101	0.2201	-0.4426
-0.950	0.2308	0.2544	0.2449	0.1921	-0.1480
-0.975	*******	0.0953	0.1142	0.0956	-0.0556
-1.000	-1.3160	-1.0697	-0.9605	-0.9437	-0.5061



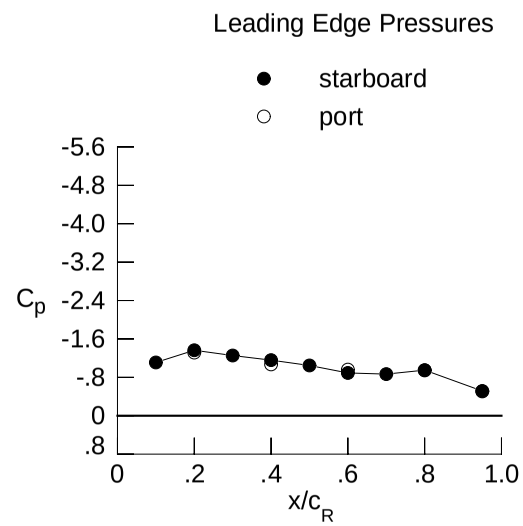
Medium Radius L.E.

Run No. = 12 , Point No. = 256

C_N = 0.806, C_m = -0.1472

α = 16.3 °, M_∞ = 0.849

R_{mac} = 35.7×10^6

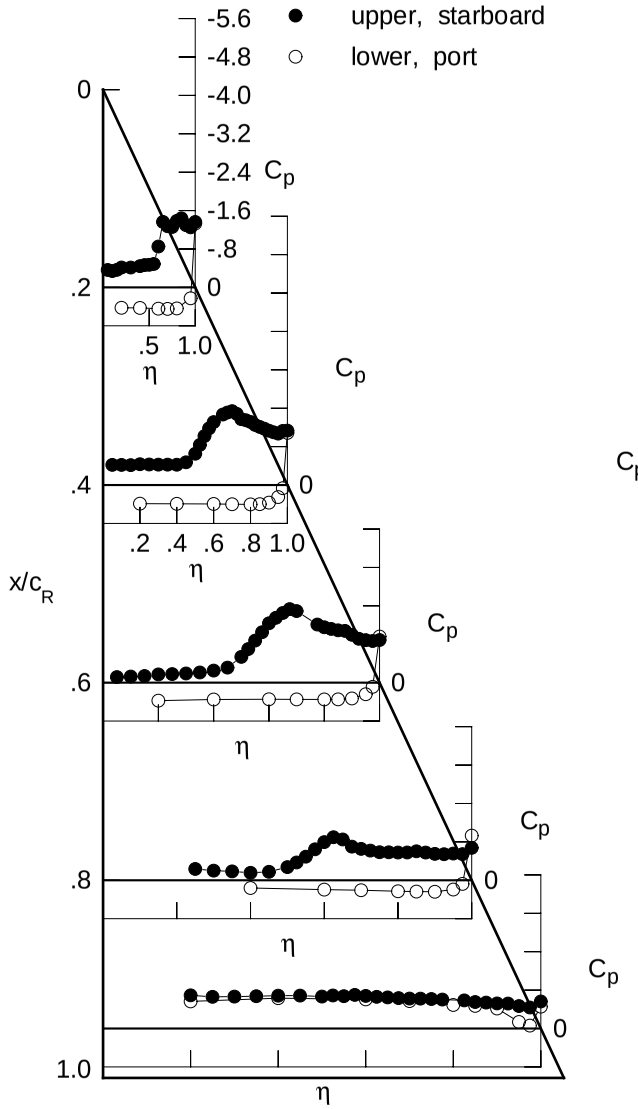


x/c_R	starb'd Cp	port Cp
0.10	-1.1097	*******
0.20	-1.3640	-1.3160
0.30	-1.2543	*******
0.40	-1.1580	-1.0697
0.50	-1.0469	*******
0.60	-0.8913	-0.9605
0.70	-0.8672	*******
0.80	-0.9500	-0.9437
0.90	-0.0619	*******
0.95	-0.5153	-0.5061

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	-0.3630	-0.4203	-0.1158	*******	*******
0.100	-0.3399	-0.4192	-0.1271	*******	*******
0.150	-0.3659	-0.4147	-0.1387	*******	*******
0.200	-0.4145	-0.4332	-0.1711	*******	-0.6911
0.250	*******	-0.4277	-0.1787	-0.2361	-0.6597
0.300	-0.4133	-0.4252	-0.1915	-0.2009	-0.6646
0.350	*******	-0.4248	-0.2123	-0.1856	-0.6730
0.400	-0.4422	-0.4229	-0.2511	-0.1556	-0.6844
0.450	-0.4650	-0.4735	-0.3129	-0.1769	-0.6855
0.500	-0.4707	-0.6517	-0.5369	-0.2744	-0.6656
0.525	*******	-0.8358	-0.6993	-0.3715	-0.6876
0.550	-0.4877	-1.0189	-0.8763	-0.4919	-0.6739
0.575	*******	-1.1800	-1.0507	-0.6460	-0.7000
0.600	-0.8514	-1.3109	-1.2368	-0.7952	-0.6791
0.625	*******	*******	-1.3506	-0.8968	-0.6603
0.650	-1.3637	-1.4684	-1.4515	-0.8500	-0.6482
0.675	*******	-1.5104	-1.5324	-0.7008	-0.6334
0.700	-1.2744	-1.5395	-1.4909	-0.6546	-0.6238
0.725	*******	-1.4840	*******	-0.6188	-0.6226
0.750	-1.2581	-1.3721	*******	-0.5845	-0.6145
0.775	*******	-1.3494	-1.2108	-0.5835	-0.6034
0.800	-1.3856	-1.3144	-1.1538	-0.5784	*******
0.825	*******	-1.2522	-1.1196	-0.5796	-0.5857
0.850	-1.4388	-1.2105	-1.0902	-0.6038	-0.5522
0.875	*******	-1.1738	-1.0785	-0.5779	-0.5403
0.900	-1.2965	-1.1319	-0.9972	-0.5503	-0.5225
0.925	*******	-1.0993	-0.9138	-0.5435	-0.5199
0.950	-1.2509	-1.0712	-0.8854	-0.5569	-0.4677
0.975	*******	-1.1271	-0.8669	-0.5450	-0.4376
1.000	-1.3634	-1.1339	-0.8884	-0.6759	-0.5634
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4248	0.3879	0.3754	*******	-0.5648
-0.400	0.4277	0.3911	0.3511	0.1605	-0.6320
-0.600	0.4429	0.3945	0.3462	0.1947	-0.6061
-0.700	0.4480	0.3997	0.3489	0.2072	-0.5712
-0.800	0.4385	0.4029	0.3498	0.2286	-0.4900
-0.850	*******	0.3984	0.3482	0.2353	-0.4709
-0.900	*******	0.3667	0.3300	0.2391	-0.4169
-0.950	0.2270	0.2507	0.2412	0.1926	-0.1364
-0.975	*******	0.0658	0.0868	0.0752	-0.0612
-1.000	-1.3302	-1.0862	-0.9603	-0.9305	-0.4555

Surface Pressures



Medium Radius L.E.

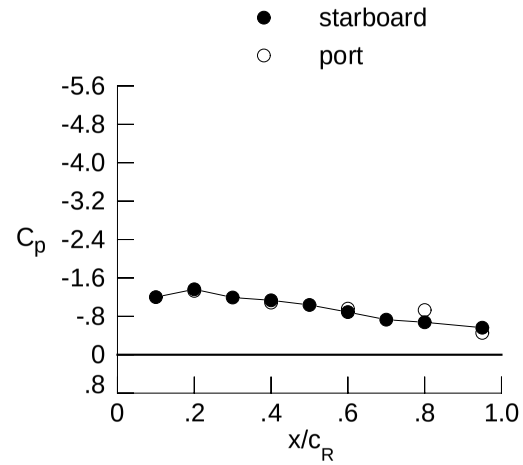
Run No. = 12 , Point No. = 257

C_N = 0.850, C_m = -0.1345

α = 18.3 °, M_∞ = 0.849

R_{mac} = 35.9×10^6

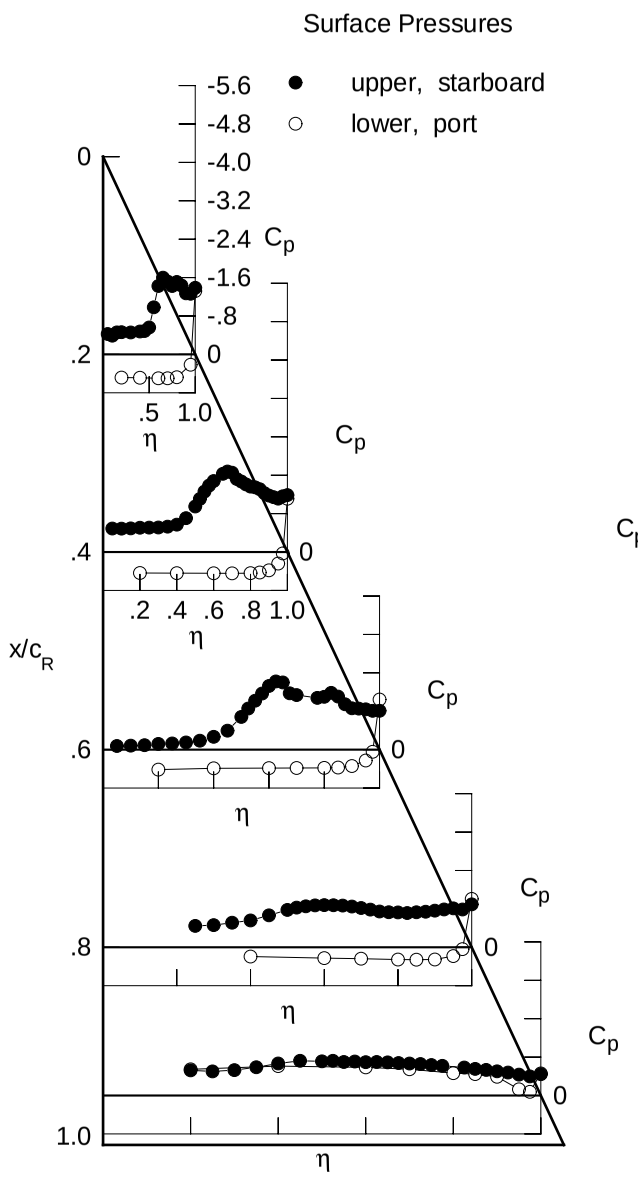
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1997	*******
0.20	-1.3634	-1.3302
0.30	-1.1919	*******
0.40	-1.1339	-1.0862
0.50	-1.0371	*******
0.60	-0.8884	-0.9603
0.70	-0.7303	*******
0.80	-0.6759	-0.9305
0.90	-0.0160	*******
0.95	-0.5634	-0.4555

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	-0.4250	-0.4892	-0.0762	*******	*******
0.100	-0.3892	-0.4869	-0.0832	*******	*******
0.150	-0.4587	-0.4926	-0.0926	*******	*******
0.200	-0.4625	-0.5061	-0.1193	*******	-0.5239
0.250	*******	-0.5087	-0.1289	-0.4455	-0.5025
0.300	-0.4566	-0.5110	-0.1492	-0.4615	-0.5288
0.350	*******	-0.5286	-0.1860	-0.5117	-0.5885
0.400	-0.4771	-0.5705	-0.2675	-0.5592	-0.6671
0.450	-0.4872	-0.7060	-0.3956	-0.6654	-0.7230
0.500	-0.5608	-0.9487	-0.6819	-0.7781	-0.7121
0.525	*******	-1.1056	-0.8557	-0.8266	-0.7234
0.550	-0.9805	-1.2594	-1.0195	-0.8537	-0.6982
0.575	*******	-1.3847	-1.1690	-0.8725	-0.7081
0.600	-1.4249	-1.4792	-1.3264	-0.8786	-0.6946
0.625	*******	*******	-1.4211	-0.8762	-0.6982
0.650	-1.5987	-1.6299	-1.4004	-0.8687	-0.6900
0.675	*******	-1.6776	-1.1740	-0.8486	-0.6771
0.700	-1.5177	-1.6531	-1.1371	-0.8184	-0.6666
0.725	*******	-1.5227	*******	-0.7852	-0.6560
0.750	-1.4251	-1.4696	*******	-0.7454	-0.6356
0.775	*******	-1.4099	-1.0781	-0.7304	-0.6186
0.800	-1.5089	-1.3635	-1.1005	-0.7266	*******
0.825	*******	-1.3482	-1.1828	-0.7139	-0.5835
0.850	-1.4363	-1.3087	-1.1058	-0.7297	-0.5545
0.875	*******	-1.2283	-0.9458	-0.7411	-0.5338
0.900	-1.2723	-1.1757	-0.8619	-0.7629	-0.5036
0.925	*******	-1.1430	-0.8548	-0.7877	-0.4781
0.950	-1.2629	-1.1121	-0.8401	-0.8112	-0.4350
0.975	*******	-1.1614	-0.8087	-0.7872	-0.3979
1.000	-1.3870	-1.1864	-0.8098	-0.8944	-0.4443
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4829	0.4368	0.4159	*******	-0.5455
-0.400	0.4867	0.4399	0.3890	0.1928	-0.6125
-0.600	0.4974	0.4421	0.3846	0.2255	-0.5866
-0.700	0.4973	0.4440	0.3825	0.2378	-0.5470
-0.800	0.4757	0.4403	0.3804	0.2555	-0.4660
-0.850	*******	0.4266	0.3728	0.2584	-0.4463
-0.900	*******	0.3807	0.3418	0.2540	-0.3900
-0.950	0.2150	0.2401	0.2260	0.1836	-0.1291
-0.975	*******	0.0286	0.0446	0.0385	-0.0769
-1.000	-1.3189	-1.1102	-1.0436	-1.0078	-0.4601



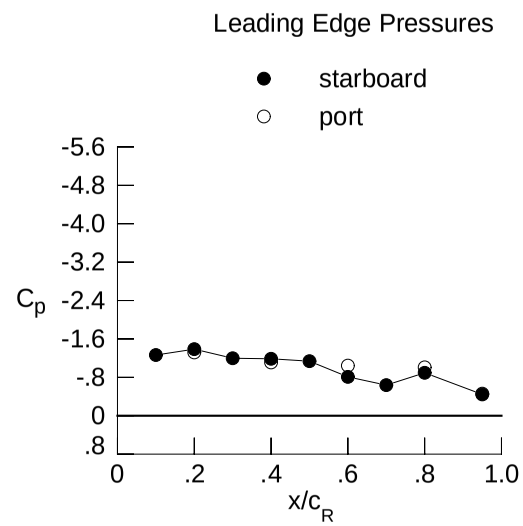
Medium Radius L.E.

Run No. = 12 , Point No. = 258

C_N = 0.965, C_m = -0.1679

α = 20.4 °, M_∞ = 0.848

R_{mac} = 36.1×10^6

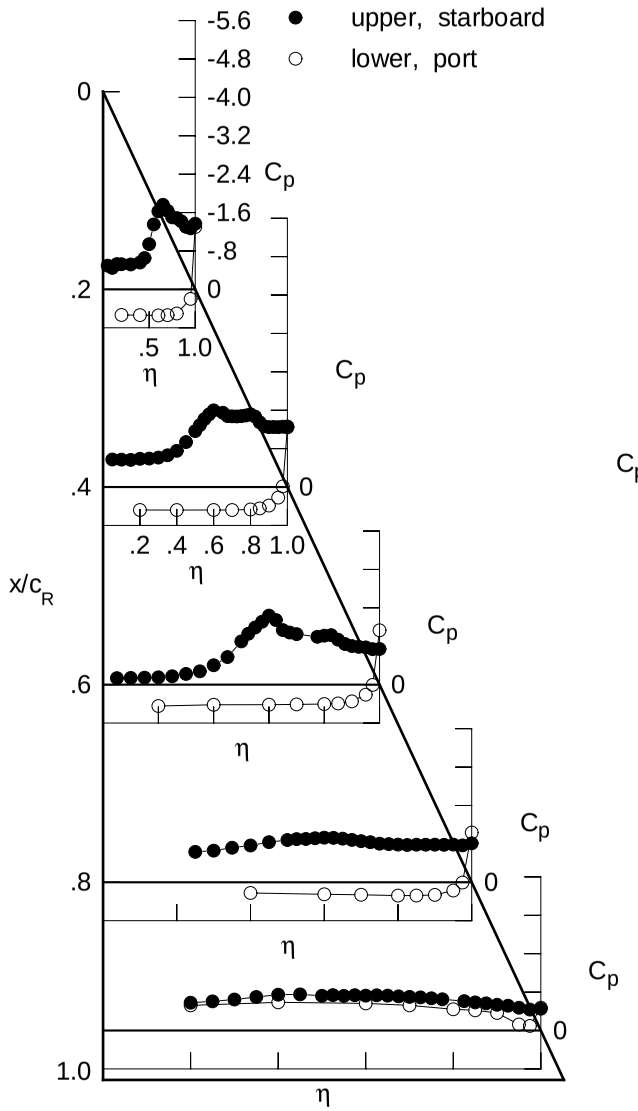


x/c_R	starb'd Cp	port Cp
0.10	-1.2645	*******
0.20	-1.3870	-1.3189
0.30	-1.1975	*******
0.40	-1.1864	-1.1102
0.50	-1.1365	*******
0.60	-0.8098	-1.0436
0.70	-0.6374	*******
0.80	-0.8944	-1.0078
0.90	-0.0177	*******
0.95	-0.4443	-0.4601

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	-0.4941	-0.5740	-0.1351	*******	*******
0.100	-0.4483	-0.5704	-0.1400	*******	*******
0.150	-0.5271	-0.5658	-0.1452	*******	*******
0.200	-0.5239	-0.5882	-0.1531	*******	-0.5791
0.250	*******	-0.5927	-0.1743	-0.6340	-0.6075
0.300	-0.5195	-0.6135	-0.2234	-0.6589	-0.6458
0.350	*******	-0.6614	-0.2772	-0.7202	-0.6981
0.400	-0.5594	-0.7548	-0.4041	-0.7666	-0.7464
0.450	-0.6529	-0.9366	-0.5744	-0.8359	-0.7527
0.500	-0.9426	-1.1655	-0.9007	-0.8804	-0.7232
0.525	*******	-1.2879	-1.0592	-0.8989	-0.7371
0.550	-1.3539	-1.4153	-1.1903	-0.9027	-0.7210
0.575	*******	-1.5124	-1.3105	-0.9178	-0.7361
0.600	-1.6268	-1.5974	-1.4381	-0.9294	-0.7266
0.625	*******	*******	-1.3466	-0.9252	-0.7334
0.650	-1.7623	-1.5479	-1.1368	-0.9088	-0.7266
0.675	*******	-1.4783	-1.0857	-0.8836	-0.7118
0.700	-1.6368	-1.4726	-1.0522	-0.8567	-0.7009
0.725	*******	-1.4706	*******	-0.8351	-0.6907
0.750	-1.5006	-1.4780	*******	-0.8043	-0.6716
0.775	*******	-1.4906	-0.9968	-0.7949	-0.6507
0.800	-1.4856	-1.5152	-1.0198	-0.7860	*******
0.825	*******	-1.4671	-1.0315	-0.7772	-0.6121
0.850	-1.4163	-1.3478	-0.9368	-0.7831	-0.5856
0.875	*******	-1.2633	-0.8464	-0.7825	-0.5652
0.900	-1.3030	-1.2479	-0.8043	-0.7838	-0.5363
0.925	*******	-1.2513	-0.7875	-0.7811	-0.5167
0.950	-1.2718	-1.2471	-0.7759	-0.7859	-0.4741
0.975	*******	-1.2570	-0.7392	-0.7685	-0.4362
1.000	-1.3679	-1.2614	-0.7421	-0.8112	-0.4539
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5328	0.4786	0.4455	*******	-0.5236
-0.400	0.5362	0.4795	0.4193	0.2227	-0.5872
-0.600	0.5424	0.4787	0.4176	0.2504	-0.5648
-0.700	0.5357	0.4790	0.4118	0.2603	-0.5240
-0.800	0.5020	0.4675	0.4041	0.2770	-0.4426
-0.850	*******	0.4455	0.3917	0.2761	-0.4208
-0.900	*******	0.3852	0.3489	0.2627	-0.3657
-0.950	0.1975	0.2199	0.2085	0.1721	-0.1248
-0.975	*******	-0.0133	0.0052	0.0050	-0.0955
-1.000	-1.3001	-1.2413	-1.1320	-1.0371	-0.4755

Surface Pressures



Medium Radius L.E.

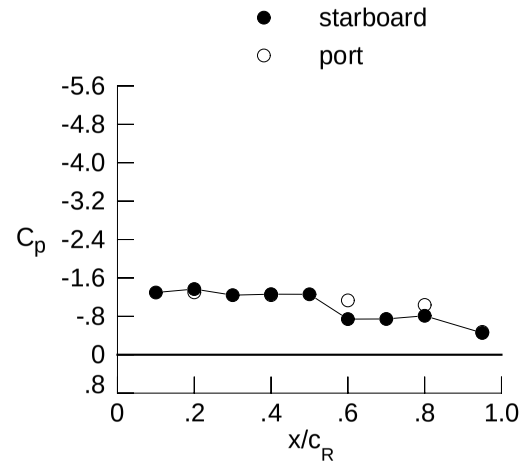
Run No. = 12 , Point No. = 259

C_N = 1.073, C_m = -0.1886

α = 22.4 °, M_∞ = 0.851

R_{mac} = 36.1×10^6

Leading Edge Pressures

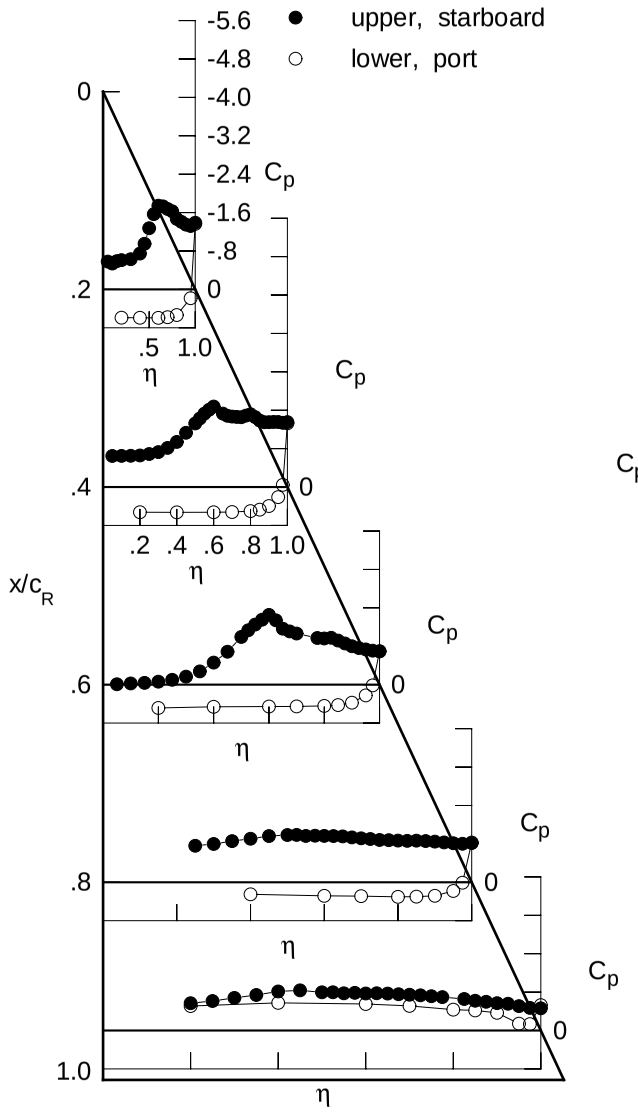


x/c_R	starb'd C_p	port C_p
0.10	-1.2958	*******
0.20	-1.3679	-1.3001
0.30	-1.2410	*******
0.40	-1.2614	-1.2413
0.50	-1.2590	*******
0.60	-0.7421	-1.1320
0.70	-0.7451	*******
0.80	-0.8112	-1.0371
0.90	-0.0241	*******
0.95	-0.4539	-0.4755

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	-0.5801	-0.6476	-0.0078	*******	*******
0.100	-0.5386	-0.6485	-0.0246	*******	*******
0.150	-0.5891	-0.6512	-0.0368	*******	*******
0.200	-0.6099	-0.6577	-0.0619	*******	-0.5685
0.250	*******	-0.6881	-0.1010	-0.7611	-0.6146
0.300	-0.6286	-0.7281	-0.1665	-0.7981	-0.6794
0.350	*******	-0.8149	-0.2764	-0.8579	-0.7402
0.400	-0.7464	-0.9398	-0.4595	-0.9070	-0.8137
0.450	-0.9504	-1.1303	-0.6856	-0.9635	-0.8368
0.500	-1.2744	-1.3246	-0.9933	-0.9845	-0.7958
0.525	*******	-1.4284	-1.1329	-0.9875	-0.7967
0.550	-1.5669	-1.5298	-1.2510	-0.9660	-0.7750
0.575	*******	-1.6098	-1.3530	-0.9706	-0.7849
0.600	-1.7437	-1.6771	-1.4529	-0.9663	-0.7715
0.625	*******	*******	-1.3401	-0.9629	-0.7762
0.650	-1.7297	-1.5292	-1.1654	-0.9563	-0.7696
0.675	*******	-1.4843	-1.1084	-0.9356	-0.7563
0.700	-1.6750	-1.4681	-1.0647	-0.9159	-0.7459
0.725	*******	-1.4608	*******	-0.9020	-0.7337
0.750	-1.6270	-1.4540	*******	-0.8813	-0.7148
0.775	*******	-1.4879	-0.9723	-0.8773	-0.6960
0.800	-1.4677	-1.5164	-0.9617	-0.8686	*******
0.825	*******	-1.4565	-0.9770	-0.8631	-0.6571
0.850	-1.4075	-1.3848	-0.9185	-0.8671	-0.6202
0.875	*******	-1.3506	-0.8578	-0.8588	-0.5984
0.900	-1.3490	-1.3512	-0.8004	-0.8475	-0.5693
0.925	*******	-1.3557	-0.7624	-0.8302	-0.5580
0.950	-1.3208	-1.3555	-0.7332	-0.8134	-0.5081
0.975	*******	-1.3383	-0.7080	-0.8022	-0.4712
1.000	-1.3890	-1.3529	-0.6935	-0.8176	-0.4622
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5896	0.5252	0.4858	*******	-0.5100
-0.400	0.5914	0.5273	0.4615	0.2506	-0.5761
-0.600	0.5927	0.5254	0.4562	0.2821	-0.5523
-0.700	0.5794	0.5207	0.4537	0.2886	-0.5129
-0.800	0.5347	0.5012	0.4429	0.3032	-0.4345
-0.850	*******	0.4715	0.4257	0.2994	-0.4184
-0.900	*******	0.3964	0.3763	0.2816	-0.3677
-0.950	0.1840	0.2104	0.2243	0.1809	-0.1428
-0.975	*******	-0.0452	0.0152	0.0088	-0.1330
-1.000	-1.3640	-1.3271	-0.6951	-0.8283	-0.5287

Surface Pressures



Medium Radius L.E.

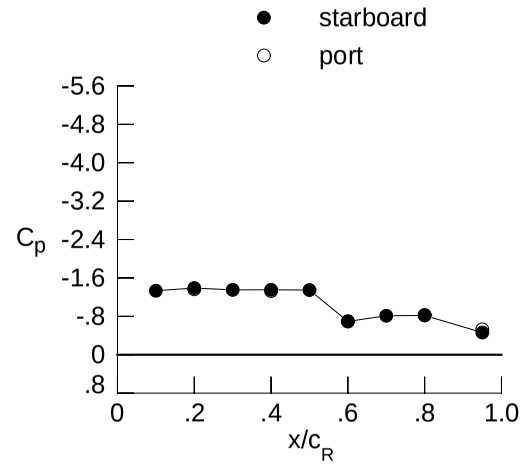
Run No. = 12 , Point No. = 260

C_N = 1.119, C_m = -0.1881

α = 24.4 °, M_∞ = 0.849

R_{mac} = 35.9×10^6

Leading Edge Pressures

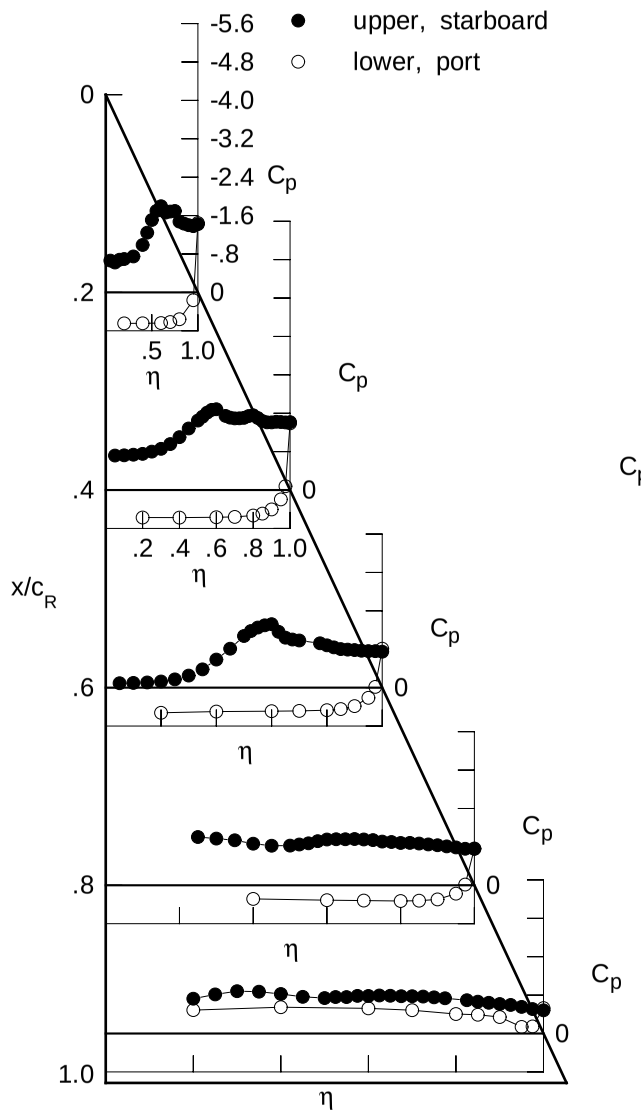


x/c_R	starb'd Cp	port Cp
0.10	-1.3338	*******
0.20	-1.3890	-1.3640
0.30	-1.3515	*******
0.40	-1.3529	-1.3271
0.50	-1.3478	*******
0.60	-0.6935	-0.6951
0.70	-0.8117	*******
0.80	-0.8176	-0.8283
0.90	-0.0219	*******
0.95	-0.4622	-0.5287

Table E4. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6626	-0.7183	-0.0924	*******	*******
0.100	-0.6226	-0.7230	-0.0981	*******	*******
0.150	-0.6808	-0.7361	-0.1077	*******	*******
0.200	-0.6954	-0.7533	-0.1277	*******	-0.7248
0.250	*******	-0.7996	-0.1724	-1.0052	-0.8142
0.300	-0.7486	-0.8584	-0.2509	-0.9731	-0.8820
0.350	*******	-0.9575	-0.3809	-0.9378	-0.8716
0.400	-0.9877	-1.1016	-0.5846	-0.8665	-0.8229
0.450	-1.2442	-1.2826	-0.8108	-0.8242	-0.7643
0.500	-1.5086	-1.4474	-1.0760	-0.8265	-0.7387
0.525	*******	-1.5275	-1.1789	-0.8493	-0.7603
0.550	-1.6968	-1.6130	-1.2520	-0.8746	-0.7590
0.575	*******	-1.6705	-1.2988	-0.9191	-0.7840
0.600	-1.7950	-1.6829	-1.3227	-0.9534	-0.7826
0.625	*******	*******	-1.1634	-0.9590	-0.7917
0.650	-1.6634	-1.5437	-1.0408	-0.9595	-0.7865
0.675	*******	-1.5082	-1.0025	-0.9644	-0.7769
0.700	-1.6840	-1.4929	-0.9823	-0.9542	-0.7769
0.725	*******	-1.4945	*******	-0.9415	-0.7692
0.750	-1.6961	-1.5040	*******	-0.9108	-0.7535
0.775	*******	-1.5404	-0.9240	-0.9016	-0.7344
0.800	-1.4740	-1.5577	-0.8816	-0.8817	*******
0.825	*******	-1.5006	-0.8391	-0.8834	-0.6934
0.850	-1.4319	-1.4373	-0.8033	-0.8700	-0.6629
0.875	*******	-1.4101	-0.7922	-0.8514	-0.6402
0.900	-1.3997	-1.4097	-0.7830	-0.8343	-0.6148
0.925	*******	-1.4225	-0.7687	-0.8101	-0.5956
0.950	-1.3800	-1.4170	-0.7610	-0.7891	-0.5548
0.975	*******	-1.4086	-0.7597	-0.7609	-0.5098
1.000	-1.4214	-1.4141	-0.7488	-0.7583	-0.4831
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6458	0.5728	0.5237	*******	-0.4876
-0.400	0.6442	0.5744	0.4987	0.2839	-0.5478
-0.600	0.6393	0.5675	0.4908	0.3104	-0.5239
-0.700	0.6175	0.5597	0.4848	0.3185	-0.4852
-0.800	0.5593	0.5309	0.4700	0.3276	-0.4056
-0.850	*******	0.4913	0.4461	0.3208	-0.3911
-0.900	*******	0.4042	0.3848	0.2947	-0.3429
-0.950	0.1635	0.1953	0.2123	0.1745	-0.1366
-0.975	*******	-0.0794	-0.0157	-0.0156	-0.1472
-1.000	-1.4448	-1.3894	-0.8115	-0.7665	-0.5292

Surface Pressures



Medium Radius L.E.

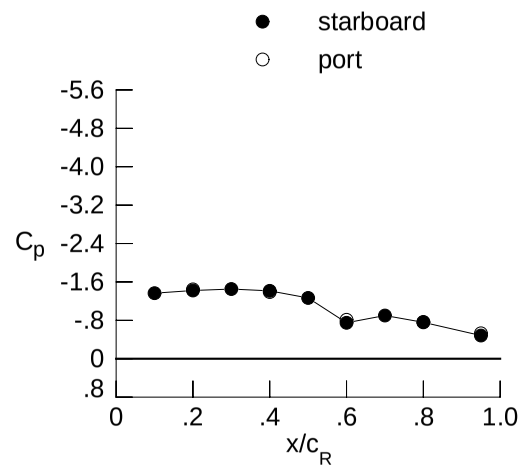
Run No. = 12 , Point No. = 261

C_N = 1.195, C_m = -0.1970

α = 26.5 °, M_∞ = 0.849

R_{mac} = 35.5×10^6

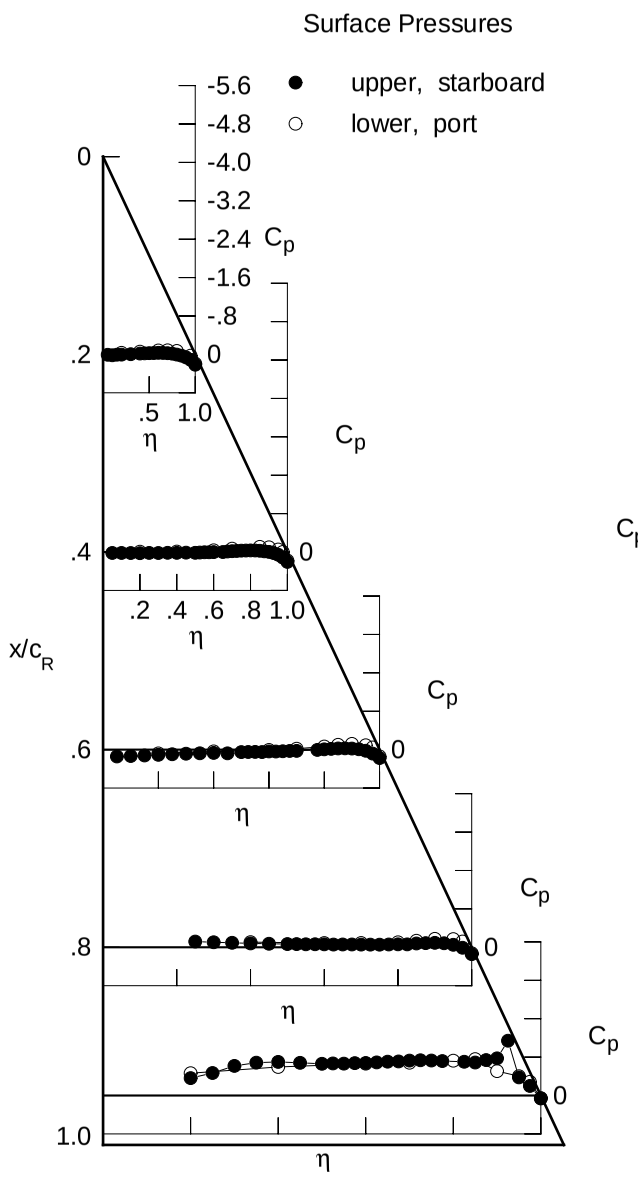
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3655	*******
0.20	-1.4214	-1.4448
0.30	-1.4517	*******
0.40	-1.4141	-1.3894
0.50	-1.2661	*******
0.60	-0.7488	-0.8115
0.70	-0.9003	*******
0.80	-0.7583	-0.7665
0.90	0.0024	*******
0.95	-0.4831	-0.5292

Table E5. 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	0.0080	0.0190	0.1424	*******	*******
0.100	0.0181	0.0190	0.1328	*******	*******
0.150	0.0062	0.0205	0.1215	*******	*******
0.200	0.0045	0.0238	0.1083	*******	-0.3624
0.250	*******	0.0184	0.0962	-0.1192	-0.4685
0.300	-0.0039	0.0199	0.0851	-0.1045	-0.6170
0.350	*******	0.0157	0.0757	-0.0939	-0.6840
0.400	-0.0176	0.0166	0.0679	-0.0808	-0.6997
0.450	-0.0215	0.0129	0.0767	-0.0737	-0.6811
0.500	-0.0259	0.0162	0.0513	-0.0671	-0.6609
0.525	*******	0.0103	0.0491	-0.0667	-0.6681
0.550	-0.0278	0.0051	0.0471	-0.0623	-0.6639
0.575	*******	0.0049	0.0507	-0.0631	-0.6747
0.600	-0.0326	0.0014	0.0372	-0.0619	-0.6774
0.625	*******	*******	0.0390	-0.0571	-0.6898
0.650	-0.0301	0.0000	0.0336	-0.0584	-0.7050
0.675	*******	-0.0112	0.0273	-0.0583	-0.7094
0.700	-0.0250	-0.0176	0.0255	-0.0556	-0.7270
0.725	*******	-0.0225	*******	-0.0552	-0.7345
0.750	-0.0152	-0.0290	*******	-0.0544	-0.7290
0.775	*******	-0.0312	0.0057	-0.0582	-0.7174
0.800	0.0037	-0.0338	-0.0065	-0.0617	*******
0.825	*******	-0.0316	-0.0162	-0.0606	-0.7036
0.850	0.0264	-0.0262	-0.0249	-0.0796	-0.6875
0.875	*******	-0.0147	-0.0273	-0.0864	-0.7388
0.900	0.0628	-0.0029	-0.0225	-0.0926	-0.7741
0.925	*******	0.0204	-0.0083	-0.0839	-1.1417
0.950	0.1139	0.0563	0.0236	-0.0523	-0.3779
0.975	*******	0.1149	0.0826	0.0094	-0.1988
1.000	0.2155	0.2056	0.1751	0.1434	0.0620
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0325	-0.0074	0.0786	*******	-0.4646
-0.400	-0.0567	-0.0096	0.0369	-0.1075	-0.5945
-0.600	-0.0816	-0.0360	0.0061	-0.0876	-0.6639
-0.700	-0.0846	-0.0703	-0.0196	-0.0899	-0.6836
-0.800	-0.0723	*******	-0.0650	-0.1040	-0.7252
-0.850	*******	-0.1082	-0.1007	-0.1356	-0.7586
-0.900	*******	-0.0981	-0.1201	-0.1757	-0.5084
-0.950	0.0263	-0.0529	-0.0914	-0.1701	-0.4023
-0.975	*******	-0.0012	-0.0457	-0.1203	-0.2854
-1.000	0.1920	0.1764	0.1398	0.1243	0.0540



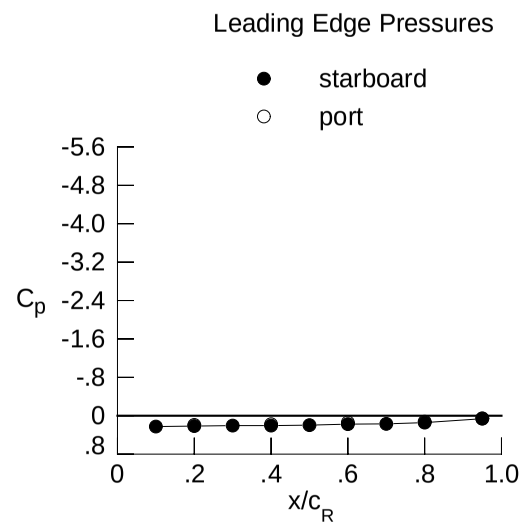
Medium Radius L.E.

Run No. = 13 , Point No. = 262

C_N = -0.022, C_m = -0.0057

α = -0.8 °, M_∞ = 0.851

$R_{mac} = 48.2 \times 10^6$

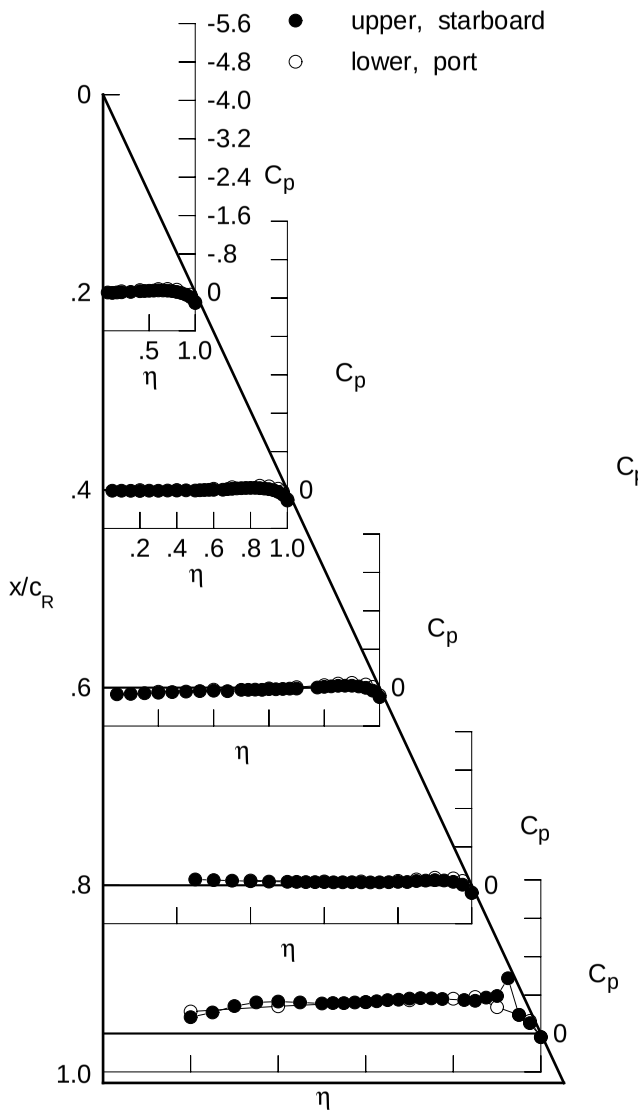


x/c_R	starb'd C_p	port C_p
0.10	0.2258	*******
0.20	0.2155	0.1920
0.30	0.2057	*******
0.40	0.2056	0.1764
0.50	0.1960	*******
0.60	0.1751	0.1398
0.70	0.1695	*******
0.80	0.1434	0.1243
0.90	0.0703	*******
0.95	0.0620	0.0540

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	0.0024	0.0145	0.1380	*******	*******
0.100	0.0113	0.0142	0.1306	*******	*******
0.150	0.0013	0.0156	0.1168	*******	*******
0.200	-0.0021	0.0193	0.1054	*******	-0.3403
0.250	*******	0.0134	0.0930	-0.1213	-0.4381
0.300	-0.0094	0.0149	0.0821	-0.1082	-0.5720
0.350	*******	0.0107	0.0721	-0.0962	-0.6478
0.400	-0.0251	0.0105	0.0642	-0.0851	-0.6654
0.450	-0.0286	0.0066	0.0732	-0.0767	-0.6471
0.500	-0.0337	0.0106	0.0458	-0.0726	-0.6256
0.525	*******	0.0042	0.0457	-0.0708	-0.6344
0.550	-0.0370	-0.0005	0.0415	-0.0662	-0.6324
0.575	*******	-0.0038	0.0457	-0.0657	-0.6461
0.600	-0.0416	-0.0047	0.0307	-0.0669	-0.6557
0.625	*******	*******	0.0339	-0.0619	-0.6717
0.650	-0.0402	-0.0060	0.0273	-0.0625	-0.6948
0.675	*******	-0.0193	0.0211	-0.0630	-0.7044
0.700	-0.0360	-0.0253	0.0193	-0.0618	-0.7274
0.725	*******	-0.0332	*******	-0.0597	-0.7366
0.750	-0.0269	-0.0386	*******	-0.0613	-0.7319
0.775	*******	-0.0434	-0.0020	-0.0637	-0.7195
0.800	-0.0092	-0.0449	-0.0165	-0.0714	*******
0.825	*******	-0.0458	-0.0265	-0.0682	-0.6973
0.850	0.0134	-0.0393	-0.0387	-0.0889	-0.6815
0.875	*******	-0.0305	-0.0404	-0.0974	-0.7480
0.900	0.0478	-0.0184	-0.0402	-0.1073	-0.7818
0.925	*******	0.0034	-0.0251	-0.1004	-1.1510
0.950	0.1002	0.0392	0.0036	-0.0720	-0.3891
0.975	*******	0.0958	0.0626	-0.0121	-0.2158
1.000	0.2220	0.2185	0.1976	0.1619	0.0769
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0232	0.0005	0.0854	*******	-0.4582
-0.400	-0.0477	0.0001	0.0421	-0.0993	-0.5673
-0.600	-0.0692	-0.0267	0.0161	-0.0799	-0.6516
-0.700	-0.0716	-0.0587	-0.0094	-0.0803	-0.6923
-0.800	-0.0561	*******	-0.0516	-0.0925	-0.7252
-0.850	*******	-0.0894	-0.0838	-0.1213	-0.7611
-0.900	*******	-0.0759	-0.0994	-0.1575	-0.5488
-0.950	0.0463	-0.0273	-0.0651	-0.1434	-0.3880
-0.975	*******	0.0267	-0.0154	-0.0902	-0.2635
-1.000	0.2012	0.1929	0.1610	0.1504	0.0722

Surface Pressures



Medium Radius L.E.

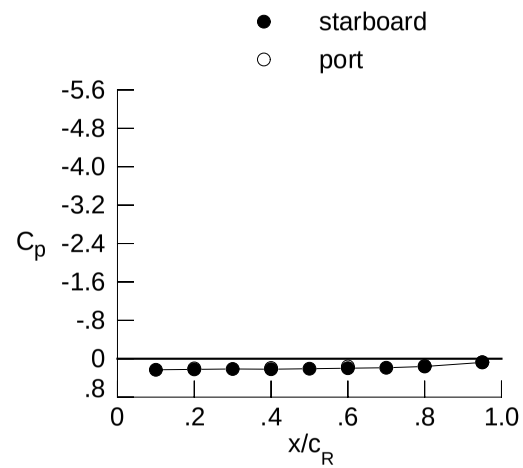
Run No. = 13 , Point No. = 263

C_N = -0.006, C_m = -0.0100

α = -0.5 °, M_∞ = 0.850

$R_{mac} = 48.5 \times 10^6$

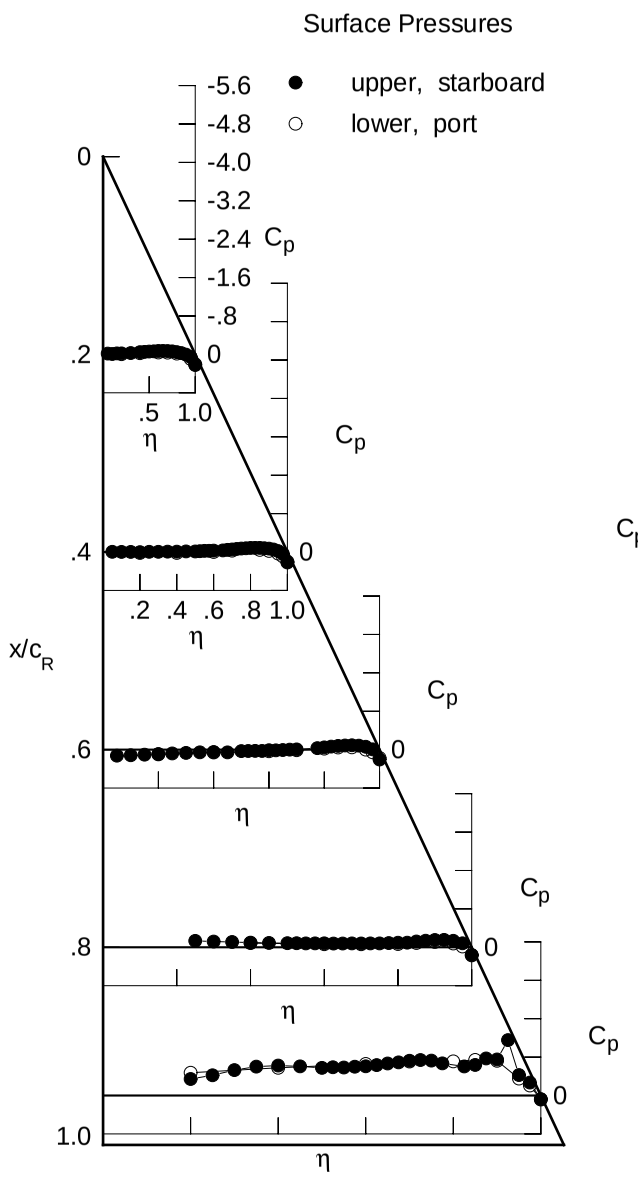
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2303	*******
0.20	0.2220	0.2012
0.30	0.2137	*******
0.40	0.2185	0.1929
0.50	0.2084	*******
0.60	0.1976	0.1610
0.70	0.1878	*******
0.80	0.1619	0.1504
0.90	0.0763	*******
0.95	0.0769	0.0722

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	-0.0168	-0.0047	0.1257	*******	*******
0.100	-0.0080	-0.0025	0.1167	*******	*******
0.150	-0.0205	-0.0028	0.1044	*******	*******
0.200	-0.0205	0.0027	0.0919	*******	-0.3443
0.250	*******	-0.0047	0.0789	-0.1339	-0.4218
0.300	-0.0283	-0.0045	0.0682	-0.1194	-0.5298
0.350	*******	-0.0084	0.0564	-0.1101	-0.6016
0.400	-0.0463	-0.0079	0.0494	-0.0970	-0.6240
0.450	-0.0522	-0.0127	0.0570	-0.0905	-0.6069
0.500	-0.0592	-0.0118	0.0305	-0.0857	-0.5757
0.525	*******	-0.0174	0.0277	-0.0846	-0.5885
0.550	-0.0644	-0.0246	0.0256	-0.0805	-0.5835
0.575	*******	-0.0254	0.0275	-0.0818	-0.5999
0.600	-0.0710	-0.0297	0.0118	-0.0823	-0.6088
0.625	*******	*******	0.0143	-0.0776	-0.6338
0.650	-0.0721	-0.0333	0.0079	-0.0783	-0.6676
0.675	*******	-0.0454	0.0003	-0.0809	-0.6908
0.700	-0.0696	-0.0540	-0.0045	-0.0789	-0.7243
0.725	*******	-0.0637	*******	-0.0805	-0.7391
0.750	-0.0634	-0.0729	*******	-0.0811	-0.7274
0.775	*******	-0.0787	-0.0312	-0.0881	-0.6698
0.800	-0.0471	-0.0852	-0.0474	-0.0956	*******
0.825	*******	-0.0866	-0.0628	-0.0959	-0.6060
0.850	-0.0274	-0.0864	-0.0776	-0.1209	-0.6365
0.875	*******	-0.0790	-0.0863	-0.1372	-0.7722
0.900	0.0049	-0.0710	-0.0911	-0.1523	-0.7509
0.925	*******	-0.0527	-0.0833	-0.1547	-1.1547
0.950	0.0541	-0.0199	-0.0602	-0.1350	-0.4262
0.975	*******	0.0324	-0.0067	-0.0832	-0.2692
1.000	0.2220	0.2177	0.2054	0.1592	0.0752
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0037	0.0192	0.0985	*******	-0.4745
-0.400	-0.0245	0.0187	0.0589	-0.0881	-0.5774
-0.600	-0.0404	-0.0017	0.0339	-0.0641	-0.6572
-0.700	-0.0370	-0.0288	0.0121	-0.0632	-0.7083
-0.800	-0.0167	*******	-0.0208	-0.0679	-0.7111
-0.850	*******	-0.0446	-0.0447	-0.0894	-0.7413
-0.900	*******	-0.0231	-0.0482	-0.1104	-0.7236
-0.950	0.0938	0.0323	-0.0007	-0.0790	-0.3528
-0.975	*******	0.0897	0.0548	-0.0169	-0.2091
-1.000	0.2056	0.2001	0.1730	0.1687	0.0844



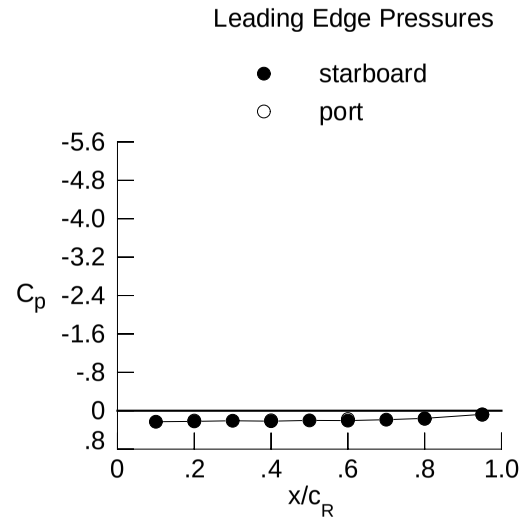
Medium Radius L.E.

Run No. = 13 , Point No. = 264

C_N = 0.039, C_m = -0.0189

α = 0.6 °, M_∞ = 0.849

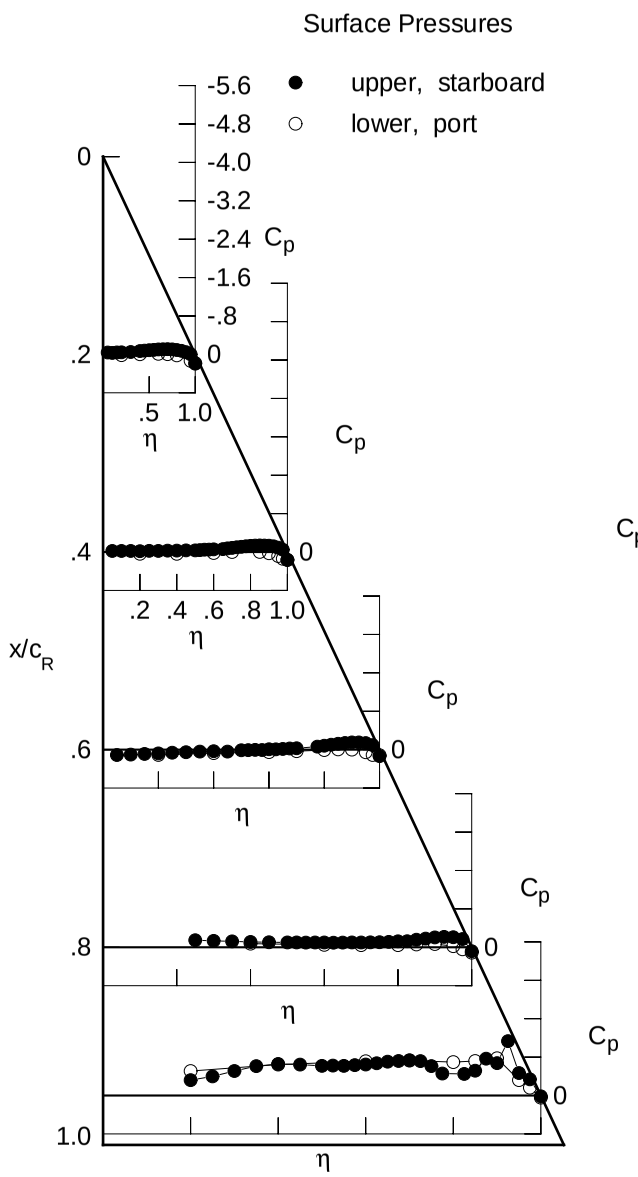
R_{mac} = 48.2×10^6



x/c_R	starb'd C_p	port C_p
0.10	0.2293	*******
0.20	0.2220	0.2056
0.30	0.2090	*******
0.40	0.2177	0.2001
0.50	0.2019	*******
0.60	0.2054	0.1730
0.70	0.1867	*******
0.80	0.1592	0.1687
0.90	0.0760	*******
0.95	0.0752	0.0844

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	-0.0396	-0.0226	0.1124	*******	*******
0.100	-0.0302	-0.0220	0.1028	*******	*******
0.150	-0.0406	-0.0223	0.0894	*******	*******
0.200	-0.0429	-0.0179	0.0784	*******	-0.3202
0.250	*******	-0.0248	0.0638	-0.1472	-0.3982
0.300	-0.0497	-0.0236	0.0540	-0.1339	-0.5105
0.350	*******	-0.0289	0.0411	-0.1236	-0.6121
0.400	-0.0698	-0.0298	0.0332	-0.1115	-0.6565
0.450	-0.0781	-0.0340	0.0407	-0.1052	-0.6439
0.500	-0.0872	-0.0340	0.0126	-0.1011	-0.6173
0.525	*******	-0.0398	0.0101	-0.1009	-0.6235
0.550	-0.0939	-0.0490	0.0051	-0.0975	-0.6173
0.575	*******	-0.0505	0.0081	-0.1000	-0.6326
0.600	-0.1031	-0.0563	-0.0084	-0.1002	-0.6453
0.625	*******	*******	-0.0068	-0.0955	-0.6720
0.650	-0.1064	-0.0605	-0.0144	-0.0976	-0.7044
0.675	*******	-0.0771	-0.0238	-0.1012	-0.7191
0.700	-0.1085	-0.0866	-0.0288	-0.0999	-0.7341
0.725	*******	-0.0993	*******	-0.1033	-0.7168
0.750	-0.1037	-0.1090	*******	-0.1054	-0.6131
0.775	*******	-0.1201	-0.0627	-0.1132	-0.4577
0.800	-0.0912	-0.1289	-0.0816	-0.1252	*******
0.825	*******	-0.1344	-0.1023	-0.1261	-0.4493
0.850	-0.0742	-0.1374	-0.1228	-0.1577	-0.5171
0.875	*******	-0.1355	-0.1387	-0.1806	-0.7668
0.900	-0.0465	-0.1317	-0.1506	-0.2053	-0.6746
0.925	*******	-0.1194	-0.1506	-0.2171	-1.1331
0.950	-0.0025	-0.0914	-0.1366	-0.2096	-0.4680
0.975	*******	-0.0487	-0.0944	-0.1720	-0.3368
1.000	0.1935	0.1656	0.1355	0.0817	0.0170
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0161	0.0358	0.1106	*******	-0.5094
-0.400	-0.0029	0.0369	0.0718	-0.0759	-0.6448
-0.600	-0.0120	0.0200	0.0513	-0.0509	-0.7139
-0.700	-0.0047	-0.0011	0.0323	-0.0447	-0.7279
-0.800	0.0203	*******	0.0087	-0.0451	-0.6963
-0.850	*******	-0.0023	-0.0059	-0.0591	-0.7185
-0.900	*******	0.0246	-0.0005	-0.0680	-0.7758
-0.950	0.1346	0.0828	0.0544	-0.0236	-0.3211
-0.975	*******	0.1398	0.1115	0.0420	-0.1634
-1.000	0.1808	0.1615	0.1152	0.1117	0.0444



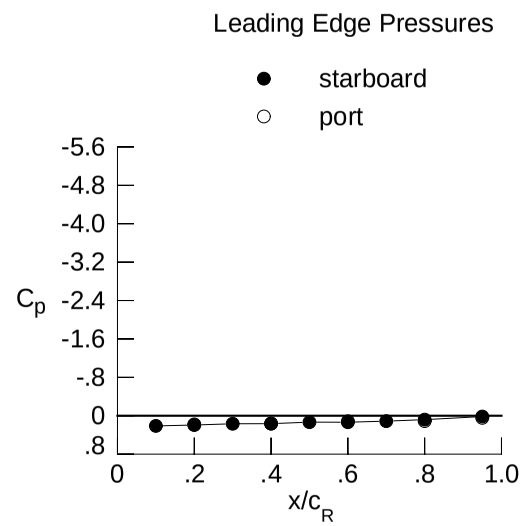
Medium Radius L.E.

Run No. = 13 , Point No. = 265

C_N = 0.080, C_m = -0.0250

α = 1.7 °, M_∞ = 0.851

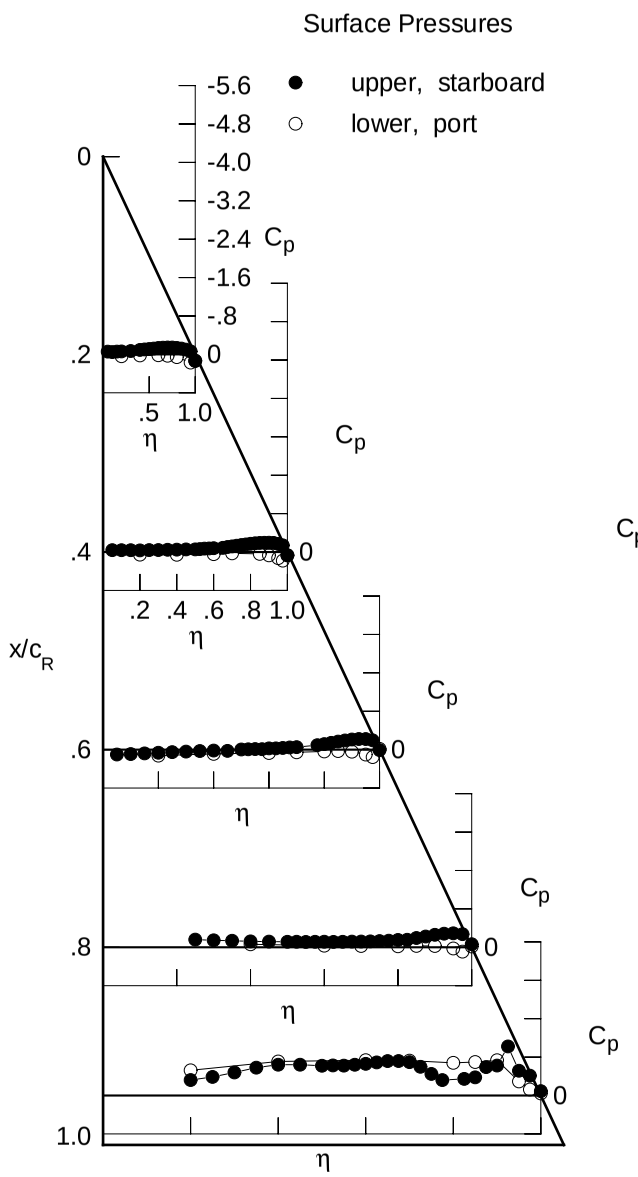
$R_{mac} = 48.1 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2122	*******
0.20	0.1935	0.1808
0.30	0.1673	*******
0.40	0.1656	0.1615
0.50	0.1333	*******
0.60	0.1355	0.1152
0.70	0.1126	*******
0.80	0.0817	0.1117
0.90	0.0695	*******
0.95	0.0170	0.0444

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	-0.0573	-0.0394	0.1012	*******	*******
0.100	-0.0480	-0.0383	0.0920	*******	*******
0.150	-0.0587	-0.0385	0.0787	*******	*******
0.200	-0.0613	-0.0348	0.0651	*******	-0.3220
0.250	*******	-0.0411	0.0523	-0.1597	-0.3872
0.300	-0.0700	-0.0419	0.0405	-0.1456	-0.4801
0.350	*******	-0.0472	0.0291	-0.1361	-0.5802
0.400	-0.0929	-0.0495	0.0190	-0.1236	-0.6420
0.450	-0.1028	-0.0541	0.0255	-0.1182	-0.6416
0.500	-0.1122	-0.0554	-0.0030	-0.1147	-0.6197
0.525	*******	-0.0613	-0.0070	-0.1149	-0.6268
0.550	-0.1217	-0.0713	-0.0123	-0.1116	-0.6224
0.575	*******	-0.0743	-0.0094	-0.1145	-0.6410
0.600	-0.1333	-0.0798	-0.0268	-0.1159	-0.6600
0.625	*******	*******	-0.0266	-0.1119	-0.6900
0.650	-0.1398	-0.0877	-0.0351	-0.1145	-0.7173
0.675	*******	-0.1051	-0.0453	-0.1187	-0.7181
0.700	-0.1442	-0.1176	-0.0524	-0.1199	-0.6951
0.725	*******	-0.1317	*******	-0.1232	-0.5985
0.750	-0.1428	-0.1453	*******	-0.1296	-0.4493
0.775	*******	-0.1587	-0.0930	-0.1373	-0.3217
0.800	-0.1346	-0.1721	-0.1151	-0.1529	*******
0.825	*******	-0.1821	-0.1417	-0.1569	-0.3465
0.850	-0.1219	-0.1897	-0.1684	-0.1939	-0.3785
0.875	*******	-0.1932	-0.1913	-0.2241	-0.5921
0.900	-0.0989	-0.1947	-0.2115	-0.2599	-0.6238
0.925	*******	-0.1905	-0.2218	-0.2830	-1.0227
0.950	-0.0635	-0.1692	-0.2208	-0.2916	-0.5162
0.975	*******	-0.1398	-0.1948	-0.2733	-0.4136
1.000	0.1388	0.0652	0.0099	-0.0637	-0.0914
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0382	0.0541	0.1251	*******	-0.5249
-0.400	0.0217	0.0566	0.0877	-0.0623	-0.7089
-0.600	0.0177	0.0438	0.0704	-0.0337	-0.7358
-0.700	0.0280	0.0272	0.0551	-0.0268	-0.7266
-0.800	0.0569	*******	0.0377	-0.0212	-0.6804
-0.850	*******	0.0386	0.0297	-0.0289	-0.6972
-0.900	*******	0.0688	0.0424	-0.0274	-0.7352
-0.950	0.1702	0.1273	0.1025	0.0251	-0.2936
-0.975	*******	0.1790	0.1553	0.0900	-0.1256
-1.000	0.1280	0.0704	-0.0171	-0.0167	-0.0435



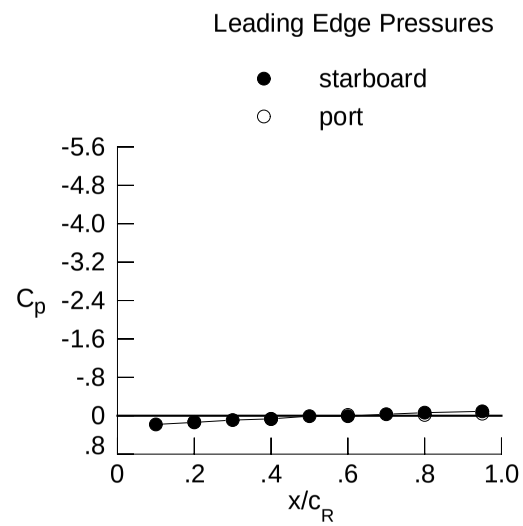
Medium Radius L.E.

Run No. = 13 , Point No. = 266

C_N = 0.117, C_m = -0.0288

α = 2.7 °, M_∞ = 0.850

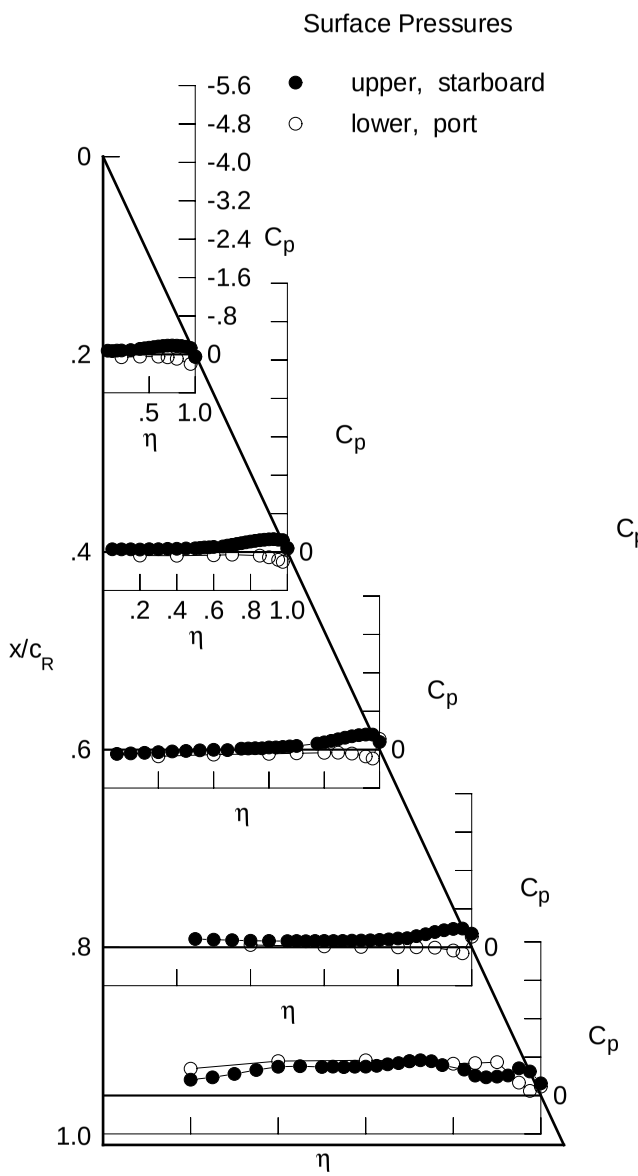
$R_{mac} = 47.7 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.1814	*******
0.20	0.1388	0.1280
0.30	0.0907	*******
0.40	0.0652	0.0704
0.50	0.0092	*******
0.60	0.0099	-0.0171
0.70	-0.0308	*******
0.80	-0.0637	-0.0167
0.90	0.0515	*******
0.95	-0.0914	-0.0435

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	-0.0770	-0.0573	0.0890	*******	*******
0.100	-0.0689	-0.0561	0.0787	*******	*******
0.150	-0.0791	-0.0565	0.0667	*******	*******
0.200	-0.0816	-0.0516	0.0530	*******	-0.3297
0.250	*******	-0.0592	0.0372	-0.1730	-0.3782
0.300	-0.0900	-0.0595	0.0274	-0.1583	-0.4498
0.350	*******	-0.0663	0.0143	-0.1483	-0.5316
0.400	-0.1149	-0.0681	0.0035	-0.1359	-0.5994
0.450	-0.1274	-0.0746	0.0096	-0.1323	-0.6104
0.500	-0.1389	-0.0772	-0.0200	-0.1281	-0.5942
0.525	*******	-0.0842	-0.0242	-0.1302	-0.6019
0.550	-0.1509	-0.0950	-0.0295	-0.1266	-0.5919
0.575	*******	-0.0981	-0.0283	-0.1309	-0.5998
0.600	-0.1649	-0.1061	-0.0456	-0.1316	-0.6015
0.625	*******	*******	-0.0465	-0.1302	-0.6181
0.650	-0.1745	-0.1161	-0.0561	-0.1324	-0.6493
0.675	*******	-0.1345	-0.0671	-0.1380	-0.6742
0.700	-0.1825	-0.1496	-0.0766	-0.1406	-0.7122
0.725	*******	-0.1670	*******	-0.1455	-0.7342
0.750	-0.1851	-0.1838	*******	-0.1533	-0.7144
0.775	*******	-0.2021	-0.1256	-0.1650	-0.6338
0.800	-0.1814	-0.2185	-0.1519	-0.1833	*******
0.825	*******	-0.2331	-0.1827	-0.1895	-0.5389
0.850	-0.1743	-0.2463	-0.2157	-0.2320	-0.4148
0.875	*******	-0.2562	-0.2489	-0.2719	-0.3790
0.900	-0.1586	-0.2647	-0.2783	-0.3180	-0.3936
0.925	*******	-0.2684	-0.3013	-0.3549	-0.4171
0.950	-0.1332	-0.2567	-0.3145	-0.3827	-0.5670
0.975	*******	-0.2479	-0.3136	-0.3901	-0.5004
1.000	0.0536	-0.0879	-0.1602	-0.2837	-0.2538
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0590	0.0727	0.1395	*******	-0.5586
-0.400	0.0452	0.0769	0.1029	-0.0479	-0.7172
-0.600	0.0466	0.0669	0.0871	-0.0191	-0.7333
-0.700	0.0596	0.0548	0.0762	-0.0084	-0.7168
-0.800	0.0910	*******	0.0656	0.0005	-0.6626
-0.850	*******	0.0752	0.0628	-0.0006	-0.6750
-0.900	*******	0.1089	0.0818	0.0083	-0.6950
-0.950	0.1984	0.1625	0.1411	0.0675	-0.2688
-0.975	*******	0.2051	0.1845	0.1246	-0.0961
-1.000	0.0411	-0.0683	-0.2230	-0.2203	-0.1852



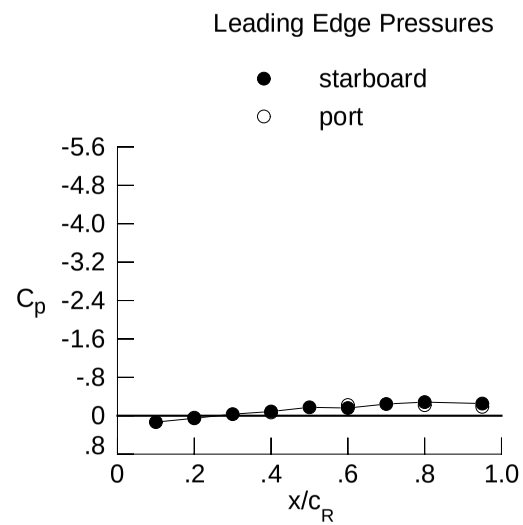
Medium Radius L.E.

Run No. = 13 , Point No. = 267

C_N = 0.163, C_m = -0.0386

α = 3.8 °, M_∞ = 0.850

$R_{mac} = 47.6 \times 10^6$

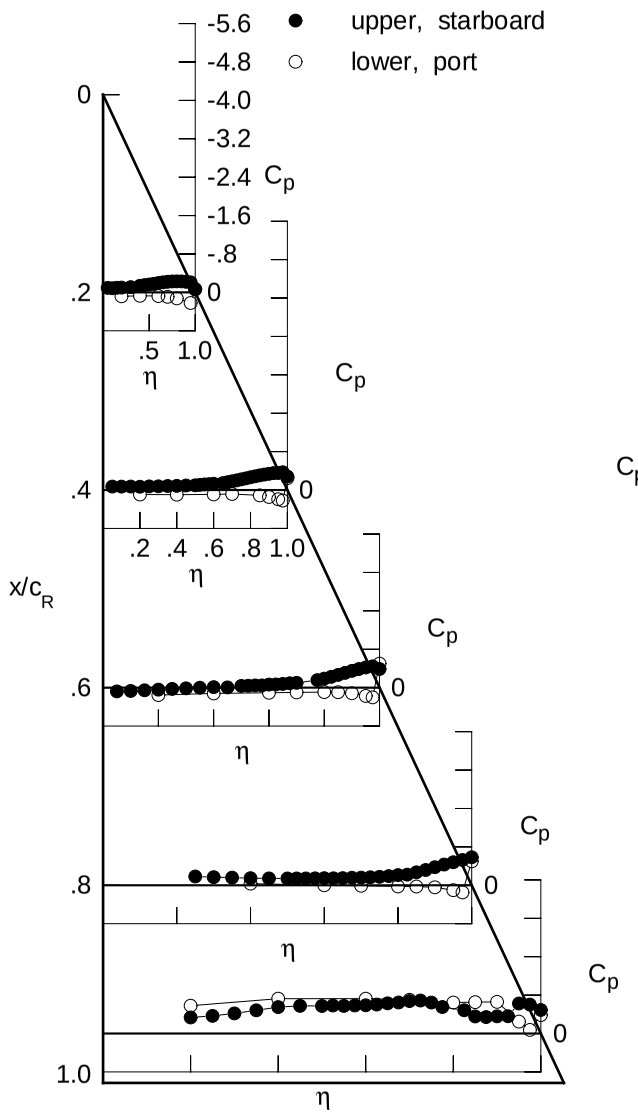


x/c_R	starb'd C_p	port C_p
0.10	0.1328	*******
0.20	0.0536	0.0411
0.30	-0.0325	*******
0.40	-0.0879	-0.0683
0.50	-0.1754	*******
0.60	-0.1602	-0.2230
0.70	-0.2440	*******
0.80	-0.2837	-0.2203
0.90	0.0258	*******
0.95	-0.2538	-0.1852

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	-0.0944	-0.0721	0.0783	*******	*******
0.100	-0.0864	-0.0712	0.0689	*******	*******
0.150	-0.0971	-0.0727	0.0549	*******	*******
0.200	-0.0999	-0.0687	0.0413	*******	-0.3344
0.250	*******	-0.0761	0.0268	-0.1834	-0.3672
0.300	-0.1096	-0.0776	0.0147	-0.1690	-0.4182
0.350	*******	-0.0840	0.0015	-0.1601	-0.4833
0.400	-0.1377	-0.0869	-0.0103	-0.1480	-0.5501
0.450	-0.1509	-0.0947	-0.0048	-0.1435	-0.5758
0.500	-0.1642	-0.0982	-0.0357	-0.1418	-0.5739
0.525	*******	-0.1071	-0.0403	-0.1424	-0.5833
0.550	-0.1793	-0.1169	-0.0462	-0.1421	-0.5753
0.575	*******	-0.1226	-0.0466	-0.1448	-0.5842
0.600	-0.1954	-0.1310	-0.0641	-0.1484	-0.5882
0.625	*******	*******	-0.0667	-0.1460	-0.6028
0.650	-0.2098	-0.1438	-0.0772	-0.1492	-0.6291
0.675	*******	-0.1635	-0.0908	-0.1573	-0.6461
0.700	-0.2206	-0.1819	-0.1006	-0.1603	-0.6761
0.725	*******	-0.2013	*******	-0.1675	-0.6876
0.750	-0.2277	-0.2224	*******	-0.1767	-0.6450
0.775	*******	-0.2429	-0.1566	-0.1912	-0.5519
0.800	-0.2293	-0.2658	-0.1882	-0.2129	*******
0.825	*******	-0.2854	-0.2249	-0.2212	-0.4838
0.850	-0.2287	-0.3053	-0.2659	-0.2703	-0.3550
0.875	*******	-0.3226	-0.3069	-0.3184	-0.3420
0.900	-0.2208	-0.3384	-0.3493	-0.3769	-0.3580
0.925	*******	-0.3530	-0.3870	-0.4323	-0.3600
0.950	-0.2094	-0.3553	-0.4200	-0.4803	-0.6256
0.975	*******	-0.3703	-0.4443	-0.5270	-0.6036
1.000	-0.0619	-0.2820	-0.3884	-0.5836	-0.4905
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0817	0.0934	0.1540	*******	-0.5791
-0.400	0.0704	0.0966	0.1204	-0.0343	-0.7255
-0.600	0.0758	0.0911	0.1065	-0.0012	-0.7260
-0.700	0.0919	0.0826	0.0991	0.0097	-0.7021
-0.800	0.1245	*******	0.0929	0.0241	-0.6451
-0.850	*******	0.1112	0.0948	0.0260	-0.6531
-0.900	*******	0.1446	0.1171	0.0423	-0.6593
-0.950	0.2205	0.1917	0.1728	0.1015	-0.2479
-0.975	*******	0.2192	0.2027	0.1477	-0.0752
-1.000	-0.0695	-0.2484	-0.5003	-0.4991	-0.3832

Surface Pressures



Medium Radius L.E.

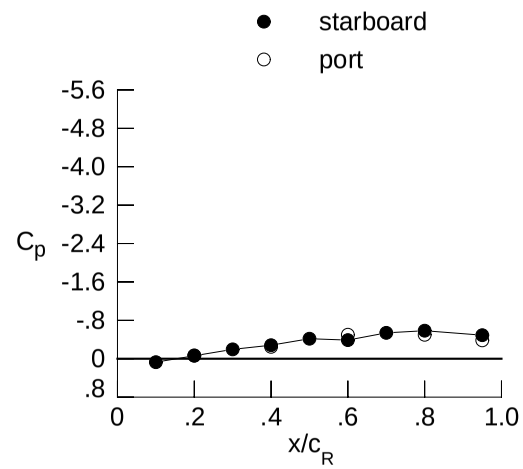
Run No. = 13 , Point No. = 268

C_N = 0.205, C_m = -0.0442

α = 4.9 °, M_∞ = 0.851

R_{mac} = 47.7×10^6

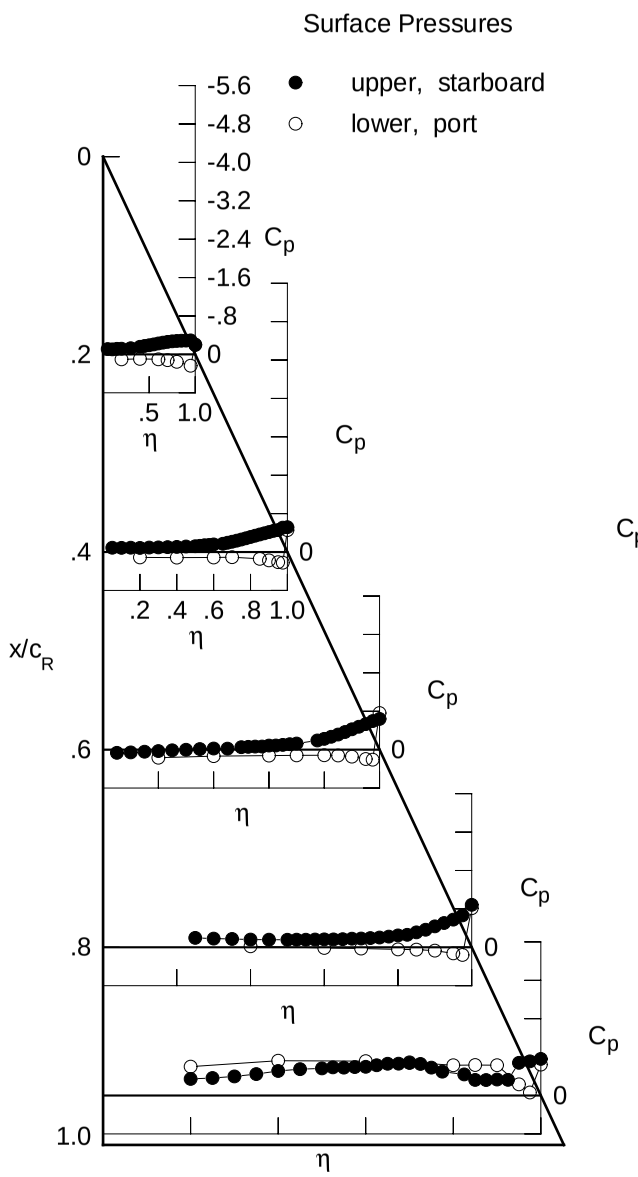
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.0716	*******
0.20	-0.0619	-0.0695
0.30	-0.1951	*******
0.40	-0.2820	-0.2484
0.50	-0.4169	*******
0.60	-0.3884	-0.5003
0.70	-0.5390	*******
0.80	-0.5836	-0.4991
0.90	-0.0049	*******
0.95	-0.4905	-0.3832

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	-0.1110	-0.0896	0.0663	*******	*******
0.100	-0.1048	-0.0874	0.0574	*******	*******
0.150	-0.1160	-0.0906	0.0429	*******	*******
0.200	-0.1187	-0.0858	0.0295	*******	-0.3458
0.250	*******	-0.0934	0.0139	-0.1962	-0.3647
0.300	-0.1287	-0.0965	0.0024	-0.1811	-0.3976
0.350	*******	-0.1025	-0.0119	-0.1738	-0.4463
0.400	-0.1586	-0.1073	-0.0235	-0.1608	-0.5112
0.450	-0.1749	-0.1149	-0.0204	-0.1581	-0.5488
0.500	-0.1907	-0.1212	-0.0509	-0.1565	-0.5645
0.525	*******	-0.1294	-0.0580	-0.1585	-0.5864
0.550	-0.2077	-0.1414	-0.0639	-0.1573	-0.5805
0.575	*******	-0.1470	-0.0649	-0.1614	-0.5929
0.600	-0.2282	-0.1582	-0.0844	-0.1648	-0.5983
0.625	*******	*******	-0.0868	-0.1636	-0.6306
0.650	-0.2450	-0.1723	-0.0990	-0.1687	-0.6612
0.675	*******	-0.1940	-0.1135	-0.1789	-0.6630
0.700	-0.2606	-0.2143	-0.1271	-0.1825	-0.6774
0.725	*******	-0.2364	*******	-0.1918	-0.6580
0.750	-0.2723	-0.2610	*******	-0.2031	-0.5805
0.775	*******	-0.2867	-0.1913	-0.2227	-0.4964
0.800	-0.2798	-0.3140	-0.2251	-0.2473	*******
0.825	*******	-0.3404	-0.2678	-0.2597	-0.4393
0.850	-0.2852	-0.3657	-0.3146	-0.3111	-0.3246
0.875	*******	-0.3903	-0.3671	-0.3656	-0.3221
0.900	-0.2871	-0.4157	-0.4238	-0.4362	-0.3328
0.925	*******	-0.4414	-0.4772	-0.5059	-0.3262
0.950	-0.2922	-0.4577	-0.5319	-0.5758	-0.6811
0.975	*******	-0.5078	-0.5951	-0.6649	-0.7116
1.000	-0.1952	-0.5176	-0.6403	-0.8844	-0.7625
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1036	0.1118	0.1682	*******	-0.6014
-0.400	0.0936	0.1162	0.1356	-0.0207	-0.7250
-0.600	0.1025	0.1134	0.1242	0.0134	-0.7162
-0.700	0.1203	0.1075	0.1189	0.0261	-0.6913
-0.800	0.1542	*******	0.1169	0.0438	-0.6303
-0.850	*******	0.1413	0.1218	0.0488	-0.6349
-0.900	*******	0.1739	0.1459	0.0699	-0.6313
-0.950	0.2359	0.2116	0.1950	0.1267	-0.2326
-0.975	*******	0.2220	0.2091	0.1594	-0.0635
-1.000	-0.2061	-0.4560	-0.7624	-0.8135	-0.6437



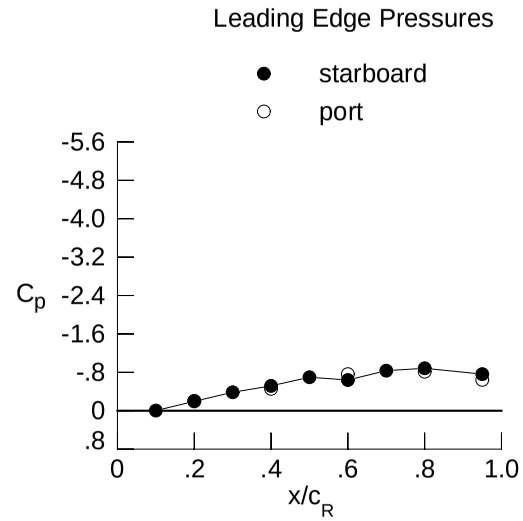
Medium Radius L.E.

Run No. = 13 , Point No. = 269

C_N = 0.247, C_m = -0.0511

α = 5.9 °, M_∞ = 0.851

R_{mac} = 48.1×10^6

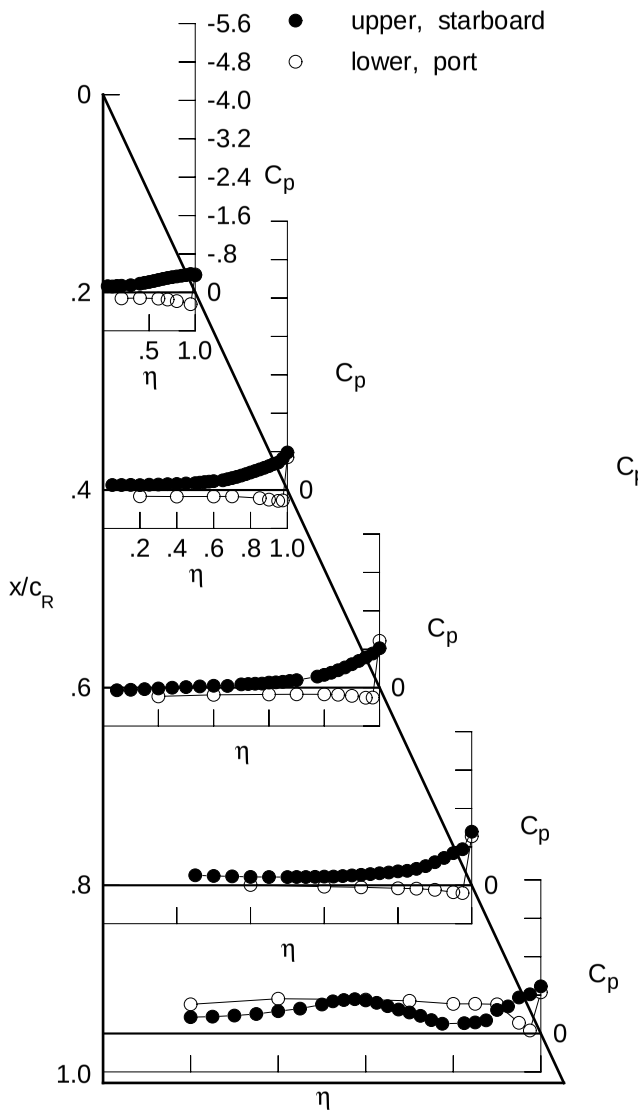


x/c_R	starb'd C_p	port C_p
0.10	-0.0033	*******
0.20	-0.1952	-0.2061
0.30	-0.3850	*******
0.40	-0.5176	-0.4560
0.50	-0.6977	*******
0.60	-0.6403	-0.7624
0.70	-0.8347	*******
0.80	-0.8844	-0.8135
0.90	-0.0523	*******
0.95	-0.7625	-0.6437

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	-0.1296	-0.1051	0.0546	*******	*******
0.100	-0.1234	-0.1047	0.0447	*******	*******
0.150	-0.1345	-0.1073	0.0309	*******	*******
0.200	-0.1383	-0.1028	0.0170	*******	-0.3412
0.250	*******	-0.1111	0.0012	-0.2080	-0.3508
0.300	-0.1488	-0.1141	-0.0109	-0.1941	-0.3740
0.350	*******	-0.1223	-0.0253	-0.1855	-0.4063
0.400	-0.1812	-0.1263	-0.0395	-0.1744	-0.4647
0.450	-0.1988	-0.1366	-0.0354	-0.1721	-0.5184
0.500	-0.2165	-0.1434	-0.0684	-0.1709	-0.6037
0.525	*******	-0.1537	-0.0748	-0.1727	-0.6705
0.550	-0.2368	-0.1659	-0.0820	-0.1718	-0.6974
0.575	*******	-0.1743	-0.0844	-0.1757	-0.7151
0.600	-0.2591	-0.1851	-0.1046	-0.1805	-0.6896
0.625	*******	*******	-0.1101	-0.1814	-0.6395
0.650	-0.2807	-0.2020	-0.1218	-0.1921	-0.5692
0.675	*******	-0.2258	-0.1394	-0.2056	-0.4988
0.700	-0.3010	-0.2486	-0.1563	-0.2172	-0.4375
0.725	*******	-0.2734	*******	-0.2326	-0.3684
0.750	-0.3177	-0.3017	*******	-0.2507	-0.2789
0.775	*******	-0.3319	-0.2307	-0.2666	-0.2035
0.800	-0.3321	-0.3644	-0.2663	-0.2904	*******
0.825	*******	-0.3964	-0.3092	-0.3013	-0.2153
0.850	-0.3461	-0.4299	-0.3625	-0.3426	-0.2302
0.875	*******	-0.4631	-0.4210	-0.3990	-0.2743
0.900	-0.3595	-0.4994	-0.4882	-0.4805	-0.4906
0.925	*******	-0.5419	-0.5561	-0.5695	-0.5649
0.950	-0.3829	-0.5729	-0.6304	-0.6698	-0.7503
0.975	*******	-0.6580	-0.7102	-0.7516	-0.8164
1.000	-0.3560	-0.7823	-0.8206	-1.1163	-0.9823
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1247	0.1306	0.1824	*******	-0.6077
-0.400	0.1175	0.1362	0.1500	-0.0063	-0.7246
-0.600	0.1294	0.1343	0.1414	0.0284	-0.7068
-0.700	0.1488	0.1324	0.1381	0.0421	-0.6805
-0.800	0.1814	*******	0.1394	0.0628	-0.6168
-0.850	*******	0.1694	0.1472	0.0707	-0.6187
-0.900	*******	0.1998	0.1716	0.0943	-0.6081
-0.950	0.2454	0.2259	0.2104	0.1441	-0.2232
-0.975	*******	0.2157	0.2061	0.1614	-0.0636
-1.000	-0.3724	-0.6821	-0.9742	-1.0207	-0.8585

Surface Pressures



Medium Radius L.E.

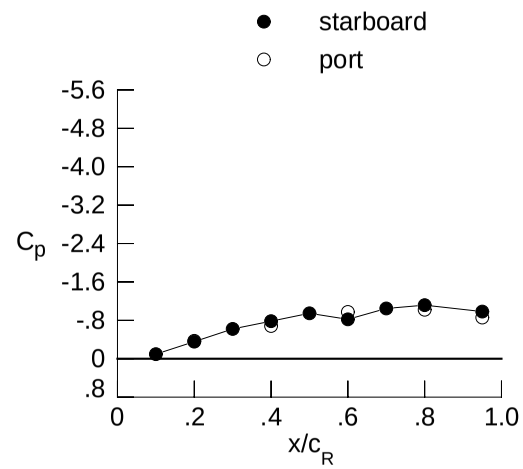
Run No. = 13 , Point No. = 270

C_N = 0.290, C_m = -0.0583

α = 6.9 °, M_∞ = 0.851

$R_{mac} = 48.4 \times 10^6$

Leading Edge Pressures

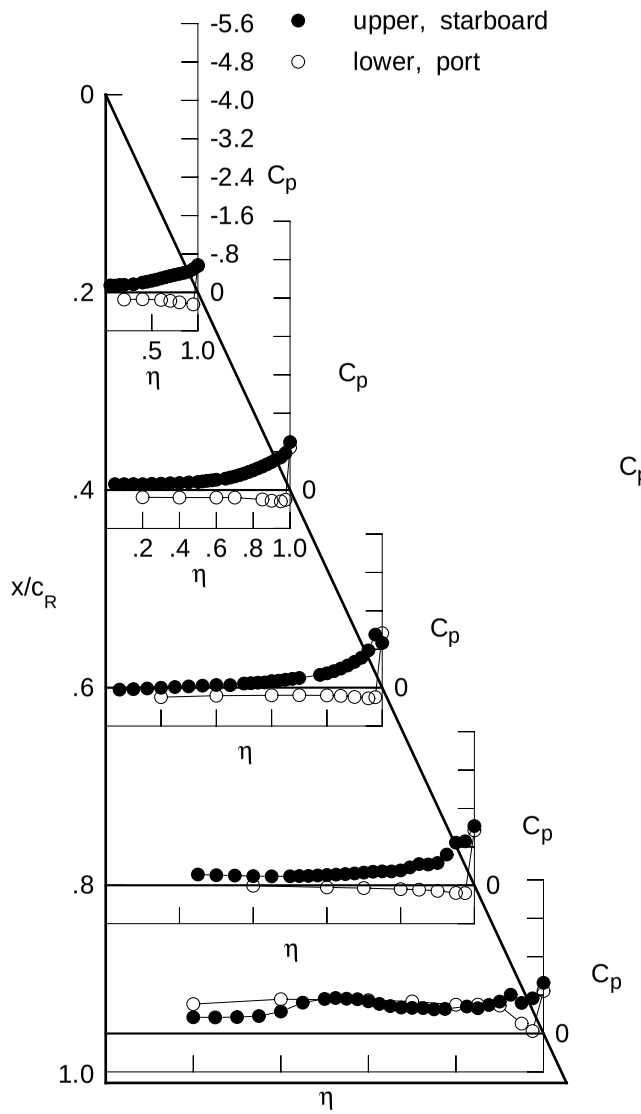


x/c_R	starb'd C_p	port C_p
0.10	-0.0953	*******
0.20	-0.3560	-0.3724
0.30	-0.6205	*******
0.40	-0.7823	-0.6821
0.50	-0.9468	*******
0.60	-0.8206	-0.9742
0.70	-1.0470	*******
0.80	-1.1163	-1.0207
0.90	-0.0969	*******
0.95	-0.9823	-0.8585

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	-0.1457	-0.1222	0.0412	*******	*******
0.100	-0.1424	-0.1217	0.0310	*******	*******
0.150	-0.1533	-0.1239	0.0174	*******	*******
0.200	-0.1573	-0.1215	0.0026	*******	-0.3384
0.250	*******	-0.1296	-0.0131	-0.2247	-0.3353
0.300	-0.1689	-0.1336	-0.0253	-0.2105	-0.3425
0.350	*******	-0.1418	-0.0406	-0.2026	-0.3629
0.400	-0.2044	-0.1466	-0.0555	-0.1909	-0.4576
0.450	-0.2236	-0.1581	-0.0524	-0.1868	-0.6432
0.500	-0.2432	-0.1669	-0.0858	-0.1869	-0.7201
0.525	*******	-0.1787	-0.0934	-0.1920	-0.7400
0.550	-0.2659	-0.1924	-0.1031	-0.1956	-0.7251
0.575	*******	-0.2014	-0.1081	-0.2038	-0.7141
0.600	-0.2913	-0.2150	-0.1356	-0.2148	-0.6706
0.625	*******	*******	-0.1449	-0.2222	-0.6170
0.650	-0.3169	-0.2368	-0.1644	-0.2337	-0.5711
0.675	*******	-0.2606	-0.1831	-0.2465	-0.5408
0.700	-0.3418	-0.2835	-0.2012	-0.2645	-0.5345
0.725	*******	-0.3110	*******	-0.2824	-0.5306
0.750	-0.3657	-0.3407	*******	-0.2896	-0.5030
0.775	*******	-0.3757	-0.2657	-0.2890	-0.5119
0.800	-0.3867	-0.4114	-0.2980	-0.3093	*******
0.825	*******	-0.4509	-0.3423	-0.3728	-0.5623
0.850	-0.4083	-0.4905	-0.3967	-0.4416	-0.5263
0.875	*******	-0.5354	-0.4620	-0.4332	-0.5946
0.900	-0.4325	-0.5817	-0.5369	-0.4640	-0.6650
0.925	*******	-0.6373	-0.6232	-0.6397	-0.8083
0.950	-0.4854	-0.6813	-0.7758	-0.8880	-0.6378
0.975	*******	-0.7683	-1.1052	-0.9164	-0.7319
1.000	-0.5493	-0.9981	-0.9315	-1.2345	-1.0560
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1485	0.1508	0.1986	*******	-0.6129
-0.400	0.1422	0.1571	0.1677	0.0095	-0.7142
-0.600	0.1567	0.1569	0.1598	0.0440	-0.6947
-0.700	0.1764	0.1577	0.1579	0.0587	-0.6679
-0.800	0.2083	*******	0.1627	0.0808	-0.6002
-0.850	*******	0.1965	0.1712	0.0913	-0.6014
-0.900	*******	0.2231	0.1946	0.1160	-0.5818
-0.950	0.2503	0.2360	0.2227	0.1596	-0.2070
-0.975	*******	0.2043	0.1995	0.1624	-0.0509
-1.000	-0.5709	-0.8841	-1.1336	-1.1437	-0.8855

Surface Pressures



Medium Radius L.E.

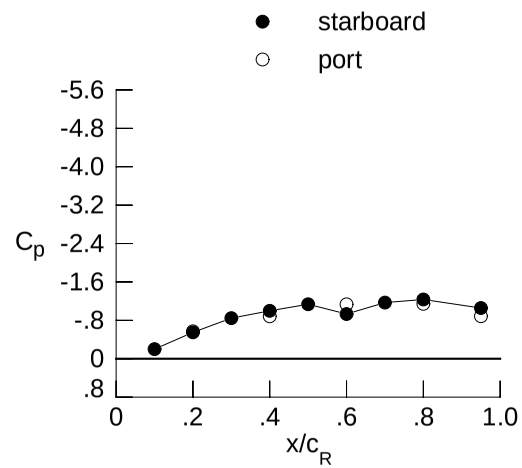
Run No. = 13 , Point No. = 271

C_N = 0.343, C_m = -0.0704

α = 8.0 °, M_∞ = 0.850

R_{mac} = 48.5×10^6

Leading Edge Pressures

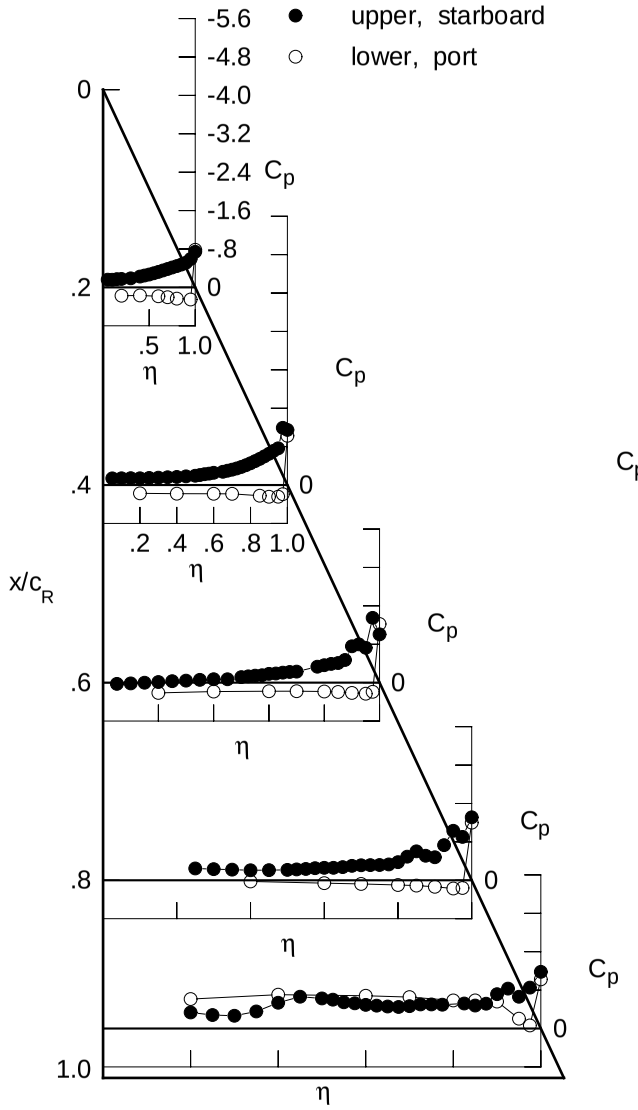


x/c_R	starb'd C_p	port C_p
0.10	-0.2001	*******
0.20	-0.5493	-0.5709
0.30	-0.8452	*******
0.40	-0.9981	-0.8841
0.50	-1.1352	*******
0.60	-0.9315	-1.1336
0.70	-1.1693	*******
0.80	-1.2345	-1.1437
0.90	-0.1209	*******
0.95	-1.0560	-0.8855

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	-0.1609	-0.1391	0.0257	*******	*******
0.100	-0.1593	-0.1405	0.0161	*******	*******
0.150	-0.1719	-0.1429	0.0012	*******	*******
0.200	-0.1761	-0.1406	-0.0129	*******	-0.3345
0.250	*******	-0.1483	-0.0307	-0.2465	-0.2807
0.300	-0.1892	-0.1535	-0.0418	-0.2319	-0.2659
0.350	*******	-0.1620	-0.0583	-0.2214	-0.3548
0.400	-0.2260	-0.1687	-0.0708	-0.2089	-0.5369
0.450	-0.2473	-0.1805	-0.0703	-0.2115	-0.6624
0.500	-0.2682	-0.1934	-0.1149	-0.2171	-0.6263
0.525	*******	-0.2077	-0.1312	-0.2261	-0.6008
0.550	-0.2944	-0.2258	-0.1459	-0.2358	-0.5463
0.575	*******	-0.2377	-0.1545	-0.2519	-0.5249
0.600	-0.3226	-0.2551	-0.1829	-0.2597	-0.4926
0.625	*******	*******	-0.1904	-0.2600	-0.4757
0.650	-0.3526	-0.2761	-0.2081	-0.2743	-0.4585
0.675	*******	-0.2987	-0.2224	-0.3009	-0.4490
0.700	-0.3833	-0.3202	-0.2294	-0.3125	-0.4658
0.725	*******	-0.3460	*******	-0.3162	-0.5012
0.750	-0.4146	-0.3764	*******	-0.3185	-0.5016
0.775	*******	-0.4131	-0.3321	-0.3305	-0.4957
0.800	-0.4438	-0.4538	-0.3628	-0.3773	*******
0.825	*******	-0.4988	-0.3907	-0.4917	-0.5206
0.850	-0.4760	-0.5448	-0.4089	-0.6030	-0.4788
0.875	*******	-0.5964	-0.4719	-0.5116	-0.5166
0.900	-0.5150	-0.6510	-0.7577	-0.4803	-0.7149
0.925	*******	-0.7117	-0.7973	-0.7322	-0.8314
0.950	-0.5924	-0.7652	-0.7266	-1.0315	-0.6613
0.975	*******	-1.1917	-1.3496	-0.9041	-0.8523
1.000	-0.7414	-1.1492	-1.0063	-1.3119	-1.1812
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1736	0.1730	0.2137	*******	-0.6132
-0.400	0.1684	0.1802	0.1860	0.0243	-0.7048
-0.600	0.1848	0.1819	0.1789	0.0596	-0.6826
-0.700	0.2044	0.1835	0.1782	0.0761	-0.6545
-0.800	0.2340	*******	0.1845	0.0982	-0.5851
-0.850	*******	0.2223	0.1941	0.1103	-0.5856
-0.900	*******	0.2441	0.2145	0.1353	-0.5615
-0.950	0.2517	0.2436	0.2304	0.1713	-0.2045
-0.975	*******	0.1906	0.1906	0.1603	-0.0637
-1.000	-0.7835	-1.0261	-1.2219	-1.2007	-1.0240

Surface Pressures



Medium Radius L.E.

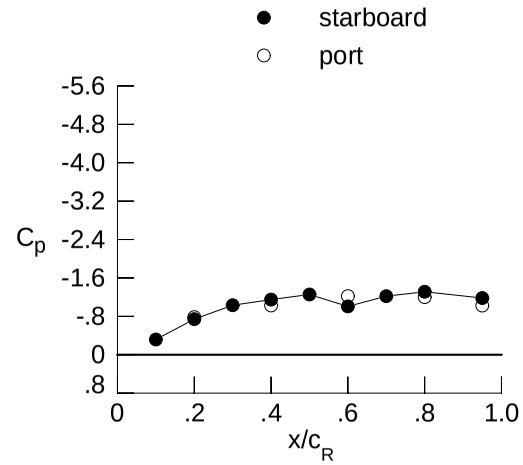
Run No. = 13 , Point No. = 272

C_N = 0.399, C_m = -0.0819

α = 9.0 °, M_∞ = 0.851

R_{mac} = 48.0×10^6

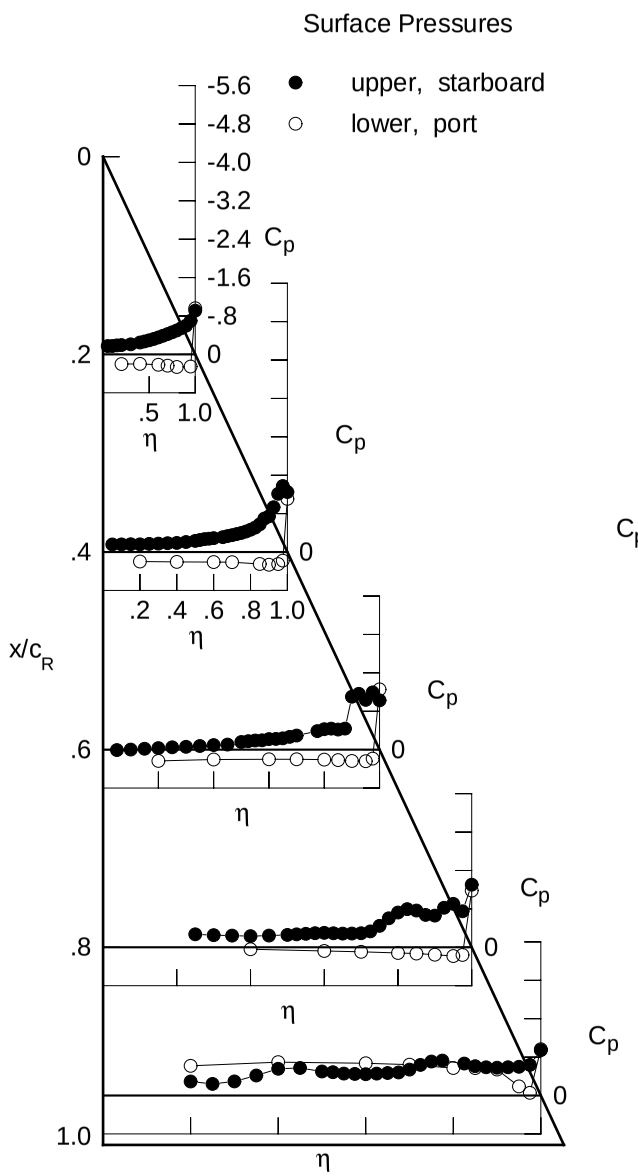
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.3166	*******
0.20	-0.7414	-0.7835
0.30	-1.0309	*******
0.40	-1.1492	-1.0261
0.50	-1.2549	*******
0.60	-1.0063	-1.2219
0.70	-1.2198	*******
0.80	-1.3119	-1.2007
0.90	-0.1326	*******
0.95	-1.1812	-1.0240

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	-0.1733	-0.1578	0.0089	*******	*******
0.100	-0.1742	-0.1595	-0.0017	*******	*******
0.150	-0.1879	-0.1626	-0.0180	*******	*******
0.200	-0.1946	-0.1604	-0.0322	*******	-0.2918
0.250	*******	-0.1695	-0.0491	-0.2701	-0.2413
0.300	-0.2094	-0.1749	-0.0595	-0.2530	-0.2938
0.350	*******	-0.1840	-0.0757	-0.2432	-0.4165
0.400	-0.2470	-0.1895	-0.0952	-0.2321	-0.5565
0.450	-0.2694	-0.2090	-0.1054	-0.2441	-0.5737
0.500	-0.2934	-0.2323	-0.1589	-0.2580	-0.4997
0.525	*******	-0.2505	-0.1771	-0.2699	-0.4853
0.550	-0.3212	-0.2687	-0.1906	-0.2807	-0.4571
0.575	*******	-0.2777	-0.1944	-0.2934	-0.4498
0.600	-0.3537	-0.2900	-0.2204	-0.3006	-0.4437
0.625	*******	*******	-0.2230	-0.2923	-0.4561
0.650	-0.3881	-0.3092	-0.2361	-0.2851	-0.4689
0.675	*******	-0.3321	-0.2667	-0.2867	-0.4797
0.700	-0.4235	-0.3512	-0.2937	-0.2926	-0.5398
0.725	*******	-0.3745	*******	-0.3313	-0.6372
0.750	-0.4604	-0.3972	*******	-0.4463	-0.7084
0.775	*******	-0.4270	-0.3862	-0.6040	-0.7280
0.800	-0.4983	-0.4646	-0.4254	-0.7237	*******
0.825	*******	-0.5091	-0.4376	-0.7947	-0.6654
0.850	-0.5473	-0.5770	-0.4188	-0.7659	-0.6106
0.875	*******	-0.6975	-0.4387	-0.6744	-0.5878
0.900	-0.5973	-0.7434	-1.1021	-0.6599	-0.5791
0.925	*******	-0.9336	-1.1629	-0.8234	-0.5886
0.950	-0.7003	-1.2133	-1.0370	-0.9044	-0.5985
0.975	*******	-1.3752	-1.1925	-0.7508	-0.6377
1.000	-0.9109	-1.2494	-1.0268	-1.3039	-0.9445
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2014	0.1975	0.2351	*******	-0.6183
-0.400	0.1979	0.2059	0.2055	0.0409	-0.6948
-0.600	0.2163	0.2090	0.2009	0.0768	-0.6718
-0.700	0.2354	0.2115	0.2006	0.0942	-0.6428
-0.800	0.2621	*******	0.2083	0.1185	-0.5725
-0.850	*******	0.2491	0.2177	0.1306	-0.5708
-0.900	*******	0.2647	0.2358	0.1548	-0.5405
-0.950	0.2528	0.2506	0.2404	0.1823	-0.1898
-0.975	*******	0.1784	0.1864	0.1594	-0.0556
-1.000	-0.9612	-1.1078	-1.2554	-1.1820	-0.9639



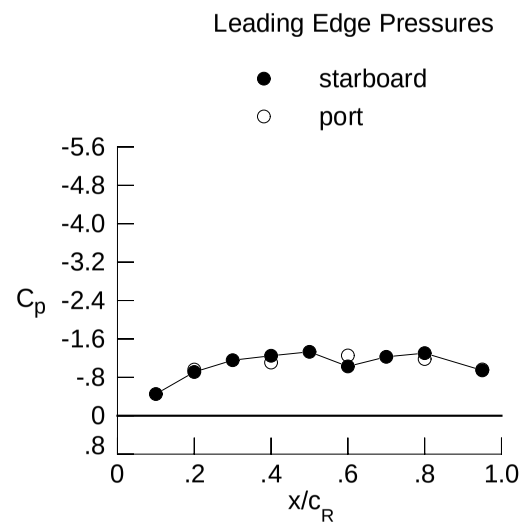
Medium Radius L.E.

Run No. = 13 , Point No. = 273

C_N = 0.452, C_m = -0.0902

α = 10.1 °, M_∞ = 0.851

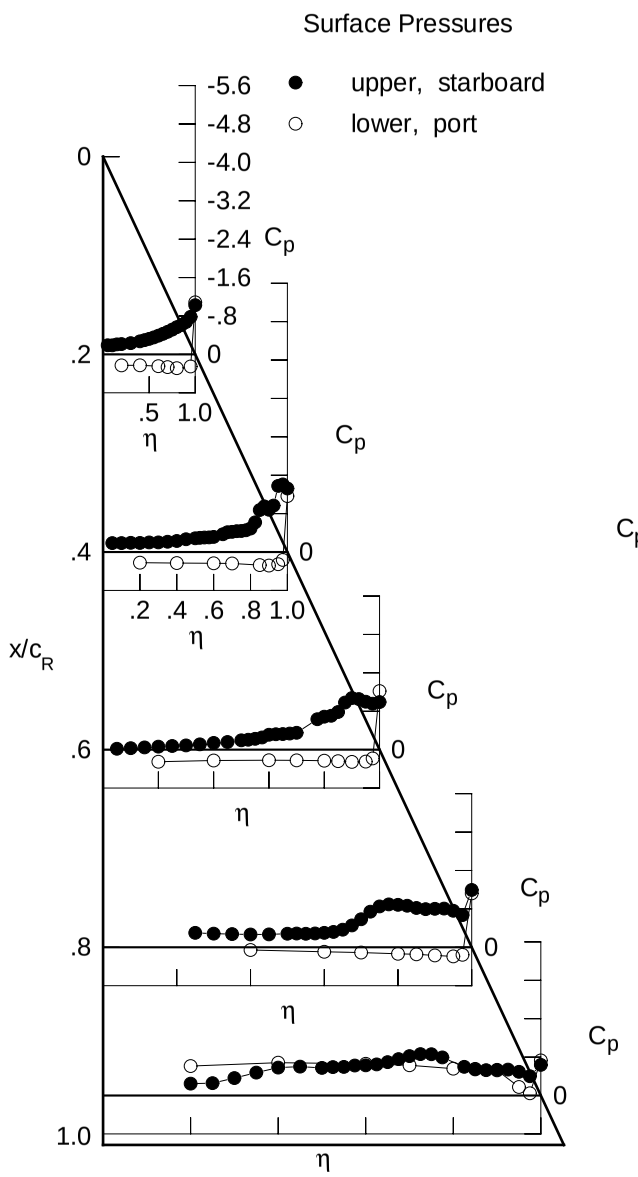
R_{mac} = 47.8×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.4520	*******
0.20	-0.9109	-0.9612
0.30	-1.1565	*******
0.40	-1.2494	-1.1078
0.50	-1.3316	*******
0.60	-1.0268	-1.2554
0.70	-1.2272	*******
0.80	-1.3039	-1.1820
0.90	-0.1337	*******
0.95	-0.9445	-0.9639

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	-0.1901	-0.1860	-0.0181	*******	*******
0.100	-0.1887	-0.1864	-0.0304	*******	*******
0.150	-0.2091	-0.1921	-0.0466	*******	*******
0.200	-0.2152	-0.1893	-0.0620	*******	-0.2468
0.250	*******	-0.2000	-0.0758	-0.3006	-0.2574
0.300	-0.2341	-0.2009	-0.0883	-0.2836	-0.3635
0.350	*******	-0.2147	-0.1108	-0.2751	-0.4765
0.400	-0.2717	-0.2306	-0.1401	-0.2666	-0.5816
0.450	-0.2968	-0.2667	-0.1592	-0.2687	-0.6016
0.500	-0.3229	-0.2865	-0.1943	-0.2825	-0.5750
0.525	*******	-0.2958	-0.2065	-0.2861	-0.5916
0.550	-0.3539	-0.3021	-0.2258	-0.2818	-0.5958
0.575	*******	-0.3050	-0.2532	-0.2879	-0.6247
0.600	-0.3893	-0.3155	-0.3101	-0.3007	-0.6286
0.625	*******	*******	-0.3206	-0.3200	-0.6480
0.650	-0.4276	-0.3703	-0.3248	-0.3667	-0.6948
0.675	*******	-0.4130	-0.3348	-0.4550	-0.7583
0.700	-0.4697	-0.4206	-0.3511	-0.5841	-0.8208
0.725	*******	-0.4342	*******	-0.7419	-0.8624
0.750	-0.5158	-0.4381	*******	-0.8511	-0.8604
0.775	*******	-0.4537	-0.6335	-0.8933	-0.7934
0.800	-0.5669	-0.4894	-0.6862	-0.8846	*******
0.825	*******	-0.6185	-0.7059	-0.8656	-0.5973
0.850	-0.6118	-0.8748	-0.7842	-0.8192	-0.5438
0.875	*******	-0.9515	-0.9811	-0.7943	-0.5276
0.900	-0.6736	-0.8804	-1.0755	-0.8014	-0.5354
0.925	*******	-0.9681	-1.0536	-0.8066	-0.5401
0.950	-0.7827	-1.3773	-0.9985	-0.7610	-0.4933
0.975	*******	-1.4087	-0.9570	-0.6714	-0.4018
1.000	-1.0247	-1.3243	-0.9913	-1.1941	-0.6386
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2289	0.2215	0.2520	*******	-0.6136
-0.400	0.2268	0.2299	0.2262	0.0566	-0.6838
-0.600	0.2457	0.2345	0.2205	0.0938	-0.6609
-0.700	0.2644	0.2380	0.2231	0.1100	-0.6301
-0.800	0.2872	*******	0.2304	0.1355	-0.5592
-0.850	*******	0.2720	0.2396	0.1463	-0.5555
-0.900	*******	0.2820	0.2551	0.1699	-0.5237
-0.950	0.2510	0.2535	0.2487	0.1896	-0.1780
-0.975	*******	0.1640	0.1822	0.1561	-0.0466
-1.000	-1.0849	-1.1653	-1.2198	-1.1234	-0.7310



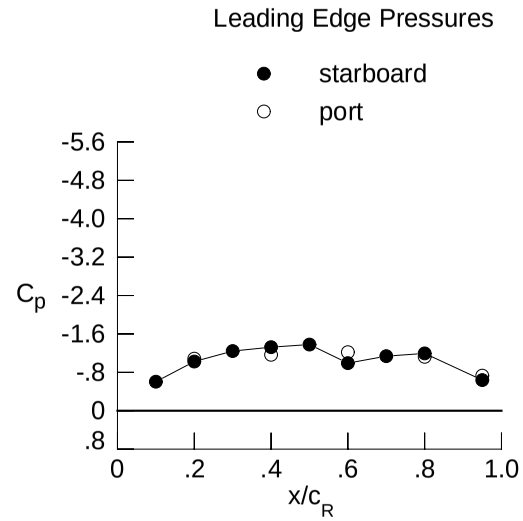
Medium Radius L.E.

Run No. = 13 , Point No. = 274

C_N = 0.520, C_m = -0.1044

α = 11.1 °, M_∞ = 0.851

R_{mac} = 48.0×10^6

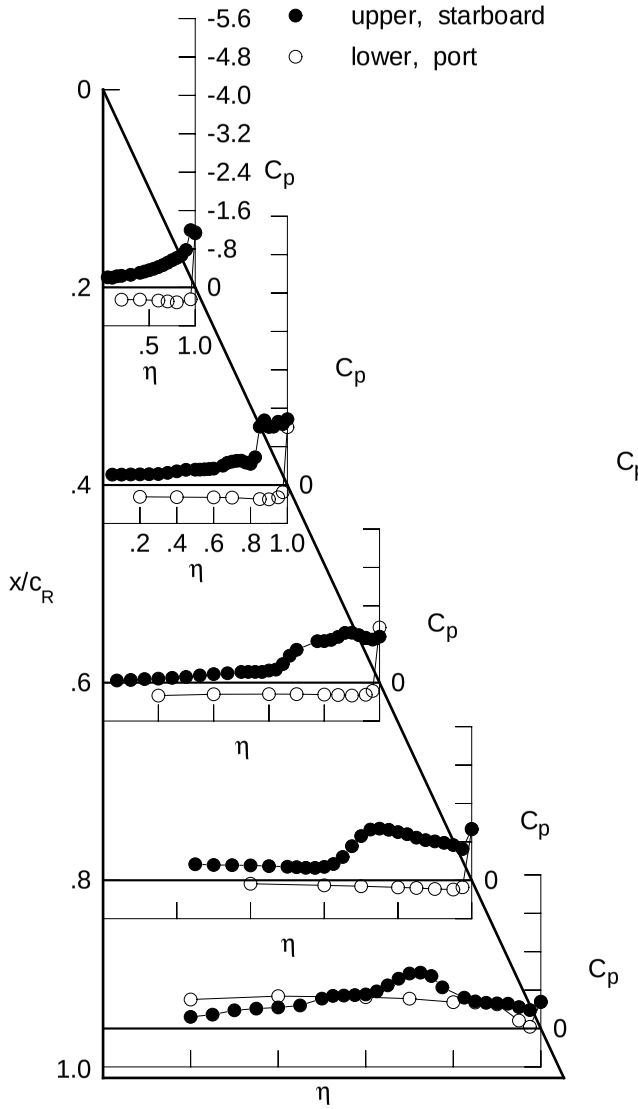


x/c_R	starb'd C_p	port C_p
0.10	-0.6046	*******
0.20	-1.0247	-1.0849
0.30	-1.2428	*******
0.40	-1.3243	-1.1653
0.50	-1.3788	*******
0.60	-0.9913	-1.2198
0.70	-1.1371	*******
0.80	-1.1941	-1.1234
0.90	-0.1281	*******
0.95	-0.6386	-0.7310

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	-0.2096	-0.2166	-0.0450	*******	*******
0.100	-0.2013	-0.2164	-0.0558	*******	*******
0.150	-0.2320	-0.2200	-0.0742	*******	*******
0.200	-0.2407	-0.2227	-0.0836	*******	-0.2427
0.250	*******	-0.2257	-0.1003	-0.3336	-0.2886
0.300	-0.2621	-0.2296	-0.1182	-0.3189	-0.3795
0.350	*******	-0.2532	-0.1500	-0.3152	-0.4147
0.400	-0.3038	-0.2852	-0.1779	-0.3092	-0.4382
0.450	-0.3297	-0.3176	-0.1959	-0.2950	-0.4801
0.500	-0.3575	-0.3204	-0.2224	-0.2827	-0.6225
0.525	*******	-0.3217	-0.2233	-0.2739	-0.6800
0.550	-0.3881	-0.3274	-0.2241	-0.2599	-0.6862
0.575	*******	-0.3327	-0.2226	-0.2587	-0.6963
0.600	-0.4236	-0.3428	-0.2528	-0.2791	-0.7096
0.625	*******	*******	-0.2708	-0.3395	-0.7740
0.650	-0.4649	-0.4030	-0.3863	-0.4855	-0.8992
0.675	*******	-0.4631	-0.5604	-0.7101	-1.0378
0.700	-0.5144	-0.4876	-0.6848	-0.9210	-1.1456
0.725	*******	-0.5050	*******	-1.0565	-1.1637
0.750	-0.5680	-0.5069	*******	-1.0759	-1.0933
0.775	*******	-0.4670	-0.8633	-1.0523	-0.8579
0.800	-0.6135	-0.4416	-0.8655	-1.0040	*******
0.825	*******	-0.5796	-0.8912	-0.9601	-0.6423
0.850	-0.6691	-1.2154	-0.9534	-0.8883	-0.5648
0.875	*******	-1.3483	-1.0369	-0.8361	-0.5359
0.900	-0.7797	-1.2105	-1.0402	-0.8104	-0.5234
0.925	*******	-1.2160	-0.9894	-0.7803	-0.5164
0.950	-1.1926	-1.3184	-0.9354	-0.7343	-0.4460
0.975	*******	-1.2693	-0.8971	-0.6511	-0.3844
1.000	-1.1273	-1.3721	-0.9575	-1.0712	-0.5523
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2559	0.2455	0.2693	*******	-0.6044
-0.400	0.2548	0.2521	0.2426	0.0722	-0.6745
-0.600	0.2745	0.2571	0.2390	0.1059	-0.6524
-0.700	0.2921	0.2619	0.2402	0.1237	-0.6213
-0.800	0.3115	*******	0.2487	0.1479	-0.5487
-0.850	*******	0.2929	0.2574	0.1602	-0.5416
-0.900	*******	0.2978	0.2692	0.1813	-0.5029
-0.950	0.2478	0.2560	0.2516	0.1928	-0.1654
-0.975	*******	0.1488	0.1720	0.1459	-0.0361
-1.000	-1.1485	-1.2054	-1.1487	-1.0606	-0.5584

Surface Pressures



Medium Radius L.E.

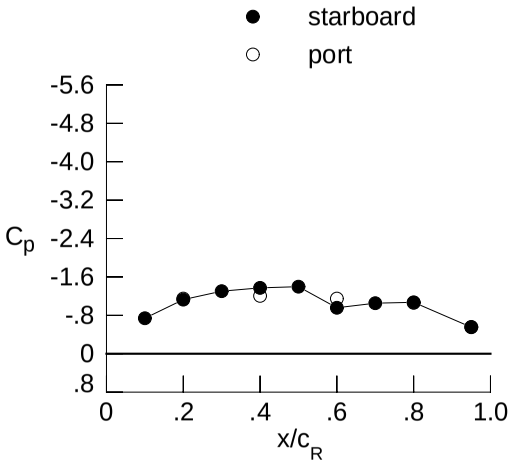
Run No. = 13 , Point No. = 275

C_N = 0.582, C_m = -0.1156

α = 12.2 °, M_∞ = 0.851

R_{mac} = 48.2×10^6

Leading Edge Pressures

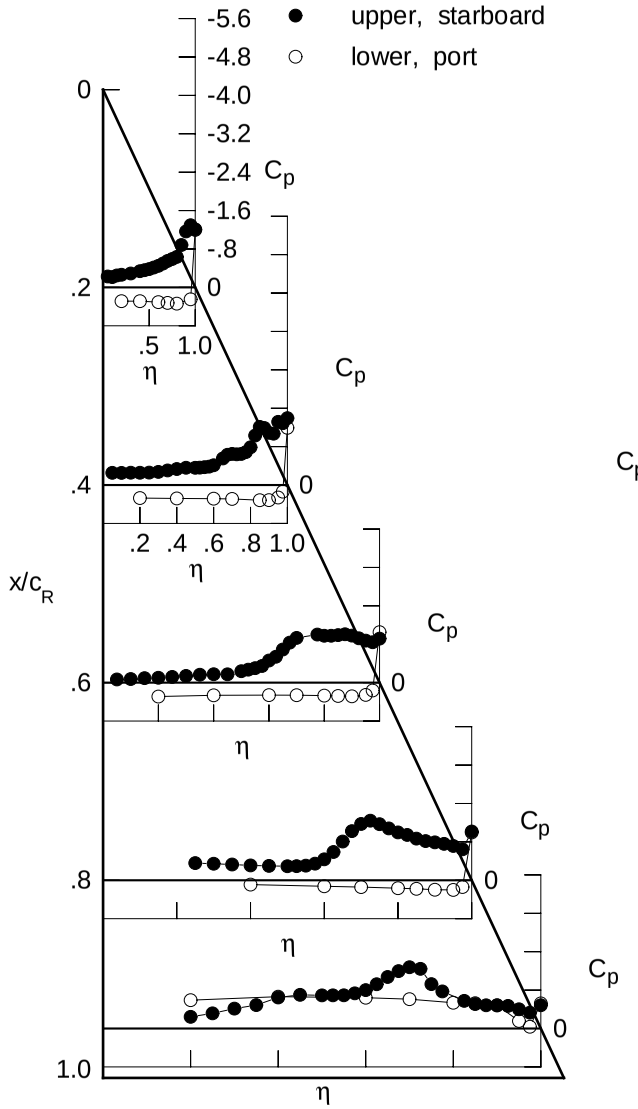


x/c_R	starb'd C_p	port C_p
0.10	-0.7392	*******
0.20	-1.1273	-1.1485
0.30	-1.3030	*******
0.40	-1.3721	-1.2054
0.50	-1.3971	*******
0.60	-0.9575	-1.1487
0.70	-1.0531	*******
0.80	-1.0712	-1.0606
0.90	-0.1150	*******
0.95	-0.5523	-0.5584

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	-0.2275	-0.2541	-0.0662	*******	*******
0.100	-0.2142	-0.2531	-0.0754	*******	*******
0.150	-0.2492	-0.2571	-0.0936	*******	*******
0.200	-0.2636	-0.2557	-0.1016	*******	-0.2435
0.250	*******	-0.2589	-0.1196	-0.3582	-0.3156
0.300	-0.2893	-0.2735	-0.1402	-0.3444	-0.4143
0.350	*******	-0.3037	-0.1644	-0.3287	-0.4877
0.400	-0.3375	-0.3332	-0.1752	-0.3096	-0.6467
0.450	-0.3585	-0.3603	-0.1734	-0.2998	-0.7017
0.500	-0.3818	-0.3592	-0.2381	-0.2929	-0.6904
0.525	*******	-0.3622	-0.2707	-0.2946	-0.6909
0.550	-0.4134	-0.3718	-0.3020	-0.3045	-0.6922
0.575	*******	-0.3831	-0.3472	-0.3464	-0.7332
0.600	-0.4492	-0.4119	-0.4609	-0.4370	-0.8001
0.625	*******	*******	-0.5394	-0.5899	-0.9226
0.650	-0.4967	-0.5533	-0.6893	-0.8068	-1.0735
0.675	*******	-0.6300	-0.8335	-1.0239	-1.1961
0.700	-0.5515	-0.6490	-0.9320	-1.1733	-1.2767
0.725	*******	-0.6397	*******	-1.2413	-1.2431
0.750	-0.5910	-0.6480	*******	-1.1691	-0.9246
0.775	*******	-0.6863	-1.0015	-1.0807	-0.7730
0.800	-0.6348	-0.7864	-0.9769	-0.9976	*******
0.825	*******	-1.0311	-0.9765	-0.9451	-0.5762
0.850	-0.8830	-1.2110	-0.9900	-0.8677	-0.5098
0.875	*******	-1.1879	-1.0080	-0.8167	-0.4844
0.900	-1.1656	-1.0884	-0.9802	-0.7903	-0.4798
0.925	*******	-1.0697	-0.9239	-0.7590	-0.4710
0.950	-1.2948	-1.3164	-0.8753	-0.7154	-0.4007
0.975	*******	-1.2877	-0.8417	-0.6458	-0.3308
1.000	-1.2086	-1.3940	-0.9171	-1.0157	-0.4847
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2871	0.2716	0.2894	*******	-0.5905
-0.400	0.2870	0.2795	0.2636	0.0899	-0.6633
-0.600	0.3075	0.2843	0.2600	0.1248	-0.6419
-0.700	0.3235	0.2896	0.2616	0.1417	-0.6111
-0.800	0.3383	*******	0.2700	0.1652	-0.5370
-0.850	*******	0.3159	0.2776	0.1776	-0.5276
-0.900	*******	0.3148	0.2845	0.1966	-0.4855
-0.950	0.2476	0.2597	0.2552	0.2005	-0.1569
-0.975	*******	0.1378	0.1628	0.1401	-0.0371
-1.000	-1.1979	-1.1917	-1.0515	-0.9966	-0.5232

Surface Pressures



Medium Radius L.E.

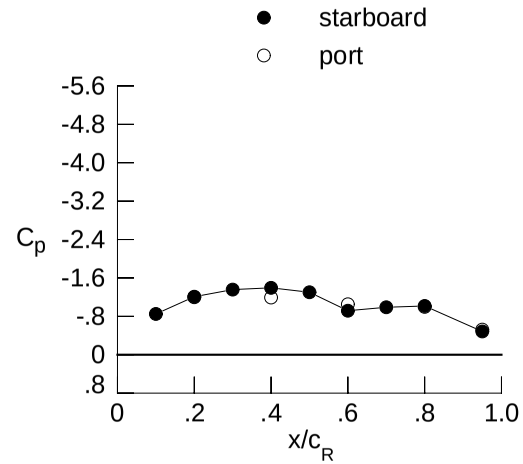
Run No. = 13 , Point No. = 276

C_N = 0.643, C_m = -0.1242

α = 13.2 °, M_∞ = 0.851

R_{mac} = 48.2×10^6

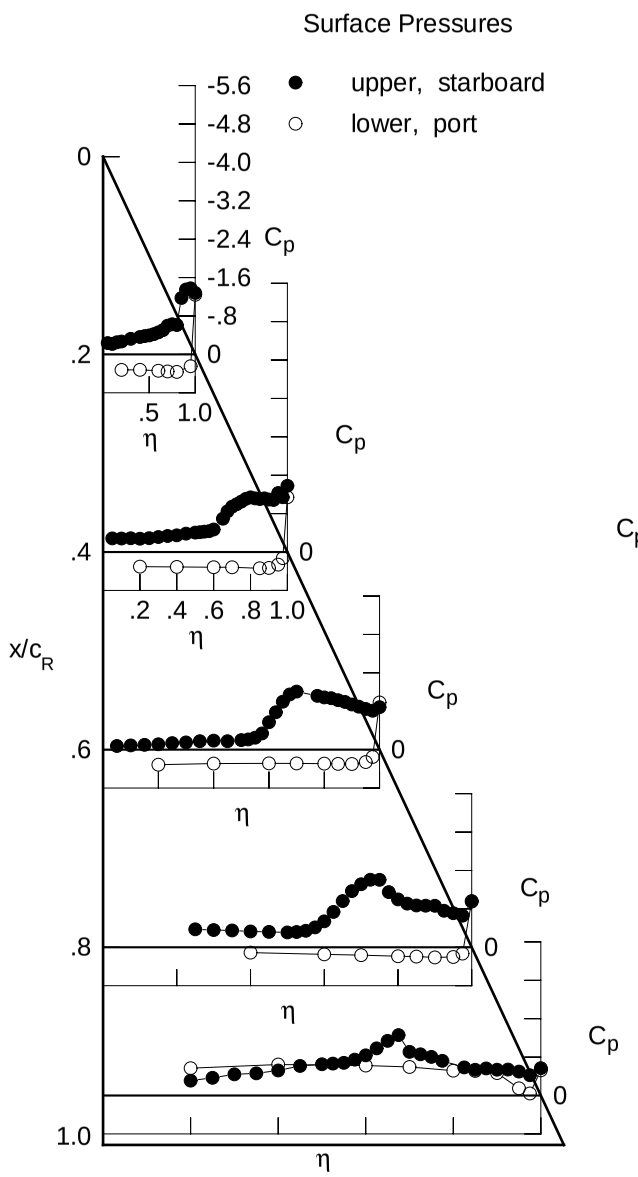
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-0.8493	*******
0.20	-1.2086	-1.1979
0.30	-1.3572	*******
0.40	-1.3940	-1.1917
0.50	-1.3016	*******
0.60	-0.9171	-1.0515
0.70	-0.9886	*******
0.80	-1.0157	-0.9966
0.90	-0.0994	*******
0.95	-0.4847	-0.5232

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	-0.2363	-0.2839	-0.0762	*******	*******
0.100	-0.2174	-0.2812	-0.0884	*******	*******
0.150	-0.2529	-0.2874	-0.1000	*******	*******
0.200	-0.2676	-0.2773	-0.1120	*******	-0.3100
0.250	*******	-0.2892	-0.1360	-0.3740	-0.3688
0.300	-0.3238	-0.3127	-0.1500	-0.3590	-0.4418
0.350	*******	-0.3344	-0.1759	-0.3502	-0.4619
0.400	-0.3626	-0.3481	-0.1881	-0.3297	-0.5213
0.450	-0.3806	-0.3831	-0.1760	-0.3206	-0.6161
0.500	-0.3955	-0.4046	-0.1988	-0.3097	-0.6513
0.525	*******	-0.4132	-0.2129	-0.3186	-0.6648
0.550	-0.4220	-0.4246	-0.2485	-0.3436	-0.6811
0.575	*******	-0.4347	-0.3379	-0.4142	-0.7474
0.600	-0.4595	-0.4695	-0.5708	-0.5410	-0.8372
0.625	*******	*******	-0.7792	-0.7370	-0.9822
0.650	-0.5047	-0.6941	-0.9984	-0.9634	-1.1386
0.675	*******	-0.8477	-1.1492	-1.1705	-1.2582
0.700	-0.5985	-0.9448	-1.2097	-1.3135	-0.9093
0.725	*******	-0.9956	*******	-1.4073	-0.8588
0.750	-0.6281	-1.0501	*******	-1.4053	-0.8040
0.775	*******	-1.1086	-1.1211	-1.1494	-0.7225
0.800	-0.6121	-1.1390	-1.0882	-0.9979	*******
0.825	*******	-1.1180	-1.0720	-0.9096	-0.5856
0.850	-1.1750	-1.1043	-1.0307	-0.8712	-0.5362
0.875	*******	-1.1180	-0.9940	-0.8662	-0.5639
0.900	-1.3521	-1.0940	-0.9409	-0.8647	-0.5378
0.925	*******	-1.0850	-0.8955	-0.7611	-0.5412
0.950	-1.3768	-1.2298	-0.8474	-0.7106	-0.4982
0.975	*******	-1.1417	-0.8105	-0.6582	-0.4227
1.000	-1.2803	-1.3795	-0.8844	-0.9532	-0.5693
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3235	0.3043	0.3137	*******	-0.5692
-0.400	0.3215	0.3104	0.2900	0.1112	-0.6455
-0.600	0.3405	0.3168	0.2858	0.1472	-0.6243
-0.700	0.3551	0.3173	0.2873	0.1638	-0.5947
-0.800	0.3646	*******	0.2914	0.1861	-0.5176
-0.850	*******	0.3387	0.2970	0.1937	-0.5123
-0.900	*******	0.3310	0.2992	0.2110	-0.4675
-0.950	0.2462	0.2628	0.2583	0.2027	-0.1495
-0.975	*******	0.1275	0.1531	0.1313	-0.0421
-1.000	-1.2421	-1.1411	-0.9822	-0.9622	-0.5246



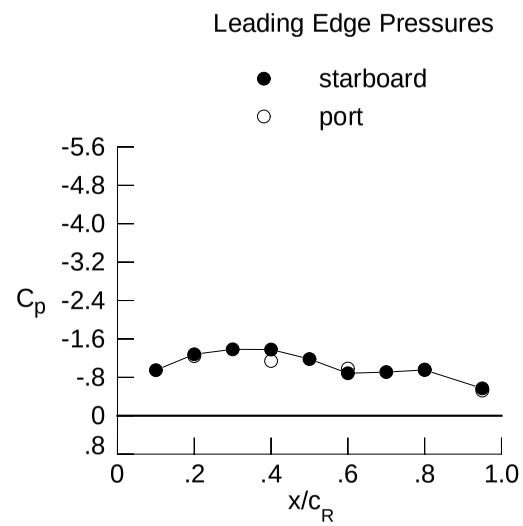
Medium Radius L.E.

Run No. = 13 , Point No. = 277

C_N = 0.702, C_m = -0.1314

α = 14.3 °, M_∞ = 0.851

R_{mac} = 48.3×10^6

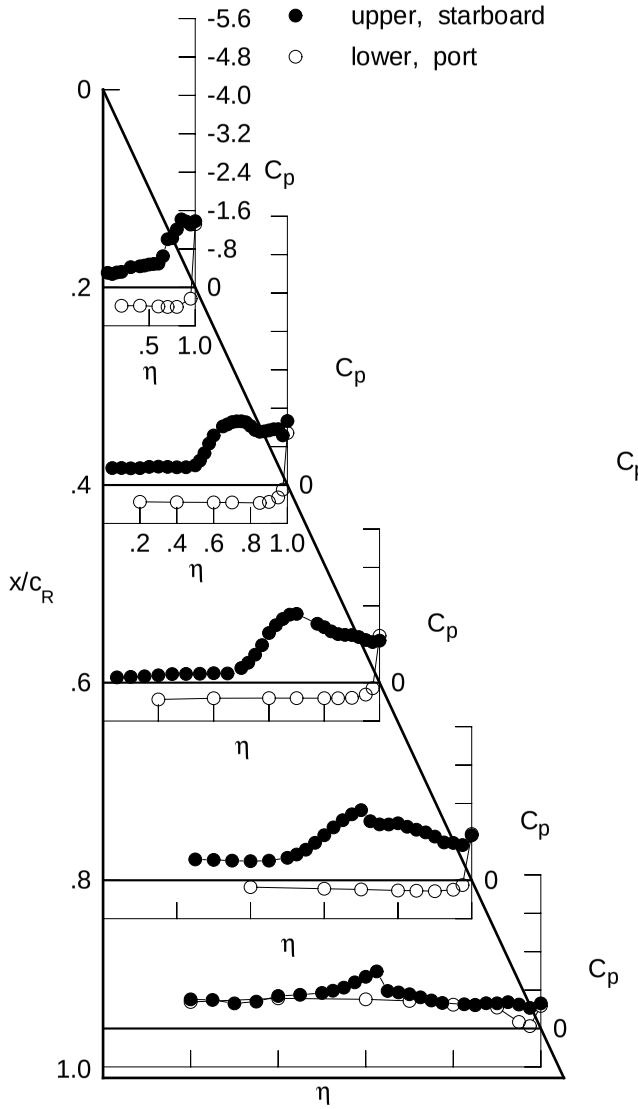


x/c_R	starb'd C_p	port C_p
0.10	-0.9485	*******
0.20	-1.2803	-1.2421
0.30	-1.3832	*******
0.40	-1.3795	-1.1411
0.50	-1.1810	*******
0.60	-0.8844	-0.9822
0.70	-0.9093	*******
0.80	-0.9532	-0.9622
0.90	-0.0749	*******
0.95	-0.5693	-0.5246

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	-0.3038	-0.3539	-0.1095	*******	*******
0.100	-0.2793	-0.3554	-0.1203	*******	*******
0.150	-0.3112	-0.3482	-0.1317	*******	*******
0.200	-0.3232	-0.3523	-0.1528	*******	-0.6074
0.250	*******	-0.3784	-0.1785	-0.4346	-0.5954
0.300	-0.4217	-0.3829	-0.1815	-0.4244	-0.5236
0.350	*******	-0.3787	-0.1858	-0.4094	-0.5603
0.400	-0.4390	-0.3698	-0.1968	-0.3981	-0.6776
0.450	-0.4544	-0.3702	-0.1912	-0.4090	-0.7025
0.500	-0.4769	-0.4098	-0.3042	-0.4681	-0.7410
0.525	*******	-0.5069	-0.4141	-0.5366	-0.7872
0.550	-0.4881	-0.6643	-0.5825	-0.6376	-0.8514
0.575	*******	-0.8634	-0.7813	-0.7808	-0.9619
0.600	-0.4946	-1.0320	-1.0337	-0.9382	-1.0779
0.625	*******	*******	-1.1959	-1.1014	-1.1895
0.650	-0.6500	-1.2209	-1.3254	-1.2513	-0.7821
0.675	*******	-1.2631	-1.4157	-1.3743	-0.7513
0.700	-1.0036	-1.3102	-1.4331	-1.4608	-0.7139
0.725	*******	-1.3275	*******	-1.2302	-0.6498
0.750	-1.0249	-1.3282	*******	-1.1639	-0.5839
0.775	*******	-1.3077	-1.2261	-1.1621	-0.5317
0.800	-1.2073	-1.2301	-1.1552	-1.1874	*******
0.825	*******	-1.1483	-1.0679	-1.1151	-0.5044
0.850	-1.4168	-1.1098	-1.0115	-1.0532	-0.4919
0.875	*******	-1.1174	-0.9955	-0.9979	-0.5261
0.900	-1.3734	-1.1386	-0.9918	-0.9108	-0.5250
0.925	*******	-1.1613	-0.9497	-0.7883	-0.5489
0.950	-1.3086	-1.1638	-0.8879	-0.7777	-0.4991
0.975	*******	-1.0347	-0.8455	-0.7333	-0.4294
1.000	-1.3790	-1.3336	-0.8750	-0.9374	-0.5229
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3834	0.3502	0.3505	*******	-0.5529
-0.400	0.3804	0.3583	0.3249	0.1424	-0.6285
-0.600	0.3979	0.3626	0.3222	0.1761	-0.6082
-0.700	0.4072	0.3635	0.3231	0.1912	-0.5748
-0.800	0.4067	*******	0.3241	0.2125	-0.4960
-0.850	*******	0.3732	0.3251	0.2175	-0.4858
-0.900	*******	0.3516	0.3168	0.2273	-0.4358
-0.950	0.2356	0.2587	0.2489	0.1969	-0.1358
-0.975	*******	0.0954	0.1160	0.0992	-0.0498
-1.000	-1.3168	-1.0845	-0.9748	-0.9634	-0.4703

Surface Pressures



Medium Radius L.E.

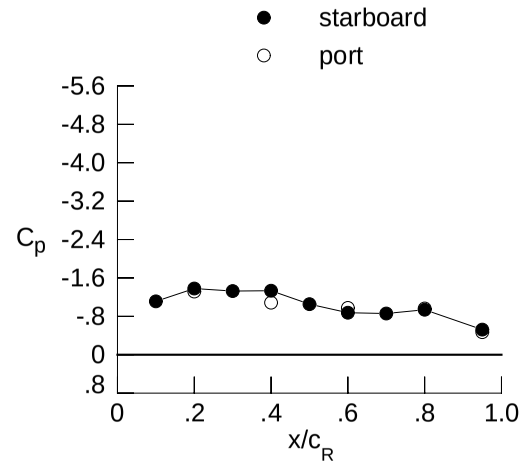
Run No. = 13 , Point No. = 278

C_N = 0.814, C_m = -0.1454

α = 16.4 °, M_∞ = 0.851

R_{mac} = 48.4×10^6

Leading Edge Pressures

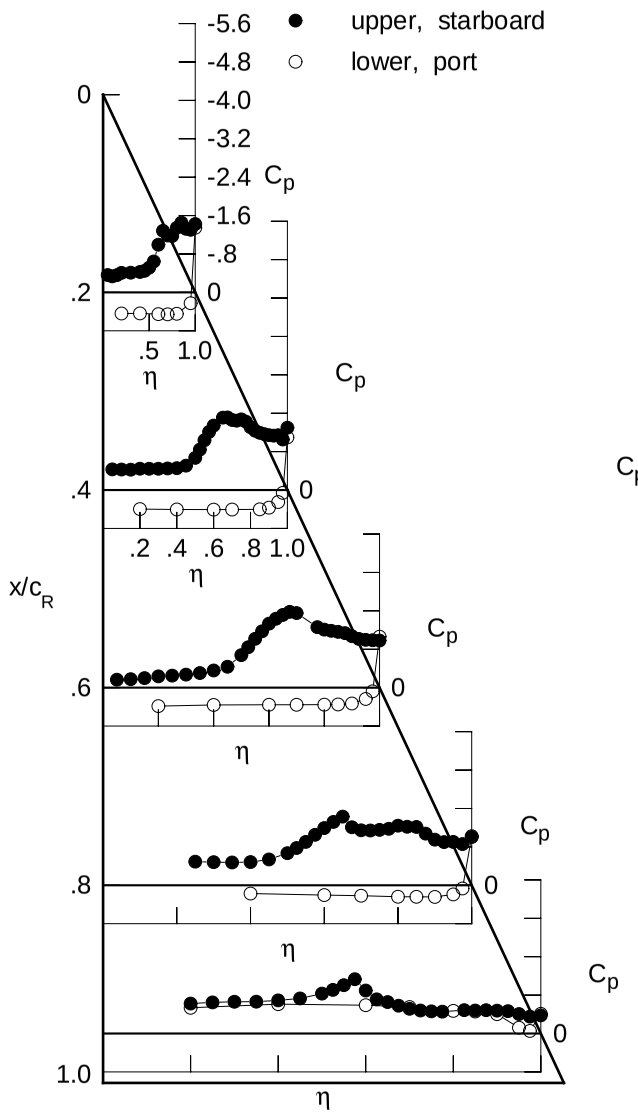


x/c_R	starb'd Cp	port Cp
0.10	-1.1122	*******
0.20	-1.3790	-1.3168
0.30	-1.3266	*******
0.40	-1.3336	-1.0845
0.50	-1.0539	*******
0.60	-0.8750	-0.9748
0.70	-0.8586	*******
0.80	-0.9374	-0.9634
0.90	-0.0459	*******
0.95	-0.5229	-0.4703

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	-0.3615	-0.4301	-0.1656	*******	*******
0.100	-0.3332	-0.4271	-0.1763	*******	*******
0.150	-0.3593	-0.4243	-0.1986	*******	*******
0.200	-0.4071	-0.4438	-0.2349	*******	-0.6243
0.250	*******	-0.4435	-0.2508	-0.4922	-0.6479
0.300	-0.4104	-0.4431	-0.2709	-0.4819	-0.6615
0.350	*******	-0.4493	-0.3041	-0.4754	-0.6630
0.400	-0.4254	-0.4555	-0.3578	-0.4836	-0.6905
0.450	-0.4487	-0.5078	-0.4352	-0.5383	-0.7300
0.500	-0.5142	-0.6708	-0.6768	-0.6687	-0.8311
0.525	*******	-0.8424	-0.8418	-0.7768	-0.9085
0.550	-0.6437	-1.0375	-1.0165	-0.9038	-1.0065
0.575	*******	-1.2102	-1.1733	-1.0518	-1.1310
0.600	-0.9934	-1.3429	-1.3332	-1.1920	-0.8954
0.625	*******	*******	-1.4347	-1.3201	-0.7121
0.650	-1.2831	-1.5082	-1.5142	-1.4301	-0.6554
0.675	*******	-1.5129	-1.5788	-1.2089	-0.5792
0.700	-1.1850	-1.4603	-1.5536	-1.1454	-0.5153
0.725	*******	-1.4449	*******	-1.1418	-0.4792
0.750	-1.1741	-1.4719	*******	-1.1541	-0.4613
0.775	*******	-1.4251	-1.2603	-1.1770	-0.4550
0.800	-1.3464	-1.3078	-1.2090	-1.2415	*******
0.825	*******	-1.2355	-1.1839	-1.2191	-0.4864
0.850	-1.4536	-1.1921	-1.1623	-1.2149	-0.4782
0.875	*******	-1.1639	-1.1356	-1.0763	-0.4859
0.900	-1.3251	-1.1426	-1.0720	-0.9504	-0.4763
0.925	*******	-1.1327	-1.0154	-0.9003	-0.4656
0.950	-1.3039	-1.1415	-0.9960	-0.9032	-0.4053
0.975	*******	-1.0524	-0.9876	-0.8586	-0.3522
1.000	-1.4243	-1.2988	-0.9809	-1.0058	-0.3774
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4400	0.3972	0.3849	*******	-0.5362
-0.400	0.4376	0.4051	0.3607	0.1720	-0.6116
-0.600	0.4527	0.4077	0.3565	0.2042	-0.5894
-0.700	0.4566	0.4064	0.3565	0.2173	-0.5519
-0.800	0.4457	*******	0.3541	0.2383	-0.4714
-0.850	*******	0.4018	0.3503	0.2400	-0.4578
-0.900	*******	0.3670	0.3301	0.2423	-0.4031
-0.950	0.2258	0.2496	0.2358	0.1901	-0.1209
-0.975	*******	0.0596	0.0761	0.0661	-0.0534
-1.000	-1.3457	-1.0963	-1.0616	-1.0236	-0.4104

Surface Pressures



Medium Radius L.E.

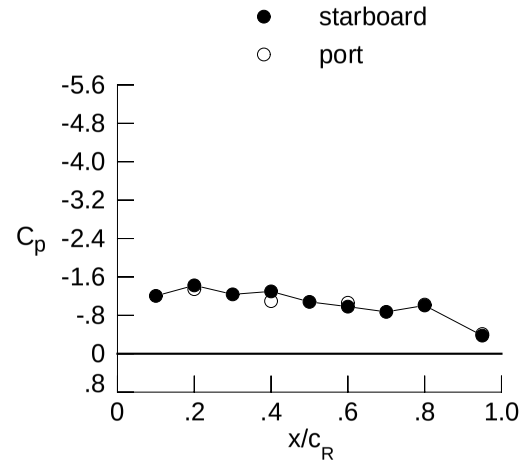
Run No. = 13 , Point No. = 279

C_N = 0.910, C_m = -0.1522

α = 18.5 °, M_∞ = 0.850

R_{mac} = 48.3×10^6

Leading Edge Pressures

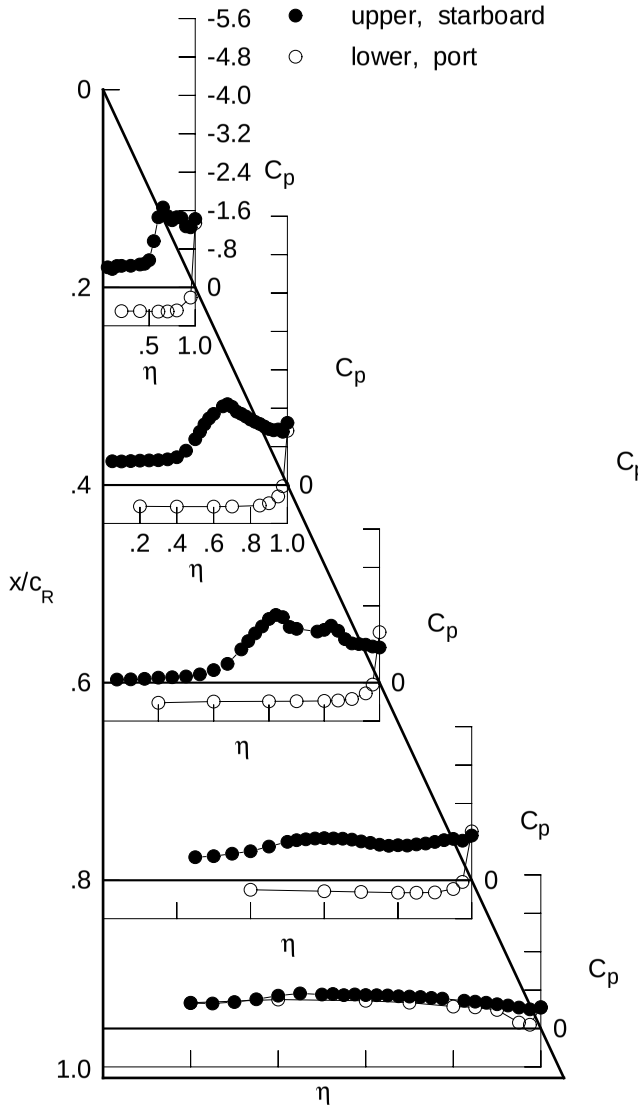


x/c_R	starb'd C_p	port C_p
0.10	-1.2046	*******
0.20	-1.4243	-1.3457
0.30	-1.2366	*******
0.40	-1.2988	-1.0963
0.50	-1.0803	*******
0.60	-0.9809	-1.0616
0.70	-0.8719	*******
0.80	-1.0058	-1.0236
0.90	-0.0173	*******
0.95	-0.3774	-0.4104

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	-0.4184	-0.4949	-0.0636	*******	*******
0.100	-0.3839	-0.4908	-0.0687	*******	*******
0.150	-0.4455	-0.4996	-0.0794	*******	*******
0.200	-0.4489	-0.5079	-0.1043	*******	-0.5285
0.250	*******	-0.5130	-0.1130	-0.4811	-0.5209
0.300	-0.4503	-0.5167	-0.1288	-0.5025	-0.5513
0.350	*******	-0.5355	-0.1724	-0.5536	-0.6086
0.400	-0.4768	-0.5795	-0.2618	-0.6044	-0.6839
0.450	-0.4924	-0.7162	-0.3913	-0.7028	-0.7310
0.500	-0.5669	-0.9545	-0.6922	-0.8009	-0.7077
0.525	*******	-1.1076	-0.8655	-0.8351	-0.7190
0.550	-0.9644	-1.2632	-1.0257	-0.8539	-0.6955
0.575	*******	-1.3869	-1.1706	-0.8707	-0.7099
0.600	-1.4612	-1.4819	-1.3268	-0.8785	-0.6971
0.625	*******	*******	-1.4107	-0.8714	-0.6936
0.650	-1.6648	-1.6392	-1.3646	-0.8662	-0.6890
0.675	*******	-1.6847	-1.1598	-0.8473	-0.6718
0.700	-1.4838	-1.6289	-1.1212	-0.8092	-0.6653
0.725	*******	-1.5281	*******	-0.7793	-0.6563
0.750	-1.3992	-1.4823	*******	-0.7411	-0.6375
0.775	*******	-1.4272	-1.0644	-0.7185	-0.6223
0.800	-1.4626	-1.3647	-1.0998	-0.7304	*******
0.825	*******	-1.3160	-1.1866	-0.7230	-0.5791
0.850	-1.4474	-1.2732	-1.0797	-0.7470	-0.5589
0.875	*******	-1.2189	-0.9061	-0.7654	-0.5366
0.900	-1.2709	-1.1684	-0.8171	-0.7995	-0.5059
0.925	*******	-1.1410	-0.8036	-0.8356	-0.4796
0.950	-1.2520	-1.1573	-0.7906	-0.8623	-0.4367
0.975	*******	-1.1096	-0.7517	-0.8245	-0.3993
1.000	-1.4257	-1.2953	-0.7321	-0.9323	-0.4339
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4952	0.4438	0.4189	*******	-0.5367
-0.400	0.4933	0.4493	0.3941	0.1973	-0.6030
-0.600	0.5043	0.4498	0.3896	0.2278	-0.5776
-0.700	0.5018	0.4468	0.3874	0.2432	-0.5384
-0.800	0.4796	*******	0.3812	0.2582	-0.4571
-0.850	*******	0.4269	0.3723	0.2589	-0.4419
-0.900	*******	0.3788	0.3410	0.2535	-0.3868
-0.950	0.2123	0.2374	0.2228	0.1812	-0.1229
-0.975	*******	0.0238	0.0401	0.0347	-0.0784
-1.000	-1.3385	-1.1302	-1.0515	-1.0187	-0.4462

Surface Pressures



Medium Radius L.E.

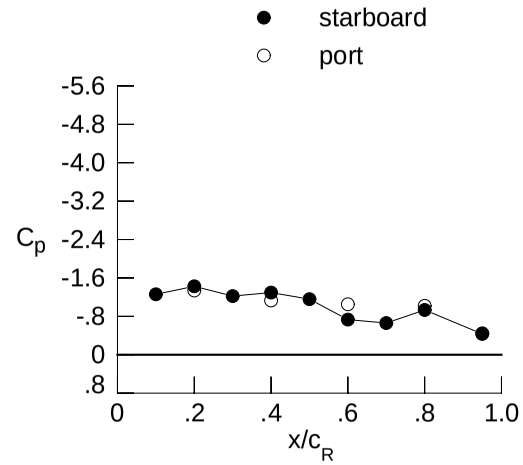
Run No. = 13 , Point No. = 280

C_N = 0.978, C_m = -0.1679

α = 20.5 °, M_∞ = 0.852

R_{mac} = 48.3×10^6

Leading Edge Pressures

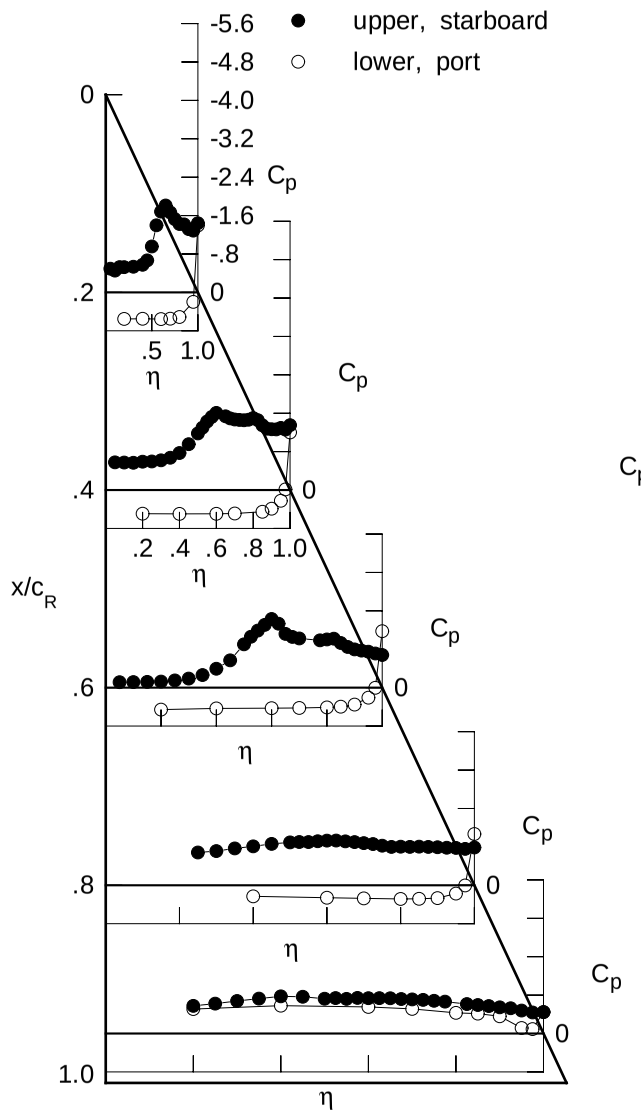


x/c_R	starb'd C_p	port C_p
0.10	-1.2592	*******
0.20	-1.4257	-1.3385
0.30	-1.2219	*******
0.40	-1.2953	-1.1302
0.50	-1.1575	*******
0.60	-0.7321	-1.0515
0.70	-0.6600	*******
0.80	-0.9323	-1.0187
0.90	-0.0030	*******
0.95	-0.4339	-0.4462

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	-0.4936	-0.5770	-0.1137	*******	*******
0.100	-0.4534	-0.5727	-0.1157	*******	*******
0.150	-0.5261	-0.5677	-0.1202	*******	*******
0.200	-0.5257	-0.5904	-0.1266	*******	-0.5763
0.250	*******	-0.5952	-0.1505	-0.6833	-0.6223
0.300	-0.5342	-0.6196	-0.1884	-0.7126	-0.6773
0.350	*******	-0.6725	-0.2621	-0.7682	-0.7272
0.400	-0.5753	-0.7711	-0.3934	-0.8110	-0.7743
0.450	-0.6673	-0.9551	-0.5692	-0.8627	-0.7654
0.500	-0.9564	-1.1794	-0.9020	-0.8932	-0.7245
0.525	*******	-1.3003	-1.0601	-0.9020	-0.7382
0.550	-1.3977	-1.4283	-1.1887	-0.9011	-0.7218
0.575	*******	-1.5234	-1.3071	-0.9179	-0.7413
0.600	-1.6832	-1.6071	-1.4306	-0.9304	-0.7358
0.625	*******	*******	-1.3322	-0.9317	-0.7372
0.650	-1.8105	-1.5361	-1.1200	-0.9150	-0.7347
0.675	*******	-1.4925	-1.0569	-0.9003	-0.7181
0.700	-1.6652	-1.4693	-1.0245	-0.8784	-0.7106
0.725	*******	-1.4606	*******	-0.8596	-0.7010
0.750	-1.5253	-1.4539	*******	-0.8245	-0.6816
0.775	*******	-1.4645	-0.9856	-0.7994	-0.6640
0.800	-1.4247	-1.4997	-1.0042	-0.8039	*******
0.825	*******	-1.4556	-1.0203	-0.8004	-0.6137
0.850	-1.4170	-1.3483	-0.9307	-0.8048	-0.5936
0.875	*******	-1.2779	-0.8484	-0.7990	-0.5724
0.900	-1.3183	-1.2666	-0.7967	-0.7931	-0.5459
0.925	*******	-1.2628	-0.7711	-0.7822	-0.5260
0.950	-1.2862	-1.2942	-0.7487	-0.7788	-0.4784
0.975	*******	-1.2593	-0.7111	-0.7582	-0.4385
1.000	-1.4411	-1.3510	-0.6801	-0.7875	-0.4445
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5531	0.4930	0.4577	*******	-0.5093
-0.400	0.5498	0.4965	0.4330	0.2300	-0.5801
-0.600	0.5559	0.4950	0.4277	0.2591	-0.5536
-0.700	0.5477	0.4890	0.4235	0.2725	-0.5127
-0.800	0.5125	*******	0.4117	0.2848	-0.4302
-0.850	*******	0.4525	0.3970	0.2817	-0.4142
-0.900	*******	0.3888	0.3531	0.2673	-0.3596
-0.950	0.1978	0.2231	0.2088	0.1726	-0.1146
-0.975	*******	-0.0135	0.0032	0.0034	-0.0920
-1.000	-1.3946	-1.2001	-1.1757	-1.0681	-0.4477

Surface Pressures



Medium Radius L.E.

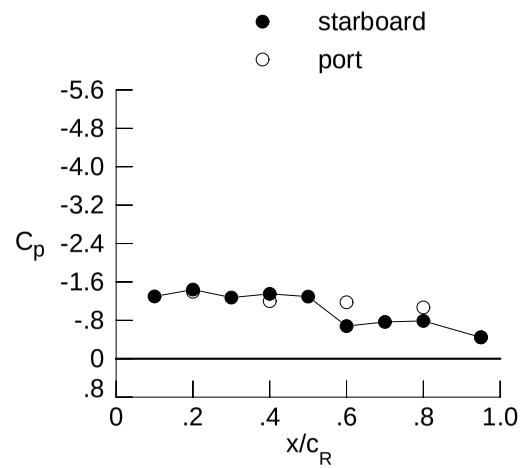
Run No. = 13 , Point No. = 281

C_N = 1.081, C_m = -0.1827

α = 22.6 °, M_∞ = 0.849

R_{mac} = 48.1×10^6

Leading Edge Pressures

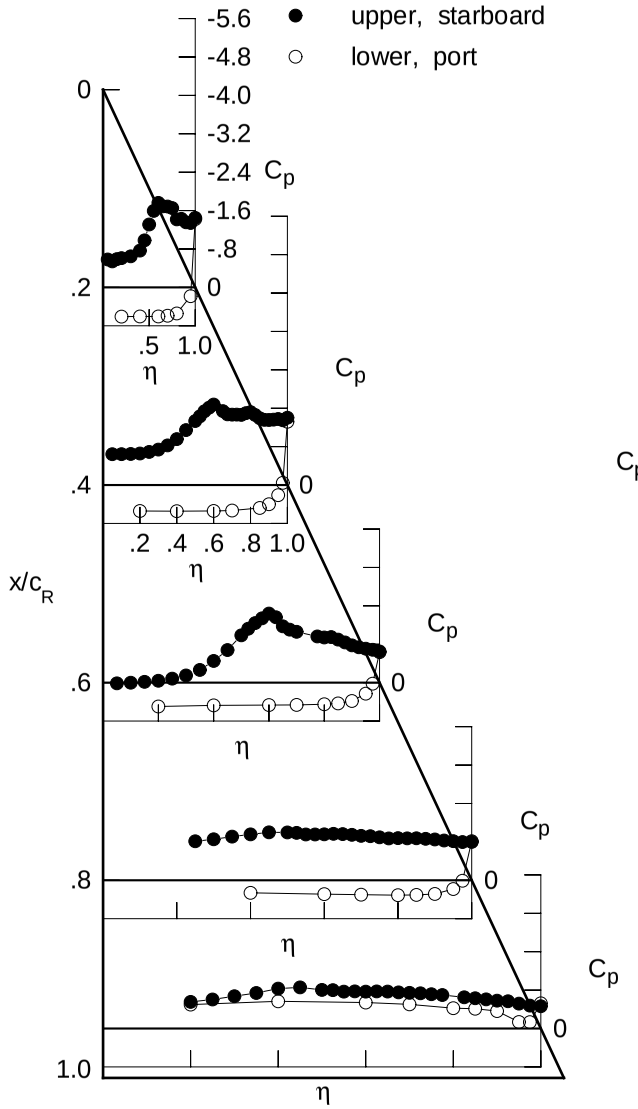


x/c_R	starb'd C_p	port C_p
0.10	-1.2973	*******
0.20	-1.4411	-1.3946
0.30	-1.2744	*******
0.40	-1.3510	-1.2001
0.50	-1.2946	*******
0.60	-0.6801	-1.1757
0.70	-0.7664	*******
0.80	-0.7875	-1.0681
0.90	-0.0058	*******
0.95	-0.4445	-0.4477

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	-0.5820	-0.6427	0.0141	*******	*******
0.100	-0.5419	-0.6431	0.0020	*******	*******
0.150	-0.5887	-0.6475	-0.0171	*******	*******
0.200	-0.6092	-0.6566	-0.0390	*******	-0.5547
0.250	*******	-0.6900	-0.0832	-0.8129	-0.6044
0.300	-0.6469	-0.7381	-0.1492	-0.8543	-0.6730
0.350	*******	-0.8259	-0.2651	-0.9095	-0.7402
0.400	-0.7664	-0.9565	-0.4518	-0.9568	-0.8314
0.450	-0.9801	-1.1446	-0.6796	-0.9990	-0.8570
0.500	-1.3107	-1.3340	-0.9855	-0.9972	-0.8038
0.525	*******	-1.4308	-1.1233	-0.9879	-0.7990
0.550	-1.5934	-1.5372	-1.2407	-0.9541	-0.7679
0.575	*******	-1.6110	-1.3397	-0.9545	-0.7740
0.600	-1.7611	-1.6767	-1.4389	-0.9578	-0.7677
0.625	*******	*******	-1.3625	-0.9678	-0.7725
0.650	-1.6891	-1.5396	-1.1735	-0.9623	-0.7693
0.675	*******	-1.4726	-1.1039	-0.9473	-0.7529
0.700	-1.6849	-1.4665	-1.0590	-0.9255	-0.7432
0.725	*******	-1.4671	*******	-0.9184	-0.7336
0.750	-1.6529	-1.4613	*******	-0.8949	-0.7143
0.775	*******	-1.4974	-0.9625	-0.8723	-0.6980
0.800	-1.4172	-1.5200	-0.9408	-0.8785	*******
0.825	*******	-1.4603	-0.9499	-0.8737	-0.6503
0.850	-1.4283	-1.3917	-0.8965	-0.8750	-0.6307
0.875	*******	-1.3586	-0.8374	-0.8642	-0.6068
0.900	-1.3561	-1.3555	-0.7772	-0.8502	-0.5800
0.925	*******	-1.3625	-0.7370	-0.8288	-0.5679
0.950	-1.3412	-1.3764	-0.7074	-0.8151	-0.5182
0.975	*******	-1.3500	-0.6846	-0.7968	-0.4766
1.000	-1.4479	-1.4021	-0.6496	-0.7996	-0.4639
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6092	0.5410	0.4967	*******	-0.4984
-0.400	0.6053	0.5450	0.4738	0.2613	-0.5666
-0.600	0.6058	0.5400	0.4674	0.2891	-0.5411
-0.700	0.5902	0.5310	0.4642	0.2998	-0.5030
-0.800	0.5429	*******	0.4500	0.3105	-0.4233
-0.850	*******	0.4775	0.4325	0.3045	-0.4124
-0.900	*******	0.3997	0.3821	0.2852	-0.3634
-0.950	0.1831	0.2115	0.2296	0.1821	-0.1356
-0.975	*******	-0.0456	0.0215	0.0093	-0.1332
-1.000	-1.4218	-1.3186	-0.6346	-0.8146	-0.5246

Surface Pressures



Medium Radius L.E.

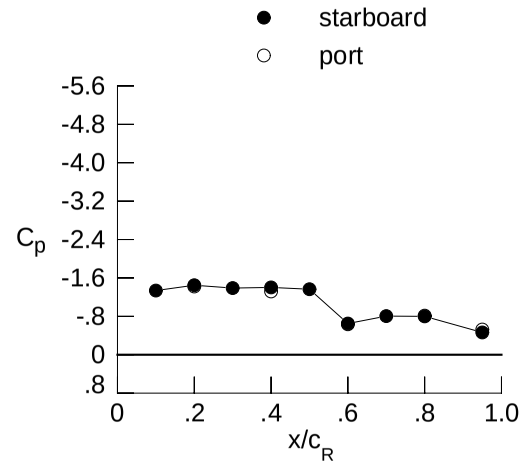
Run No. = 13 , Point No. = 282

C_N = 1.125, C_m = -0.1836

α = 24.6 °, M_∞ = 0.849

R_{mac} = 47.7×10^6

Leading Edge Pressures

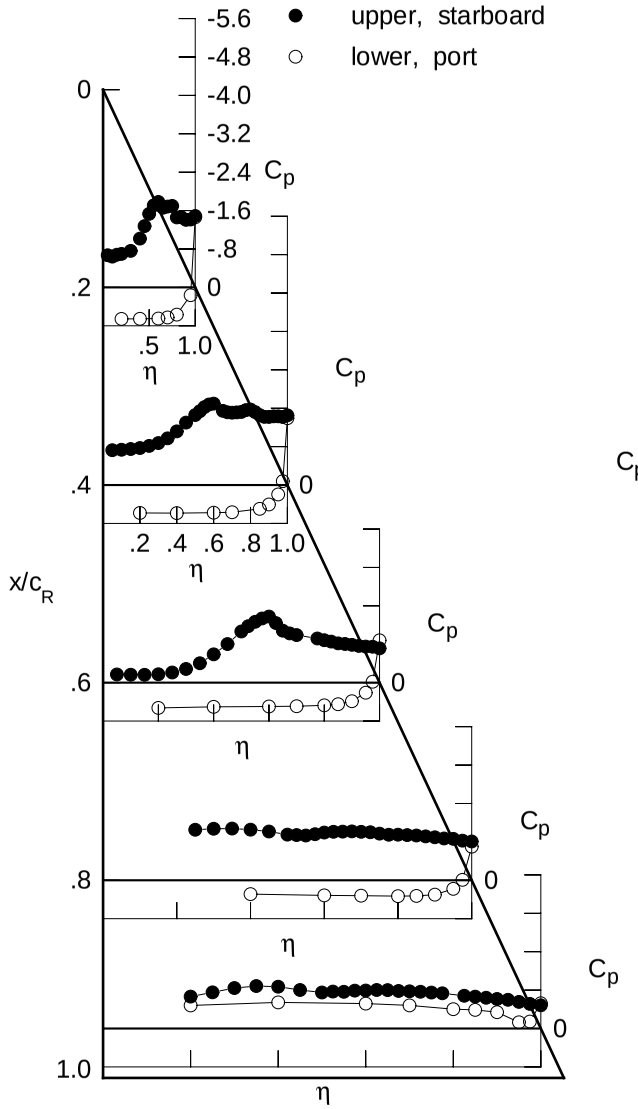


x/c_R	starb'd C_p	port C_p
0.10	-1.3367	*******
0.20	-1.4479	-1.4218
0.30	-1.3888	*******
0.40	-1.4021	-1.3186
0.50	-1.3647	*******
0.60	-0.6496	-0.6346
0.70	-0.8046	*******
0.80	-0.7996	-0.8146
0.90	-0.0026	*******
0.95	-0.4639	-0.5246

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	-0.6700	-0.7254	-0.1702	*******	*******
0.100	-0.6406	-0.7354	-0.1646	*******	*******
0.150	-0.6811	-0.7501	-0.1633	*******	*******
0.200	-0.6977	-0.7713	-0.1740	*******	-0.6649
0.250	*******	-0.8148	-0.2108	-1.0528	-0.7536
0.300	-0.7606	-0.8745	-0.2847	-1.0735	-0.8432
0.350	*******	-0.9727	-0.4043	-1.0778	-0.8845
0.400	-1.0157	-1.1181	-0.5899	-1.0544	-0.8716
0.450	-1.2766	-1.3006	-0.8042	-1.0158	-0.8022
0.500	-1.5316	-1.4587	-1.0659	-0.9513	-0.7508
0.525	*******	-1.5373	-1.1764	-0.9423	-0.7696
0.550	-1.7088	-1.6234	-1.2674	-0.9330	-0.7651
0.575	*******	-1.6782	-1.3366	-0.9598	-0.7891
0.600	-1.7804	-1.6960	-1.3771	-0.9940	-0.7913
0.625	*******	*******	-1.2414	-1.0101	-0.8022
0.650	-1.6592	-1.5455	-1.0822	-1.0133	-0.7999
0.675	*******	-1.5153	-1.0257	-1.0180	-0.7820
0.700	-1.6843	-1.5073	-0.9913	-1.0093	-0.7753
0.725	*******	-1.5138	*******	-1.0011	-0.7654
0.750	-1.6974	-1.5225	*******	-0.9721	-0.7485
0.775	*******	-1.5606	-0.9202	-0.9484	-0.7339
0.800	-1.4577	-1.5731	-0.8839	-0.9504	*******
0.825	*******	-1.5197	-0.8556	-0.9415	-0.6822
0.850	-1.4594	-1.4564	-0.8187	-0.9324	-0.6637
0.875	*******	-1.4207	-0.8057	-0.9142	-0.6411
0.900	-1.4071	-1.4190	-0.7879	-0.8958	-0.6153
0.925	*******	-1.4315	-0.7651	-0.8716	-0.5987
0.950	-1.4139	-1.4310	-0.7508	-0.8634	-0.5548
0.975	*******	-1.4174	-0.7478	-0.8260	-0.5128
1.000	-1.4873	-1.4522	-0.7142	-0.8085	-0.4835
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6569	0.5817	0.5265	*******	-0.4805
-0.400	0.6544	0.5850	0.5041	0.2883	-0.5440
-0.600	0.6491	0.5761	0.4971	0.3145	-0.5193
-0.700	0.6262	0.5671	0.4911	0.3209	-0.4815
-0.800	0.5671	*******	0.4730	0.3300	-0.4026
-0.850	*******	0.4958	0.4495	0.3257	-0.3881
-0.900	*******	0.4044	0.3874	0.2992	-0.3397
-0.950	0.1622	0.1957	0.2095	0.1785	-0.1297
-0.975	*******	-0.0809	-0.0190	-0.0100	-0.1450
-1.000	-1.4600	-1.3918	-0.8819	-0.7005	-0.5262

Surface Pressures



Medium Radius L.E.

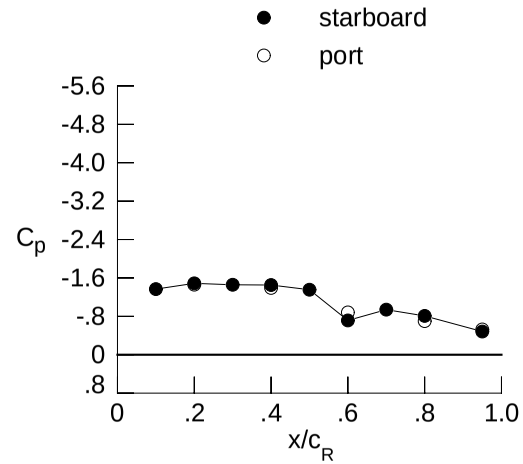
Run No. = 13 , Point No. = 283

C_N = 1.203, C_m = -0.1938

α = 26.7 °, M_∞ = 0.849

R_{mac} = 47.2×10^6

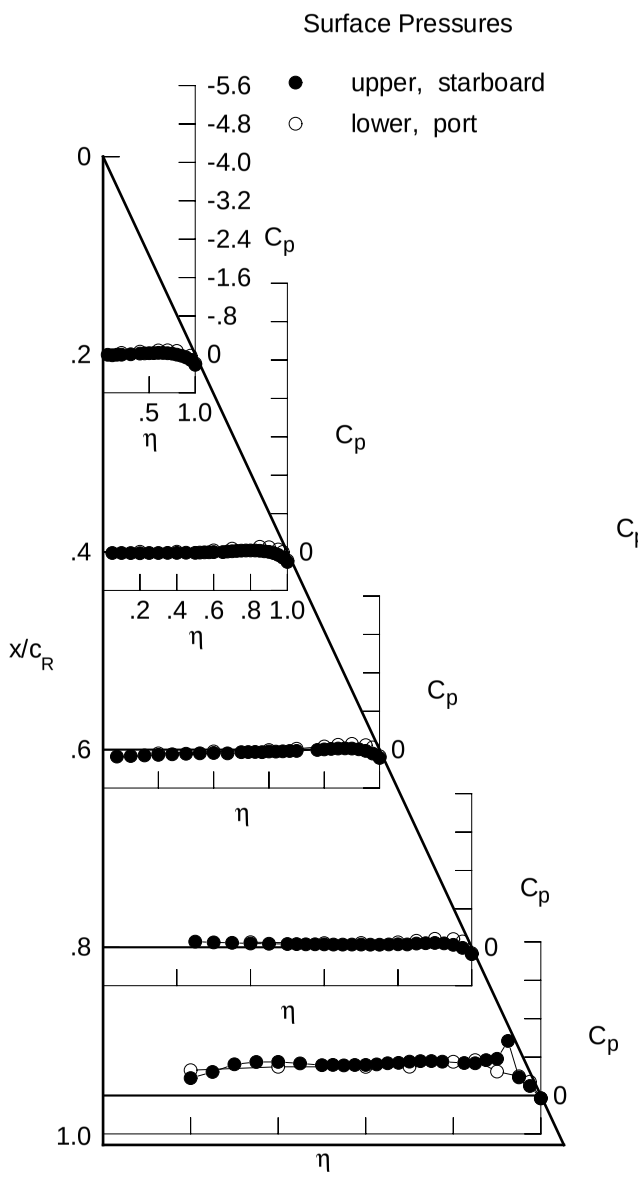
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3672	*******
0.20	-1.4873	-1.4600
0.30	-1.4572	*******
0.40	-1.4522	-1.3918
0.50	-1.3543	*******
0.60	-0.7142	-0.8819
0.70	-0.9390	*******
0.80	-0.8085	-0.7005
0.90	0.0066	*******
0.95	-0.4835	-0.5262

Table E6. 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	0.0082	0.0198	0.1447	*******	*******
0.100	0.0182	0.0204	0.1330	*******	*******
0.150	0.0069	0.0214	0.1209	*******	*******
0.200	0.0062	0.0249	0.1091	*******	-0.3624
0.250	*******	0.0200	0.0965	-0.1174	-0.4903
0.300	-0.0026	0.0204	0.0859	-0.1018	-0.6503
0.350	*******	0.0177	0.0769	-0.0929	-0.6981
0.400	-0.0165	0.0177	0.0693	-0.0792	-0.6998
0.450	-0.0206	0.0144	0.0773	-0.0733	-0.6690
0.500	-0.0250	0.0164	0.0527	-0.0677	-0.6321
0.525	*******	0.0115	0.0508	-0.0668	-0.6378
0.550	-0.0262	0.0061	0.0481	-0.0616	-0.6271
0.575	*******	0.0046	0.0530	-0.0621	-0.6363
0.600	-0.0317	0.0020	0.0386	-0.0609	-0.6366
0.625	*******	*******	0.0408	-0.0570	-0.6476
0.650	-0.0302	0.0014	0.0354	-0.0559	-0.6717
0.675	*******	-0.0106	0.0280	-0.0569	-0.6796
0.700	-0.0242	-0.0161	0.0267	-0.0565	-0.7053
0.725	*******	-0.0231	*******	-0.0544	-0.7161
0.750	-0.0152	-0.0289	*******	-0.0534	-0.7174
0.775	*******	-0.0319	0.0061	-0.0591	-0.7051
0.800	0.0053	-0.0332	-0.0050	-0.0620	*******
0.825	*******	-0.0319	-0.0148	-0.0592	-0.6772
0.850	0.0276	-0.0262	-0.0235	-0.0777	-0.6720
0.875	*******	-0.0151	-0.0263	-0.0849	-0.7370
0.900	0.0625	-0.0029	-0.0227	-0.0904	-0.7648
0.925	*******	0.0214	-0.0075	-0.0820	-1.1372
0.950	0.1139	0.0596	0.0253	-0.0511	-0.3776
0.975	*******	0.1151	0.0819	0.0122	-0.1986
1.000	0.2166	0.2067	0.1727	0.1429	0.0611
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0302	-0.0055	0.0783	*******	-0.5275
-0.400	-0.0569	-0.0067	0.0380	-0.1057	-0.5982
-0.600	-0.0821	-0.0339	0.0088	-0.0861	-0.5968
-0.700	-0.0852	-0.0706	-0.0184	-0.0896	-0.6002
-0.800	-0.0719	*******	-0.0653	-0.1034	-0.7031
-0.850	*******	-0.1088	-0.1011	-0.1352	-0.7372
-0.900	*******	-0.0992	-0.1200	-0.1763	-0.4991
-0.950	0.0263	-0.0527	-0.0925	-0.1705	-0.4002
-0.975	*******	-0.0016	-0.0460	-0.1207	-0.2869
-1.000	0.1896	0.1754	0.1364	0.1234	0.0545



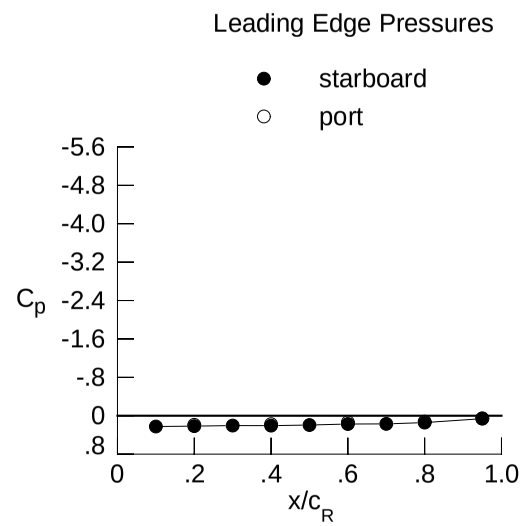
Medium Radius L.E.

Run No. = 14 , Point No. = 284

C_N = -0.023, C_m = -0.0057

α = -0.9 °, M_∞ = 0.852

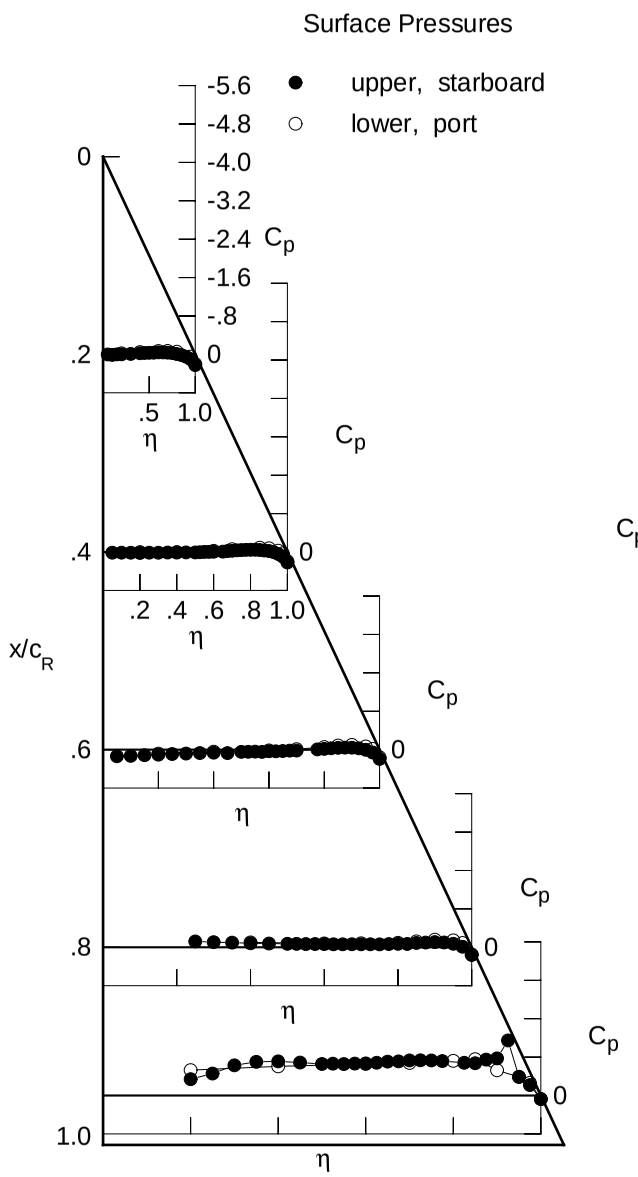
$R_{mac} = 60.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2247	*******
0.20	0.2166	0.1896
0.30	0.2050	*******
0.40	0.2067	0.1754
0.50	0.1938	*******
0.60	0.1727	0.1364
0.70	0.1700	*******
0.80	0.1429	0.1234
0.90	0.0697	*******
0.95	0.0611	0.0545

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	0.0013	0.0140	0.1383	*******	*******
0.100	0.0112	0.0139	0.1298	*******	*******
0.150	-0.0002	0.0147	0.1159	*******	*******
0.200	-0.0013	0.0191	0.1049	*******	-0.3396
0.250	*******	0.0132	0.0913	-0.1216	-0.4578
0.300	-0.0095	0.0143	0.0813	-0.1067	-0.6284
0.350	*******	0.0106	0.0712	-0.0971	-0.7018
0.400	-0.0237	0.0108	0.0633	-0.0841	-0.7111
0.450	-0.0293	0.0077	0.0719	-0.0784	-0.6866
0.500	-0.0339	0.0086	0.0461	-0.0725	-0.6571
0.525	*******	0.0041	0.0448	-0.0716	-0.6635
0.550	-0.0352	-0.0021	0.0417	-0.0669	-0.6550
0.575	*******	-0.0032	0.0473	-0.0677	-0.6651
0.600	-0.0420	-0.0064	0.0326	-0.0675	-0.6692
0.625	*******	*******	0.0342	-0.0624	-0.6820
0.650	-0.0412	-0.0082	0.0285	-0.0623	-0.7055
0.675	*******	-0.0205	0.0206	-0.0635	-0.7111
0.700	-0.0363	-0.0264	0.0193	-0.0625	-0.7314
0.725	*******	-0.0348	*******	-0.0620	-0.7339
0.750	-0.0279	-0.0404	*******	-0.0606	-0.7301
0.775	*******	-0.0449	-0.0046	-0.0674	-0.7175
0.800	-0.0080	-0.0471	-0.0162	-0.0718	*******
0.825	*******	-0.0470	-0.0280	-0.0693	-0.6817
0.850	0.0138	-0.0423	-0.0374	-0.0903	-0.6724
0.875	*******	-0.0319	-0.0418	-0.0987	-0.7484
0.900	0.0482	-0.0215	-0.0410	-0.1076	-0.7737
0.925	*******	0.0017	-0.0272	-0.1003	-1.1471
0.950	0.0989	0.0403	0.0034	-0.0738	-0.3908
0.975	*******	0.0952	0.0597	-0.0115	-0.2173
1.000	0.2230	0.2178	0.1928	0.1603	0.0750
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	-0.0226	0.0010	0.0833	*******	-0.5291
-0.400	-0.0479	0.0004	0.0428	-0.1014	-0.6069
-0.600	-0.0703	-0.0254	0.0160	-0.0798	-0.6582
-0.700	-0.0722	-0.0593	-0.0098	-0.0829	-0.6782
-0.800	-0.0559	*******	-0.0534	-0.0935	-0.7224
-0.850	*******	-0.0906	-0.0856	-0.1230	-0.7572
-0.900	*******	-0.0782	-0.0995	-0.1583	-0.5258
-0.950	0.0463	-0.0278	-0.0663	-0.1450	-0.3862
-0.975	*******	0.0258	-0.0161	-0.0900	-0.2649
-1.000	0.1982	0.1910	0.1581	0.1489	0.0722



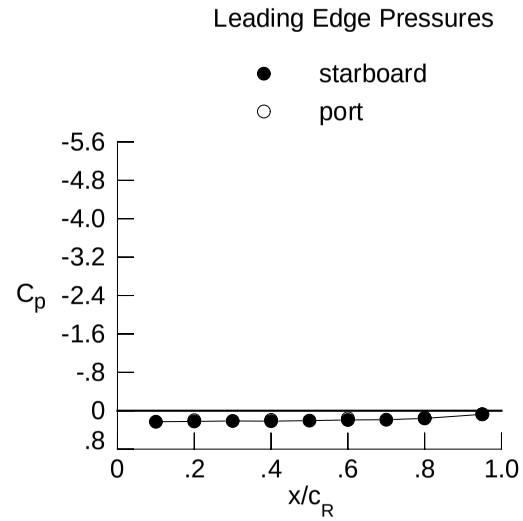
Medium Radius L.E.

Run No. = 14 , Point No. = 285

C_N = -0.008, C_m = -0.0083

α = -0.5 °, M_∞ = 0.850

R_{mac} = 60.6×10^6

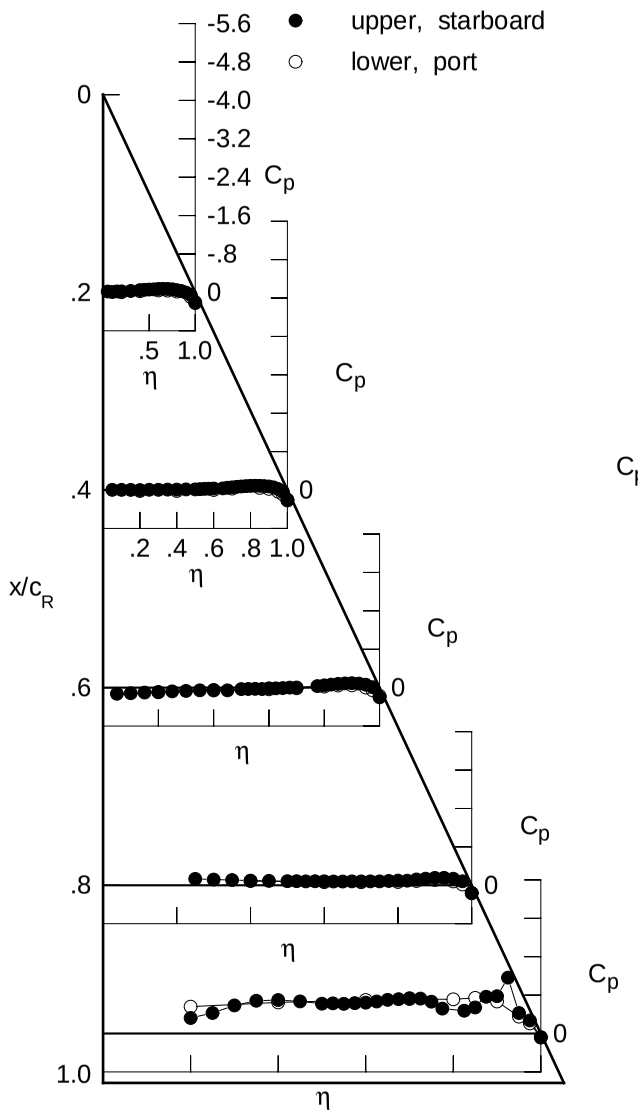


x/c_R	starb'd C_p	port C_p
0.10	0.2299	*******
0.20	0.2230	0.1982
0.30	0.2129	*******
0.40	0.2178	0.1910
0.50	0.2061	*******
0.60	0.1928	0.1581
0.70	0.1869	*******
0.80	0.1603	0.1489
0.90	0.0773	*******
0.95	0.0750	0.0722

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	-0.0185	-0.0042	0.1270	*******	*******
0.100	-0.0083	-0.0040	0.1161	*******	*******
0.150	-0.0198	-0.0034	0.1027	*******	*******
0.200	-0.0214	0.0006	0.0915	*******	-0.3233
0.250	*******	-0.0052	0.0777	-0.1336	-0.4274
0.300	-0.0297	-0.0047	0.0676	-0.1192	-0.5849
0.350	*******	-0.0085	0.0560	-0.1097	-0.6820
0.400	-0.0470	-0.0090	0.0489	-0.0970	-0.6977
0.450	-0.0533	-0.0127	0.0563	-0.0916	-0.6685
0.500	-0.0596	-0.0128	0.0303	-0.0858	-0.6219
0.525	*******	-0.0185	0.0276	-0.0857	-0.6277
0.550	-0.0634	-0.0250	0.0245	-0.0819	-0.6187
0.575	*******	-0.0273	0.0287	-0.0842	-0.6325
0.600	-0.0715	-0.0309	0.0133	-0.0829	-0.6427
0.625	*******	*******	0.0146	-0.0784	-0.6674
0.650	-0.0738	-0.0342	0.0086	-0.0785	-0.7020
0.675	*******	-0.0478	-0.0005	-0.0813	-0.7151
0.700	-0.0712	-0.0562	-0.0034	-0.0808	-0.7351
0.725	*******	-0.0664	*******	-0.0816	-0.7275
0.750	-0.0647	-0.0748	*******	-0.0815	-0.6635
0.775	*******	-0.0819	-0.0323	-0.0905	-0.5184
0.800	-0.0471	-0.0869	-0.0482	-0.0974	*******
0.825	*******	-0.0895	-0.0635	-0.0964	-0.4742
0.850	-0.0276	-0.0882	-0.0787	-0.1217	-0.5425
0.875	*******	-0.0820	-0.0881	-0.1376	-0.7658
0.900	0.0039	-0.0747	-0.0928	-0.1532	-0.7776
0.925	*******	-0.0554	-0.0851	-0.1552	-1.1638
0.950	0.0524	-0.0202	-0.0617	-0.1364	-0.4270
0.975	*******	0.0313	-0.0100	-0.0832	-0.2713
1.000	0.2220	0.2171	0.2015	0.1582	0.0748
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	-0.0030	0.0197	0.0962	*******	-0.5595
-0.400	-0.0250	0.0194	0.0585	-0.0888	-0.6484
-0.600	-0.0409	-0.0017	0.0342	-0.0652	-0.6979
-0.700	-0.0379	-0.0297	0.0124	-0.0642	-0.7187
-0.800	-0.0164	*******	-0.0214	-0.0689	-0.7123
-0.850	*******	-0.0449	-0.0449	-0.0898	-0.7421
-0.900	*******	-0.0249	-0.0478	-0.1111	-0.6673
-0.950	0.0946	0.0326	-0.0025	-0.0805	-0.3516
-0.975	*******	0.0899	0.0562	-0.0165	-0.2112
-1.000	0.2036	0.1991	0.1703	0.1676	0.0846

Surface Pressures



Medium Radius L.E.

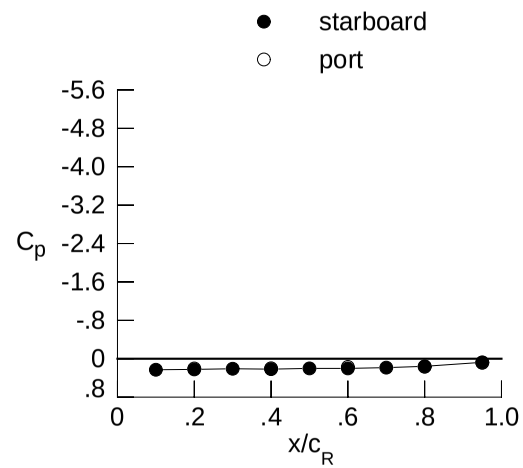
Run No. = 14 , Point No. = 286

C_N = 0.033, C_m = -0.0148

α = 0.5 °, M_∞ = 0.850

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

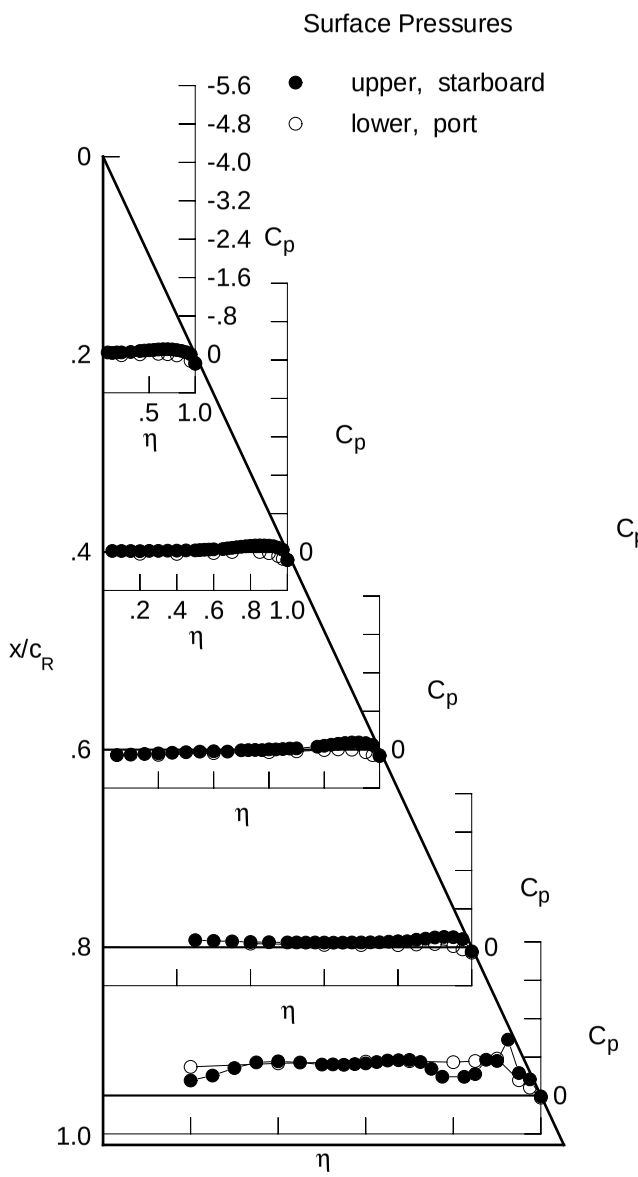
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	0.2298	*******
0.20	0.2220	0.2036
0.30	0.2089	*******
0.40	0.2171	0.1991
0.50	0.2014	*******
0.60	0.2015	0.1703
0.70	0.1855	*******
0.80	0.1582	0.1676
0.90	0.0767	*******
0.95	0.0748	0.0846

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	-0.0400	-0.0223	0.1140	*******	*******
0.100	-0.0287	-0.0216	0.1040	*******	*******
0.150	-0.0409	-0.0211	0.0906	*******	*******
0.200	-0.0418	-0.0185	0.0781	*******	-0.3128
0.250	*******	-0.0241	0.0644	-0.1477	-0.4154
0.300	-0.0507	-0.0237	0.0535	-0.1329	-0.5721
0.350	*******	-0.0280	0.0419	-0.1226	-0.6896
0.400	-0.0705	-0.0291	0.0336	-0.1105	-0.7120
0.450	-0.0790	-0.0338	0.0411	-0.1056	-0.6870
0.500	-0.0866	-0.0342	0.0133	-0.1005	-0.6448
0.525	*******	-0.0408	0.0105	-0.1004	-0.6478
0.550	-0.0922	-0.0479	0.0067	-0.0972	-0.6400
0.575	*******	-0.0513	0.0107	-0.0997	-0.6543
0.600	-0.1026	-0.0561	-0.0052	-0.0985	-0.6686
0.625	*******	*******	-0.0048	-0.0962	-0.6970
0.650	-0.1071	-0.0615	-0.0124	-0.0967	-0.7288
0.675	*******	-0.0770	-0.0226	-0.1001	-0.7350
0.700	-0.1077	-0.0874	-0.0267	-0.1010	-0.7413
0.725	*******	-0.0996	*******	-0.1029	-0.6973
0.750	-0.1036	-0.1103	*******	-0.1047	-0.5557
0.775	*******	-0.1206	-0.0616	-0.1165	-0.3912
0.800	-0.0893	-0.1297	-0.0811	-0.1256	*******
0.825	*******	-0.1358	-0.1016	-0.1255	-0.3895
0.850	-0.0730	-0.1385	-0.1217	-0.1574	-0.4467
0.875	*******	-0.1366	-0.1377	-0.1791	-0.7449
0.900	-0.0458	-0.1326	-0.1497	-0.2042	-0.7199
0.925	*******	-0.1199	-0.1498	-0.2158	-1.1629
0.950	-0.0024	-0.0894	-0.1360	-0.2097	-0.4683
0.975	*******	-0.0473	-0.0956	-0.1702	-0.3362
1.000	0.1956	0.1690	0.1336	0.0851	0.0183
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0176	0.0362	0.1089	*******	-0.5965
-0.400	-0.0019	0.0381	0.0728	-0.0759	-0.6707
-0.600	-0.0120	0.0211	0.0521	-0.0499	-0.7053
-0.700	-0.0047	-0.0015	0.0343	-0.0461	-0.7151
-0.800	0.0211	*******	0.0087	-0.0451	-0.6941
-0.850	*******	-0.0018	-0.0063	-0.0585	-0.7181
-0.900	*******	0.0233	-0.0004	-0.0682	-0.7686
-0.950	0.1355	0.0835	0.0526	-0.0240	-0.3187
-0.975	*******	0.1415	0.1133	0.0433	-0.1649
-1.000	0.1792	0.1615	0.1148	0.1119	0.0449



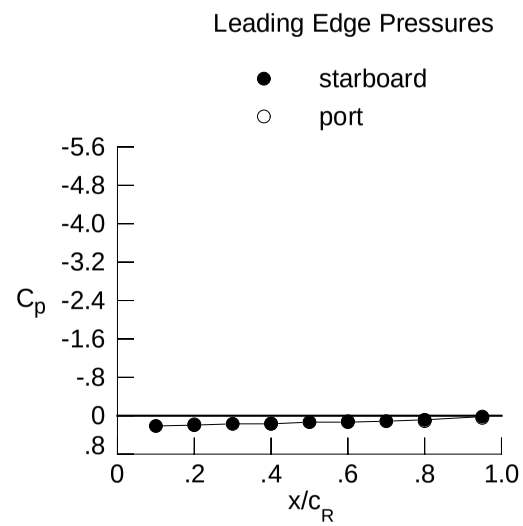
Medium Radius L.E.

Run No. = 14 , Point No. = 287

C_N = 0.073, C_m = -0.0203

α = 1.6 °, M_∞ = 0.852

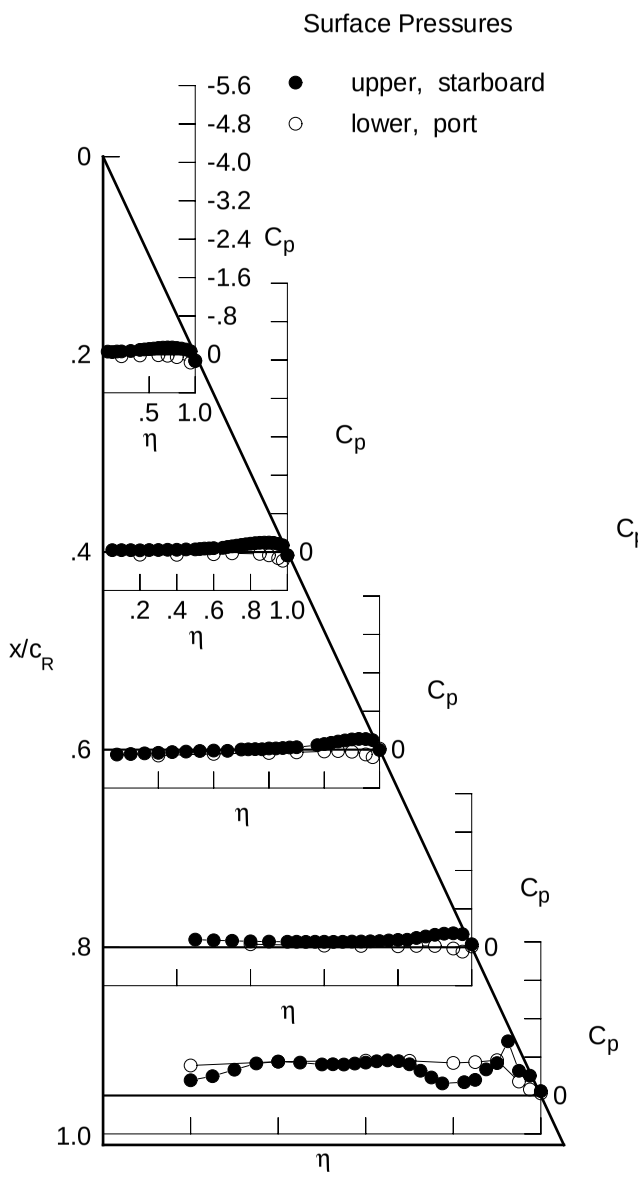
$R_{mac} = 60.6 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2136	*******
0.20	0.1956	0.1792
0.30	0.1692	*******
0.40	0.1690	0.1615
0.50	0.1340	*******
0.60	0.1336	0.1148
0.70	0.1139	*******
0.80	0.0851	0.1119
0.90	0.0719	*******
0.95	0.0183	0.0449

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	-0.0580	-0.0395	0.1021	*******	*******
0.100	-0.0478	-0.0392	0.0915	*******	*******
0.150	-0.0601	-0.0393	0.0778	*******	*******
0.200	-0.0618	-0.0357	0.0664	*******	-0.3176
0.250	*******	-0.0418	0.0513	-0.1601	-0.4025
0.300	-0.0714	-0.0422	0.0405	-0.1453	-0.5375
0.350	*******	-0.0470	0.0278	-0.1350	-0.6681
0.400	-0.0935	-0.0476	0.0190	-0.1237	-0.7058
0.450	-0.1035	-0.0542	0.0249	-0.1188	-0.6860
0.500	-0.1130	-0.0556	-0.0026	-0.1150	-0.6470
0.525	*******	-0.0626	-0.0063	-0.1154	-0.6509
0.550	-0.1216	-0.0718	-0.0106	-0.1125	-0.6456
0.575	*******	-0.0754	-0.0076	-0.1149	-0.6653
0.600	-0.1339	-0.0807	-0.0249	-0.1156	-0.6854
0.625	*******	*******	-0.0248	-0.1130	-0.7125
0.650	-0.1410	-0.0889	-0.0337	-0.1144	-0.7331
0.675	*******	-0.1055	-0.0450	-0.1191	-0.7152
0.700	-0.1447	-0.1188	-0.0503	-0.1208	-0.6507
0.725	*******	-0.1336	*******	-0.1248	-0.5164
0.750	-0.1444	-0.1474	*******	-0.1284	-0.3753
0.775	*******	-0.1612	-0.0934	-0.1427	-0.2524
0.800	-0.1339	-0.1735	-0.1164	-0.1540	*******
0.825	*******	-0.1848	-0.1418	-0.1565	-0.2774
0.850	-0.1218	-0.1921	-0.1687	-0.1941	-0.3253
0.875	*******	-0.1957	-0.1922	-0.2245	-0.5439
0.900	-0.1005	-0.1973	-0.2128	-0.2598	-0.6754
0.925	*******	-0.1914	-0.2230	-0.2831	-1.1293
0.950	-0.0645	-0.1687	-0.2209	-0.2912	-0.5152
0.975	*******	-0.1406	-0.1975	-0.2731	-0.4124
1.000	0.1396	0.0667	0.0075	-0.0629	-0.0917
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0381	0.0548	0.1223	*******	-0.6253
-0.400	0.0214	0.0572	0.0879	-0.0633	-0.7059
-0.600	0.0167	0.0451	0.0699	-0.0347	-0.7254
-0.700	0.0278	0.0266	0.0556	-0.0288	-0.7224
-0.800	0.0571	*******	0.0373	-0.0217	-0.6784
-0.850	*******	0.0384	0.0296	-0.0291	-0.6959
-0.900	*******	0.0676	0.0436	-0.0277	-0.7357
-0.950	0.1701	0.1274	0.1002	0.0257	-0.2912
-0.975	*******	0.1808	0.1568	0.0906	-0.1268
-1.000	0.1245	0.0695	-0.0213	-0.0174	-0.0450



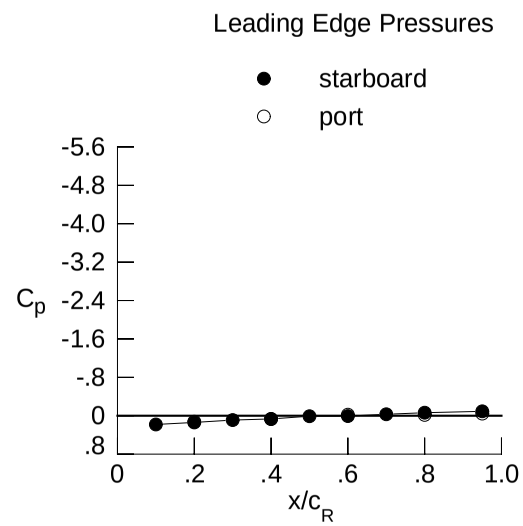
Medium Radius L.E.

Run No. = 14 , Point No. = 288

C_N = 0.115, C_m = -0.0272

α = 2.7 °, M_∞ = 0.851

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

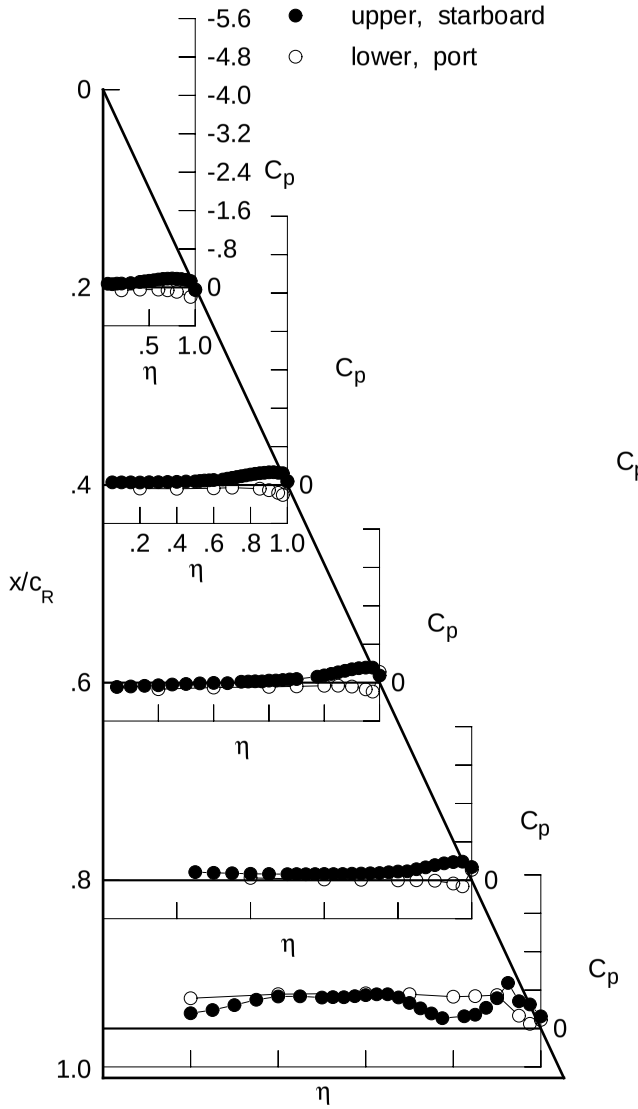


x/c_R	starb'd C_p	port C_p
0.10	0.1822	*******
0.20	0.1396	0.1245
0.30	0.0903	*******
0.40	0.0667	0.0695
0.50	0.0100	*******
0.60	0.0075	-0.0213
0.70	-0.0303	*******
0.80	-0.0629	-0.0174
0.90	0.0585	*******
0.95	-0.0917	-0.0450

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	-0.0757	-0.0556	0.0906	*******	*******
0.100	-0.0664	-0.0553	0.0803	*******	*******
0.150	-0.0782	-0.0558	0.0662	*******	*******
0.200	-0.0804	-0.0526	0.0543	*******	-0.3183
0.250	*******	-0.0581	0.0391	-0.1708	-0.3849
0.300	-0.0892	-0.0590	0.0281	-0.1555	-0.4873
0.350	*******	-0.0636	0.0149	-0.1461	-0.5992
0.400	-0.1147	-0.0662	0.0054	-0.1350	-0.6670
0.450	-0.1267	-0.0734	0.0112	-0.1308	-0.6706
0.500	-0.1378	-0.0756	-0.0186	-0.1274	-0.6452
0.525	*******	-0.0844	-0.0226	-0.1287	-0.6538
0.550	-0.1490	-0.0933	-0.0279	-0.1262	-0.6521
0.575	*******	-0.0981	-0.0256	-0.1288	-0.6737
0.600	-0.1641	-0.1049	-0.0428	-0.1309	-0.6949
0.625	*******	*******	-0.0442	-0.1290	-0.7130
0.650	-0.1757	-0.1147	-0.0540	-0.1307	-0.7137
0.675	*******	-0.1327	-0.0664	-0.1372	-0.6469
0.700	-0.1819	-0.1490	-0.0749	-0.1401	-0.5320
0.725	*******	-0.1662	*******	-0.1453	-0.4198
0.750	-0.1852	-0.1838	*******	-0.1506	-0.3140
0.775	*******	-0.2011	-0.1238	-0.1668	-0.2155
0.800	-0.1801	-0.2183	-0.1508	-0.1822	*******
0.825	*******	-0.2333	-0.1816	-0.1869	-0.2553
0.850	-0.1735	-0.2465	-0.2151	-0.2305	-0.2870
0.875	*******	-0.2555	-0.2465	-0.2696	-0.4313
0.900	-0.1579	-0.2652	-0.2786	-0.3164	-0.6308
0.925	*******	-0.2674	-0.3005	-0.3528	-0.9493
0.950	-0.1339	-0.2550	-0.3131	-0.3794	-0.5692
0.975	*******	-0.2465	-0.3126	-0.3879	-0.5018
1.000	0.0555	-0.0843	-0.1482	-0.2760	-0.2535
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0606	0.0732	0.1362	*******	-0.6302
-0.400	0.0458	0.0774	0.1028	-0.0493	-0.7153
-0.600	0.0459	0.0678	0.0883	-0.0178	-0.7327
-0.700	0.0602	0.0546	0.0778	-0.0104	-0.7145
-0.800	0.0919	*******	0.0651	0.0015	-0.6622
-0.850	*******	0.0764	0.0630	-0.0007	-0.6743
-0.900	*******	0.1074	0.0817	0.0089	-0.6959
-0.950	0.1988	0.1633	0.1389	0.0670	-0.2672
-0.975	*******	0.2067	0.1866	0.1255	-0.0974
-1.000	0.0403	-0.0668	-0.2233	-0.2178	-0.1791

Surface Pressures



Medium Radius L.E.

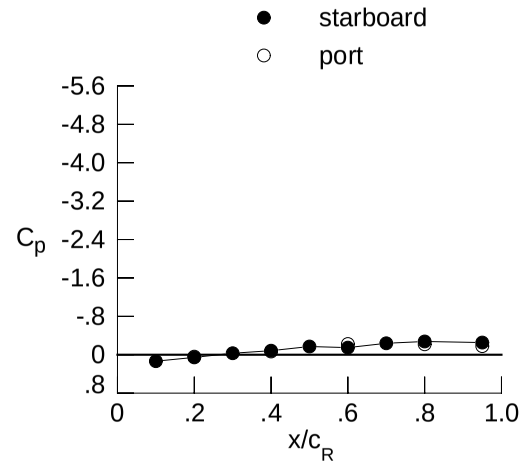
Run No. = 14 , Point No. = 289

C_N = 0.158, C_m = -0.0354

α = 3.7 °, M_∞ = 0.851

R_{mac} = 60.6×10^6

Leading Edge Pressures

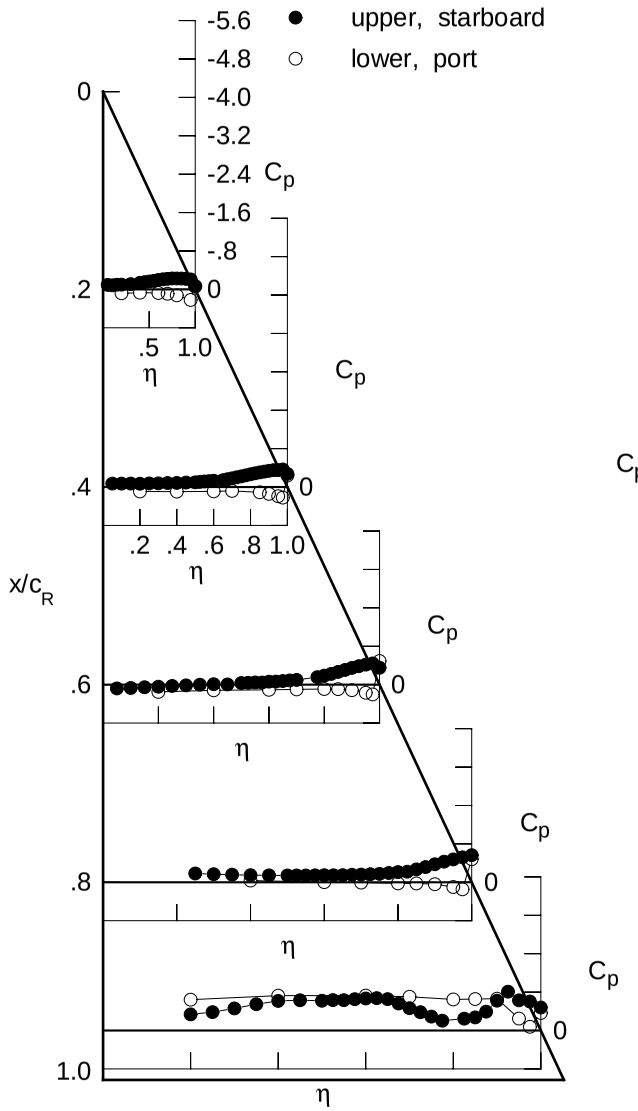


x/c_R	starb'd C_p	port C_p
0.10	0.1344	*******
0.20	0.0555	0.0403
0.30	-0.0309	*******
0.40	-0.0843	-0.0668
0.50	-0.1711	*******
0.60	-0.1482	-0.2233
0.70	-0.2385	*******
0.80	-0.2760	-0.2178
0.90	0.0360	*******
0.95	-0.2535	-0.1791

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	-0.0935	-0.0723	0.0791	*******	*******
0.100	-0.0847	-0.0712	0.0693	*******	*******
0.150	-0.0977	-0.0729	0.0544	*******	*******
0.200	-0.0993	-0.0689	0.0432	*******	-0.3361
0.250	*******	-0.0754	0.0271	-0.1829	-0.3833
0.300	-0.1093	-0.0765	0.0149	-0.1681	-0.4600
0.350	*******	-0.0836	0.0010	-0.1593	-0.5475
0.400	-0.1365	-0.0856	-0.0091	-0.1478	-0.6159
0.450	-0.1505	-0.0935	-0.0045	-0.1445	-0.6305
0.500	-0.1637	-0.0972	-0.0335	-0.1414	-0.6202
0.525	*******	-0.1075	-0.0395	-0.1426	-0.6339
0.550	-0.1771	-0.1163	-0.0454	-0.1415	-0.6320
0.575	*******	-0.1225	-0.0439	-0.1450	-0.6527
0.600	-0.1951	-0.1309	-0.0620	-0.1475	-0.6669
0.625	*******	*******	-0.0639	-0.1460	-0.6742
0.650	-0.2102	-0.1427	-0.0753	-0.1491	-0.6535
0.675	*******	-0.1633	-0.0878	-0.1564	-0.5632
0.700	-0.2203	-0.1818	-0.0982	-0.1607	-0.4648
0.725	*******	-0.2021	*******	-0.1676	-0.3816
0.750	-0.2277	-0.2222	*******	-0.1749	-0.2894
0.775	*******	-0.2436	-0.1558	-0.1935	-0.2051
0.800	-0.2273	-0.2655	-0.1878	-0.2131	*******
0.825	*******	-0.2865	-0.2233	-0.2202	-0.2470
0.850	-0.2267	-0.3056	-0.2649	-0.2689	-0.2729
0.875	*******	-0.3217	-0.3056	-0.3172	-0.3927
0.900	-0.2196	-0.3384	-0.3486	-0.3752	-0.6217
0.925	*******	-0.3511	-0.3852	-0.4295	-0.8088
0.950	-0.2086	-0.3523	-0.4171	-0.4771	-0.6287
0.975	*******	-0.3663	-0.4418	-0.5201	-0.6042
1.000	-0.0582	-0.2739	-0.3524	-0.5650	-0.4793
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0809	0.0923	0.1511	*******	-0.6427
-0.400	0.0691	0.0963	0.1185	-0.0357	-0.7266
-0.600	0.0740	0.0904	0.1075	-0.0035	-0.7275
-0.700	0.0903	0.0807	0.0990	0.0065	-0.7035
-0.800	0.1235	*******	0.0913	0.0220	-0.6476
-0.850	*******	0.1099	0.0933	0.0244	-0.6549
-0.900	*******	0.1416	0.1155	0.0397	-0.6635
-0.950	0.2203	0.1911	0.1692	0.0982	-0.2485
-0.975	*******	0.2196	0.2043	0.1466	-0.0774
-1.000	-0.0702	-0.2393	-0.4924	-0.4807	-0.3660

Surface Pressures



Medium Radius L.E.

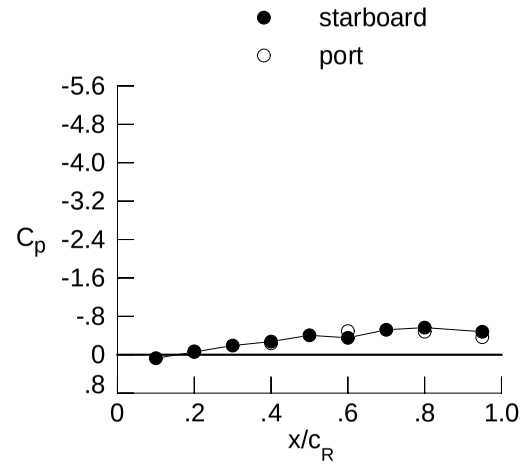
Run No. = 14 , Point No. = 290

C_N = 0.199, C_m = -0.0412

α = 4.8 °, M_∞ = 0.851

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

Leading Edge Pressures

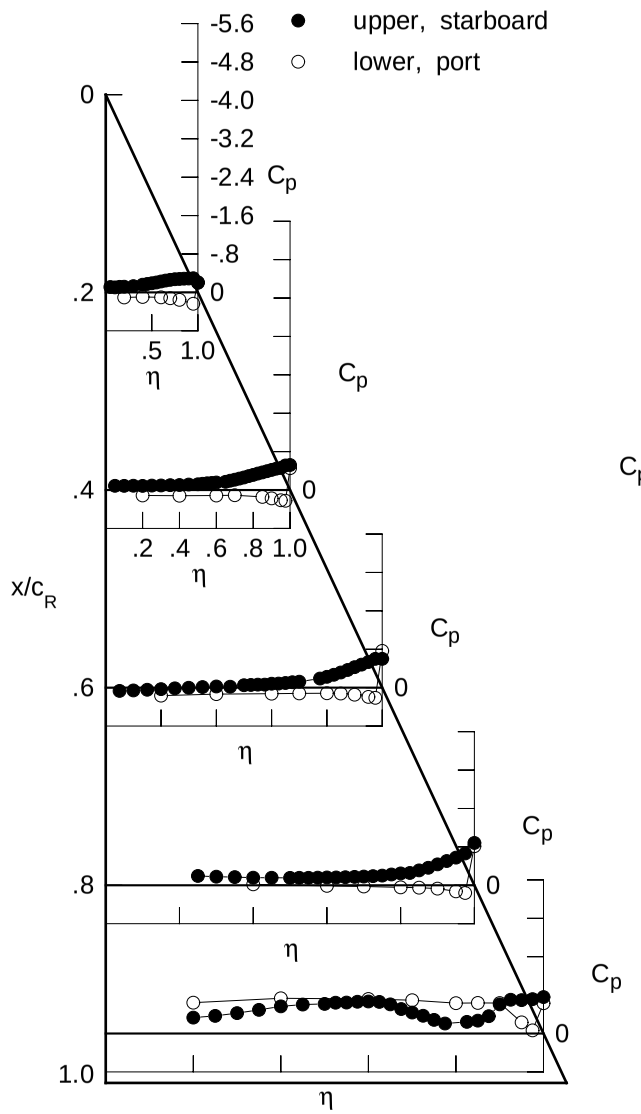


x/c_R	starb'd Cp	port Cp
0.10	0.0731	*******
0.20	-0.0582	-0.0702
0.30	-0.1910	*******
0.40	-0.2739	-0.2393
0.50	-0.4048	*******
0.60	-0.3524	-0.4924
0.70	-0.5199	*******
0.80	-0.5650	-0.4807
0.90	0.0081	*******
0.95	-0.4793	-0.3660

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	-0.1123	-0.0881	0.0680	*******	*******
0.100	-0.1038	-0.0873	0.0581	*******	*******
0.150	-0.1159	-0.0893	0.0437	*******	*******
0.200	-0.1187	-0.0862	0.0310	*******	-0.3313
0.250	*******	-0.0925	0.0143	-0.1941	-0.3673
0.300	-0.1306	-0.0948	0.0027	-0.1789	-0.4244
0.350	*******	-0.1019	-0.0119	-0.1701	-0.4925
0.400	-0.1597	-0.1045	-0.0237	-0.1587	-0.5655
0.450	-0.1753	-0.1143	-0.0189	-0.1569	-0.6029
0.500	-0.1907	-0.1199	-0.0501	-0.1548	-0.6170
0.525	*******	-0.1305	-0.0560	-0.1563	-0.6416
0.550	-0.2067	-0.1406	-0.0623	-0.1561	-0.6448
0.575	*******	-0.1472	-0.0622	-0.1595	-0.6619
0.600	-0.2276	-0.1572	-0.0817	-0.1633	-0.6668
0.625	*******	*******	-0.0847	-0.1632	-0.6587
0.650	-0.2464	-0.1714	-0.0967	-0.1678	-0.6070
0.675	*******	-0.1947	-0.1126	-0.1755	-0.5098
0.700	-0.2614	-0.2149	-0.1239	-0.1817	-0.4367
0.725	*******	-0.2382	*******	-0.1901	-0.3698
0.750	-0.2741	-0.2619	*******	-0.2019	-0.2842
0.775	*******	-0.2893	-0.1898	-0.2249	-0.2078
0.800	-0.2796	-0.3152	-0.2253	-0.2473	*******
0.825	*******	-0.3433	-0.2678	-0.2568	-0.2427
0.850	-0.2858	-0.3674	-0.3149	-0.3101	-0.2682
0.875	*******	-0.3929	-0.3682	-0.3646	-0.3607
0.900	-0.2890	-0.4193	-0.4266	-0.4356	-0.6073
0.925	*******	-0.4445	-0.4791	-0.5058	-0.7036
0.950	-0.2952	-0.4601	-0.5337	-0.5761	-0.6950
0.975	*******	-0.5118	-0.6002	-0.6635	-0.7163
1.000	-0.1989	-0.5219	-0.6002	-0.8827	-0.7596
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1056	0.1130	0.1668	*******	-0.6427
-0.400	0.0952	0.1185	0.1348	-0.0198	-0.7338
-0.600	0.1033	0.1143	0.1260	0.0123	-0.7194
-0.700	0.1215	0.1083	0.1197	0.0246	-0.6935
-0.800	0.1552	*******	0.1170	0.0436	-0.6323
-0.850	*******	0.1428	0.1224	0.0494	-0.6371
-0.900	*******	0.1736	0.1463	0.0696	-0.6347
-0.950	0.2369	0.2131	0.1930	0.1260	-0.2319
-0.975	*******	0.2233	0.2118	0.1600	-0.0655
-1.000	-0.2109	-0.4552	-0.7658	-0.8136	-0.6306

Surface Pressures



Medium Radius L.E.

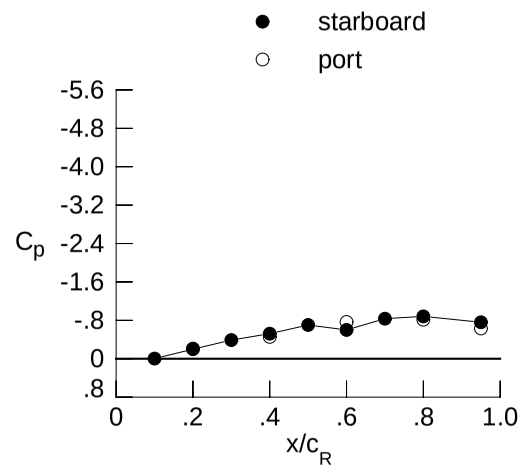
Run No. = 14 , Point No. = 291

C_N = 0.242, C_m = -0.0483

α = 5.8 °, M_∞ = 0.850

R_{mac} = 60.6×10^6

Leading Edge Pressures

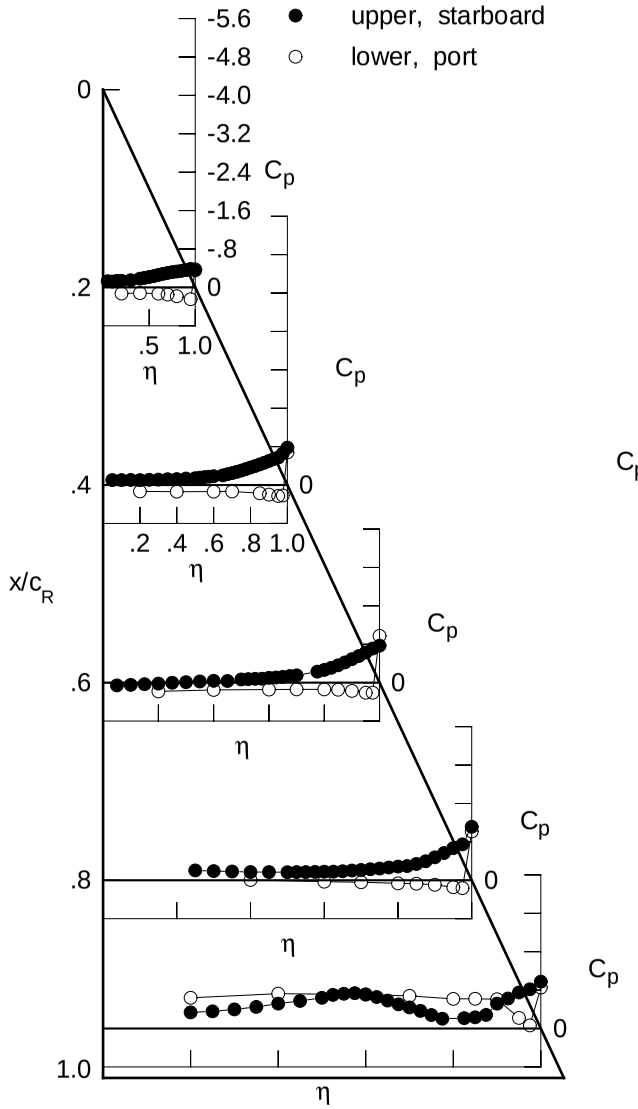


x/c_R	starb'd C_p	port C_p
0.10	-0.0035	*******
0.20	-0.1989	-0.2109
0.30	-0.3889	*******
0.40	-0.5219	-0.4552
0.50	-0.7029	*******
0.60	-0.6002	-0.7658
0.70	-0.8345	*******
0.80	-0.8827	-0.8136
0.90	-0.0374	*******
0.95	-0.7596	-0.6306

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	-0.1291	-0.1041	0.0574	*******	*******
0.100	-0.1216	-0.1028	0.0463	*******	*******
0.150	-0.1342	-0.1066	0.0319	*******	*******
0.200	-0.1368	-0.1033	0.0201	*******	-0.3361
0.250	*******	-0.1099	0.0021	-0.2056	-0.3579
0.300	-0.1492	-0.1128	-0.0097	-0.1914	-0.3986
0.350	*******	-0.1208	-0.0246	-0.1829	-0.4494
0.400	-0.1819	-0.1238	-0.0375	-0.1719	-0.5185
0.450	-0.1985	-0.1352	-0.0340	-0.1708	-0.5744
0.500	-0.2165	-0.1422	-0.0662	-0.1683	-0.6399
0.525	*******	-0.1537	-0.0728	-0.1712	-0.7007
0.550	-0.2349	-0.1648	-0.0801	-0.1705	-0.7244
0.575	*******	-0.1738	-0.0812	-0.1740	-0.7358
0.600	-0.2589	-0.1842	-0.1010	-0.1785	-0.7099
0.625	*******	*******	-0.1071	-0.1797	-0.6563
0.650	-0.2814	-0.2006	-0.1190	-0.1884	-0.5827
0.675	*******	-0.2256	-0.1380	-0.2030	-0.5031
0.700	-0.3007	-0.2477	-0.1524	-0.2156	-0.4390
0.725	*******	-0.2746	*******	-0.2307	-0.3675
0.750	-0.3188	-0.3015	*******	-0.2446	-0.2806
0.775	*******	-0.3330	-0.2291	-0.2662	-0.2041
0.800	-0.3311	-0.3648	-0.2651	-0.2859	*******
0.825	*******	-0.3963	-0.3086	-0.2971	-0.2156
0.850	-0.3450	-0.4299	-0.3613	-0.3400	-0.2330
0.875	*******	-0.4641	-0.4212	-0.3962	-0.2828
0.900	-0.3598	-0.5010	-0.4884	-0.4788	-0.5188
0.925	*******	-0.5412	-0.5545	-0.5682	-0.6245
0.950	-0.3847	-0.5722	-0.6282	-0.6700	-0.7504
0.975	*******	-0.6567	-0.7102	-0.7485	-0.8165
1.000	-0.3558	-0.7802	-0.7700	-1.1144	-0.9760
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1278	0.1329	0.1820	*******	-0.6396
-0.400	0.1191	0.1388	0.1519	-0.0060	-0.7258
-0.600	0.1306	0.1370	0.1440	0.0285	-0.7068
-0.700	0.1499	0.1332	0.1400	0.0411	-0.6798
-0.800	0.1836	*******	0.1399	0.0637	-0.6172
-0.850	*******	0.1713	0.1474	0.0713	-0.6191
-0.900	*******	0.1995	0.1717	0.0940	-0.6097
-0.950	0.2467	0.2281	0.2094	0.1451	-0.2211
-0.975	*******	0.2175	0.2099	0.1633	-0.0644
-1.000	-0.3749	-0.6795	-0.9743	-1.0178	-0.8525

Surface Pressures



Medium Radius L.E.

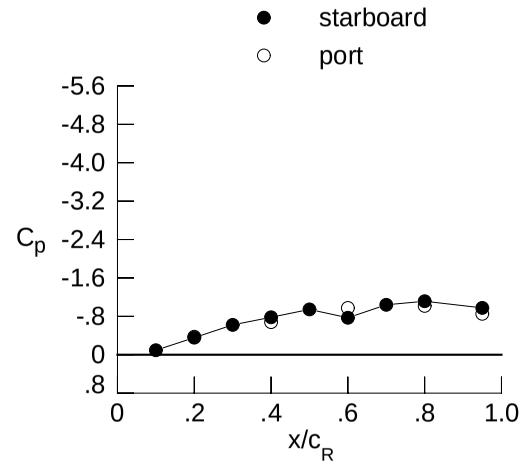
Run No. = 14 , Point No. = 292

C_N = 0.288, C_m = -0.0574

α = 6.9 °, M_∞ = 0.850

R_{mac} = 60.7×10^6

Leading Edge Pressures

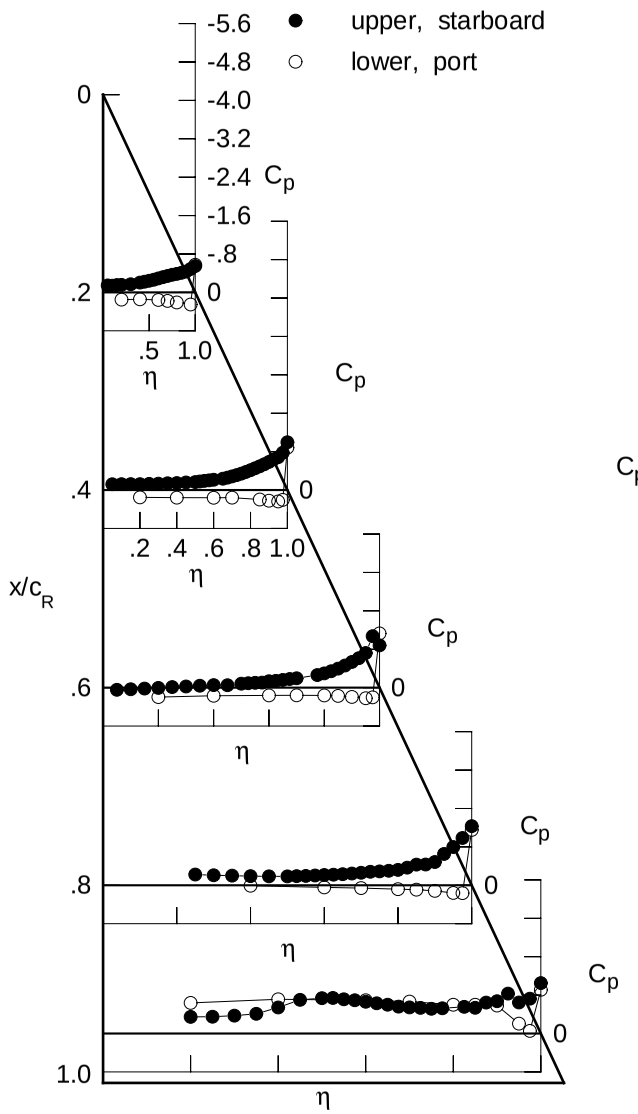


x/c_R	starb'd C_p	port C_p
0.10	-0.0935	*******
0.20	-0.3558	-0.3749
0.30	-0.6218	*******
0.40	-0.7802	-0.6795
0.50	-0.9438	*******
0.60	-0.7700	-0.9743
0.70	-1.0402	*******
0.80	-1.1144	-1.0178
0.90	-0.0810	*******
0.95	-0.9760	-0.8525

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	-0.1453	-0.1209	0.0445	*******	*******
0.100	-0.1403	-0.1221	0.0336	*******	*******
0.150	-0.1531	-0.1235	0.0190	*******	*******
0.200	-0.1567	-0.1221	0.0055	*******	-0.3466
0.250	*******	-0.1284	-0.0119	-0.2236	-0.3498
0.300	-0.1694	-0.1325	-0.0239	-0.2088	-0.3722
0.350	*******	-0.1410	-0.0399	-0.2007	-0.4102
0.400	-0.2041	-0.1454	-0.0526	-0.1900	-0.5421
0.450	-0.2226	-0.1577	-0.0507	-0.1865	-0.7019
0.500	-0.2421	-0.1659	-0.0827	-0.1859	-0.7362
0.525	*******	-0.1783	-0.0919	-0.1907	-0.7410
0.550	-0.2641	-0.1911	-0.1005	-0.1952	-0.7125
0.575	*******	-0.2014	-0.1050	-0.2038	-0.6928
0.600	-0.2911	-0.2148	-0.1333	-0.2146	-0.6613
0.625	*******	*******	-0.1417	-0.2211	-0.6296
0.650	-0.3178	-0.2357	-0.1603	-0.2313	-0.6002
0.675	*******	-0.2588	-0.1796	-0.2450	-0.5601
0.700	-0.3426	-0.2837	-0.1949	-0.2606	-0.5439
0.725	*******	-0.3113	*******	-0.2813	-0.5344
0.750	-0.3674	-0.3418	*******	-0.2899	-0.5153
0.775	*******	-0.3769	-0.2627	-0.3024	-0.5259
0.800	-0.3856	-0.4135	-0.2970	-0.3207	*******
0.825	*******	-0.4535	-0.3414	-0.3670	-0.5561
0.850	-0.4078	-0.4941	-0.3958	-0.4306	-0.5362
0.875	*******	-0.5374	-0.4611	-0.4329	-0.6442
0.900	-0.4340	-0.5859	-0.5350	-0.4846	-0.6730
0.925	*******	-0.6394	-0.6135	-0.6524	-0.8312
0.950	-0.4879	-0.6838	-0.7219	-0.7970	-0.6465
0.975	*******	-0.7772	-1.0723	-0.9856	-0.7259
1.000	-0.5492	-0.9950	-0.8805	-1.2319	-1.0501
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1503	0.1525	0.1969	*******	-0.6374
-0.400	0.1438	0.1586	0.1688	0.0090	-0.7131
-0.600	0.1574	0.1606	0.1619	0.0436	-0.6924
-0.700	0.1778	0.1584	0.1597	0.0582	-0.6651
-0.800	0.2098	*******	0.1623	0.0807	-0.5996
-0.850	*******	0.1974	0.1722	0.0915	-0.5992
-0.900	*******	0.2223	0.1937	0.1161	-0.5824
-0.950	0.2517	0.2377	0.2205	0.1595	-0.2058
-0.975	*******	0.2048	0.2016	0.1630	-0.0544
-1.000	-0.5749	-0.8830	-1.1294	-1.1525	-0.9103

Surface Pressures



Medium Radius L.E.

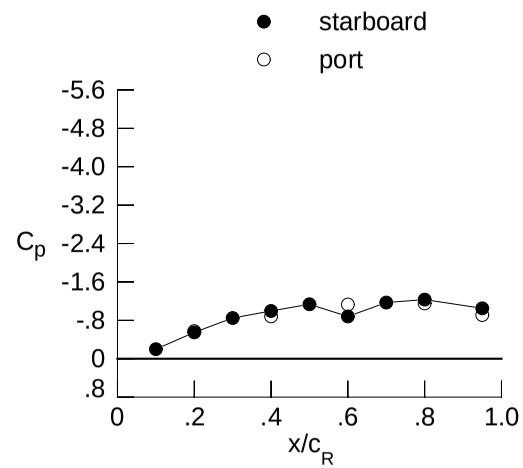
Run No. = 14 , Point No. = 293

C_N = 0.339, C_m = -0.0672

α = 7.9 °, M_∞ = 0.852

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

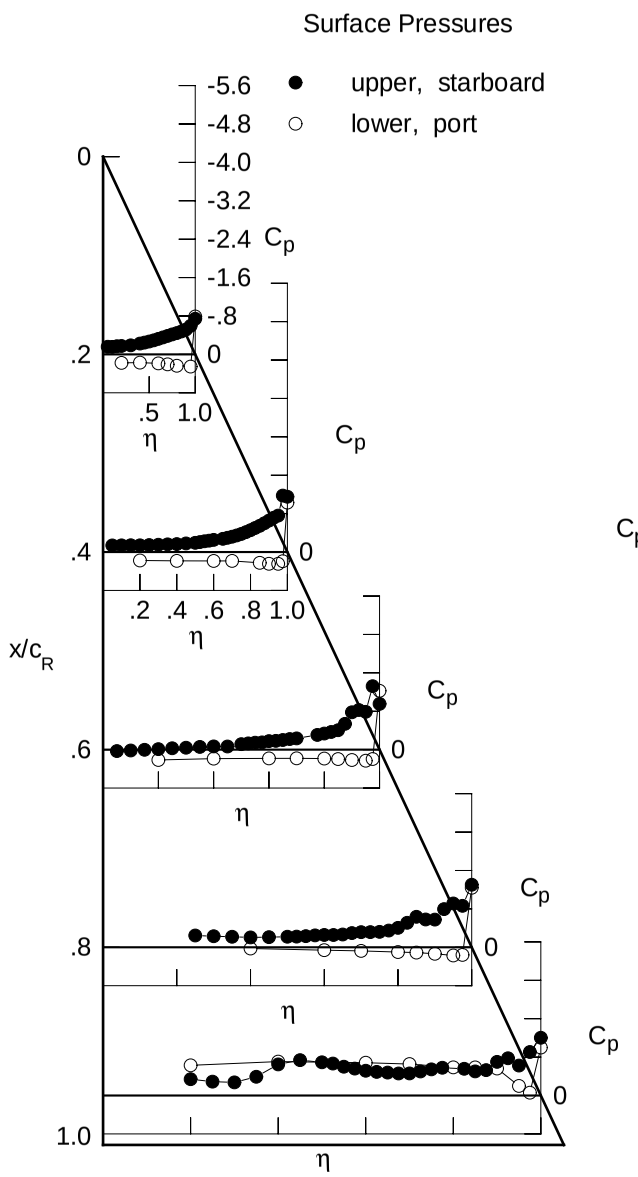
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.1984	*******
0.20	-0.5492	-0.5749
0.30	-0.8481	*******
0.40	-0.9950	-0.8830
0.50	-1.1346	*******
0.60	-0.8805	-1.1294
0.70	-1.1702	*******
0.80	-1.2319	-1.1525
0.90	-0.0981	*******
0.95	-1.0501	-0.9103

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	-0.1591	-0.1375	0.0299	*******	*******
0.100	-0.1566	-0.1392	0.0178	*******	*******
0.150	-0.1706	-0.1414	0.0031	*******	*******
0.200	-0.1752	-0.1400	-0.0101	*******	-0.3396
0.250	*******	-0.1460	-0.0286	-0.2454	-0.2887
0.300	-0.1892	-0.1519	-0.0402	-0.2303	-0.2732
0.350	*******	-0.1601	-0.0568	-0.2190	-0.3907
0.400	-0.2256	-0.1659	-0.0670	-0.2059	-0.6483
0.450	-0.2459	-0.1788	-0.0654	-0.2110	-0.7371
0.500	-0.2682	-0.1920	-0.1147	-0.2197	-0.6916
0.525	*******	-0.2072	-0.1302	-0.2228	-0.6660
0.550	-0.2928	-0.2238	-0.1446	-0.2320	-0.6001
0.575	*******	-0.2366	-0.1514	-0.2479	-0.5604
0.600	-0.3232	-0.2533	-0.1778	-0.2569	-0.5157
0.625	*******	*******	-0.1830	-0.2558	-0.4916
0.650	-0.3540	-0.2749	-0.2006	-0.2664	-0.4775
0.675	*******	-0.2971	-0.2209	-0.2957	-0.4591
0.700	-0.3845	-0.3195	-0.2347	-0.3154	-0.4599
0.725	*******	-0.3459	*******	-0.3159	-0.5005
0.750	-0.4163	-0.3764	*******	-0.3214	-0.5445
0.775	*******	-0.4142	-0.3065	-0.3487	-0.5781
0.800	-0.4440	-0.4550	-0.3355	-0.4046	*******
0.825	*******	-0.5005	-0.3680	-0.5107	-0.5565
0.850	-0.4775	-0.5461	-0.4047	-0.6353	-0.5024
0.875	*******	-0.5992	-0.5378	-0.5796	-0.5290
0.900	-0.5186	-0.6552	-0.7782	-0.5772	-0.7010
0.925	*******	-0.7139	-0.8254	-0.7952	-0.7762
0.950	-0.5949	-0.7591	-0.7883	-0.9124	-0.6241
0.975	*******	-1.1760	-1.3216	-0.8637	-0.9061
1.000	-0.7422	-1.1517	-0.9539	-1.3033	-1.2031
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1769	0.1759	0.2153	*******	-0.6289
-0.400	0.1710	0.1836	0.1872	0.0255	-0.7067
-0.600	0.1872	0.1856	0.1821	0.0604	-0.6829
-0.700	0.2073	0.1850	0.1811	0.0753	-0.6554
-0.800	0.2370	*******	0.1857	0.0995	-0.5861
-0.850	*******	0.2246	0.1958	0.1108	-0.5856
-0.900	*******	0.2446	0.2162	0.1349	-0.5624
-0.950	0.2539	0.2459	0.2306	0.1707	-0.1993
-0.975	*******	0.1912	0.1949	0.1580	-0.0596
-1.000	-0.7895	-1.0299	-1.2259	-1.2403	-0.9993



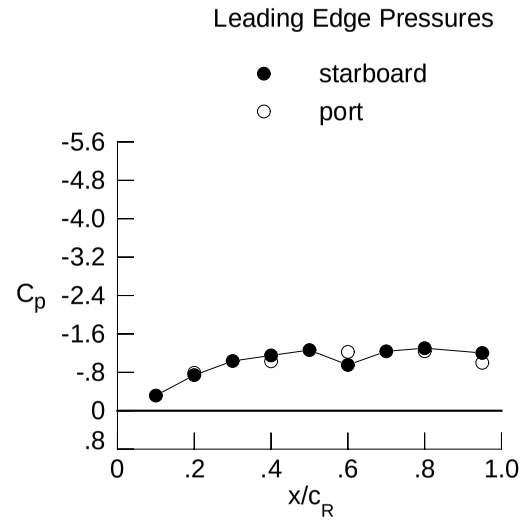
Medium Radius L.E.

Run No. = 14 , Point No. = 294

C_N = 0.392, C_m = -0.0775

α = 8.9 °, M_∞ = 0.850

$R_{mac} = 60.5 \times 10^6$

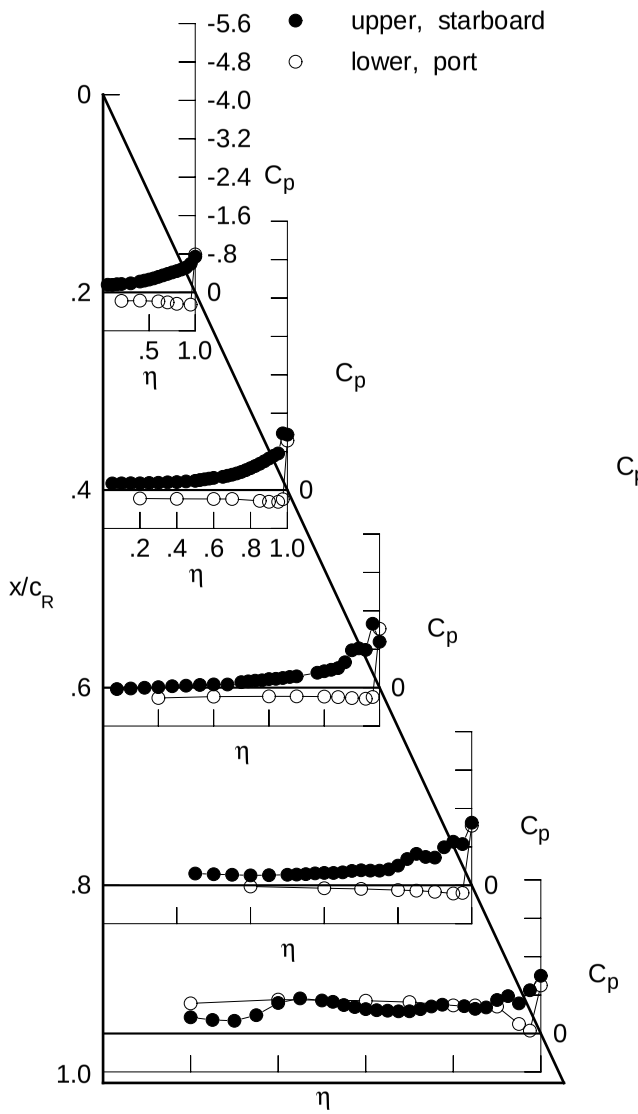


x/c_R	starb'd C_p	port C_p
0.10	-0.3160	*******
0.20	-0.7422	-0.7895
0.30	-1.0356	*******
0.40	-1.1517	-1.0299
0.50	-1.2640	*******
0.60	-0.9539	-1.2259
0.70	-1.2378	*******
0.80	-1.3033	-1.2403
0.90	-0.1136	*******
0.95	-1.2031	-0.9993

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	-0.1593	-0.1380	0.0296	*******	*******
0.100	-0.1560	-0.1394	0.0179	*******	*******
0.150	-0.1704	-0.1418	0.0027	*******	*******
0.200	-0.1743	-0.1399	-0.0105	*******	-0.3373
0.250	*******	-0.1469	-0.0293	-0.2451	-0.2822
0.300	-0.1889	-0.1508	-0.0404	-0.2303	-0.2650
0.350	*******	-0.1611	-0.0563	-0.2191	-0.3817
0.400	-0.2258	-0.1660	-0.0674	-0.2061	-0.6364
0.450	-0.2457	-0.1790	-0.0659	-0.2108	-0.7310
0.500	-0.2676	-0.1915	-0.1147	-0.2196	-0.6878
0.525	*******	-0.2076	-0.1312	-0.2230	-0.6601
0.550	-0.2920	-0.2236	-0.1450	-0.2322	-0.5927
0.575	*******	-0.2377	-0.1526	-0.2480	-0.5514
0.600	-0.3234	-0.2537	-0.1781	-0.2576	-0.5081
0.625	*******	*******	-0.1844	-0.2567	-0.4854
0.650	-0.3542	-0.2756	-0.2009	-0.2696	-0.4753
0.675	*******	-0.2978	-0.2226	-0.2992	-0.4628
0.700	-0.3847	-0.3191	-0.2350	-0.3130	-0.4635
0.725	*******	-0.3459	*******	-0.3055	-0.5073
0.750	-0.4163	-0.3768	*******	-0.3050	-0.5634
0.775	*******	-0.4143	-0.3106	-0.3323	-0.6000
0.800	-0.4437	-0.4560	-0.3415	-0.4100	*******
0.825	*******	-0.4999	-0.3720	-0.5471	-0.5693
0.850	-0.4772	-0.5472	-0.4070	-0.6548	-0.5136
0.875	*******	-0.5993	-0.5284	-0.5903	-0.5431
0.900	-0.5184	-0.6564	-0.7782	-0.5768	-0.6980
0.925	*******	-0.7134	-0.8185	-0.7916	-0.7789
0.950	-0.5949	-0.7622	-0.7863	-0.9070	-0.6283
0.975	*******	-1.1804	-1.3301	-0.8583	-0.9015
1.000	-0.7429	-1.1537	-0.9562	-1.3041	-1.2031
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1773	0.1761	0.2154	*******	-0.6278
-0.400	0.1714	0.1833	0.1872	0.0250	-0.7063
-0.600	0.1874	0.1864	0.1817	0.0613	-0.6834
-0.700	0.2079	0.1864	0.1817	0.0755	-0.6544
-0.800	0.2377	*******	0.1867	0.1002	-0.5859
-0.850	*******	0.2253	0.1965	0.1119	-0.5852
-0.900	*******	0.2445	0.2166	0.1356	-0.5617
-0.950	0.2540	0.2460	0.2310	0.1710	-0.1985
-0.975	*******	0.1913	0.1950	0.1583	-0.0598
-1.000	-0.7902	-1.0304	-1.2267	-1.2411	-1.0021

Surface Pressures



Medium Radius L.E.

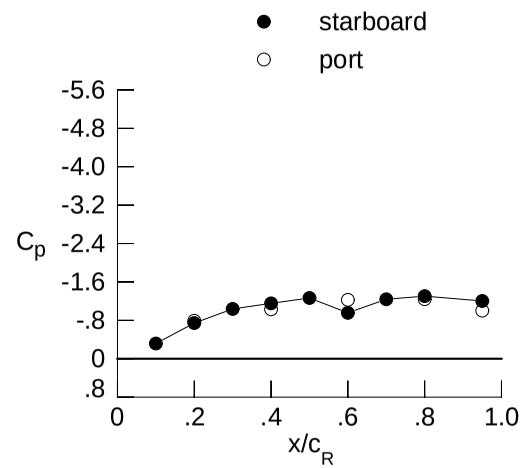
Run No. = 14 , Point No. = 295

C_N = 0.395, C_m = -0.0791

α = 9.0 °, M_∞ = 0.849

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

Leading Edge Pressures

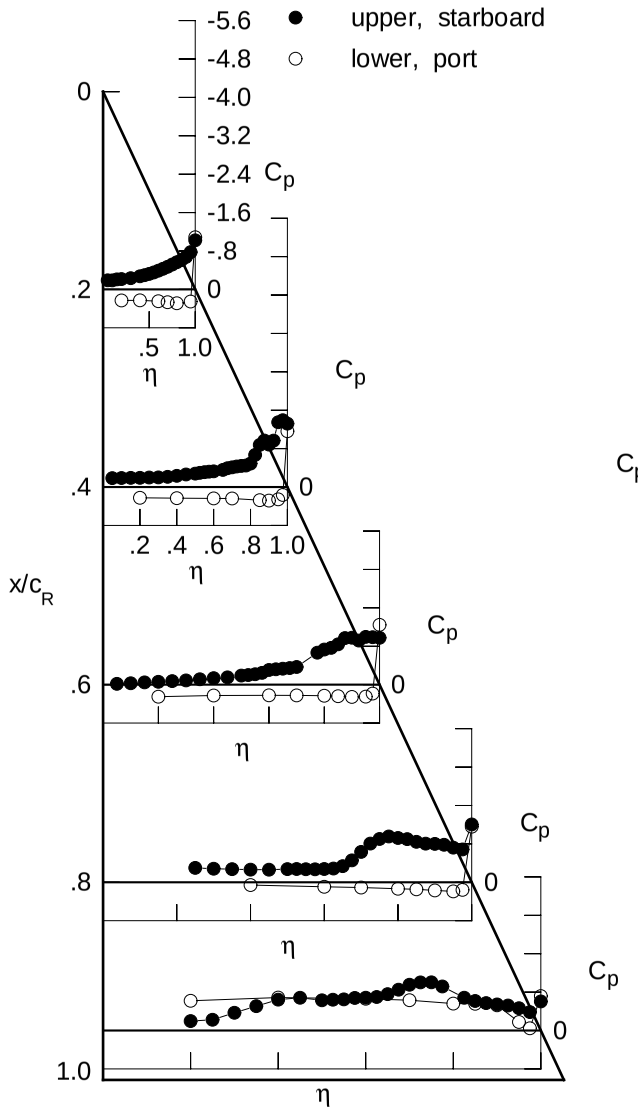


x/c_R	starb'd C_p	port C_p
0.10	-0.3166	*******
0.20	-0.7429	-0.7902
0.30	-1.0375	*******
0.40	-1.1537	-1.0304
0.50	-1.2653	*******
0.60	-0.9562	-1.2267
0.70	-1.2386	*******
0.80	-1.3041	-1.2411
0.90	-0.1134	*******
0.95	-1.2031	-1.0021

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	-0.1895	-0.1855	-0.0166	*******	*******
0.100	-0.1883	-0.1879	-0.0291	*******	*******
0.150	-0.2086	-0.1912	-0.0469	*******	*******
0.200	-0.2155	-0.1918	-0.0593	*******	-0.1964
0.250	*******	-0.1984	-0.0736	-0.3002	-0.2240
0.300	-0.2334	-0.2005	-0.0876	-0.2820	-0.3696
0.350	*******	-0.2128	-0.1117	-0.2734	-0.5072
0.400	-0.2724	-0.2337	-0.1356	-0.2634	-0.6433
0.450	-0.2960	-0.2616	-0.1524	-0.2624	-0.6826
0.500	-0.3224	-0.2795	-0.1886	-0.2747	-0.6295
0.525	*******	-0.2961	-0.2003	-0.2768	-0.6418
0.550	-0.3527	-0.3094	-0.2166	-0.2720	-0.6489
0.575	*******	-0.3198	-0.2452	-0.2702	-0.6786
0.600	-0.3897	-0.3274	-0.3057	-0.2767	-0.6835
0.625	*******	*******	-0.3201	-0.2865	-0.6987
0.650	-0.4288	-0.3564	-0.3317	-0.3363	-0.7575
0.675	*******	-0.3923	-0.3454	-0.4571	-0.8505
0.700	-0.4705	-0.4107	-0.3679	-0.6326	-0.9533
0.725	*******	-0.4284	*******	-0.8064	-1.0024
0.750	-0.5174	-0.4402	*******	-0.9021	-1.0036
0.775	*******	-0.4483	-0.6656	-0.9544	-0.9174
0.800	-0.5659	-0.4890	-0.7312	-0.9231	*******
0.825	*******	-0.6696	-0.7668	-0.8992	-0.6832
0.850	-0.6105	-0.8776	-0.8403	-0.8433	-0.6149
0.875	*******	-0.9690	-0.9704	-0.8048	-0.5710
0.900	-0.6753	-0.8841	-0.9779	-0.8001	-0.5430
0.925	*******	-0.9675	-0.9184	-0.7819	-0.5206
0.950	-0.7771	-1.3493	-0.9954	-0.7220	-0.4647
0.975	*******	-1.3922	-0.9880	-0.6838	-0.3836
1.000	-1.0220	-1.3205	-0.9760	-1.2046	-0.6056
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2308	0.2242	0.2513	*******	-0.6193
-0.400	0.2279	0.2320	0.2263	0.0580	-0.6866
-0.600	0.2465	0.2371	0.2228	0.0937	-0.6620
-0.700	0.2670	0.2388	0.2240	0.1095	-0.6311
-0.800	0.2889	*******	0.2310	0.1343	-0.5612
-0.850	*******	0.2736	0.2410	0.1467	-0.5569
-0.900	*******	0.2820	0.2556	0.1694	-0.5250
-0.950	0.2525	0.2561	0.2493	0.1896	-0.1779
-0.975	*******	0.1647	0.1857	0.1579	-0.0467
-1.000	-1.0864	-1.1627	-1.2459	-1.1585	-0.7175

Surface Pressures



Medium Radius L.E.

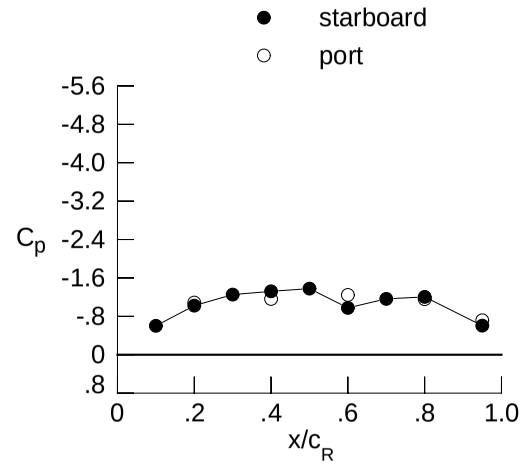
Run No. = 14 , Point No. = 296

C_N = 0.516, C_m = -0.1009

α = 11.1 °, M_∞ = 0.851

R_{mac} = 60.5×10^6

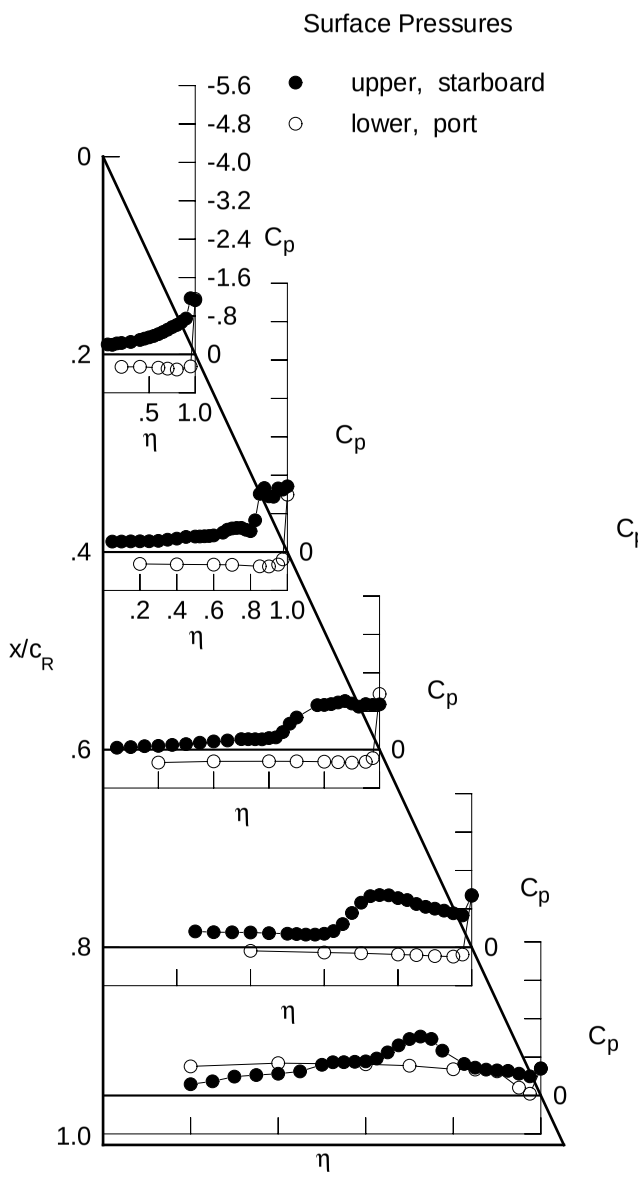
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.6022	*******
0.20	-1.0220	-1.0864
0.30	-1.2528	*******
0.40	-1.3205	-1.1627
0.50	-1.3778	*******
0.60	-0.9760	-1.2459
0.70	-1.1641	*******
0.80	-1.2046	-1.1585
0.90	-0.1049	*******
0.95	-0.6056	-0.7175

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	-0.2075	-0.2173	-0.0402	*******	*******
0.100	-0.1990	-0.2185	-0.0527	*******	*******
0.150	-0.2288	-0.2226	-0.0717	*******	*******
0.200	-0.2376	-0.2239	-0.0780	*******	-0.2353
0.250	*******	-0.2245	-0.0984	-0.3301	-0.2950
0.300	-0.2591	-0.2329	-0.1153	-0.3144	-0.3937
0.350	*******	-0.2567	-0.1443	-0.3117	-0.4261
0.400	-0.3009	-0.2789	-0.1716	-0.3080	-0.4533
0.450	-0.3278	-0.3148	-0.1909	-0.2944	-0.5014
0.500	-0.3548	-0.3223	-0.2180	-0.2826	-0.6396
0.525	*******	-0.3242	-0.2174	-0.2758	-0.6931
0.550	-0.3837	-0.3286	-0.2169	-0.2638	-0.6945
0.575	*******	-0.3339	-0.2148	-0.2638	-0.7025
0.600	-0.4212	-0.3454	-0.2408	-0.2813	-0.7109
0.625	*******	*******	-0.2552	-0.3374	-0.7703
0.650	-0.4654	-0.4035	-0.3654	-0.4833	-0.8982
0.675	*******	-0.4658	-0.5398	-0.7144	-1.0444
0.700	-0.5141	-0.4910	-0.6698	-0.9286	-1.1765
0.725	*******	-0.5013	*******	-1.0645	-1.2283
0.750	-0.5689	-0.5034	*******	-1.0882	-1.1787
0.775	*******	-0.4643	-0.9263	-1.0833	-0.9342
0.800	-0.6124	-0.4353	-0.9309	-1.0245	*******
0.825	*******	-0.6616	-0.9492	-0.9836	-0.6572
0.850	-0.6697	-1.2118	-0.9825	-0.9018	-0.5796
0.875	*******	-1.3332	-1.0128	-0.8425	-0.5392
0.900	-0.7474	-1.1602	-0.9608	-0.8040	-0.5231
0.925	*******	-1.1516	-0.8955	-0.7628	-0.5135
0.950	-1.1695	-1.3256	-0.9485	-0.7089	-0.4543
0.975	*******	-1.3011	-0.9314	-0.6644	-0.3988
1.000	-1.1289	-1.3691	-0.9430	-1.0731	-0.5664
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2599	0.2480	0.2696	*******	-0.6066
-0.400	0.2587	0.2571	0.2444	0.0740	-0.6744
-0.600	0.2779	0.2627	0.2426	0.1092	-0.6515
-0.700	0.2964	0.2660	0.2442	0.1246	-0.6205
-0.800	0.3151	*******	0.2513	0.1503	-0.5474
-0.850	*******	0.2973	0.2605	0.1621	-0.5409
-0.900	*******	0.2998	0.2711	0.1835	-0.5031
-0.950	0.2504	0.2610	0.2536	0.1947	-0.1638
-0.975	*******	0.1524	0.1767	0.1505	-0.0367
-1.000	-1.1549	-1.1954	-1.1593	-1.0880	-0.5579



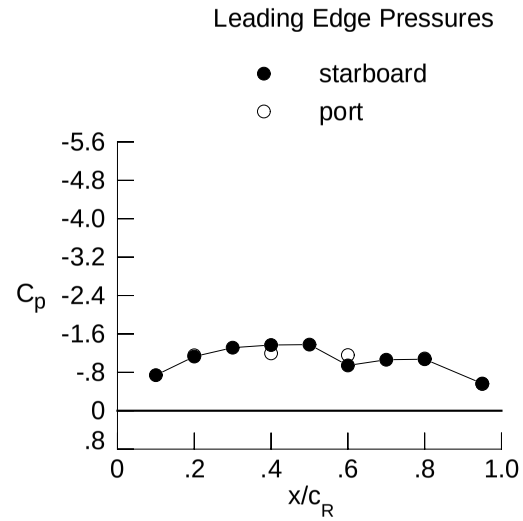
Medium Radius L.E.

Run No. = 14 , Point No. = 297

C_N = 0.579, C_m = -0.1122

α = 12.1 °, M_∞ = 0.851

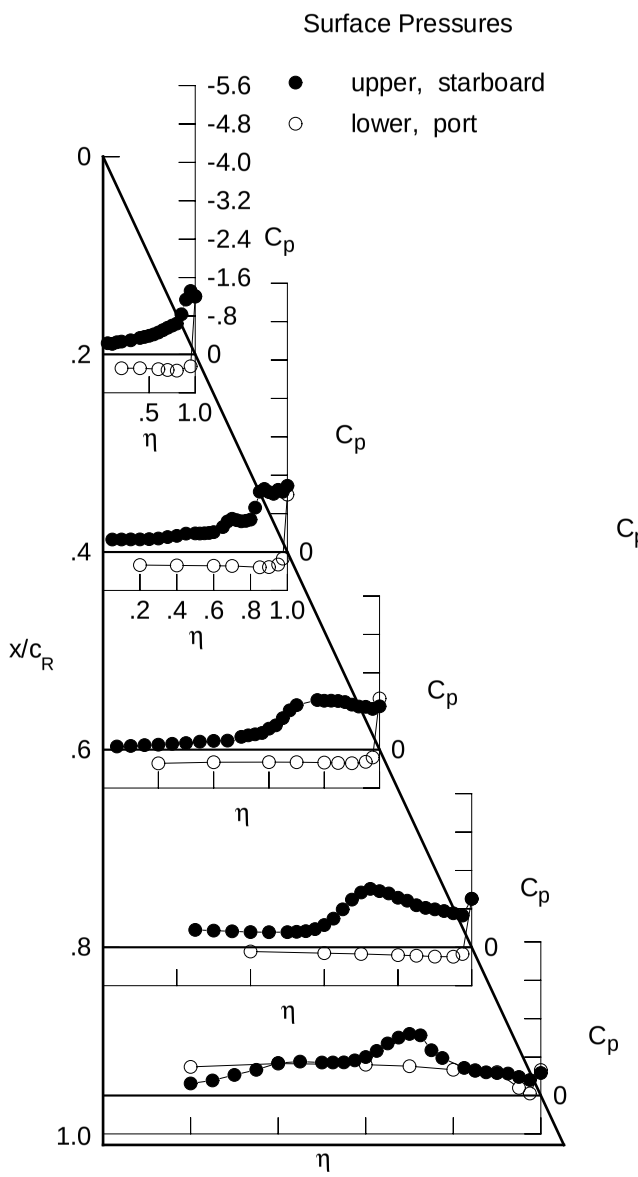
$R_{mac} = 60.5 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.7412	*******
0.20	-1.1289	-1.1549
0.30	-1.3137	*******
0.40	-1.3691	-1.1954
0.50	-1.3776	*******
0.60	-0.9430	-1.1593
0.70	-1.0625	*******
0.80	-1.0731	-1.0880
0.90	-0.0956	*******
0.95	-0.5664	-0.5579

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	-0.2326	-0.2606	-0.0656	*******	*******
0.100	-0.2191	-0.2613	-0.0764	*******	*******
0.150	-0.2527	-0.2630	-0.0943	*******	*******
0.200	-0.2667	-0.2634	-0.1033	*******	-0.2509
0.250	*******	-0.2686	-0.1217	-0.3627	-0.3137
0.300	-0.2940	-0.2817	-0.1371	-0.3469	-0.4288
0.350	*******	-0.3120	-0.1663	-0.3325	-0.5349
0.400	-0.3425	-0.3364	-0.1828	-0.3172	-0.6775
0.450	-0.3641	-0.3830	-0.1881	-0.3143	-0.7065
0.500	-0.3873	-0.3878	-0.2663	-0.3151	-0.6873
0.525	*******	-0.3853	-0.2977	-0.3225	-0.6883
0.550	-0.4166	-0.3901	-0.3188	-0.3364	-0.6904
0.575	*******	-0.3979	-0.3473	-0.3781	-0.7321
0.600	-0.4562	-0.4142	-0.4372	-0.4630	-0.8015
0.625	*******	*******	-0.5067	-0.5968	-0.9286
0.650	-0.5048	-0.5209	-0.6562	-0.7907	-1.0849
0.675	*******	-0.6365	-0.8187	-0.9925	-1.2061
0.700	-0.5547	-0.6927	-0.9271	-1.1415	-1.2830
0.725	*******	-0.6643	*******	-1.2167	-1.2533
0.750	-0.5997	-0.6398	*******	-1.1697	-0.9434
0.775	*******	-0.6493	-1.0334	-1.1219	-0.7812
0.800	-0.6420	-0.6754	-1.0187	-1.0319	*******
0.825	*******	-0.9245	-1.0202	-0.9701	-0.5751
0.850	-0.8354	-1.2564	-1.0139	-0.8758	-0.5144
0.875	*******	-1.3143	-0.9911	-0.8205	-0.4829
0.900	-1.1417	-1.2487	-0.9372	-0.7901	-0.4677
0.925	*******	-1.2129	-0.8976	-0.7551	-0.4576
0.950	-1.3212	-1.2961	-0.8922	-0.7084	-0.3863
0.975	*******	-1.2563	-0.8488	-0.6612	-0.3234
1.000	-1.2132	-1.3800	-0.9026	-1.0109	-0.4691
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2886	0.2713	0.2858	*******	-0.5964
-0.400	0.2880	0.2793	0.2625	0.0880	-0.6651
-0.600	0.3079	0.2865	0.2601	0.1227	-0.6422
-0.700	0.3248	0.2902	0.2617	0.1391	-0.6107
-0.800	0.3386	*******	0.2694	0.1634	-0.5369
-0.850	*******	0.3173	0.2772	0.1757	-0.5283
-0.900	*******	0.3138	0.2834	0.1945	-0.4869
-0.950	0.2476	0.2610	0.2533	0.1965	-0.1593
-0.975	*******	0.1367	0.1624	0.1392	-0.0426
-1.000	-1.2023	-1.1957	-1.0655	-1.0085	-0.5305



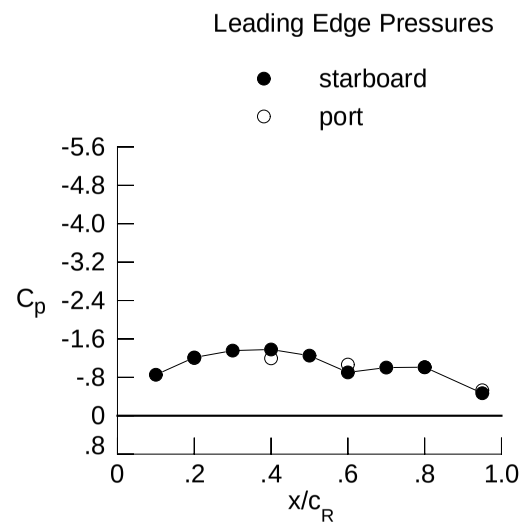
Medium Radius L.E.

Run No. = 14 , Point No. = 298

C_N = 0.642, C_m = -0.1217

α = 13.2 °, M_∞ = 0.852

R_{mac} = 60.6×10^6

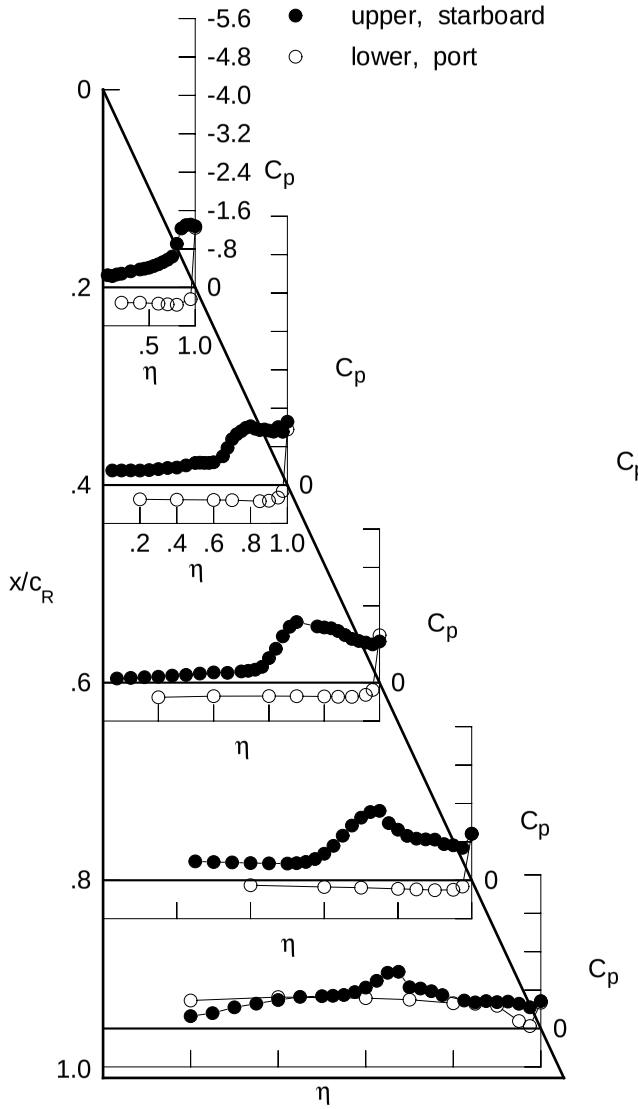


x/c_R	starb'd Cp	port Cp
0.10	-0.8536	*******
0.20	-1.2132	-1.2023
0.30	-1.3570	*******
0.40	-1.3800	-1.1957
0.50	-1.2517	*******
0.60	-0.9026	-1.0655
0.70	-1.0034	*******
0.80	-1.0109	-1.0085
0.90	-0.0840	*******
0.95	-0.4691	-0.5305

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	-0.2539	-0.3029	-0.0861	*******	*******
0.100	-0.2352	-0.3032	-0.0984	*******	*******
0.150	-0.2698	-0.3051	-0.1131	*******	*******
0.200	-0.2860	-0.3024	-0.1234	*******	-0.2579
0.250	*******	-0.3109	-0.1467	-0.3939	-0.3204
0.300	-0.3345	-0.3319	-0.1608	-0.3804	-0.4413
0.350	*******	-0.3550	-0.1894	-0.3720	-0.5179
0.400	-0.3727	-0.3637	-0.2127	-0.3586	-0.5939
0.450	-0.3898	-0.4092	-0.2044	-0.3527	-0.6590
0.500	-0.4114	-0.4596	-0.2334	-0.3479	-0.6736
0.525	*******	-0.4654	-0.2464	-0.3572	-0.6819
0.550	-0.4455	-0.4616	-0.2699	-0.3825	-0.6987
0.575	*******	-0.4617	-0.3293	-0.4434	-0.7594
0.600	-0.4816	-0.4741	-0.5115	-0.5527	-0.8524
0.625	*******	*******	-0.7062	-0.7174	-0.9938
0.650	-0.5264	-0.5993	-0.9643	-0.9291	-1.1610
0.675	*******	-0.7737	-1.1638	-1.1396	-1.1813
0.700	-0.5765	-0.9550	-1.2622	-1.3048	-0.8601
0.725	*******	-1.0579	*******	-1.4213	-0.8327
0.750	-0.6427	-1.1236	*******	-1.4461	-0.7768
0.775	*******	-1.1910	-1.1707	-1.1909	-0.6959
0.800	-0.9070	-1.2244	-1.1493	-1.0539	*******
0.825	*******	-1.1737	-1.1326	-0.9251	-0.5835
0.850	-1.2272	-1.1452	-1.0764	-0.8668	-0.5444
0.875	*******	-1.1576	-0.9915	-0.8521	-0.5709
0.900	-1.2972	-1.1344	-0.9114	-0.8471	-0.5495
0.925	*******	-1.1121	-0.8679	-0.7535	-0.5609
0.950	-1.3079	-1.2061	-0.8345	-0.7289	-0.5159
0.975	*******	-1.1095	-0.7967	-0.6763	-0.4420
1.000	-1.2739	-1.3187	-0.8577	-0.9688	-0.5712
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3195	0.2978	0.3055	*******	-0.5836
-0.400	0.3188	0.3054	0.2817	0.1032	-0.6547
-0.600	0.3383	0.3109	0.2796	0.1394	-0.6324
-0.700	0.3532	0.3151	0.2821	0.1539	-0.6005
-0.800	0.3624	*******	0.2881	0.1783	-0.5265
-0.850	*******	0.3369	0.2945	0.1895	-0.5163
-0.900	*******	0.3269	0.2962	0.2060	-0.4727
-0.950	0.2446	0.2619	0.2544	0.1978	-0.1549
-0.975	*******	0.1242	0.1509	0.1294	-0.0506
-1.000	-1.2399	-1.1579	-0.9876	-0.9696	-0.5377

Surface Pressures



Medium Radius L.E.

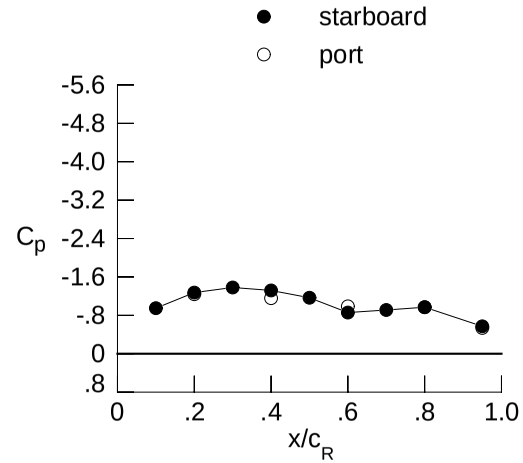
Run No. = 14 , Point No. = 299

C_N = 0.699, C_m = -0.1274

α = 14.3 °, M_∞ = 0.852

R_{mac} = 61.0×10^6

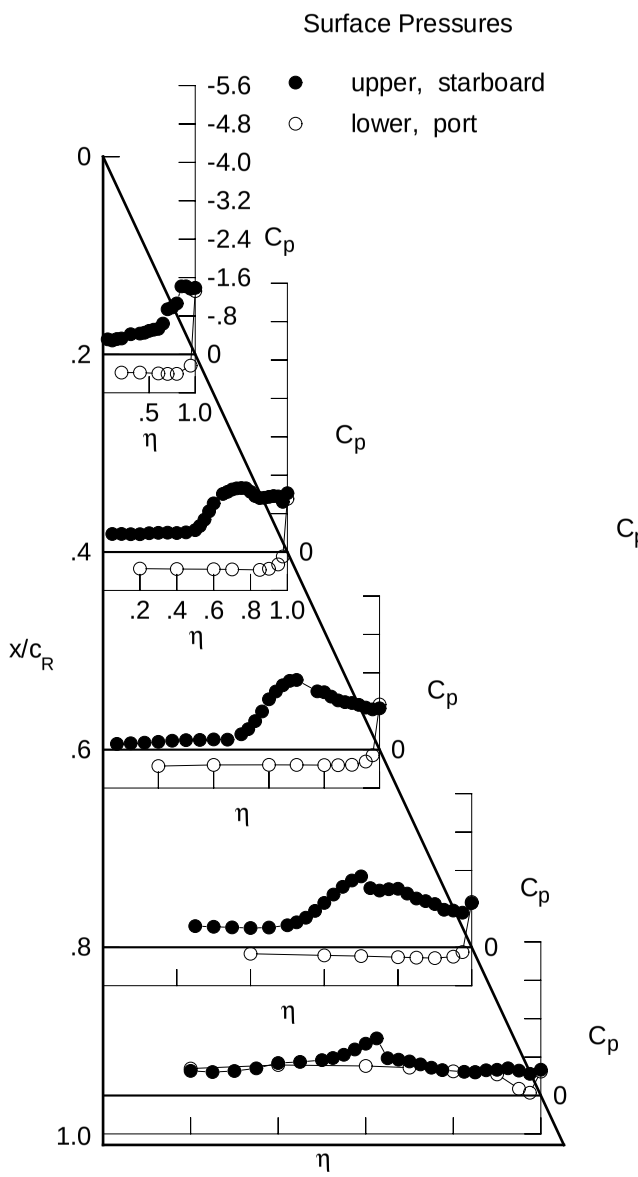
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-0.9490	*******
0.20	-1.2739	-1.2399
0.30	-1.3800	*******
0.40	-1.3187	-1.1579
0.50	-1.1662	*******
0.60	-0.8577	-0.9876
0.70	-0.9109	*******
0.80	-0.9688	-0.9696
0.90	-0.0858	*******
0.95	-0.5712	-0.5377

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	-0.3133	-0.3762	-0.1201	*******	*******
0.100	-0.2898	-0.3771	-0.1329	*******	*******
0.150	-0.3198	-0.3709	-0.1447	*******	*******
0.200	-0.3309	-0.3713	-0.1628	*******	-0.5131
0.250	*******	-0.3916	-0.1854	-0.4409	-0.4888
0.300	-0.4197	-0.4003	-0.1973	-0.4273	-0.5104
0.350	*******	-0.4031	-0.2023	-0.4146	-0.5654
0.400	-0.4337	-0.3962	-0.2130	-0.4013	-0.6769
0.450	-0.4516	-0.4095	-0.2077	-0.4108	-0.7003
0.500	-0.4908	-0.4561	-0.3198	-0.4581	-0.7369
0.525	*******	-0.5424	-0.4270	-0.5203	-0.7809
0.550	-0.5147	-0.6741	-0.5943	-0.6163	-0.8492
0.575	*******	-0.8481	-0.7950	-0.7583	-0.9595
0.600	-0.5321	-1.0134	-1.0487	-0.9244	-1.0790
0.625	*******	*******	-1.2114	-1.0980	-1.1894
0.650	-0.6416	-1.2100	-1.3412	-1.2594	-0.7770
0.675	*******	-1.2533	-1.4330	-1.3909	-0.7462
0.700	-0.9399	-1.3026	-1.4517	-1.4768	-0.7096
0.725	*******	-1.3266	*******	-1.2323	-0.6482
0.750	-0.9788	-1.3335	*******	-1.1813	-0.5794
0.775	*******	-1.3280	-1.2146	-1.2092	-0.5288
0.800	-1.0619	-1.2541	-1.1960	-1.2190	*******
0.825	*******	-1.1673	-1.1051	-1.1184	-0.4940
0.850	-1.4169	-1.1245	-1.0259	-1.0159	-0.4809
0.875	*******	-1.1293	-0.9895	-0.9616	-0.5258
0.900	-1.4173	-1.1493	-0.9721	-0.9007	-0.5362
0.925	*******	-1.1664	-0.9327	-0.7818	-0.5674
0.950	-1.3679	-1.1587	-0.8762	-0.7652	-0.5181
0.975	*******	-1.0457	-0.8382	-0.7211	-0.4518
1.000	-1.3866	-1.2257	-0.8606	-0.9217	-0.5372
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3794	0.3454	0.3427	*******	-0.5619
-0.400	0.3790	0.3543	0.3184	0.1348	-0.6355
-0.600	0.3965	0.3584	0.3169	0.1689	-0.6151
-0.700	0.4067	0.3626	0.3185	0.1835	-0.5805
-0.800	0.4057	*******	0.3221	0.2065	-0.5032
-0.850	*******	0.3722	0.3243	0.2161	-0.4886
-0.900	*******	0.3489	0.3157	0.2252	-0.4403
-0.950	0.2343	0.2584	0.2478	0.1964	-0.1403
-0.975	*******	0.0930	0.1175	0.1001	-0.0576
-1.000	-1.3181	-1.1078	-0.9403	-0.9424	-0.4983



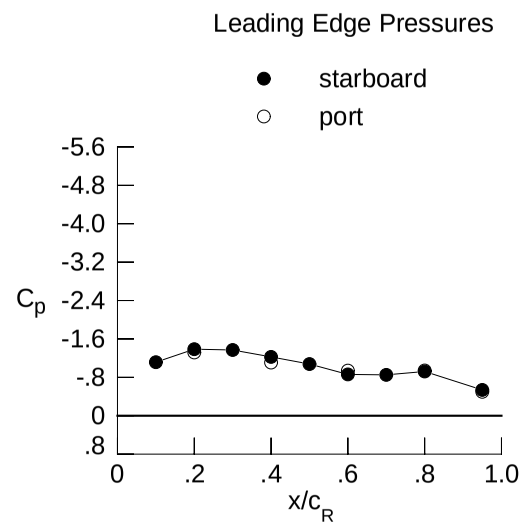
Medium Radius L.E.

Run No. = 14 , Point No. = 300

C_N = 0.809, C_m = -0.1396

α = 16.3 °, M_∞ = 0.851

R_{mac} = 61.0×10^6

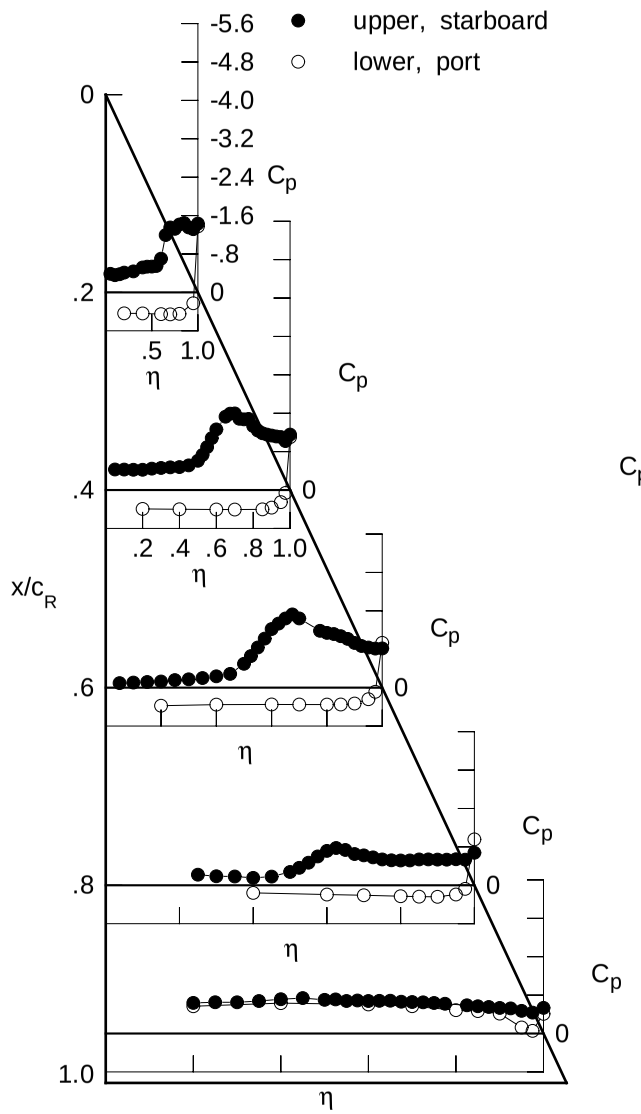


x/c_R	starb'd C_p	port C_p
0.10	-1.1154	*******
0.20	-1.3866	-1.3181
0.30	-1.3695	*******
0.40	-1.2257	-1.1078
0.50	-1.0770	*******
0.60	-0.8606	-0.9403
0.70	-0.8515	*******
0.80	-0.9217	-0.9424
0.90	-0.0542	*******
0.95	-0.5372	-0.4983

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	-0.3875	-0.4284	-0.0943	*******	*******
0.100	-0.3584	-0.4265	-0.1054	*******	*******
0.150	-0.3781	-0.4224	-0.1179	*******	*******
0.200	-0.4117	-0.4227	-0.1281	*******	-0.6372
0.250	*******	-0.4454	-0.1573	-0.2207	-0.6509
0.300	-0.4380	-0.4604	-0.1736	-0.1880	-0.6502
0.350	*******	-0.4727	-0.1998	-0.1836	-0.6768
0.400	-0.5192	-0.4782	-0.2359	-0.1547	-0.7143
0.450	-0.5362	-0.5135	-0.2863	-0.1811	-0.7381
0.500	-0.5378	-0.6098	-0.4968	-0.2779	-0.7014
0.525	*******	-0.7314	-0.6575	-0.3637	-0.7101
0.550	-0.5501	-0.8945	-0.8366	-0.4700	-0.6779
0.575	*******	-1.0816	-1.0217	-0.6006	-0.6877
0.600	-0.7021	-1.2630	-1.2206	-0.7172	-0.6779
0.625	*******	*******	-1.3341	-0.7771	-0.6809
0.650	-1.1944	-1.5280	-1.4410	-0.7357	-0.6833
0.675	*******	-1.5911	-1.5257	-0.6515	-0.6621
0.700	-1.3525	-1.5961	-1.4413	-0.6228	-0.6557
0.725	*******	-1.4845	*******	-0.5820	-0.6492
0.750	-1.3242	-1.4727	*******	-0.5385	-0.6357
0.775	*******	-1.4818	-1.1843	-0.5211	-0.6201
0.800	-1.4144	-1.3339	-1.1404	-0.5168	*******
0.825	*******	-1.2403	-1.1170	-0.5177	-0.5879
0.850	-1.4459	-1.1828	-1.0717	-0.5383	-0.5683
0.875	*******	-1.1550	-1.0157	-0.5393	-0.5528
0.900	-1.3540	-1.1351	-0.9314	-0.5351	-0.5328
0.925	*******	-1.1161	-0.8676	-0.5335	-0.5233
0.950	-1.3166	-1.1038	-0.8357	-0.5420	-0.4719
0.975	*******	-1.0203	-0.8133	-0.5335	-0.4351
1.000	-1.4330	-1.1553	-0.8167	-0.6778	-0.5346
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4368	0.3935	0.3765	*******	-0.5680
-0.400	0.4381	0.4007	0.3540	0.1581	-0.6330
-0.600	0.4530	0.4056	0.3501	0.1928	-0.6057
-0.700	0.4576	0.4065	0.3521	0.2078	-0.5687
-0.800	0.4467	*******	0.3525	0.2280	-0.4867
-0.850	*******	0.4025	0.3510	0.2364	-0.4675
-0.900	*******	0.3664	0.3314	0.2403	-0.4143
-0.950	0.2268	0.2522	0.2405	0.1920	-0.1258
-0.975	*******	0.0612	0.0861	0.0746	-0.0556
-1.000	-1.3753	-1.1008	-0.9331	-0.9561	-0.4096

Surface Pressures



Medium Radius L.E.

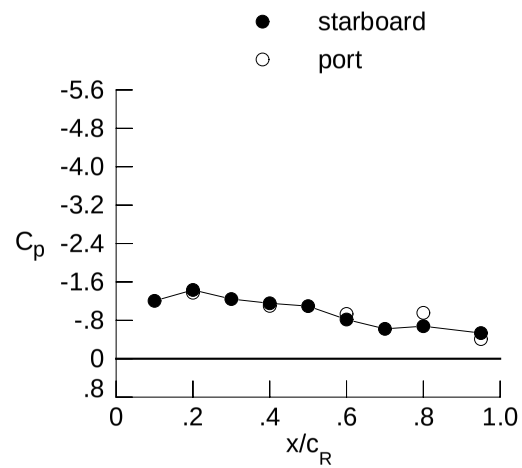
Run No. = 14 , Point No. = 301

C_N = 0.842, C_m = -0.1271

α = 18.4 °, M_∞ = 0.850

R_{mac} = 61.0×10^6

Leading Edge Pressures

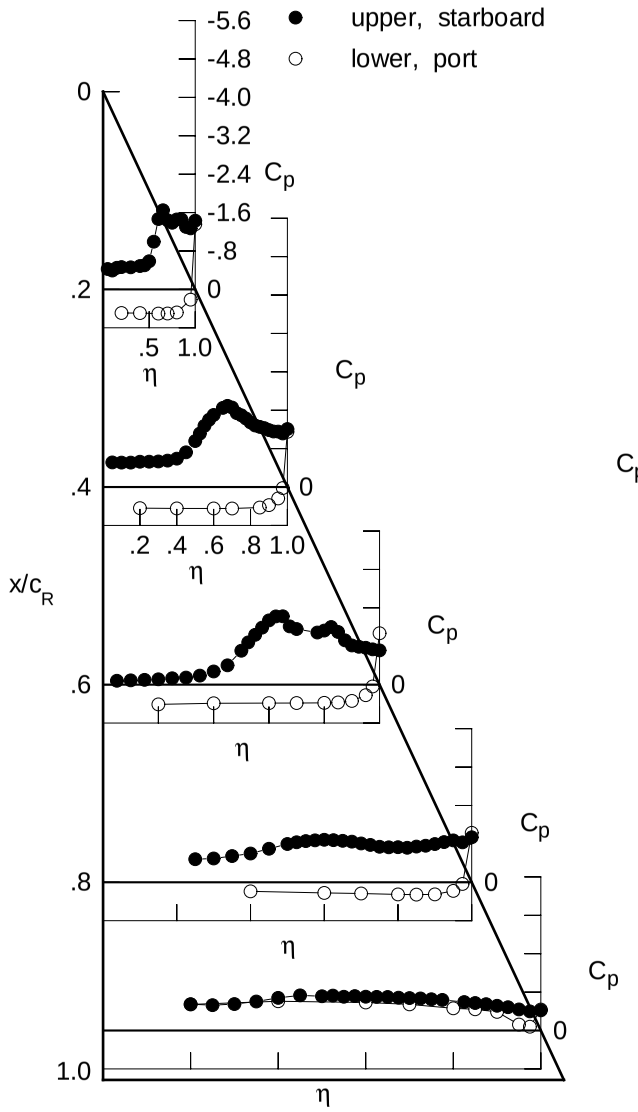


x/c_R	starb'd C_p	port C_p
0.10	-1.2059	*******
0.20	-1.4330	-1.3753
0.30	-1.2434	*******
0.40	-1.1553	-1.1008
0.50	-1.0958	*******
0.60	-0.8167	-0.9331
0.70	-0.6223	*******
0.80	-0.6778	-0.9561
0.90	-0.0060	*******
0.95	-0.5346	-0.4096

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	-0.4247	-0.5127	-0.0806	*******	*******
0.100	-0.3925	-0.5092	-0.0900	*******	*******
0.150	-0.4508	-0.5091	-0.1001	*******	*******
0.200	-0.4644	-0.5269	-0.1116	*******	-0.5483
0.250	*******	-0.5279	-0.1326	-0.4805	-0.5281
0.300	-0.4600	-0.5332	-0.1473	-0.4957	-0.5514
0.350	*******	-0.5504	-0.1880	-0.5461	-0.6038
0.400	-0.4861	-0.5913	-0.2740	-0.5989	-0.6803
0.450	-0.5028	-0.7232	-0.4025	-0.6984	-0.7321
0.500	-0.5862	-0.9585	-0.7062	-0.7976	-0.7137
0.525	*******	-1.1134	-0.8800	-0.8337	-0.7270
0.550	-0.9938	-1.2742	-1.0377	-0.8586	-0.7032
0.575	*******	-1.4017	-1.1869	-0.8738	-0.7164
0.600	-1.4657	-1.5015	-1.3387	-0.8856	-0.7042
0.625	*******	*******	-1.4216	-0.8777	-0.7007
0.650	-1.6485	-1.6489	-1.4238	-0.8640	-0.6986
0.675	*******	-1.6909	-1.2138	-0.8463	-0.6841
0.700	-1.4417	-1.6562	-1.1581	-0.8086	-0.6761
0.725	*******	-1.5399	*******	-0.7788	-0.6677
0.750	-1.3883	-1.4951	*******	-0.7397	-0.6515
0.775	*******	-1.4279	-1.0854	-0.7290	-0.6373
0.800	-1.4567	-1.3465	-1.1265	-0.7313	*******
0.825	*******	-1.2825	-1.2010	-0.7196	-0.5929
0.850	-1.4582	-1.2534	-1.0976	-0.7441	-0.5724
0.875	*******	-1.2275	-0.9228	-0.7614	-0.5484
0.900	-1.3017	-1.1866	-0.8163	-0.7965	-0.5152
0.925	*******	-1.1569	-0.7888	-0.8377	-0.4859
0.950	-1.2713	-1.1554	-0.7678	-0.8730	-0.4392
0.975	*******	-1.1156	-0.7349	-0.8321	-0.3985
1.000	-1.4308	-1.2079	-0.7137	-0.9377	-0.4200
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4918	0.4397	0.4113	*******	-0.5435
-0.400	0.4936	0.4459	0.3882	0.1887	-0.6094
-0.600	0.5042	0.4467	0.3845	0.2215	-0.5838
-0.700	0.5027	0.4471	0.3833	0.2340	-0.5449
-0.800	0.4806	*******	0.3794	0.2531	-0.4624
-0.850	*******	0.4270	0.3715	0.2570	-0.4426
-0.900	*******	0.3765	0.3392	0.2518	-0.3884
-0.950	0.2132	0.2377	0.2200	0.1796	-0.1238
-0.975	*******	0.0218	0.0375	0.0346	-0.0792
-1.000	-1.3562	-1.1498	-1.0702	-1.0305	-0.4364

Surface Pressures



Medium Radius L.E.

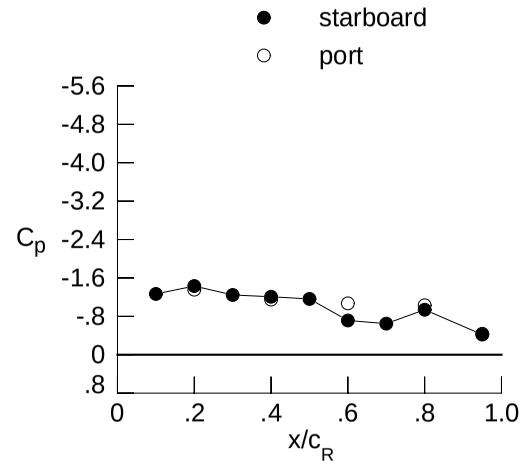
Run No. = 14 , Point No. = 302

C_N = 0.970, C_m = -0.1607

α = 20.4 °, M_∞ = 0.852

R_{mac} = 60.8×10^6

Leading Edge Pressures

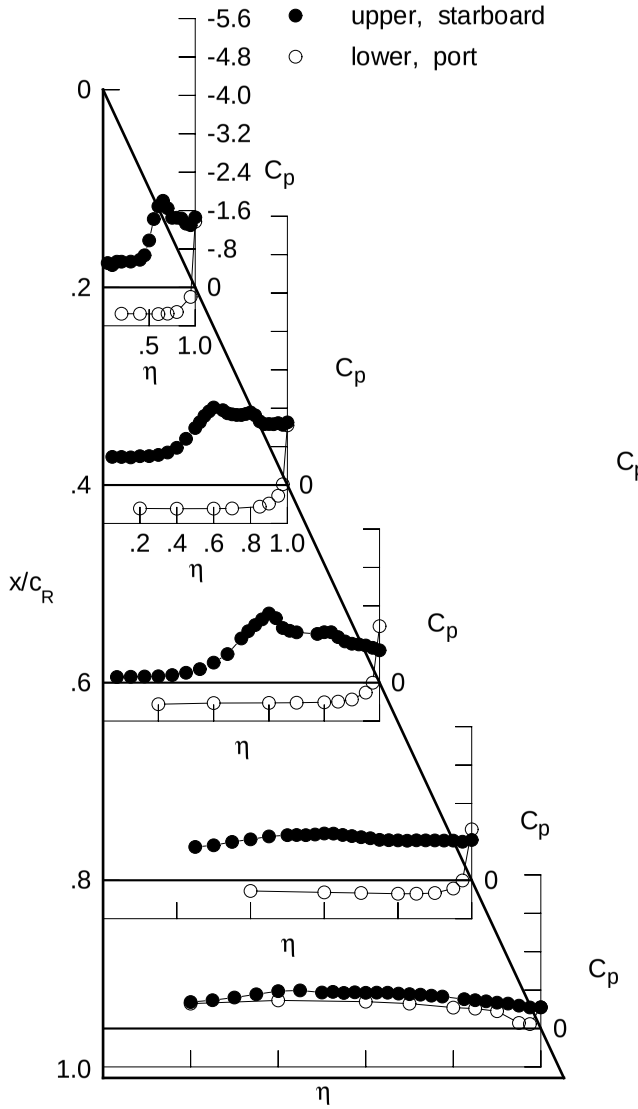


x/c_R	starb'd C_p	port C_p
0.10	-1.2661	*******
0.20	-1.4308	-1.3562
0.30	-1.2452	*******
0.40	-1.2079	-1.1498
0.50	-1.1624	*******
0.60	-0.7137	-1.0702
0.70	-0.6480	*******
0.80	-0.9377	-1.0305
0.90	-0.0094	*******
0.95	-0.4200	-0.4364

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	-0.5068	-0.5864	-0.1174	*******	*******
0.100	-0.4644	-0.5845	-0.1221	*******	*******
0.150	-0.5352	-0.5762	-0.1277	*******	*******
0.200	-0.5351	-0.6010	-0.1325	*******	-0.5513
0.250	*******	-0.6022	-0.1572	-0.6942	-0.5894
0.300	-0.5365	-0.6270	-0.2056	-0.7290	-0.6453
0.350	*******	-0.6779	-0.2813	-0.7992	-0.7125
0.400	-0.5753	-0.7758	-0.4169	-0.8527	-0.7784
0.450	-0.6691	-0.9636	-0.5955	-0.9133	-0.7932
0.500	-0.9782	-1.1882	-0.9200	-0.9399	-0.7497
0.525	*******	-1.3092	-1.0720	-0.9434	-0.7630
0.550	-1.4239	-1.4393	-1.1994	-0.9400	-0.7410
0.575	*******	-1.5335	-1.3181	-0.9538	-0.7544
0.600	-1.6898	-1.6154	-1.4411	-0.9742	-0.7439
0.625	*******	*******	-1.3435	-0.9718	-0.7476
0.650	-1.8043	-1.5589	-1.1385	-0.9437	-0.7458
0.675	*******	-1.4950	-1.0799	-0.9206	-0.7273
0.700	-1.6491	-1.4732	-1.0476	-0.8977	-0.7159
0.725	*******	-1.4602	*******	-0.8759	-0.7047
0.750	-1.4499	-1.4593	*******	-0.8428	-0.6843
0.775	*******	-1.4812	-1.0141	-0.8353	-0.6654
0.800	-1.4510	-1.5128	-1.0501	-0.8315	*******
0.825	*******	-1.4517	-1.0506	-0.8238	-0.6111
0.850	-1.4363	-1.3254	-0.9486	-0.8328	-0.5897
0.875	*******	-1.2700	-0.8585	-0.8311	-0.5666
0.900	-1.3273	-1.2709	-0.8102	-0.8303	-0.5387
0.925	*******	-1.2668	-0.7962	-0.8274	-0.5190
0.950	-1.2960	-1.2896	-0.7739	-0.8264	-0.4757
0.975	*******	-1.2541	-0.7259	-0.8036	-0.4385
1.000	-1.4591	-1.3049	-0.6735	-0.8398	-0.4413
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5492	0.4879	0.4498	*******	-0.5180
-0.400	0.5497	0.4931	0.4256	0.2227	-0.5857
-0.600	0.5557	0.4911	0.4220	0.2524	-0.5589
-0.700	0.5473	0.4881	0.4184	0.2649	-0.5185
-0.800	0.5130	*******	0.4094	0.2799	-0.4355
-0.850	*******	0.4511	0.3960	0.2800	-0.4145
-0.900	*******	0.3864	0.3515	0.2657	-0.3604
-0.950	0.1987	0.2234	0.2071	0.1719	-0.1151
-0.975	*******	-0.0160	0.0020	0.0043	-0.0922
-1.000	-1.3685	-1.2431	-1.1758	-1.0610	-0.4413

Surface Pressures



Medium Radius L.E.

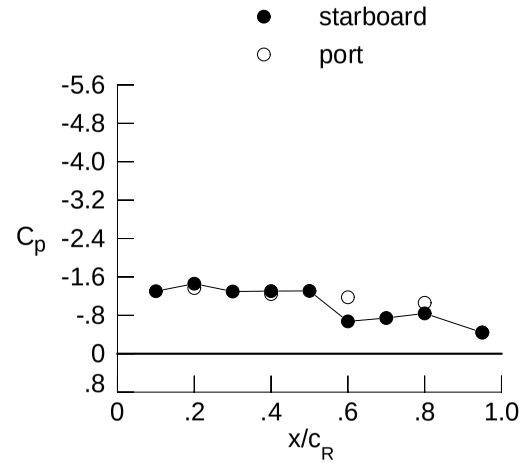
Run No. = 14 , Point No. = 303

C_N = 1.079, C_m = -0.1798

α = 22.5 °, M_∞ = 0.851

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

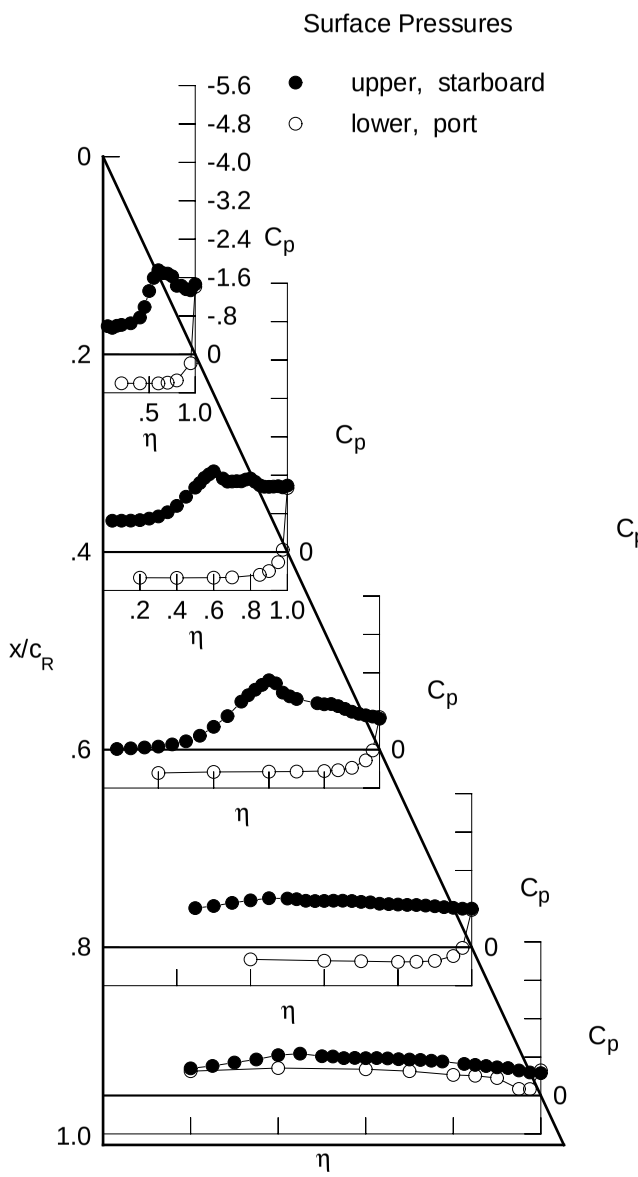
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3022	*******
0.20	-1.4591	-1.3685
0.30	-1.2957	*******
0.40	-1.3049	-1.2431
0.50	-1.3087	*******
0.60	-0.6735	-1.1758
0.70	-0.7439	*******
0.80	-0.8398	-1.0610
0.90	-0.0165	*******
0.95	-0.4413	-0.4413

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	-0.5880	-0.6518	-0.0139	*******	*******
0.100	-0.5529	-0.6526	-0.0268	*******	*******
0.150	-0.5963	-0.6545	-0.0449	*******	*******
0.200	-0.6141	-0.6647	-0.0629	*******	-0.5659
0.250	*******	-0.6957	-0.1086	-0.8158	-0.6162
0.300	-0.6476	-0.7416	-0.1737	-0.8600	-0.6868
0.350	*******	-0.8287	-0.2896	-0.9248	-0.7507
0.400	-0.7679	-0.9612	-0.4750	-0.9777	-0.8408
0.450	-0.9866	-1.1521	-0.6986	-1.0222	-0.8720
0.500	-1.3202	-1.3414	-1.0001	-1.0150	-0.8187
0.525	*******	-1.4377	-1.1335	-1.0018	-0.8126
0.550	-1.5933	-1.5451	-1.2480	-0.9684	-0.7792
0.575	*******	-1.6186	-1.3485	-0.9630	-0.7830
0.600	-1.7538	-1.6819	-1.4460	-0.9654	-0.7773
0.625	*******	*******	-1.3808	-0.9701	-0.7797
0.650	-1.6932	-1.5318	-1.1883	-0.9700	-0.7731
0.675	*******	-1.4660	-1.1107	-0.9640	-0.7571
0.700	-1.6834	-1.4693	-1.0552	-0.9458	-0.7497
0.725	*******	-1.4756	*******	-0.9359	-0.7411
0.750	-1.6273	-1.4726	*******	-0.9074	-0.7248
0.775	*******	-1.5103	-0.9662	-0.8994	-0.7076
0.800	-1.4284	-1.5312	-0.9448	-0.8905	*******
0.825	*******	-1.4621	-0.9502	-0.8821	-0.6576
0.850	-1.4289	-1.3912	-0.9065	-0.8809	-0.6375
0.875	*******	-1.3608	-0.8481	-0.8687	-0.6141
0.900	-1.3581	-1.3584	-0.7895	-0.8552	-0.5868
0.925	*******	-1.3635	-0.7466	-0.8358	-0.5720
0.950	-1.3351	-1.3713	-0.7155	-0.8226	-0.5212
0.975	*******	-1.3472	-0.6889	-0.8039	-0.4796
1.000	-1.4620	-1.3839	-0.6450	-0.8046	-0.4655
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6026	0.5354	0.4862	*******	-0.5067
-0.400	0.6034	0.5380	0.4648	0.2518	-0.5720
-0.600	0.6043	0.5342	0.4594	0.2808	-0.5473
-0.700	0.5895	0.5286	0.4566	0.2906	-0.5070
-0.800	0.5425	*******	0.4455	0.3039	-0.4287
-0.850	*******	0.4753	0.4285	0.3018	-0.4120
-0.900	*******	0.3970	0.3783	0.2838	-0.3639
-0.950	0.1836	0.2119	0.2244	0.1826	-0.1364
-0.975	*******	-0.0472	0.0164	0.0125	-0.1336
-1.000	-1.4083	-1.3337	-0.6775	-0.7787	-0.5242



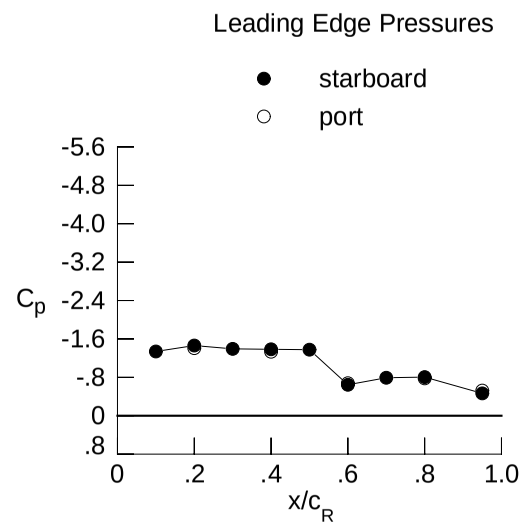
Medium Radius L.E.

Run No. = 14 , Point No. = 304

C_N = 1.117, C_m = -0.1763

α = 24.5 °, M_∞ = 0.851

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

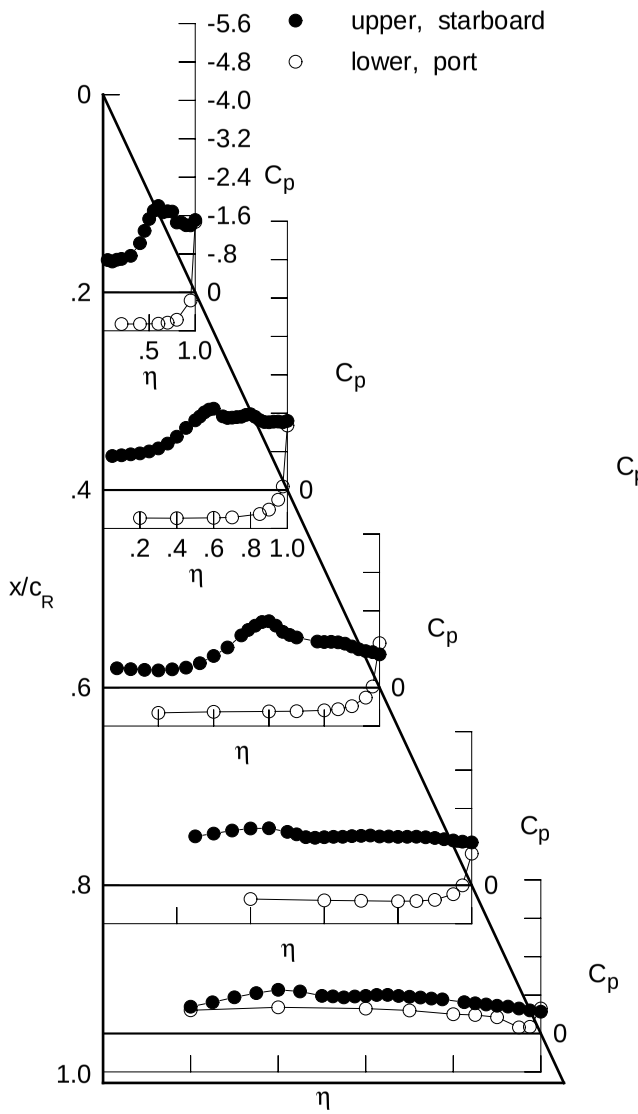


x/c_R	starb'd C_p	port C_p
0.10	-1.3388	*******
0.20	-1.4620	-1.4083
0.30	-1.3932	*******
0.40	-1.3839	-1.3337
0.50	-1.3757	*******
0.60	-0.6450	-0.6775
0.70	-0.7915	*******
0.80	-0.8046	-0.7787
0.90	-0.0078	*******
0.95	-0.4655	-0.5242

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	-0.6745	-0.7088	-0.4029	*******	*******
0.100	-0.6435	-0.7241	-0.3846	*******	*******
0.150	-0.6806	-0.7440	-0.3706	*******	*******
0.200	-0.6980	-0.7631	-0.3595	*******	-0.5588
0.250	*******	-0.8044	-0.3818	-1.0192	-0.6503
0.300	-0.7620	-0.8668	-0.4164	-1.0767	-0.7540
0.350	*******	-0.9683	-0.5085	-1.1406	-0.8416
0.400	-1.0252	-1.1109	-0.6601	-1.1829	-0.9101
0.450	-1.2822	-1.2944	-0.8371	-1.1882	-0.8761
0.500	-1.5299	-1.4521	-1.0884	-1.1124	-0.7844
0.525	*******	-1.5301	-1.2013	-1.0615	-0.7740
0.550	-1.7018	-1.6177	-1.2907	-1.0021	-0.7528
0.575	*******	-1.6751	-1.3672	-0.9895	-0.7715
0.600	-1.7997	-1.6942	-1.3839	-1.0017	-0.7832
0.625	*******	*******	-1.2908	-1.0099	-0.8029
0.650	-1.6689	-1.5355	-1.1625	-1.0104	-0.8044
0.675	*******	-1.5013	-1.0978	-1.0237	-0.7826
0.700	-1.6908	-1.5077	-1.0451	-1.0296	-0.7657
0.725	*******	-1.5189	*******	-1.0365	-0.7493
0.750	-1.6833	-1.5268	*******	-1.0172	-0.7283
0.775	*******	-1.5648	-0.9601	-1.0170	-0.7112
0.800	-1.4557	-1.5789	-0.9500	-1.0090	*******
0.825	*******	-1.5244	-0.9548	-1.0105	-0.6531
0.850	-1.4534	-1.4570	-0.9439	-1.0116	-0.6295
0.875	*******	-1.4179	-0.9161	-0.9997	-0.6046
0.900	-1.3994	-1.4117	-0.8578	-0.9857	-0.5783
0.925	*******	-1.4243	-0.7988	-0.9597	-0.5611
0.950	-1.3966	-1.4263	-0.7606	-0.9336	-0.5208
0.975	*******	-1.4119	-0.7395	-0.9091	-0.4814
1.000	-1.5079	-1.4411	-0.6925	-0.8928	-0.4542
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6592	0.5832	0.5253	*******	-0.4843
-0.400	0.6581	0.5871	0.5042	0.2865	-0.5458
-0.600	0.6527	0.5794	0.4961	0.3143	-0.5190
-0.700	0.6314	0.5702	0.4914	0.3229	-0.4801
-0.800	0.5701	*******	0.4730	0.3330	-0.4016
-0.850	*******	0.5000	0.4493	0.3279	-0.3861
-0.900	*******	0.4084	0.3861	0.3038	-0.3388
-0.950	0.1682	0.2025	0.2081	0.1859	-0.1269
-0.975	*******	-0.0740	-0.0238	0.0016	-0.1394
-1.000	-1.4675	-1.3440	-0.9266	-0.6594	-0.5210

Surface Pressures



Medium Radius L.E.

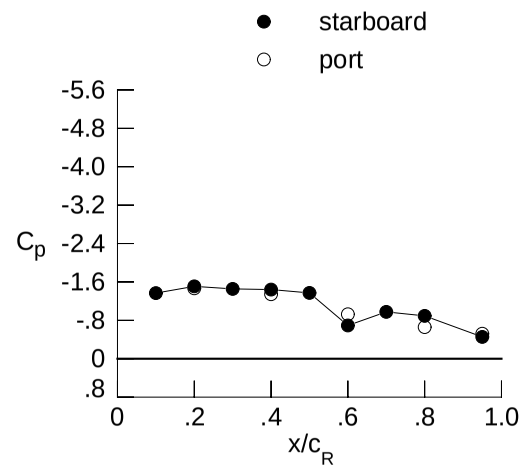
Run No. = 14 , Point No. = 305

C_N = 1.191, C_m = -0.1846

α = 26.6 °, M_∞ = 0.851

R_{mac} = 58.9×10^6

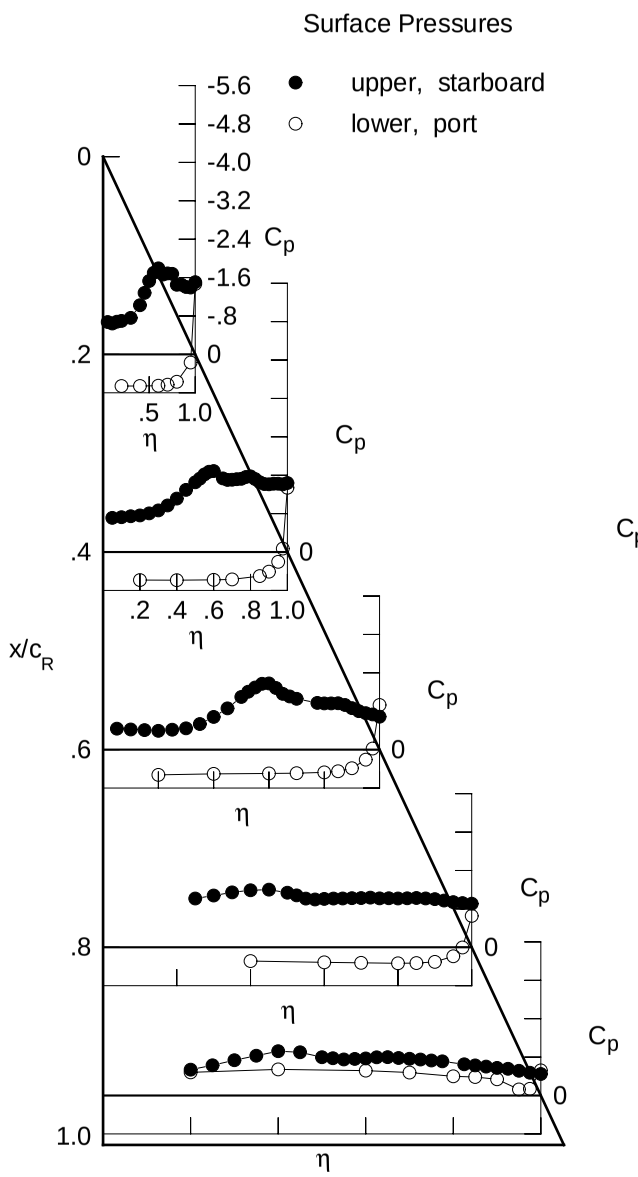
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3673	*******
0.20	-1.5079	-1.4675
0.30	-1.4548	*******
0.40	-1.4411	-1.3440
0.50	-1.3711	*******
0.60	-0.6925	-0.9266
0.70	-0.9760	*******
0.80	-0.8928	-0.6594
0.90	0.0016	*******
0.95	-0.4542	-0.5210

Table E6. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6740	-0.7117	-0.4366	*******	*******
0.100	-0.6434	-0.7255	-0.4200	*******	*******
0.150	-0.6811	-0.7459	-0.4069	*******	*******
0.200	-0.6979	-0.7626	-0.3924	*******	-0.5386
0.250	*******	-0.8059	-0.4153	-1.0158	-0.6300
0.300	-0.7610	-0.8676	-0.4442	-1.0781	-0.7354
0.350	*******	-0.9705	-0.5337	-1.1442	-0.8289
0.400	-1.0240	-1.1136	-0.6812	-1.1883	-0.9235
0.450	-1.2814	-1.2955	-0.8598	-1.2005	-0.9008
0.500	-1.5286	-1.4528	-1.0980	-1.1368	-0.7975
0.525	*******	-1.5284	-1.2067	-1.0819	-0.7772
0.550	-1.6995	-1.6166	-1.2942	-1.0146	-0.7509
0.575	*******	-1.6732	-1.3719	-0.9962	-0.7624
0.600	-1.7932	-1.6871	-1.3796	-1.0082	-0.7718
0.625	*******	*******	-1.2845	-1.0149	-0.7957
0.650	-1.6634	-1.5344	-1.1627	-1.0171	-0.7994
0.675	*******	-1.5024	-1.1080	-1.0228	-0.7817
0.700	-1.6871	-1.5067	-1.0592	-1.0257	-0.7652
0.725	*******	-1.5175	*******	-1.0342	-0.7497
0.750	-1.6781	-1.5255	*******	-1.0194	-0.7296
0.775	*******	-1.5634	-0.9739	-1.0215	-0.7120
0.800	-1.4506	-1.5764	-0.9632	-1.0169	*******
0.825	*******	-1.5207	-0.9630	-1.0210	-0.6502
0.850	-1.4523	-1.4547	-0.9662	-1.0268	-0.6272
0.875	*******	-1.4166	-0.9306	-1.0176	-0.6022
0.900	-1.4051	-1.4110	-0.8646	-1.0035	-0.5752
0.925	*******	-1.4232	-0.8018	-0.9737	-0.5568
0.950	-1.3925	-1.4235	-0.7598	-0.9410	-0.5151
0.975	*******	-1.4102	-0.7333	-0.9206	-0.4747
1.000	-1.5047	-1.4383	-0.6862	-0.9080	-0.4476
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6595	0.5839	0.5254	*******	-0.4825
-0.400	0.6583	0.5865	0.5049	0.2872	-0.5442
-0.600	0.6530	0.5796	0.4963	0.3137	-0.5181
-0.700	0.6315	0.5702	0.4906	0.3237	-0.4788
-0.800	0.5705	*******	0.4735	0.3337	-0.3997
-0.850	*******	0.5009	0.4503	0.3289	-0.3854
-0.900	*******	0.4091	0.3871	0.3043	-0.3383
-0.950	0.1690	0.2043	0.2087	0.1876	-0.1264
-0.975	*******	-0.0717	-0.0232	0.0038	-0.1392
-1.000	-1.4670	-1.3391	-0.9302	-0.6539	-0.5241



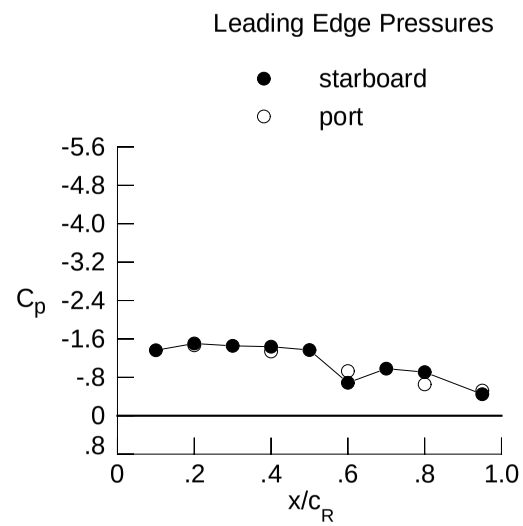
Medium Radius L.E.

Run No. = 14 , Point No. = 306

C_N = 1.186, C_m = -0.1832

α = 26.6 °, M_∞ = 0.852

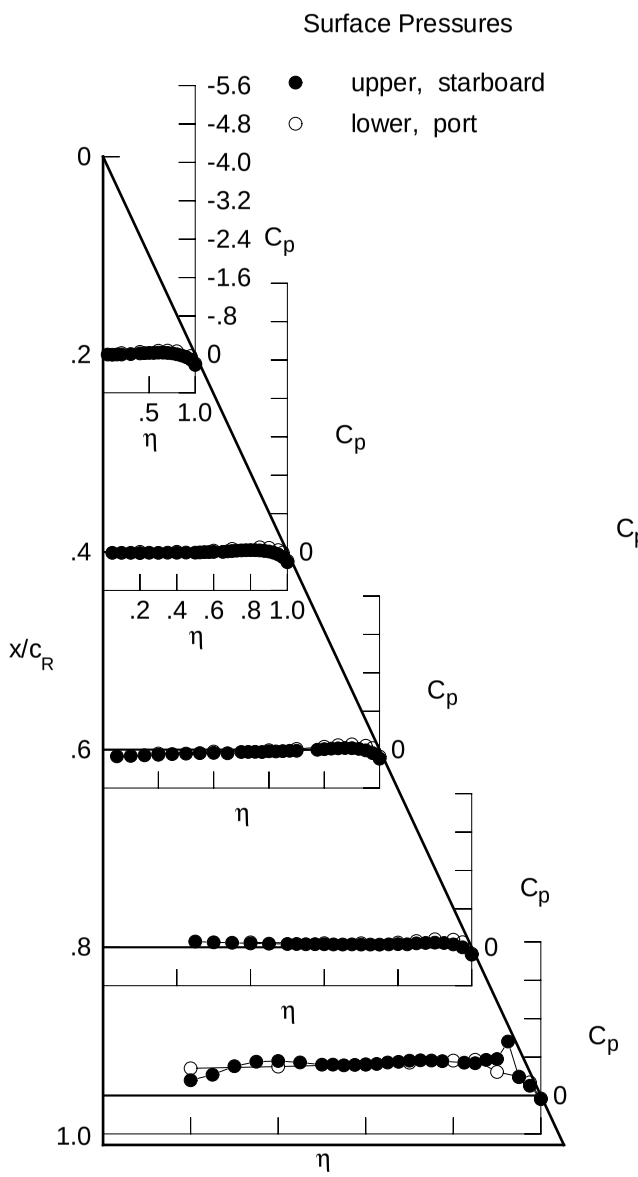
R_{mac} = 59.7×10^6



x/c_R	starb'd C_p	port C_p
0.10	-1.3637	*******
0.20	-1.5047	-1.4670
0.30	-1.4557	*******
0.40	-1.4383	-1.3391
0.50	-1.3692	*******
0.60	-0.6862	-0.9302
0.70	-0.9812	*******
0.80	-0.9080	-0.6539
0.90	-0.0009	*******
0.95	-0.4476	-0.5241

Table E7. 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	0.0035	0.0165	0.1398	*******	*******
0.100	0.0069	0.0166	0.1301	*******	*******
0.150	0.0028	0.0167	0.1182	*******	*******
0.200	0.0022	0.0218	0.1064	*******	-0.3178
0.250	*******	0.0156	0.0926	-0.1199	-0.4327
0.300	-0.0066	0.0170	0.0830	-0.1029	-0.6102
0.350	*******	0.0136	0.0727	-0.0943	-0.7040
0.400	-0.0204	0.0147	0.0670	-0.0806	-0.7192
0.450	-0.0256	0.0115	0.0755	-0.0749	-0.6885
0.500	-0.0312	0.0129	0.0491	-0.0684	-0.6424
0.525	*******	0.0077	0.0472	-0.0685	-0.6436
0.550	-0.0306	0.0016	0.0458	-0.0630	-0.6289
0.575	*******	0.0007	0.0499	-0.0651	-0.6378
0.600	-0.0372	-0.0024	0.0343	-0.0633	-0.6422
0.625	*******	*******	0.0374	-0.0590	-0.6575
0.650	-0.0358	-0.0029	0.0313	-0.0576	-0.6875
0.675	*******	-0.0143	0.0243	-0.0599	-0.7018
0.700	-0.0302	-0.0209	0.0230	-0.0568	-0.7254
0.725	*******	-0.0290	*******	-0.0568	-0.7333
0.750	-0.0212	-0.0346	*******	-0.0555	-0.7285
0.775	*******	-0.0375	0.0024	-0.0606	-0.7149
0.800	-0.0023	-0.0400	-0.0095	-0.0657	*******
0.825	*******	-0.0385	-0.0206	-0.0616	-0.6840
0.850	0.0214	-0.0336	-0.0275	-0.0819	-0.6728
0.875	*******	-0.0232	-0.0334	-0.0902	-0.7422
0.900	0.0551	-0.0110	-0.0306	-0.0969	-0.7599
0.925	*******	0.0135	-0.0156	-0.0897	-1.1251
0.950	0.1057	0.0496	0.0153	-0.0598	-0.3812
0.975	*******	0.1055	0.0730	0.0011	-0.2035
1.000	0.2193	0.2123	0.1886	0.1532	0.0760
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0269	-0.0042	0.0814	*******	-0.5663
-0.400	-0.0521	-0.0047	0.0399	-0.1025	-0.6025
-0.600	-0.0758	-0.0289	0.0119	-0.0848	-0.6496
-0.700	-0.0784	-0.0648	-0.0143	-0.0836	-0.6840
-0.800	-0.0649	*******	-0.0596	-0.0984	-0.7272
-0.850	*******	-0.0986	-0.0924	-0.1292	-0.7438
-0.900	*******	-0.0875	-0.1096	-0.1660	-0.4906
-0.950	0.0347	-0.0402	-0.0808	-0.1577	-0.3937
-0.975	*******	0.0116	-0.0322	-0.1052	-0.2749
-1.000	0.1920	0.1816	0.1444	0.1342	0.0617



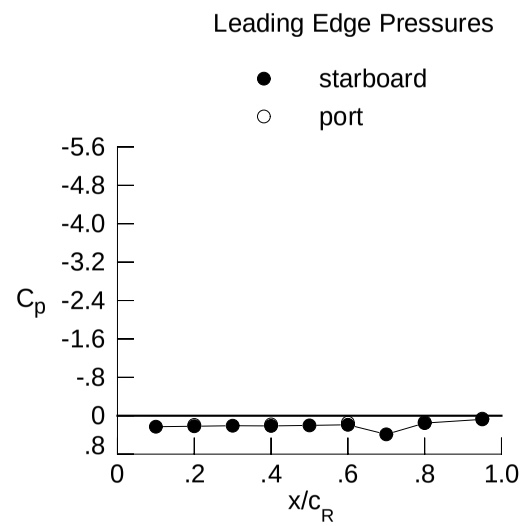
Medium Radius L.E.

Run No. = 19 , Point No. = 369

C_N = -0.032, C_m = 0.0062

α = -0.7 °, M_∞ = 0.849

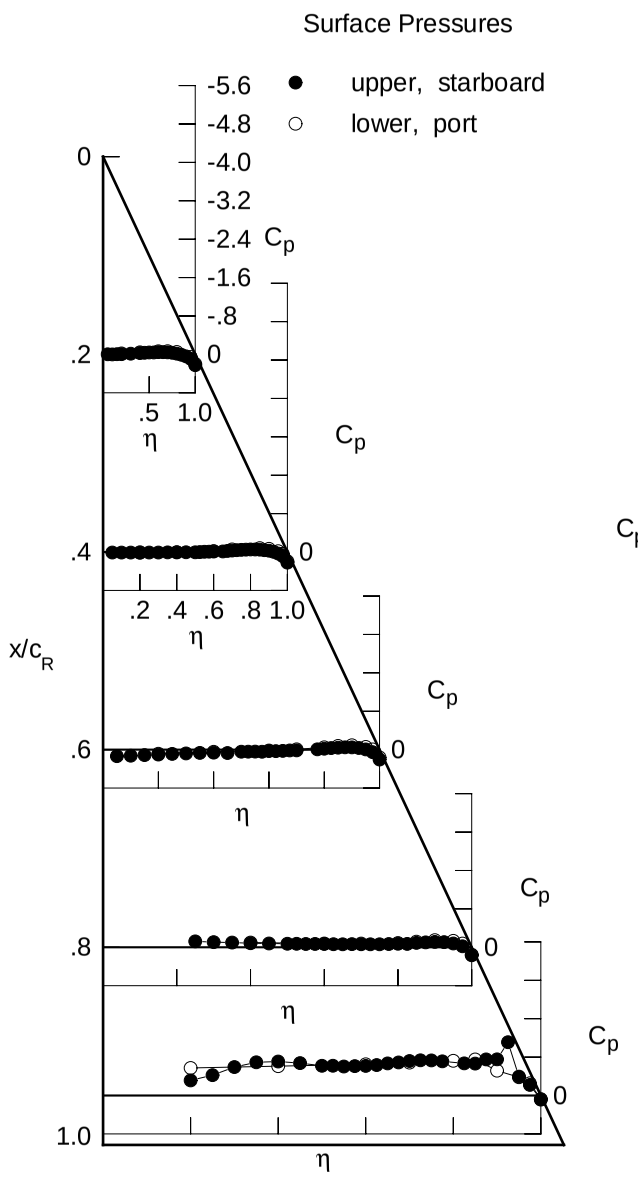
$R_{mac} = 72.5 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2289	*******
0.20	0.2193	0.1920
0.30	0.2083	*******
0.40	0.2123	0.1816
0.50	0.2016	*******
0.60	0.1886	0.1444
0.70	0.3879	*******
0.80	0.1532	0.1342
0.90	*******	*******
0.95	0.0760	0.0617

Table E7. 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	-0.0025	0.0105	0.1361	*******	*******
0.100	0.0005	0.0111	0.1262	*******	*******
0.150	-0.0041	0.0109	0.1138	*******	*******
0.200	-0.0045	0.0161	0.1021	*******	-0.3147
0.250	*******	0.0104	0.0886	-0.1232	-0.4239
0.300	-0.0141	0.0108	0.0791	-0.1072	-0.5925
0.350	*******	0.0075	0.0683	-0.0982	-0.6921
0.400	-0.0284	0.0081	0.0622	-0.0845	-0.7079
0.450	-0.0335	0.0047	0.0707	-0.0792	-0.6749
0.500	-0.0398	0.0059	0.0436	-0.0734	-0.6194
0.525	*******	0.0007	0.0421	-0.0727	-0.6203
0.550	-0.0400	-0.0059	0.0404	-0.0684	-0.6043
0.575	*******	-0.0070	0.0440	-0.0698	-0.6119
0.600	-0.0473	-0.0104	0.0284	-0.0692	-0.6166
0.625	*******	*******	0.0310	-0.0642	-0.6340
0.650	-0.0465	-0.0118	0.0255	-0.0626	-0.6689
0.675	*******	-0.0232	0.0171	-0.0660	-0.6885
0.700	-0.0421	-0.0314	0.0155	-0.0633	-0.7183
0.725	*******	-0.0386	*******	-0.0627	-0.7333
0.750	-0.0338	-0.0453	*******	-0.0623	-0.7310
0.775	*******	-0.0498	-0.0067	-0.0681	-0.7124
0.800	-0.0150	-0.0536	-0.0195	-0.0738	*******
0.825	*******	-0.0529	-0.0331	-0.0706	-0.6695
0.850	0.0076	-0.0492	-0.0409	-0.0920	-0.6645
0.875	*******	-0.0388	-0.0479	-0.1027	-0.7522
0.900	0.0409	-0.0284	-0.0470	-0.1118	-0.7537
0.925	*******	-0.0047	-0.0341	-0.1074	-1.1107
0.950	0.0909	0.0309	-0.0051	-0.0794	-0.3932
0.975	*******	0.0863	0.0529	-0.0206	-0.2205
1.000	0.2247	0.2212	0.2065	0.1662	0.0858
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0200	0.0040	0.0852	*******	-0.5739
-0.400	-0.0434	0.0022	0.0452	-0.0985	-0.6116
-0.600	-0.0651	-0.0203	0.0188	-0.0784	-0.6507
-0.700	-0.0662	-0.0542	-0.0061	-0.0776	-0.6859
-0.800	-0.0503	*******	-0.0485	-0.0885	-0.7229
-0.850	*******	-0.0818	-0.0777	-0.1171	-0.7510
-0.900	*******	-0.0675	-0.0910	-0.1492	-0.5176
-0.950	0.0532	-0.0172	-0.0566	-0.1346	-0.3809
-0.975	*******	0.0366	-0.0045	-0.0777	-0.2555
-1.000	0.1983	0.1929	0.1622	0.1543	0.0747



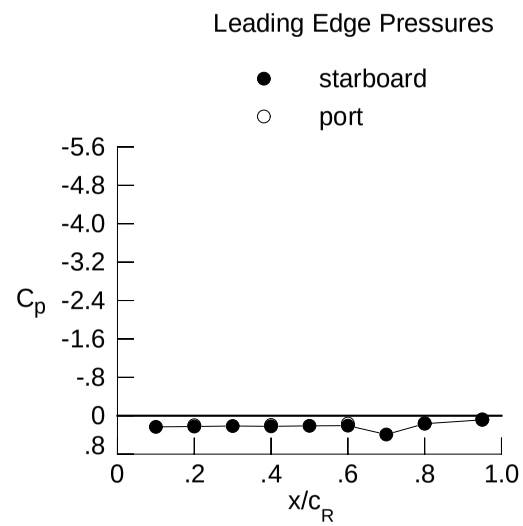
Medium Radius L.E.

Run No. = 19 , Point No. = 370

C_N = -0.019, C_m = 0.0042

α = -0.3 °, M_∞ = 0.848

$R_{mac} = 72.5 \times 10^6$

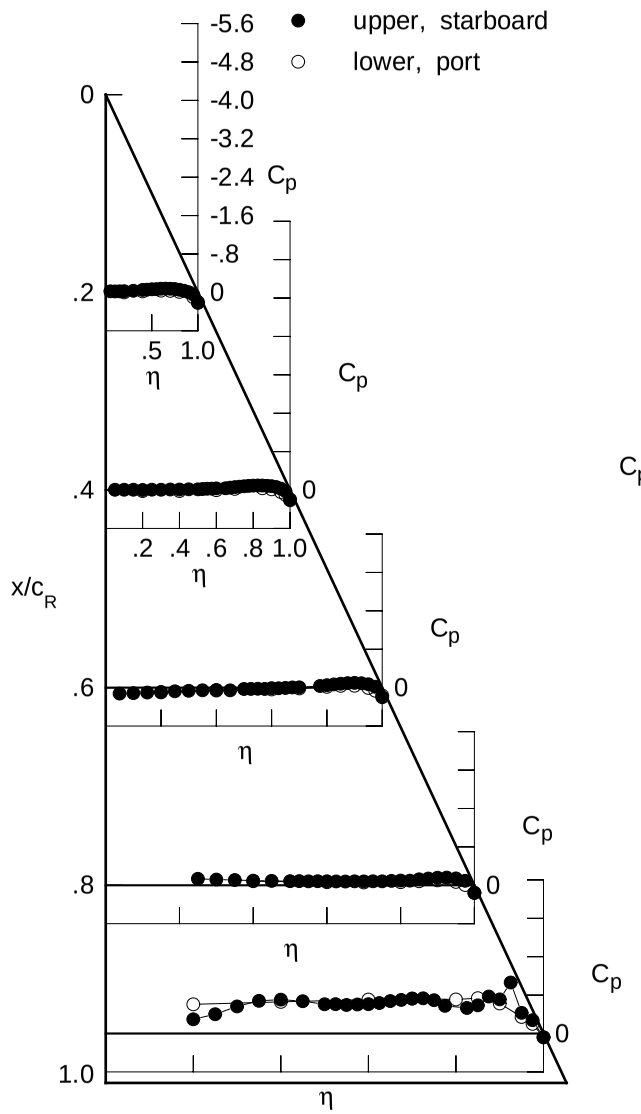


x/c_R	starb'd C_p	port C_p
0.10	0.2323	*******
0.20	0.2247	0.1983
0.30	0.2141	*******
0.40	0.2212	0.1929
0.50	0.2108	*******
0.60	0.2065	0.1622
0.70	0.3911	*******
0.80	0.1662	0.1543
0.90	*******	*******
0.95	0.0858	0.0747

Table E7. 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	-0.0226	-0.0059	0.1240	*******	*******
0.100	-0.0198	-0.0067	0.1142	*******	*******
0.150	-0.0226	-0.0060	0.1023	*******	*******
0.200	-0.0248	-0.0013	0.0894	*******	-0.2962
0.250	*******	-0.0076	0.0763	-0.1353	-0.4012
0.300	-0.0339	-0.0066	0.0655	-0.1194	-0.5640
0.350	*******	-0.0114	0.0550	-0.1100	-0.6812
0.400	-0.0516	-0.0102	0.0481	-0.0963	-0.7056
0.450	-0.0571	-0.0156	0.0560	-0.0918	-0.6729
0.500	-0.0650	-0.0140	0.0280	-0.0860	-0.6098
0.525	*******	-0.0207	0.0261	-0.0870	-0.6112
0.550	-0.0675	-0.0275	0.0235	-0.0823	-0.5945
0.575	*******	-0.0290	0.0273	-0.0851	-0.6044
0.600	-0.0766	-0.0340	0.0110	-0.0830	-0.6115
0.625	*******	*******	0.0124	-0.0799	-0.6353
0.650	-0.0781	-0.0367	0.0064	-0.0787	-0.6763
0.675	*******	-0.0498	-0.0037	-0.0827	-0.6996
0.700	-0.0763	-0.0596	-0.0061	-0.0809	-0.7278
0.725	*******	-0.0697	*******	-0.0831	-0.7332
0.750	-0.0697	-0.0786	*******	-0.0823	-0.6935
0.775	*******	-0.0862	-0.0345	-0.0917	-0.5766
0.800	-0.0541	-0.0920	-0.0506	-0.0986	*******
0.825	*******	-0.0955	-0.0673	-0.0967	-0.5316
0.850	-0.0338	-0.0938	-0.0815	-0.1251	-0.5870
0.875	*******	-0.0881	-0.0933	-0.1405	-0.7707
0.900	-0.0040	-0.0801	-0.0994	-0.1580	-0.7111
0.925	*******	-0.0624	-0.0913	-0.1609	-1.0627
0.950	0.0438	-0.0293	-0.0704	-0.1436	-0.4307
0.975	*******	0.0210	-0.0182	-0.0937	-0.2768
1.000	0.2193	0.2126	0.2003	0.1533	0.0775
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0003	0.0217	0.0989	*******	-0.6080
-0.400	-0.0207	0.0207	0.0606	-0.0851	-0.6590
-0.600	-0.0361	0.0036	0.0374	-0.0640	-0.7073
-0.700	-0.0318	-0.0244	0.0170	-0.0585	-0.7266
-0.800	-0.0108	*******	-0.0166	-0.0647	-0.7092
-0.850	*******	-0.0364	-0.0379	-0.0842	-0.7363
-0.900	*******	-0.0152	-0.0396	-0.1027	-0.6260
-0.950	0.1002	0.0414	0.0066	-0.0703	-0.3450
-0.975	*******	0.0999	0.0651	-0.0059	-0.2018
-1.000	0.1993	0.1943	0.1643	0.1615	0.0803

Surface Pressures



Medium Radius L.E.

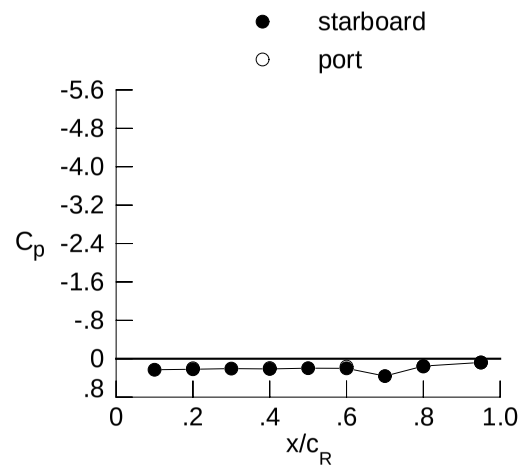
Run No. = 19 , Point No. = 371

C_N = 0.023, C_m = -0.0029

α = 0.7 °, M_∞ = 0.848

R_{mac} = 72.7×10^6

Leading Edge Pressures

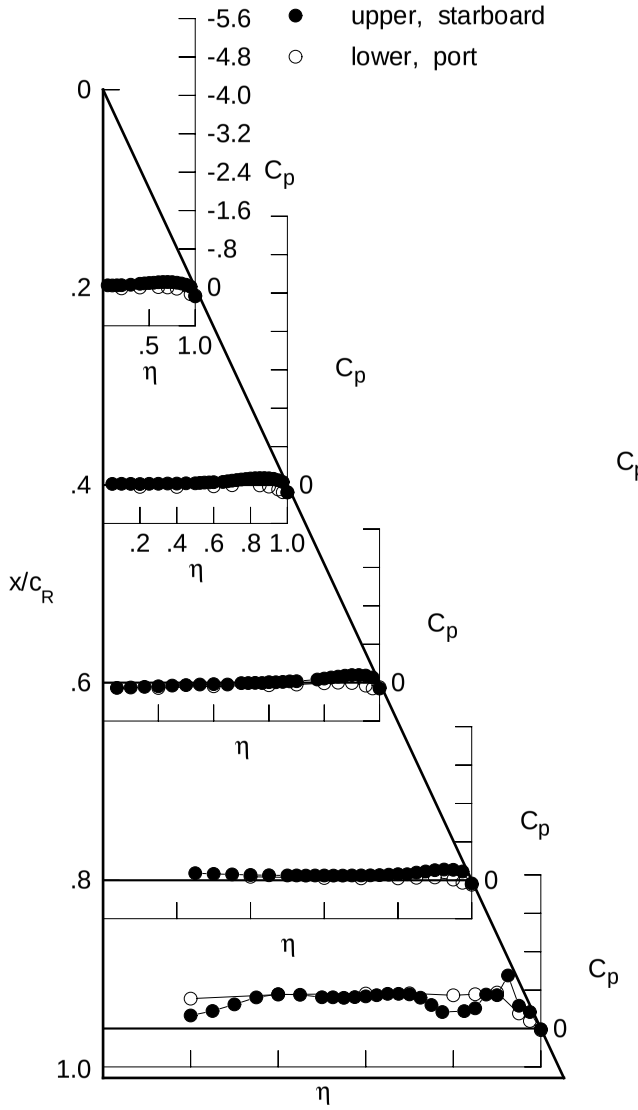


x/c_R	starb'd C_p	port C_p
0.10	0.2294	*******
0.20	0.2193	0.1993
0.30	0.2058	*******
0.40	0.2126	0.1943
0.50	0.1969	*******
0.60	0.2003	0.1643
0.70	0.3614	*******
0.80	0.1533	0.1615
0.90	*******	*******
0.95	0.0775	0.0803

Table E7. 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	-0.0434	-0.0235	0.1099	*******	*******
0.100	-0.0403	-0.0253	0.1013	*******	*******
0.150	-0.0434	-0.0236	0.0883	*******	*******
0.200	-0.0459	-0.0212	0.0758	*******	-0.2709
0.250	*******	-0.0259	0.0615	-0.1476	-0.3650
0.300	-0.0550	-0.0266	0.0510	-0.1325	-0.5023
0.350	*******	-0.0312	0.0395	-0.1222	-0.6478
0.400	-0.0749	-0.0304	0.0315	-0.1108	-0.7161
0.450	-0.0828	-0.0362	0.0392	-0.1048	-0.7020
0.500	-0.0916	-0.0362	0.0101	-0.1006	-0.6514
0.525	*******	-0.0439	0.0086	-0.1011	-0.6502
0.550	-0.0965	-0.0509	0.0047	-0.0979	-0.6394
0.575	*******	-0.0546	0.0082	-0.1004	-0.6542
0.600	-0.1075	-0.0592	-0.0097	-0.0996	-0.6693
0.625	*******	*******	-0.0084	-0.0973	-0.6940
0.650	-0.1123	-0.0642	-0.0152	-0.0974	-0.7221
0.675	*******	-0.0783	-0.0267	-0.1009	-0.7223
0.700	-0.1131	-0.0913	-0.0297	-0.1015	-0.7112
0.725	*******	-0.1030	*******	-0.1033	-0.6416
0.750	-0.1100	-0.1148	*******	-0.1080	-0.4893
0.775	*******	-0.1251	-0.0651	-0.1165	-0.3434
0.800	-0.0974	-0.1356	-0.0845	-0.1269	*******
0.825	*******	-0.1425	-0.1075	-0.1266	-0.3625
0.850	-0.0811	-0.1448	-0.1254	-0.1602	-0.4208
0.875	*******	-0.1452	-0.1451	-0.1839	-0.7076
0.900	-0.0555	-0.1405	-0.1574	-0.2106	-0.6947
0.925	*******	-0.1294	-0.1584	-0.2238	-1.1048
0.950	-0.0139	-0.1003	-0.1473	-0.2186	-0.4746
0.975	*******	-0.0622	-0.1080	-0.1837	-0.3435
1.000	0.1869	0.1555	0.1221	0.0662	0.0152
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0203	0.0387	0.1109	*******	-0.6223
-0.400	0.0022	0.0395	0.0753	-0.0728	-0.7065
-0.600	-0.0064	0.0266	0.0538	-0.0481	-0.7278
-0.700	0.0011	0.0039	0.0390	-0.0410	-0.7328
-0.800	0.0272	*******	0.0128	-0.0401	-0.6922
-0.850	*******	0.0068	0.0003	-0.0532	-0.7137
-0.900	*******	0.0327	0.0072	-0.0603	-0.7487
-0.950	0.1412	0.0922	0.0612	-0.0149	-0.3145
-0.975	*******	0.1500	0.1202	0.0515	-0.1567
-1.000	0.1696	0.1478	0.0952	0.0928	0.0332

Surface Pressures



Medium Radius L.E.

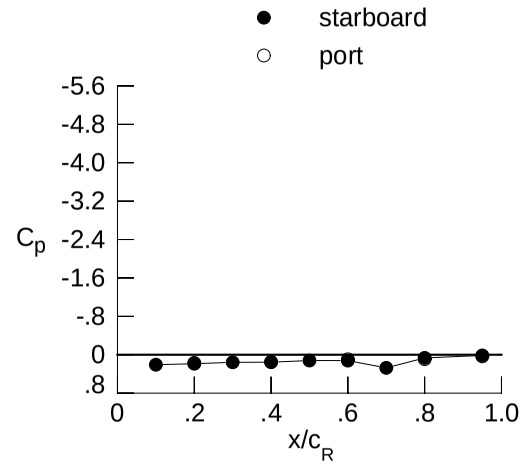
Run No. = 19 , Point No. = 372

C_N = 0.063, C_m = -0.0084

α = 1.8 °, M_∞ = 0.848

R_{mac} = 72.8×10^6

Leading Edge Pressures

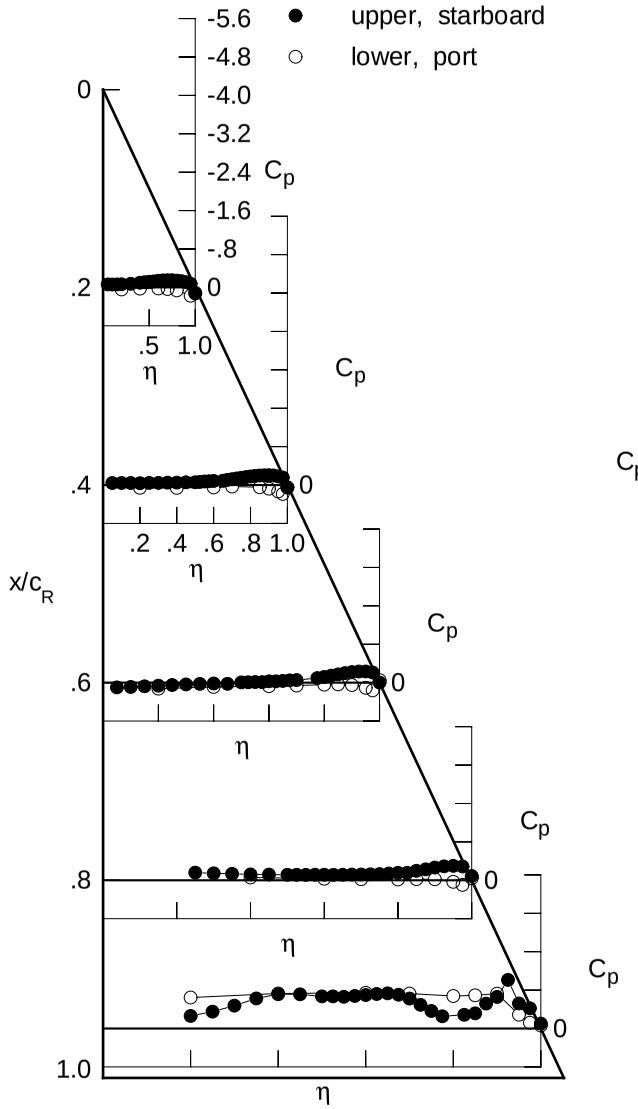


x/c_R	starb'd Cp	port Cp
0.10	0.2080	*******
0.20	0.1869	0.1696
0.30	0.1579	*******
0.40	0.1555	0.1478
0.50	0.1207	*******
0.60	0.1221	0.0952
0.70	0.2740	*******
0.80	0.0662	0.0928
0.90	*******	*******
0.95	0.0152	0.0332

Table E7. 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	-0.0623	-0.0417	0.0989	*******	*******
0.100	-0.0595	-0.0421	0.0896	*******	*******
0.150	-0.0627	-0.0422	0.0762	*******	*******
0.200	-0.0646	-0.0382	0.0634	*******	-0.2619
0.250	*******	-0.0442	0.0493	-0.1597	-0.3514
0.300	-0.0753	-0.0446	0.0380	-0.1445	-0.4758
0.350	*******	-0.0495	0.0258	-0.1348	-0.6261
0.400	-0.0971	-0.0503	0.0176	-0.1226	-0.7148
0.450	-0.1070	-0.0565	0.0238	-0.1189	-0.7129
0.500	-0.1178	-0.0580	-0.0056	-0.1143	-0.6693
0.525	*******	-0.0651	-0.0083	-0.1153	-0.6694
0.550	-0.1249	-0.0743	-0.0129	-0.1125	-0.6608
0.575	*******	-0.0781	-0.0101	-0.1156	-0.6781
0.600	-0.1387	-0.0847	-0.0284	-0.1162	-0.6977
0.625	*******	*******	-0.0276	-0.1138	-0.7192
0.650	-0.1460	-0.0906	-0.0360	-0.1150	-0.7331
0.675	*******	-0.1076	-0.0479	-0.1195	-0.7040
0.700	-0.1497	-0.1213	-0.0533	-0.1210	-0.6238
0.725	*******	-0.1372	*******	-0.1250	-0.4932
0.750	-0.1500	-0.1510	*******	-0.1299	-0.3655
0.775	*******	-0.1656	-0.0953	-0.1418	-0.2546
0.800	-0.1414	-0.1794	-0.1191	-0.1560	*******
0.825	*******	-0.1907	-0.1460	-0.1563	-0.2860
0.850	-0.1293	-0.1984	-0.1721	-0.1973	-0.3159
0.875	*******	-0.2031	-0.1984	-0.2281	-0.5191
0.900	-0.1097	-0.2050	-0.2202	-0.2652	-0.6580
0.925	*******	-0.2003	-0.2319	-0.2902	-1.0125
0.950	-0.0758	-0.1801	-0.2328	-0.3006	-0.5213
0.975	*******	-0.1565	-0.2121	-0.2878	-0.4214
1.000	0.1270	0.0494	-0.0006	-0.0897	-0.1029
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0422	0.0568	0.1252	*******	-0.6453
-0.400	0.0258	0.0596	0.0898	-0.0588	-0.7297
-0.600	0.0222	0.0496	0.0727	-0.0329	-0.7430
-0.700	0.0333	0.0314	0.0609	-0.0232	-0.7278
-0.800	0.0623	*******	0.0416	-0.0177	-0.6766
-0.850	*******	0.0453	0.0354	-0.0246	-0.6919
-0.900	*******	0.0759	0.0494	-0.0212	-0.7272
-0.950	0.1739	0.1339	0.1069	0.0323	-0.2883
-0.975	*******	0.1852	0.1611	0.0954	-0.1205
-1.000	0.1112	0.0498	-0.0528	-0.0456	-0.0620

Surface Pressures



Medium Radius L.E.

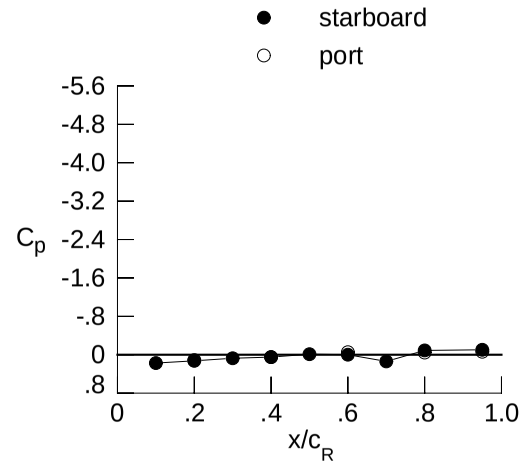
Run No. = 19 , Point No. = 373

C_N = 0.106, C_m = -0.0152

α = 2.9 °, M_∞ = 0.849

R_{mac} = 72.5×10^6

Leading Edge Pressures

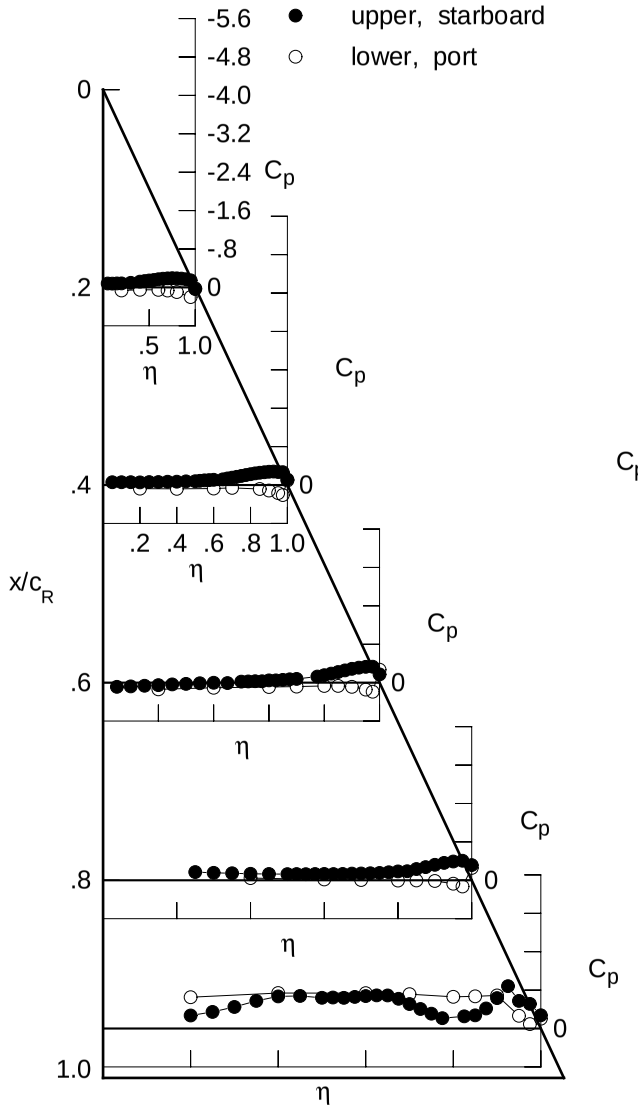


x/c_R	starb'd C_p	port C_p
0.10	0.1735	*******
0.20	0.1270	0.1112
0.30	0.0733	*******
0.40	0.0494	0.0498
0.50	-0.0115	*******
0.60	-0.0006	-0.0528
0.70	0.1391	*******
0.80	-0.0897	-0.0456
0.90	*******	*******
0.95	-0.1029	-0.0620

Table E7. 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	-0.0809	-0.0582	0.0870	*******	*******
0.100	-0.0781	-0.0588	0.0783	*******	*******
0.150	-0.0821	-0.0591	0.0649	*******	*******
0.200	-0.0835	-0.0554	0.0519	*******	-0.2710
0.250	*******	-0.0617	0.0369	-0.1714	-0.3457
0.300	-0.0952	-0.0626	0.0254	-0.1555	-0.4492
0.350	*******	-0.0685	0.0128	-0.1464	-0.5749
0.400	-0.1196	-0.0697	0.0024	-0.1350	-0.6692
0.450	-0.1313	-0.0770	0.0091	-0.1309	-0.6784
0.500	-0.1442	-0.0788	-0.0205	-0.1278	-0.6400
0.525	*******	-0.0881	-0.0249	-0.1294	-0.6457
0.550	-0.1536	-0.0972	-0.0296	-0.1268	-0.6390
0.575	*******	-0.1021	-0.0284	-0.1302	-0.6584
0.600	-0.1697	-0.1097	-0.0475	-0.1316	-0.6759
0.625	*******	*******	-0.0473	-0.1297	-0.6903
0.650	-0.1811	-0.1183	-0.0574	-0.1318	-0.6890
0.675	*******	-0.1374	-0.0697	-0.1390	-0.6188
0.700	-0.1882	-0.1536	-0.0776	-0.1413	-0.5097
0.725	*******	-0.1716	*******	-0.1466	-0.4063
0.750	-0.1924	-0.1896	*******	-0.1528	-0.3089
0.775	*******	-0.2082	-0.1264	-0.1670	-0.2151
0.800	-0.1888	-0.2257	-0.1552	-0.1848	*******
0.825	*******	-0.2430	-0.1881	-0.1886	-0.2538
0.850	-0.1828	-0.2560	-0.2206	-0.2340	-0.2746
0.875	*******	-0.2667	-0.2552	-0.2748	-0.4175
0.900	-0.1699	-0.2766	-0.2882	-0.3225	-0.6340
0.925	*******	-0.2807	-0.3117	-0.3624	-0.8822
0.950	-0.1477	-0.2709	-0.3293	-0.3913	-0.5753
0.975	*******	-0.2678	-0.3320	-0.4071	-0.5131
1.000	0.0356	-0.1154	-0.1717	-0.3166	-0.2761
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0640	0.0756	0.1392	*******	-0.6519
-0.400	0.0496	0.0793	0.1065	-0.0458	-0.7388
-0.600	0.0510	0.0729	0.0910	-0.0174	-0.7364
-0.700	0.0654	0.0594	0.0822	-0.0056	-0.7155
-0.800	0.0965	*******	0.0690	0.0056	-0.6600
-0.850	*******	0.0824	0.0679	0.0032	-0.6705
-0.900	*******	0.1147	0.0873	0.0143	-0.6891
-0.950	0.2020	0.1682	0.1444	0.0714	-0.2649
-0.975	*******	0.2084	0.1892	0.1284	-0.0923
-1.000	0.0198	-0.0945	-0.2692	-0.2565	-0.2048

Surface Pressures



Medium Radius L.E.

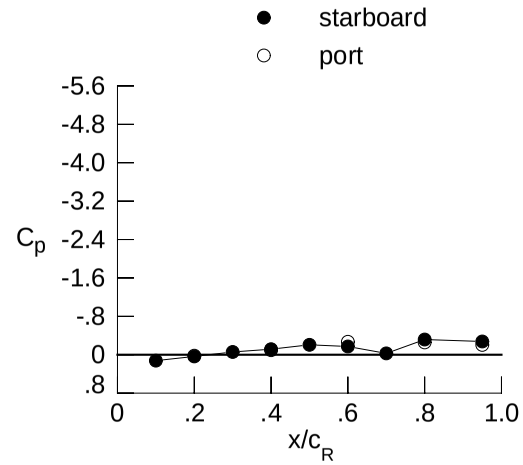
Run No. = 19 , Point No. = 374

C_N = 0.148, C_m = -0.0231

α = 3.9 °, M_∞ = 0.849

R_{mac} = 72.3×10^6

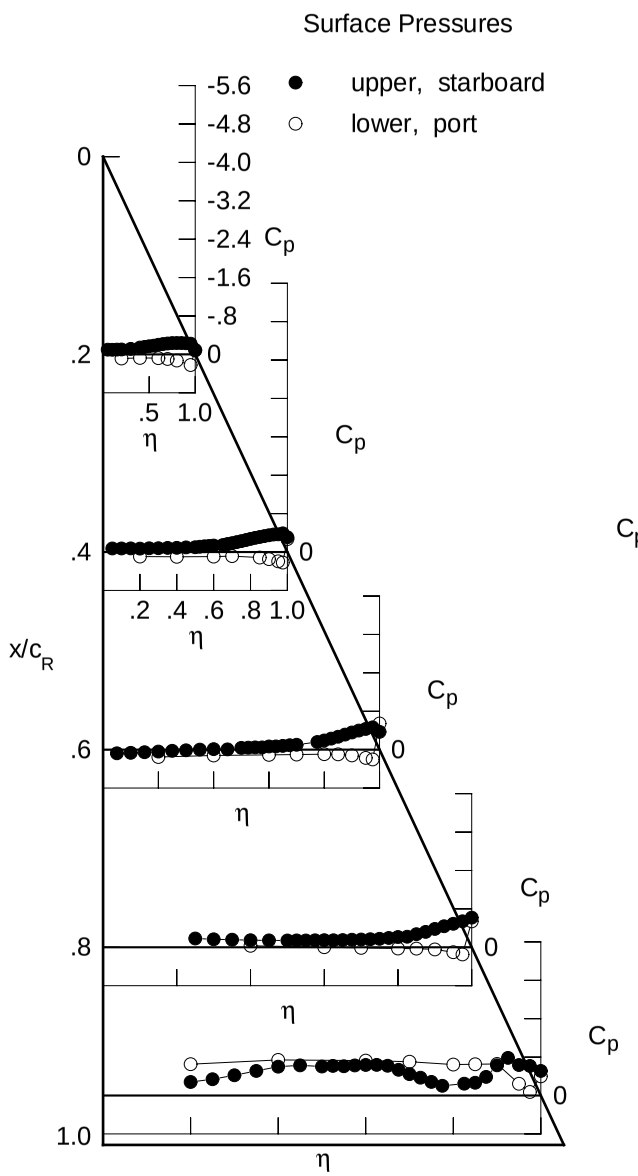
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1234	*******
0.20	0.0356	0.0198
0.30	-0.0575	*******
0.40	-0.1154	-0.0945
0.50	-0.2067	*******
0.60	-0.1717	-0.2692
0.70	-0.0277	*******
0.80	-0.3166	-0.2565
0.90	*******	*******
0.95	-0.2761	-0.2048

Table E7. Continued.

η	x/c_R .2 C_p,u	x/c_R .4 C_p,u	x/c_R .6 C_p,u	x/c_R .8 C_p,u	x/c_R .95 C_p,u
0.050	-0.0986	-0.0745	0.0763	*******	*******
0.100	-0.0962	-0.0743	0.0665	*******	*******
0.150	-0.1003	-0.0757	0.0534	*******	*******
0.200	-0.1026	-0.0711	0.0402	*******	-0.2816
0.250	*******	-0.0784	0.0241	-0.1830	-0.3392
0.300	-0.1152	-0.0797	0.0134	-0.1667	-0.4217
0.350	*******	-0.0865	-0.0007	-0.1585	-0.5123
0.400	-0.1421	-0.0881	-0.0105	-0.1472	-0.6010
0.450	-0.1552	-0.0965	-0.0056	-0.1438	-0.6281
0.500	-0.1698	-0.0999	-0.0371	-0.1417	-0.6044
0.525	*******	-0.1101	-0.0419	-0.1429	-0.6166
0.550	-0.1818	-0.1204	-0.0470	-0.1419	-0.6097
0.575	*******	-0.1261	-0.0466	-0.1456	-0.6261
0.600	-0.2011	-0.1349	-0.0664	-0.1478	-0.6364
0.625	*******	*******	-0.0672	-0.1464	-0.6386
0.650	-0.2153	-0.1456	-0.0782	-0.1501	-0.6196
0.675	*******	-0.1669	-0.0921	-0.1575	-0.5358
0.700	-0.2268	-0.1852	-0.1017	-0.1612	-0.4451
0.725	*******	-0.2065	*******	-0.1680	-0.3710
0.750	-0.2357	-0.2274	*******	-0.1767	-0.2833
0.775	*******	-0.2498	-0.1590	-0.1941	-0.2028
0.800	-0.2368	-0.2734	-0.1916	-0.2143	*******
0.825	*******	-0.2951	-0.2297	-0.2199	-0.2463
0.850	-0.2367	-0.3136	-0.2687	-0.2725	-0.2658
0.875	*******	-0.3320	-0.3140	-0.3207	-0.3880
0.900	-0.2319	-0.3493	-0.3580	-0.3822	-0.6291
0.925	*******	-0.3648	-0.3973	-0.4388	-0.7841
0.950	-0.2229	-0.3690	-0.4313	-0.4898	-0.6355
0.975	*******	-0.3900	-0.4650	-0.5416	-0.6162
1.000	-0.0820	-0.3078	-0.3705	-0.6174	-0.5123
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0859	0.0941	0.1535	*******	-0.6524
-0.400	0.0732	0.0991	0.1214	-0.0315	-0.7413
-0.600	0.0787	0.0952	0.1090	-0.0018	-0.7274
-0.700	0.0951	0.0850	0.1025	0.0118	-0.7039
-0.800	0.1279	*******	0.0947	0.0257	-0.6449
-0.850	*******	0.1151	0.0977	0.0280	-0.6511
-0.900	*******	0.1473	0.1203	0.0447	-0.6575
-0.950	0.2218	0.1939	0.1721	0.1028	-0.2452
-0.975	*******	0.2190	0.2044	0.1486	-0.0732
-1.000	-0.0938	-0.2695	-0.5451	-0.5402	-0.3991



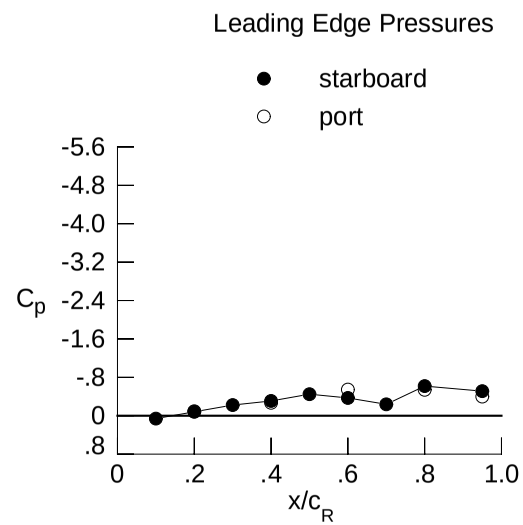
Medium Radius L.E.

Run No. = 19 , Point No. = 375

C_N = 0.191, C_m = -0.0307

α = 5.0 °, M_∞ = 0.849

R_{mac} = 72.1×10^6

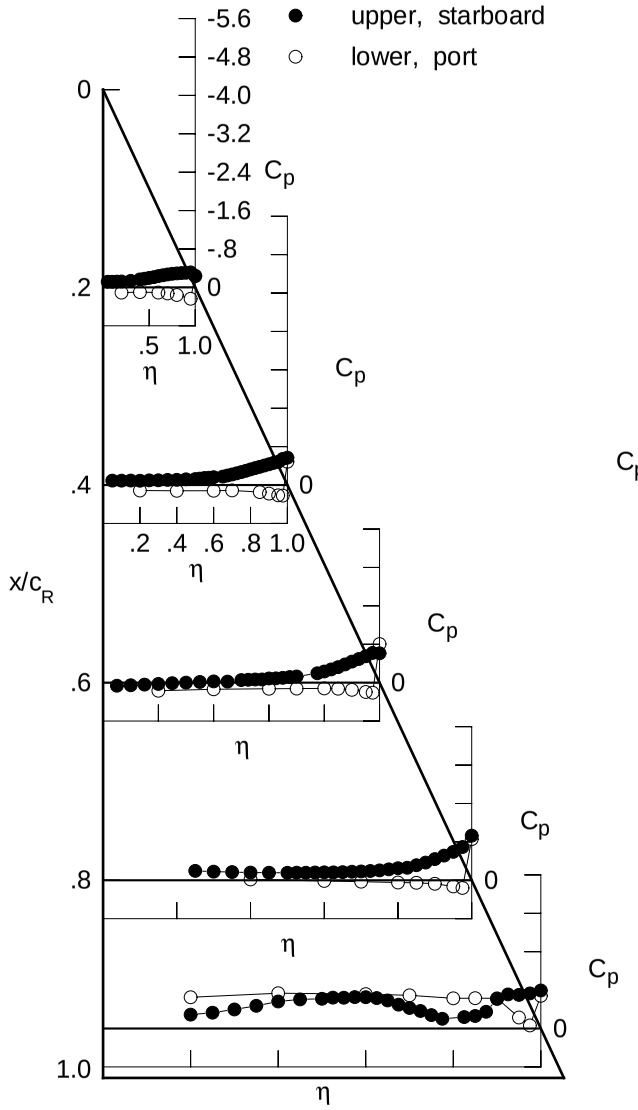


x/c_R	starb'd C_p	port C_p
0.10	0.0600	*******
0.20	-0.0820	-0.0938
0.30	-0.2224	*******
0.40	-0.3078	-0.2695
0.50	-0.4491	*******
0.60	-0.3705	-0.5451
0.70	-0.2379	*******
0.80	-0.6174	-0.5402
0.90	*******	*******
0.95	-0.5123	-0.3991

Table E7. 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	-0.1174	-0.0919	0.0639	*******	*******
0.100	-0.1166	-0.0914	0.0547	*******	*******
0.150	-0.1205	-0.0940	0.0412	*******	*******
0.200	-0.1233	-0.0897	0.0276	*******	-0.2889
0.250	*******	-0.0979	0.0111	-0.1958	-0.3297
0.300	-0.1364	-0.0994	-0.0004	-0.1803	-0.3970
0.350	*******	-0.1069	-0.0148	-0.1713	-0.4726
0.400	-0.1661	-0.1090	-0.0258	-0.1609	-0.5631
0.450	-0.1809	-0.1189	-0.0218	-0.1580	-0.6064
0.500	-0.1979	-0.1243	-0.0539	-0.1564	-0.6190
0.525	*******	-0.1346	-0.0599	-0.1581	-0.6429
0.550	-0.2127	-0.1461	-0.0653	-0.1577	-0.6419
0.575	*******	-0.1529	-0.0661	-0.1621	-0.6541
0.600	-0.2348	-0.1631	-0.0872	-0.1653	-0.6531
0.625	*******	*******	-0.0895	-0.1650	-0.6342
0.650	-0.2532	-0.1764	-0.1011	-0.1699	-0.5846
0.675	*******	-0.1988	-0.1167	-0.1781	-0.4969
0.700	-0.2695	-0.2198	-0.1283	-0.1837	-0.4283
0.725	*******	-0.2444	*******	-0.1940	-0.3644
0.750	-0.2832	-0.2697	*******	-0.2062	-0.2795
0.775	*******	-0.2965	-0.1949	-0.2277	-0.2025
0.800	-0.2912	-0.3257	-0.2318	-0.2509	*******
0.825	*******	-0.3532	-0.2748	-0.2605	-0.2387
0.850	-0.2983	-0.3793	-0.3220	-0.3139	-0.2609
0.875	*******	-0.4066	-0.3791	-0.3690	-0.3489
0.900	-0.3041	-0.4326	-0.4380	-0.4420	-0.6159
0.925	*******	-0.4612	-0.4918	-0.5145	-0.7107
0.950	-0.3126	-0.4829	-0.5486	-0.5918	-0.7002
0.975	*******	-0.5445	-0.6193	-0.6937	-0.7311
1.000	-0.2333	-0.5698	-0.6123	-0.9307	-0.7919
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1087	0.1142	0.1688	*******	-0.6509
-0.400	0.0984	0.1197	0.1380	-0.0176	-0.7352
-0.600	0.1077	0.1187	0.1275	0.0138	-0.7162
-0.700	0.1259	0.1120	0.1237	0.0291	-0.6916
-0.800	0.1586	*******	0.1199	0.0464	-0.6289
-0.850	*******	0.1474	0.1263	0.0520	-0.6319
-0.900	*******	0.1781	0.1499	0.0730	-0.6282
-0.950	0.2365	0.2146	0.1948	0.1279	-0.2299
-0.975	*******	0.2203	0.2094	0.1589	-0.0640
-1.000	-0.2435	-0.4859	-0.8037	-0.8571	-0.6808

Surface Pressures



Medium Radius L.E.

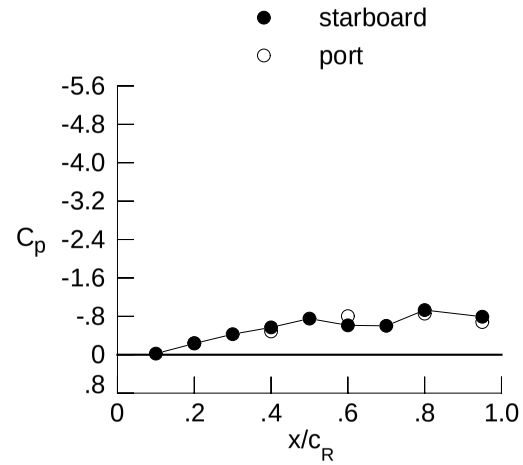
Run No. = 19 , Point No. = 376

C_N = 0.235, C_m = -0.0375

α = 6.0 °, M_∞ = 0.849

R_{mac} = 72.2×10^6

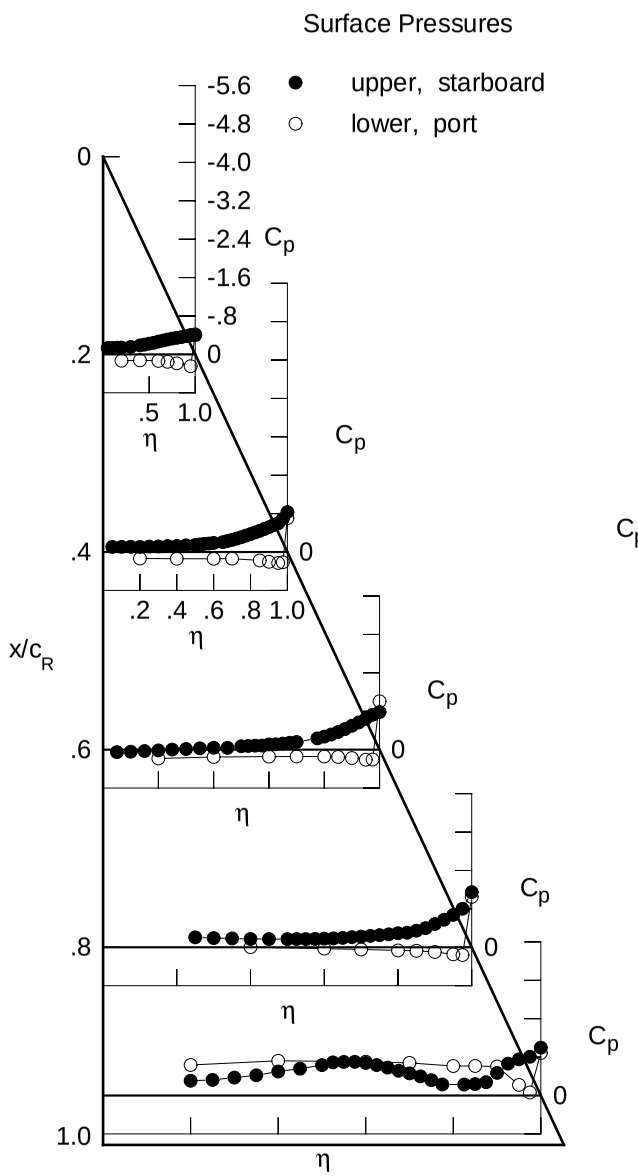
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.0232	*******
0.20	-0.2333	-0.2435
0.30	-0.4278	*******
0.40	-0.5698	-0.4859
0.50	-0.7526	*******
0.60	-0.6123	-0.8037
0.70	-0.6023	*******
0.80	-0.9307	-0.8571
0.90	*******	*******
0.95	-0.7919	-0.6808

Table E7. 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	-0.1336	-0.1072	0.0523	*******	*******
0.100	-0.1343	-0.1083	0.0431	*******	*******
0.150	-0.1389	-0.1099	0.0293	*******	*******
0.200	-0.1425	-0.1067	0.0160	*******	-0.3072
0.250	*******	-0.1147	-0.0013	-0.2073	-0.3248
0.300	-0.1564	-0.1171	-0.0131	-0.1922	-0.3730
0.350	*******	-0.1252	-0.0281	-0.1842	-0.4210
0.400	-0.1872	-0.1282	-0.0400	-0.1730	-0.5002
0.450	-0.2037	-0.1398	-0.0369	-0.1712	-0.5592
0.500	-0.2237	-0.1458	-0.0702	-0.1702	-0.6330
0.525	*******	-0.1575	-0.0767	-0.1720	-0.6901
0.550	-0.2413	-0.1700	-0.0831	-0.1713	-0.6993
0.575	*******	-0.1777	-0.0844	-0.1754	-0.7020
0.600	-0.2666	-0.1893	-0.1077	-0.1809	-0.6784
0.625	*******	*******	-0.1113	-0.1856	-0.6335
0.650	-0.2891	-0.2057	-0.1258	-0.1957	-0.5811
0.675	*******	-0.2299	-0.1437	-0.2103	-0.5154
0.700	-0.3101	-0.2533	-0.1592	-0.2234	-0.4612
0.725	*******	-0.2807	*******	-0.2379	-0.3991
0.750	-0.3295	-0.3091	*******	-0.2529	-0.3193
0.775	*******	-0.3414	-0.2347	-0.2706	-0.2294
0.800	-0.3447	-0.3747	-0.2711	-0.2925	*******
0.825	*******	-0.4092	-0.3155	-0.3036	-0.2281
0.850	-0.3596	-0.4430	-0.3666	-0.3453	-0.2374
0.875	*******	-0.4802	-0.4285	-0.3995	-0.2777
0.900	-0.3791	-0.5186	-0.4974	-0.4843	-0.4709
0.925	*******	-0.5613	-0.5663	-0.5736	-0.6637
0.950	-0.4042	-0.5983	-0.6417	-0.6748	-0.7539
0.975	*******	-0.6923	-0.7263	-0.8024	-0.8075
1.000	-0.4014	-0.8325	-0.7831	-1.1498	-0.9978
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1309	0.1340	0.1834	*******	-0.6358
-0.400	0.1228	0.1394	0.1538	-0.0034	-0.7231
-0.600	0.1349	0.1411	0.1448	0.0282	-0.7038
-0.700	0.1545	0.1369	0.1434	0.0447	-0.6790
-0.800	0.1867	*******	0.1425	0.0654	-0.6145
-0.850	*******	0.1755	0.1517	0.0736	-0.6155
-0.900	*******	0.2035	0.1746	0.0971	-0.6046
-0.950	0.2461	0.2281	0.2099	0.1463	-0.2206
-0.975	*******	0.2127	0.2059	0.1607	-0.0641
-1.000	-0.4166	-0.7063	-1.0076	-1.0500	-0.8849



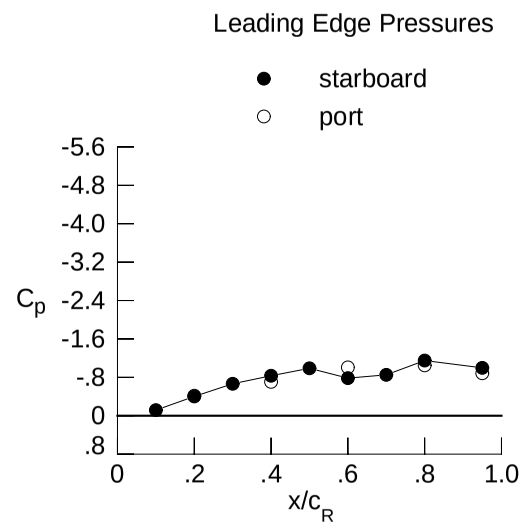
Medium Radius L.E.

Run No. = 19 , Point No. = 377

C_N = 0.280, C_m = -0.0450

α = 7.1 °, M_∞ = 0.848

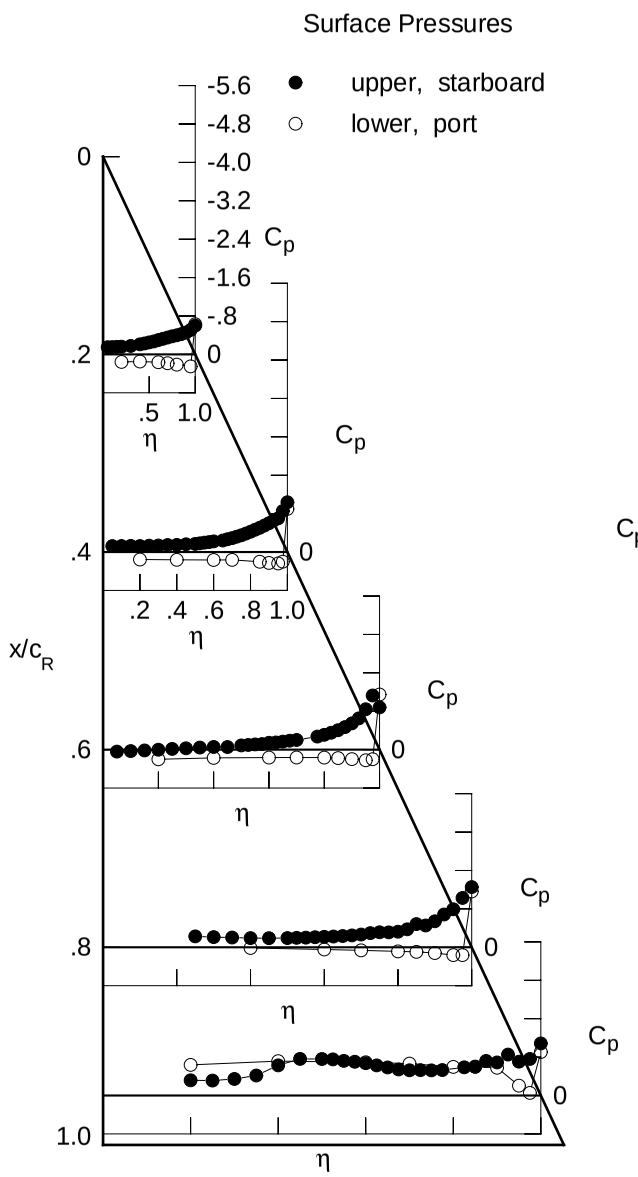
$R_{mac} = 72.2 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.1168	*******
0.20	-0.4014	-0.4166
0.30	-0.6659	*******
0.40	-0.8325	-0.7063
0.50	-0.9883	*******
0.60	-0.7831	-1.0076
0.70	-0.8519	*******
0.80	-1.1498	-1.0500
0.90	*******	*******
0.95	-0.9978	-0.8849

Table E7. 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	-0.1495	-0.1237	0.0404	*******	*******
0.100	-0.1524	-0.1255	0.0295	*******	*******
0.150	-0.1568	-0.1276	0.0165	*******	*******
0.200	-0.1611	-0.1247	0.0016	*******	-0.3168
0.250	*******	-0.1327	-0.0154	-0.2271	-0.3115
0.300	-0.1757	-0.1356	-0.0282	-0.2117	-0.3451
0.350	*******	-0.1453	-0.0433	-0.2034	-0.4172
0.400	-0.2098	-0.1490	-0.0557	-0.1911	-0.6283
0.450	-0.2277	-0.1616	-0.0544	-0.1893	-0.7623
0.500	-0.2494	-0.1687	-0.0882	-0.1924	-0.7601
0.525	*******	-0.1817	-0.0975	-0.1979	-0.7528
0.550	-0.2699	-0.1961	-0.1088	-0.2007	-0.7214
0.575	*******	-0.2073	-0.1157	-0.2098	-0.7031
0.600	-0.2983	-0.2216	-0.1436	-0.2184	-0.6734
0.625	*******	*******	-0.1498	-0.2242	-0.6270
0.650	-0.3251	-0.2401	-0.1669	-0.2342	-0.5845
0.675	*******	-0.2662	-0.1860	-0.2468	-0.5430
0.700	-0.3511	-0.2897	-0.2013	-0.2656	-0.5258
0.725	*******	-0.3193	*******	-0.2949	-0.5285
0.750	-0.3771	-0.3492	*******	-0.3126	-0.5242
0.775	*******	-0.3850	-0.2720	-0.3108	-0.5304
0.800	-0.3986	-0.4231	-0.3086	-0.3251	*******
0.825	*******	-0.4651	-0.3516	-0.3742	-0.5872
0.850	-0.4237	-0.5056	-0.4047	-0.4836	-0.6021
0.875	*******	-0.5509	-0.4698	-0.4545	-0.7201
0.900	-0.4554	-0.5998	-0.5472	-0.5416	-0.6885
0.925	*******	-0.6561	-0.6515	-0.6833	-0.8528
0.950	-0.5089	-0.7013	-0.8420	-0.7919	-0.7052
0.975	*******	-0.8546	-1.1277	-1.0280	-0.7618
1.000	-0.6000	-1.0371	-0.8803	-1.2542	-1.0850
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1569	0.1557	0.2011	*******	-0.6379
-0.400	0.1488	0.1620	0.1717	0.0140	-0.7162
-0.600	0.1633	0.1657	0.1648	0.0457	-0.6918
-0.700	0.1837	0.1631	0.1644	0.0638	-0.6646
-0.800	0.2139	*******	0.1656	0.0852	-0.5964
-0.850	*******	0.2028	0.1761	0.0952	-0.5966
-0.900	*******	0.2270	0.1978	0.1199	-0.5787
-0.950	0.2499	0.2377	0.2214	0.1623	-0.2048
-0.975	*******	0.2004	0.1991	0.1623	-0.0543
-1.000	-0.6299	-0.8987	-1.1484	-1.1635	-0.9060



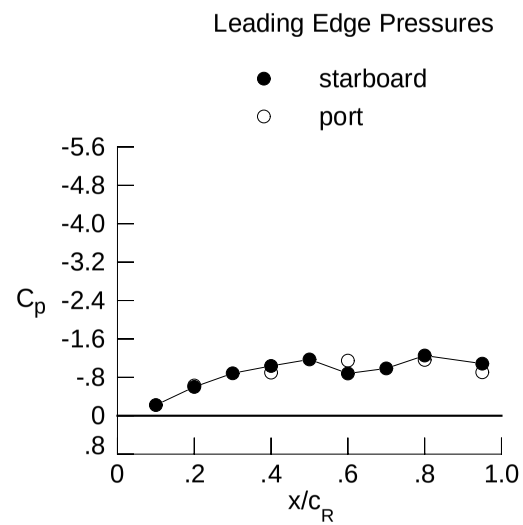
Medium Radius L.E.

Run No. = 19 , Point No. = 378

C_N = 0.338, C_m = -0.0591

α = 8.1 °, M_∞ = 0.849

R_{mac} = 72.3×10^6

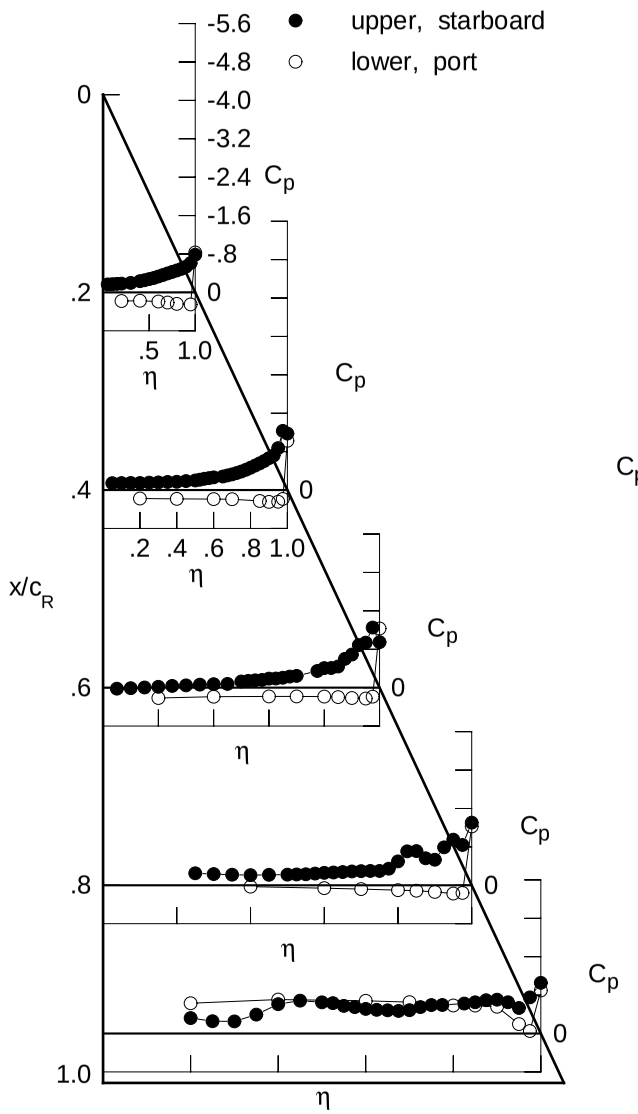


x/c_R	starb'd C_p	port C_p
0.10	-0.2227	*******
0.20	-0.6000	-0.6299
0.30	-0.8843	*******
0.40	-1.0371	-0.8987
0.50	-1.1731	*******
0.60	-0.8803	-1.1484
0.70	-0.9854	*******
0.80	-1.2542	-1.1635
0.90	*******	*******
0.95	-1.0850	-0.9060

Table E7. 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	-0.1665	-0.1432	0.0220	*******	*******
0.100	-0.1713	-0.1453	0.0115	*******	*******
0.150	-0.1774	-0.1474	-0.0031	*******	*******
0.200	-0.1823	-0.1466	-0.0175	*******	-0.3217
0.250	*******	-0.1547	-0.0361	-0.2502	-0.2563
0.300	-0.1978	-0.1590	-0.0474	-0.2336	-0.2523
0.350	*******	-0.1682	-0.0626	-0.2208	-0.3938
0.400	-0.2333	-0.1723	-0.0718	-0.2115	-0.6112
0.450	-0.2528	-0.1866	-0.0780	-0.2181	-0.6846
0.500	-0.2765	-0.1994	-0.1280	-0.2216	-0.6497
0.525	*******	-0.2156	-0.1412	-0.2259	-0.6331
0.550	-0.2998	-0.2348	-0.1532	-0.2297	-0.5759
0.575	*******	-0.2486	-0.1610	-0.2437	-0.5505
0.600	-0.3316	-0.2644	-0.1883	-0.2592	-0.5131
0.625	*******	*******	-0.1905	-0.2665	-0.4934
0.650	-0.3624	-0.2817	-0.2065	-0.2758	-0.4835
0.675	*******	-0.3039	-0.2305	-0.2882	-0.4704
0.700	-0.3950	-0.3260	-0.2449	-0.2943	-0.4858
0.725	*******	-0.3545	*******	-0.2982	-0.5508
0.750	-0.4267	-0.3852	*******	-0.2988	-0.5927
0.775	*******	-0.4228	-0.3470	-0.3455	-0.5945
0.800	-0.4568	-0.4652	-0.4070	-0.4975	*******
0.825	*******	-0.5104	-0.4088	-0.7076	-0.6244
0.850	-0.4904	-0.5564	-0.4396	-0.7130	-0.6503
0.875	*******	-0.6055	-0.6002	-0.5628	-0.6935
0.900	-0.5363	-0.6640	-0.6897	-0.5331	-0.7048
0.925	*******	-0.7187	-0.8866	-0.7902	-0.6515
0.950	-0.6109	-0.8736	-0.9378	-0.9506	-0.5322
0.975	*******	-1.2320	-1.2514	-0.8398	-0.7530
1.000	-0.7846	-1.1772	-0.9476	-1.3049	-1.0561
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1797	0.1768	0.2162	*******	-0.6305
-0.400	0.1739	0.1839	0.1887	0.0282	-0.7075
-0.600	0.1907	0.1887	0.1831	0.0604	-0.6813
-0.700	0.2109	0.1915	0.1830	0.0788	-0.6540
-0.800	0.2393	*******	0.1864	0.1018	-0.5837
-0.850	*******	0.2276	0.1971	0.1129	-0.5823
-0.900	*******	0.2468	0.2161	0.1380	-0.5578
-0.950	0.2504	0.2437	0.2272	0.1723	-0.1958
-0.975	*******	0.1854	0.1872	0.1587	-0.0516
-1.000	-0.8309	-1.0266	-1.2324	-1.2260	-0.8966

Surface Pressures



Medium Radius L.E.

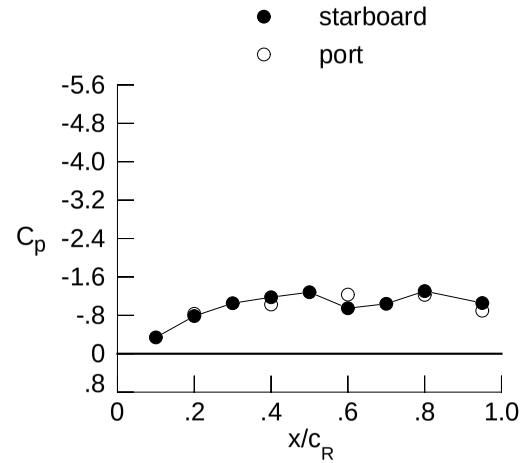
Run No. = 19 , Point No. = 379

C_N = 0.391, C_m = -0.0684

α = 9.2 °, M_∞ = 0.849

R_{mac} = 72.2×10^6

Leading Edge Pressures

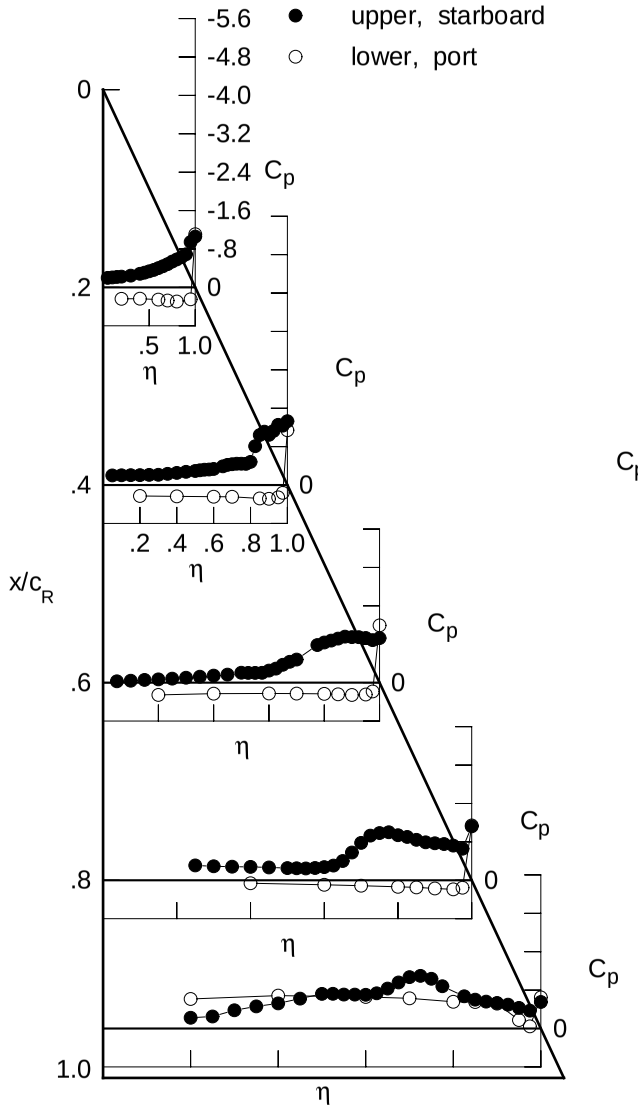


x/c_R	starb'd C_p	port C_p
0.10	-0.3396	*******
0.20	-0.7846	-0.8309
0.30	-1.0523	*******
0.40	-1.1772	-1.0266
0.50	-1.2815	*******
0.60	-0.9476	-1.2324
0.70	-1.0403	*******
0.80	-1.3049	-1.2260
0.90	*******	*******
0.95	-1.0561	-0.8966

Table E7. 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	-0.1999	-0.0282	*******	*******
0.100	-0.2069	-0.2028	-0.0397	*******	*******
0.150	-0.2173	-0.2053	-0.0568	*******	*******
0.200	-0.2244	-0.2063	-0.0676	*******	-0.2239
0.250	*******	-0.2124	-0.0835	-0.3092	-0.2502
0.300	-0.2451	-0.2133	-0.1021	-0.2919	-0.3798
0.350	*******	-0.2338	-0.1241	-0.2828	-0.4607
0.400	-0.2833	-0.2529	-0.1466	-0.2792	-0.5230
0.450	-0.3064	-0.2753	-0.1673	-0.2676	-0.6228
0.500	-0.3350	-0.2930	-0.2061	-0.2543	-0.7216
0.525	*******	-0.3068	-0.2034	-0.2504	-0.7232
0.550	-0.3638	-0.3190	-0.2033	-0.2466	-0.7071
0.575	*******	-0.3232	-0.2051	-0.2556	-0.7065
0.600	-0.4013	-0.3352	-0.2514	-0.2746	-0.7028
0.625	*******	*******	-0.2917	-0.3066	-0.7338
0.650	-0.4411	-0.3895	-0.3719	-0.4017	-0.8324
0.675	*******	-0.4197	-0.4346	-0.5787	-0.9594
0.700	-0.4838	-0.4332	-0.4805	-0.7791	-1.0703
0.725	*******	-0.4441	*******	-0.9308	-1.0971
0.750	-0.5378	-0.4439	*******	-0.9837	-1.0361
0.775	*******	-0.4415	-0.7835	-1.0011	-0.8808
0.800	-0.5822	-0.4820	-0.8364	-0.9394	*******
0.825	*******	-0.8087	-0.8764	-0.9029	-0.6708
0.850	-0.6284	-1.0417	-0.9176	-0.8432	-0.6008
0.875	*******	-1.1117	-0.9587	-0.7914	-0.5600
0.900	-0.6898	-1.0459	-0.9477	-0.7711	-0.5319
0.925	*******	-1.1270	-0.9470	-0.7555	-0.4969
0.950	-0.9455	-1.2544	-0.9302	-0.7225	-0.4297
0.975	*******	-1.2371	-0.8859	-0.6573	-0.3723
1.000	-1.0584	-1.3300	-0.9277	-1.1243	-0.5531
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2380	0.2282	0.2557	*******	-0.6152
-0.400	0.2355	0.2360	0.2294	0.0616	-0.6854
-0.600	0.2542	0.2429	0.2254	0.0935	-0.6577
-0.700	0.2736	0.2449	0.2280	0.1131	-0.6290
-0.800	0.2942	*******	0.2333	0.1359	-0.5570
-0.850	*******	0.2795	0.2433	0.1477	-0.5518
-0.900	*******	0.2871	0.2567	0.1704	-0.5185
-0.950	0.2484	0.2569	0.2476	0.1890	-0.1760
-0.975	*******	0.1628	0.1830	0.1541	-0.0447
-1.000	-1.1072	-1.1419	-1.1930	-1.1423	-0.6483

Surface Pressures



Medium Radius L.E.

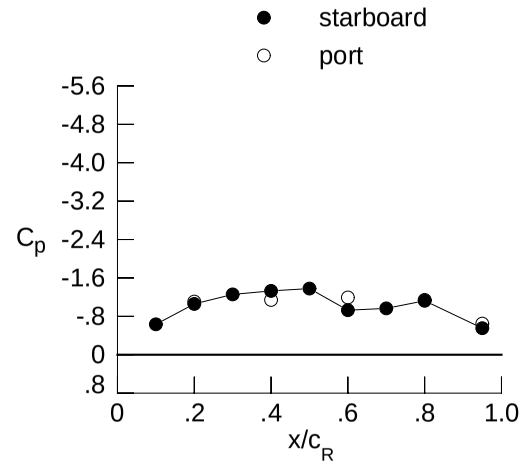
Run No. = 19 , Point No. = 380

C_N = 0.525, C_m = -0.0937

α = 11.3 °, M_∞ = 0.852

R_{mac} = 72.4×10^6

Leading Edge Pressures

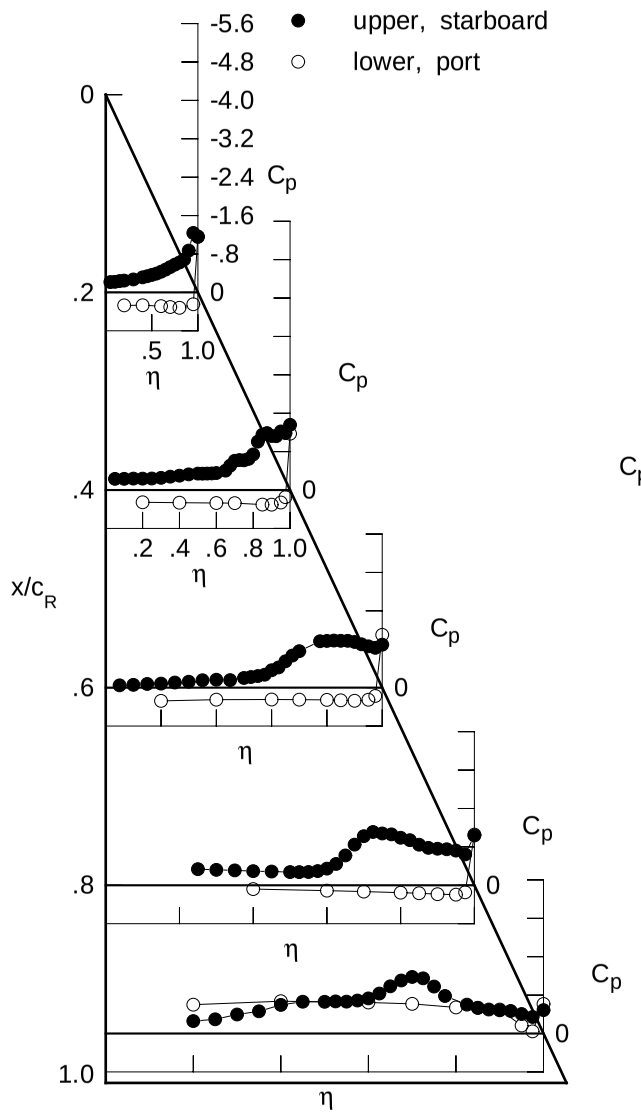


x/c_R	starb'd C_p	port C_p
0.10	-0.6333	*******
0.20	-1.0584	-1.1072
0.30	-1.2566	*******
0.40	-1.3300	-1.1419
0.50	-1.3781	*******
0.60	-0.9277	-1.1930
0.70	-0.9654	*******
0.80	-1.1243	-1.1423
0.90	*******	*******
0.95	-0.5531	-0.6483

Table E7. 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	-0.2152	-0.2326	-0.0482	*******	*******
0.100	-0.2202	-0.2339	-0.0587	*******	*******
0.150	-0.2357	-0.2383	-0.0766	*******	*******
0.200	-0.2453	-0.2375	-0.0840	*******	-0.2593
0.250	*******	-0.2399	-0.1066	-0.3360	-0.2958
0.300	-0.2692	-0.2547	-0.1231	-0.3220	-0.3963
0.350	*******	-0.2786	-0.1544	-0.3106	-0.4623
0.400	-0.3134	-0.2992	-0.1650	-0.2946	-0.5961
0.450	-0.3369	-0.3263	-0.1568	-0.2861	-0.6622
0.500	-0.3642	-0.3426	-0.2017	-0.2755	-0.6610
0.525	*******	-0.3412	-0.2210	-0.2744	-0.6686
0.550	-0.3909	-0.3432	-0.2419	-0.2766	-0.6640
0.575	*******	-0.3457	-0.2693	-0.2963	-0.6874
0.600	-0.4305	-0.3544	-0.3623	-0.3469	-0.7313
0.625	*******	*******	-0.4208	-0.4446	-0.8328
0.650	-0.4755	-0.4038	-0.5488	-0.6220	-0.9832
0.675	*******	-0.5079	-0.6692	-0.8474	-1.1047
0.700	-0.5270	-0.6096	-0.7601	-1.0229	-1.1780
0.725	*******	-0.6246	*******	-1.1100	-1.1494
0.750	-0.5785	-0.6194	*******	-1.0792	-0.9785
0.775	*******	-0.6485	-0.9664	-1.0606	-0.7816
0.800	-0.6235	-0.7417	-0.9737	-0.9907	*******
0.825	*******	-1.0077	-0.9807	-0.9402	-0.6014
0.850	-0.6840	-1.1532	-0.9762	-0.8459	-0.5332
0.875	*******	-1.1865	-0.9759	-0.7801	-0.4997
0.900	-0.8712	-1.1264	-0.9523	-0.7614	-0.4829
0.925	*******	-1.1218	-0.9034	-0.7503	-0.4698
0.950	-1.2384	-1.2206	-0.8611	-0.7228	-0.4062
0.975	*******	-1.1863	-0.8293	-0.6429	-0.3444
1.000	-1.1559	-1.3585	-0.8953	-1.0374	-0.4871
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2707	0.2552	0.2763	*******	-0.6008
-0.400	0.2679	0.2638	0.2507	0.0790	-0.6726
-0.600	0.2868	0.2703	0.2471	0.1115	-0.6464
-0.700	0.3047	0.2727	0.2503	0.1311	-0.6173
-0.800	0.3212	*******	0.2550	0.1539	-0.5435
-0.850	*******	0.3031	0.2643	0.1655	-0.5371
-0.900	*******	0.3046	0.2737	0.1856	-0.4991
-0.950	0.2472	0.2601	0.2521	0.1950	-0.1669
-0.975	*******	0.1487	0.1727	0.1465	-0.0450
-1.000	-1.1649	-1.1735	-1.1004	-1.0557	-0.6156

Surface Pressures



Medium Radius L.E.

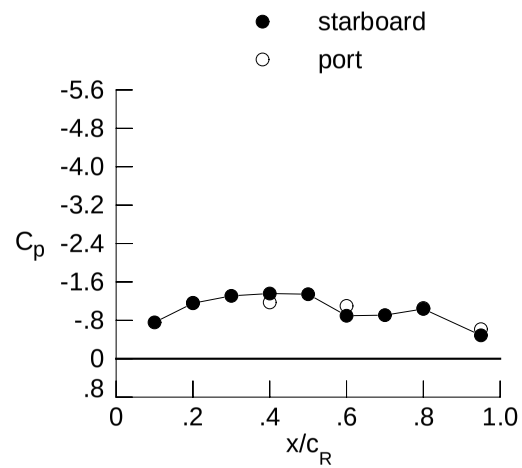
Run No. = 19 , Point No. = 381

C_N = 0.585, C_m = -0.1028

α = 12.4 °, M_∞ = 0.852

R_{mac} = 72.2×10^6

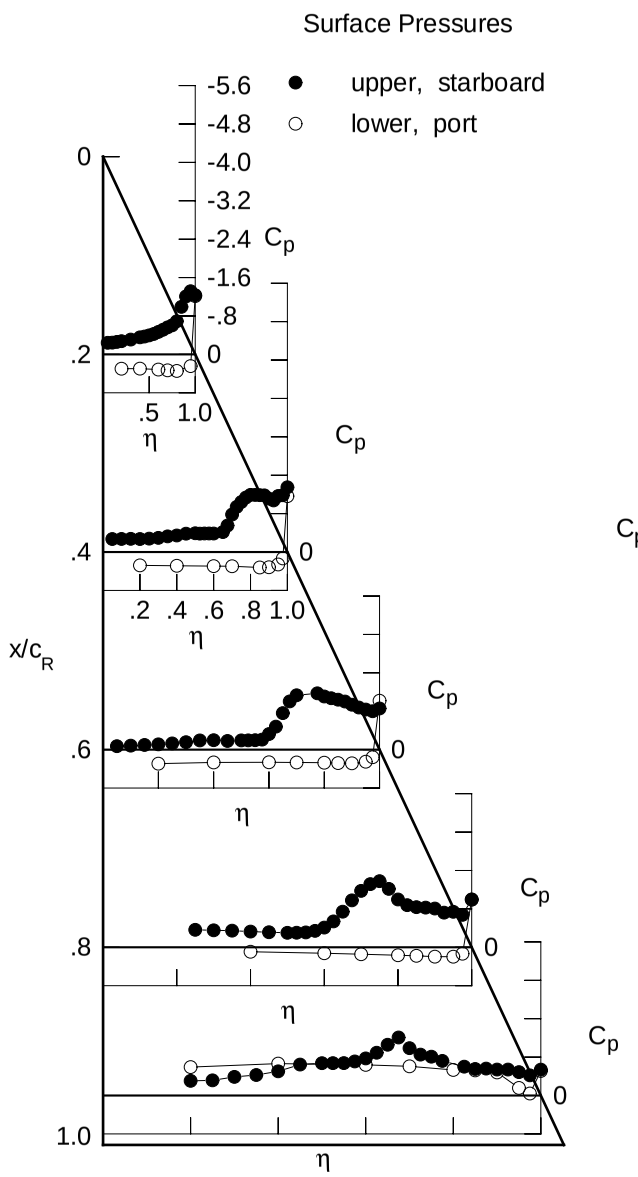
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7571	*******
0.20	-1.1559	-1.1649
0.30	-1.3099	*******
0.40	-1.3585	-1.1735
0.50	-1.3442	*******
0.60	-0.8953	-1.1004
0.70	-0.9079	*******
0.80	-1.0374	-1.0557
0.90	*******	*******
0.95	-0.4871	-0.6156

Table E7. 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	-0.2417	-0.2713	-0.0722	*******	*******
0.100	-0.2446	-0.2730	-0.0831	*******	*******
0.150	-0.2601	-0.2749	-0.0979	*******	*******
0.200	-0.2754	-0.2709	-0.1106	*******	-0.3053
0.250	*******	-0.2791	-0.1299	-0.3641	-0.3158
0.300	-0.3088	-0.2952	-0.1548	-0.3536	-0.3881
0.350	*******	-0.3265	-0.1918	-0.3462	-0.4269
0.400	-0.3548	-0.3446	-0.1966	-0.3269	-0.5040
0.450	-0.3718	-0.3827	-0.1806	-0.3138	-0.6444
0.500	-0.3961	-0.3914	-0.1929	-0.3017	-0.6737
0.525	*******	-0.3834	-0.1932	-0.3033	-0.6741
0.550	-0.4254	-0.3867	-0.1969	-0.3099	-0.6751
0.575	*******	-0.3861	-0.2085	-0.3422	-0.7096
0.600	-0.4677	-0.3857	-0.3252	-0.4105	-0.7728
0.625	*******	*******	-0.4788	-0.5390	-0.8912
0.650	-0.5132	-0.4163	-0.7608	-0.7417	-1.0575
0.675	*******	-0.5521	-1.0049	-0.9776	-1.2090
0.700	-0.5629	-0.7818	-1.1325	-1.1755	-0.9862
0.725	*******	-0.9410	*******	-1.3158	-0.8523
0.750	-0.6057	-1.0423	*******	-1.3774	-0.8089
0.775	*******	-1.1354	-1.1738	-1.2167	-0.7211
0.800	-0.6903	-1.1911	-1.1071	-0.9957	*******
0.825	*******	-1.1894	-1.0708	-0.8777	-0.6005
0.850	-0.9906	-1.1848	-1.0409	-0.8358	-0.5532
0.875	*******	-1.1810	-1.0024	-0.8264	-0.5611
0.900	-1.2084	-1.1125	-0.9362	-0.8073	-0.5410
0.925	*******	-1.0752	-0.8779	-0.7218	-0.5404
0.950	-1.3160	-1.1672	-0.8354	-0.7391	-0.4876
0.975	*******	-1.1829	-0.8001	-0.6762	-0.4198
1.000	-1.2334	-1.3489	-0.8577	-0.9967	-0.5389
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2983	0.2777	0.2917	*******	-0.5921
-0.400	0.2967	0.2862	0.2666	0.0930	-0.6646
-0.600	0.3161	0.2932	0.2636	0.1242	-0.6382
-0.700	0.3320	0.2962	0.2672	0.1444	-0.6082
-0.800	0.3446	*******	0.2718	0.1660	-0.5326
-0.850	*******	0.3219	0.2798	0.1779	-0.5230
-0.900	*******	0.3172	0.2850	0.1956	-0.4807
-0.950	0.2438	0.2594	0.2508	0.1956	-0.1575
-0.975	*******	0.1329	0.1578	0.1339	-0.0417
-1.000	-1.2148	-1.1641	-1.0195	-0.9923	-0.5111



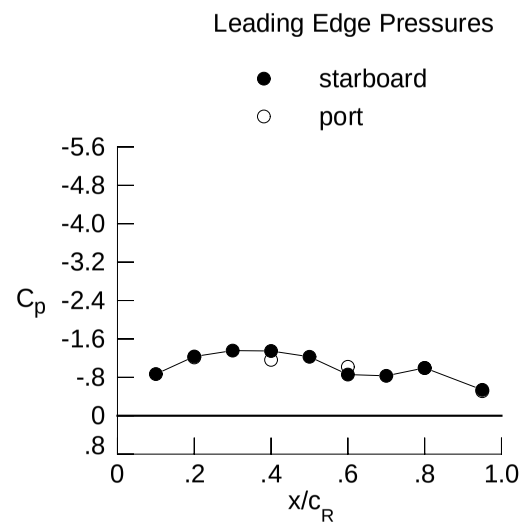
Medium Radius L.E.

Run No. = 19 , Point No. = 382

C_N = 0.646, C_m = -0.1117

α = 13.5 °, M_∞ = 0.853

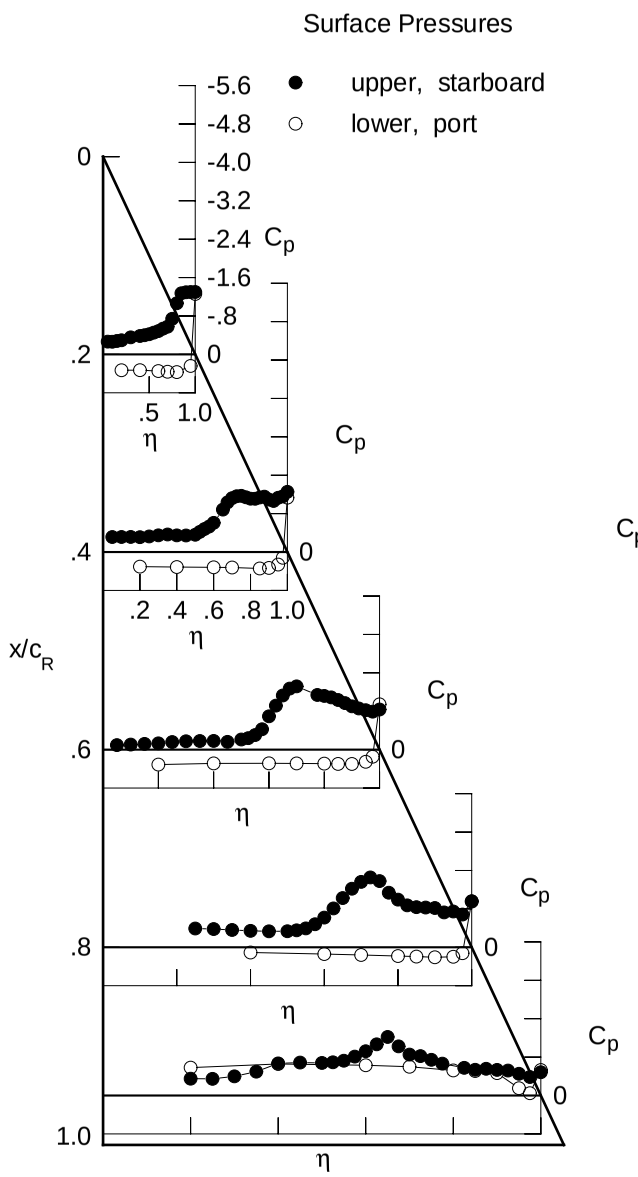
R_{mac} = 72.2×10^6



x/c_R	starb'd C_p	port C_p
0.10	-0.8676	*******
0.20	-1.2334	-1.2148
0.30	-1.3569	*******
0.40	-1.3489	-1.1641
0.50	-1.2283	*******
0.60	-0.8577	-1.0195
0.70	-0.8313	*******
0.80	-0.9967	-0.9923
0.90	*******	*******
0.95	-0.5389	-0.5111

Table E7. 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	-0.2656	-0.3125	-0.0944	*******	*******
0.100	-0.2630	-0.3137	-0.1060	*******	*******
0.150	-0.2791	-0.3145	-0.1199	*******	*******
0.200	-0.2944	-0.3097	-0.1313	*******	-0.3507
0.250	*******	-0.3249	-0.1581	-0.3913	-0.3476
0.300	-0.3553	-0.3478	-0.1746	-0.3799	-0.3991
0.350	*******	-0.3659	-0.1796	-0.3610	-0.4971
0.400	-0.3832	-0.3473	-0.1812	-0.3427	-0.6692
0.450	-0.3988	-0.3448	-0.1622	-0.3328	-0.6863
0.500	-0.4198	-0.3601	-0.2110	-0.3347	-0.6780
0.525	*******	-0.4198	-0.2391	-0.3538	-0.6916
0.550	-0.4528	-0.4796	-0.3038	-0.3939	-0.7251
0.575	*******	-0.5301	-0.4244	-0.4804	-0.8108
0.600	-0.4855	-0.6079	-0.6942	-0.6182	-0.9222
0.625	*******	*******	-0.9168	-0.8096	-1.0660
0.650	-0.5363	-0.8841	-1.1278	-1.0258	-1.2204
0.675	*******	-1.0343	-1.2723	-1.2204	-1.0242
0.700	-0.5771	-1.1222	-1.3181	-1.3625	-0.8529
0.725	*******	-1.1622	*******	-1.4551	-0.8210
0.750	-0.7414	-1.1715	*******	-1.3793	-0.7437
0.775	*******	-1.1412	-1.1388	-1.1365	-0.6642
0.800	-1.0655	-1.1111	-1.1191	-0.9930	*******
0.825	*******	-1.1099	-1.0886	-0.8737	-0.5765
0.850	-1.2733	-1.1366	-1.0341	-0.8361	-0.5356
0.875	*******	-1.1539	-0.9693	-0.8276	-0.5566
0.900	-1.2944	-1.0936	-0.9024	-0.8182	-0.5340
0.925	*******	-1.0638	-0.8573	-0.7262	-0.5203
0.950	-1.2992	-1.1301	-0.8218	-0.7455	-0.4530
0.975	*******	-1.1588	-0.7911	-0.6825	-0.3855
1.000	-1.2999	-1.2545	-0.8360	-0.9601	-0.4848
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3301	0.3040	0.3115	*******	-0.5812
-0.400	0.3286	0.3127	0.2868	0.1084	-0.6570
-0.600	0.3476	0.3188	0.2846	0.1409	-0.6301
-0.700	0.3614	0.3224	0.2875	0.1602	-0.5996
-0.800	0.3690	*******	0.2915	0.1825	-0.5222
-0.850	*******	0.3427	0.2979	0.1932	-0.5106
-0.900	*******	0.3312	0.2981	0.2082	-0.4661
-0.950	0.2410	0.2606	0.2524	0.1978	-0.1517
-0.975	*******	0.1191	0.1470	0.1230	-0.0482
-1.000	-1.2580	-1.1327	-0.9438	-0.9526	-0.5311



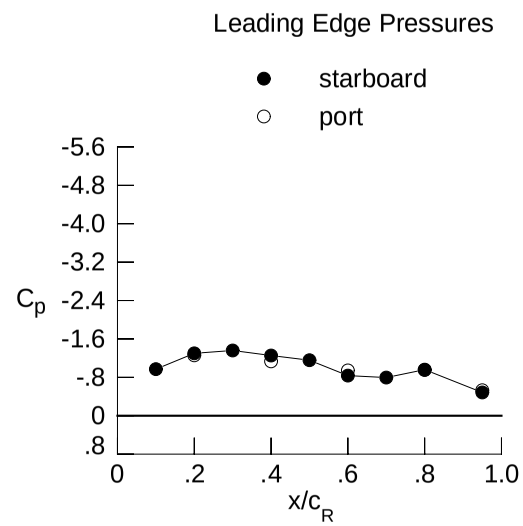
Medium Radius L.E.

Run No. = 19 , Point No. = 383

C_N = 0.703, C_m = -0.1178

α = 14.5 °, M_∞ = 0.849

R_{mac} = 72.1×10^6

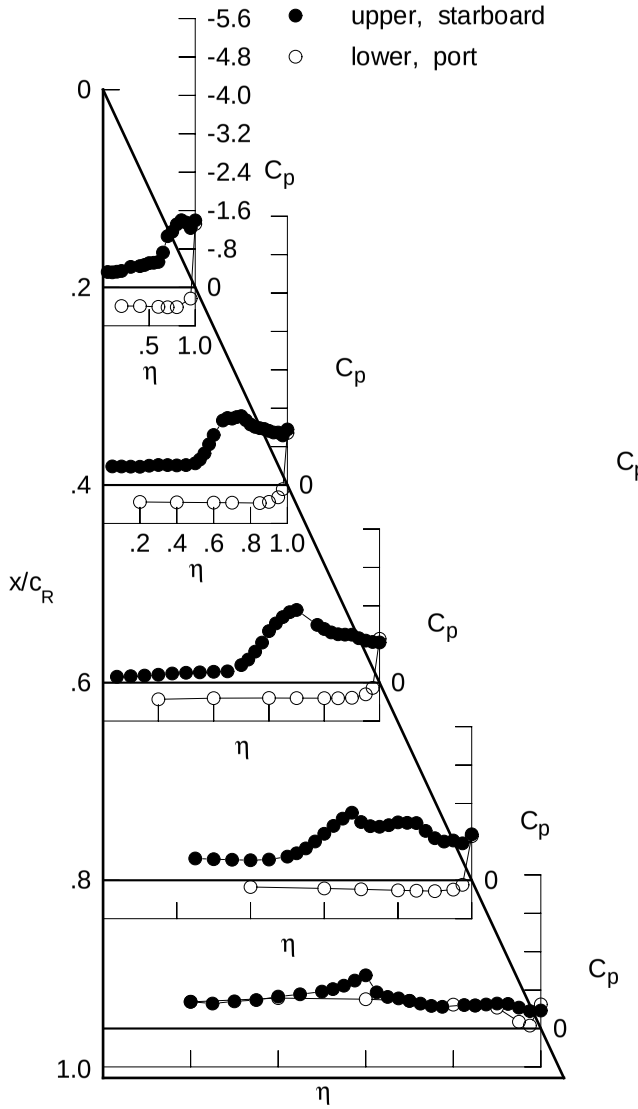


x/c_R	starb'd C_p	port C_p
0.10	-0.9700	*******
0.20	-1.2999	-1.2580
0.30	-1.3595	*******
0.40	-1.2545	-1.1327
0.50	-1.1565	*******
0.60	-0.8360	-0.9438
0.70	-0.7952	*******
0.80	-0.9601	-0.9526
0.90	*******	*******
0.95	-0.4848	-0.5311

Table E7. 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	-0.3207	-0.3880	-0.1235	*******	*******
0.100	-0.3137	-0.3868	-0.1347	*******	*******
0.150	-0.3262	-0.3835	-0.1471	*******	*******
0.200	-0.3421	-0.3809	-0.1644	*******	-0.5583
0.250	*******	-0.4026	-0.1903	-0.4544	-0.5200
0.300	-0.4273	-0.4179	-0.2059	-0.4389	-0.5659
0.350	*******	-0.4160	-0.2147	-0.4280	-0.5929
0.400	-0.4428	-0.4085	-0.2266	-0.4177	-0.6650
0.450	-0.4673	-0.4161	-0.2351	-0.4317	-0.7129
0.500	-0.5055	-0.4516	-0.3655	-0.4925	-0.7686
0.525	*******	-0.5311	-0.4806	-0.5621	-0.8205
0.550	-0.5125	-0.6590	-0.6454	-0.6640	-0.8919
0.575	*******	-0.8485	-0.8344	-0.8077	-0.9982
0.600	-0.5301	-1.0424	-1.0737	-0.9686	-1.1080
0.625	*******	*******	-1.2336	-1.1324	-0.7534
0.650	-0.7267	-1.3437	-1.3653	-1.2838	-0.6577
0.675	*******	-1.3966	-1.4681	-1.4079	-0.6270
0.700	-1.0668	-1.3828	-1.5146	-1.2138	-0.5756
0.725	*******	-1.4162	*******	-1.1275	-0.5186
0.750	-1.1596	-1.4358	*******	-1.1150	-0.4703
0.775	*******	-1.3515	-1.2026	-1.1483	-0.4521
0.800	-1.3139	-1.2619	-1.1172	-1.2067	*******
0.825	*******	-1.2120	-1.0468	-1.1968	-0.4889
0.850	-1.3989	-1.1848	-1.0077	-1.1916	-0.4757
0.875	*******	-1.1673	-1.0001	-1.0292	-0.5003
0.900	-1.3523	-1.1290	-0.9995	-0.8768	-0.5198
0.925	*******	-1.0945	-0.9259	-0.8064	-0.5117
0.950	-1.2369	-1.0936	-0.8755	-0.8287	-0.4349
0.975	*******	-1.0333	-0.8469	-0.7696	-0.3633
1.000	-1.3961	-1.1574	-0.8367	-0.9580	-0.3744
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3886	0.3528	0.3471	*******	-0.5549
-0.400	0.3889	0.3604	0.3235	0.1397	-0.6336
-0.600	0.4057	0.3663	0.3203	0.1700	-0.6100
-0.700	0.4146	0.3677	0.3226	0.1883	-0.5769
-0.800	0.4119	*******	0.3235	0.2092	-0.4979
-0.850	*******	0.3756	0.3252	0.2176	-0.4825
-0.900	*******	0.3509	0.3148	0.2264	-0.4345
-0.950	0.2326	0.2548	0.2429	0.1946	-0.1403
-0.975	*******	0.0858	0.1099	0.0943	-0.0605
-1.000	-1.3201	-1.0838	-0.9130	-0.9187	-0.5016

Surface Pressures



Medium Radius L.E.

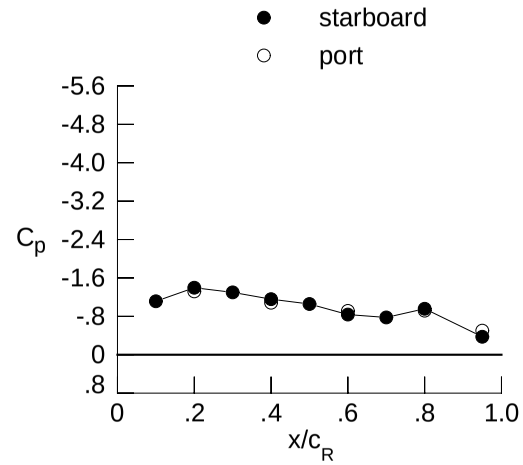
Run No. = 19 , Point No. = 384

C_N = 0.811, C_m = -0.1275

α = 16.6 °, M_∞ = 0.852

R_{mac} = 72.3×10^6

Leading Edge Pressures

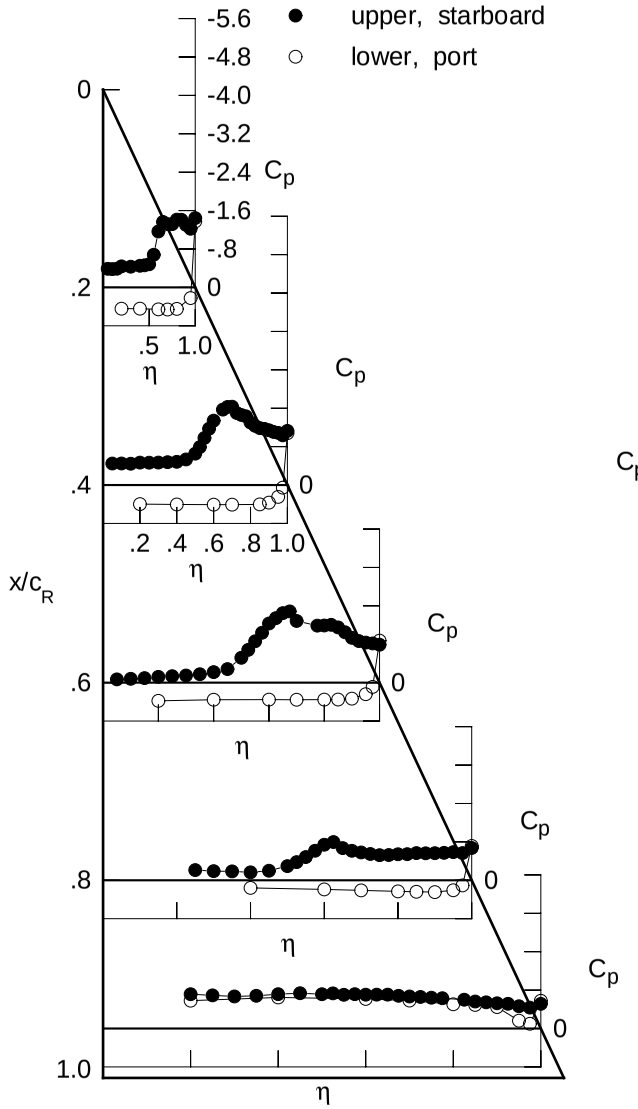


x/c_R	starb'd C_p	port C_p
0.10	-1.1136	*******
0.20	-1.3961	-1.3201
0.30	-1.2992	*******
0.40	-1.1574	-1.0838
0.50	-1.0567	*******
0.60	-0.8367	-0.9130
0.70	-0.7765	*******
0.80	-0.9580	-0.9187
0.90	*******	*******
0.95	-0.3744	-0.5016

Table E7. 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	-0.3875	-0.4482	-0.0681	*******	*******
0.100	-0.3808	-0.4488	-0.0800	*******	*******
0.150	-0.3889	-0.4438	-0.0942	*******	*******
0.200	-0.4384	-0.4669	-0.1211	*******	-0.7146
0.250	*******	-0.4652	-0.1347	-0.2128	-0.6903
0.300	-0.4312	-0.4679	-0.1489	-0.1902	-0.6681
0.350	*******	-0.4757	-0.1756	-0.1860	-0.6814
0.400	-0.4501	-0.4842	-0.2193	-0.1653	-0.7153
0.450	-0.4600	-0.5326	-0.2826	-0.1995	-0.7356
0.500	-0.4818	-0.6532	-0.5174	-0.2956	-0.7143
0.525	*******	-0.7908	-0.6821	-0.3787	-0.7320
0.550	-0.6800	-0.9805	-0.8617	-0.4844	-0.7021
0.575	*******	-1.1725	-1.0391	-0.6149	-0.7149
0.600	-1.1647	-1.3415	-1.2321	-0.7409	-0.7050
0.625	*******	*******	-1.3430	-0.7971	-0.7058
0.650	-1.3635	-1.5709	-1.4481	-0.6700	-0.7052
0.675	*******	-1.6260	-1.4837	-0.6145	-0.6820
0.700	-1.3187	-1.6316	-1.2844	-0.5802	-0.6671
0.725	*******	-1.5006	*******	-0.5478	-0.6578
0.750	-1.3175	-1.4598	*******	-0.5229	-0.6419
0.775	*******	-1.4322	-1.1871	-0.5264	-0.6310
0.800	-1.4109	-1.3027	-1.1902	-0.5426	*******
0.825	*******	-1.2326	-1.2046	-0.5439	-0.5997
0.850	-1.4086	-1.1861	-1.1512	-0.5664	-0.5624
0.875	*******	-1.1708	-1.0493	-0.5623	-0.5455
0.900	-1.3013	-1.1414	-0.9335	-0.5649	-0.5259
0.925	*******	-1.1061	-0.8667	-0.5722	-0.5155
0.950	-1.2215	-1.0872	-0.8343	-0.5860	-0.4641
0.975	*******	-1.0353	-0.8165	-0.5676	-0.4348
1.000	-1.4431	-1.1283	-0.7907	-0.6729	-0.5133
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4438	0.3973	0.3791	*******	-0.5803
-0.400	0.4433	0.4046	0.3563	0.1588	-0.6470
-0.600	0.4573	0.4090	0.3538	0.1901	-0.6157
-0.700	0.4608	0.4086	0.3564	0.2103	-0.5824
-0.800	0.4482	*******	0.3537	0.2313	-0.5048
-0.850	*******	0.4033	0.3524	0.2389	-0.4915
-0.900	*******	0.3666	0.3333	0.2460	-0.4460
-0.950	0.2223	0.2475	0.2412	0.2083	-0.1634
-0.975	*******	0.0546	0.0885	0.1064	-0.0981
-1.000	-1.3736	-1.0798	-0.8748	-0.7154	-0.5779

Surface Pressures



Medium Radius L.E.

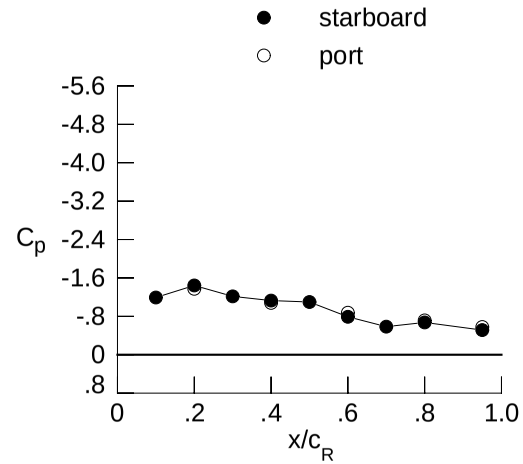
Run No. = 19 , Point No. = 385

C_N = 0.810, C_m = -0.1047

α = 18.6 °, M_∞ = 0.852

R_{mac} = 72.2×10^6

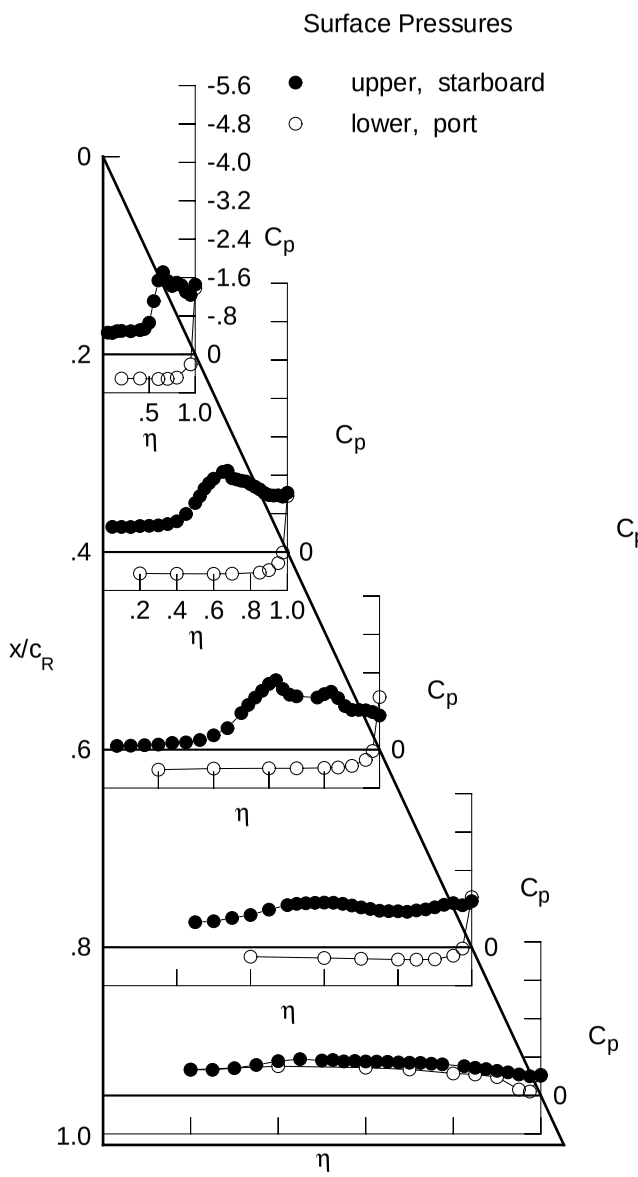
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-1.1923	*******
0.20	-1.4431	-1.3736
0.30	-1.2158	*******
0.40	-1.1283	-1.0798
0.50	-1.0986	*******
0.60	-0.7907	-0.8748
0.70	-0.5848	*******
0.80	-0.6729	-0.7154
0.90	*******	*******
0.95	-0.5133	-0.5779

Table E7. 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	-0.4532	-0.5238	-0.0775	*******	*******
0.100	-0.4462	-0.5220	-0.0827	*******	*******
0.150	-0.4834	-0.5210	-0.0927	*******	*******
0.200	-0.4888	-0.5412	-0.1053	*******	-0.5390
0.250	*******	-0.5465	-0.1398	-0.5224	-0.5352
0.300	-0.4823	-0.5550	-0.1515	-0.5421	-0.5696
0.350	*******	-0.5825	-0.2011	-0.6103	-0.6360
0.400	-0.5045	-0.6401	-0.2983	-0.6723	-0.7160
0.450	-0.5307	-0.7930	-0.4471	-0.7838	-0.7576
0.500	-0.6600	-1.0210	-0.7609	-0.8786	-0.7295
0.525	*******	-1.1624	-0.9302	-0.9058	-0.7397
0.550	-1.1097	-1.3184	-1.0838	-0.9168	-0.7101
0.575	*******	-1.4337	-1.2258	-0.9253	-0.7192
0.600	-1.5397	-1.5278	-1.3700	-0.9312	-0.7088
0.625	*******	*******	-1.4470	-0.9279	-0.7067
0.650	-1.7139	-1.6693	-1.2630	-0.9054	-0.7028
0.675	*******	-1.6932	-1.1443	-0.8700	-0.6894
0.700	-1.5302	-1.5368	-1.1101	-0.8302	-0.6832
0.725	*******	-1.5118	*******	-0.7982	-0.6784
0.750	-1.4257	-1.4854	*******	-0.7613	-0.6621
0.775	*******	-1.4706	-1.0858	-0.7518	-0.6495
0.800	-1.4943	-1.4139	-1.1568	-0.7506	*******
0.825	*******	-1.3594	-1.2068	-0.7394	-0.6111
0.850	-1.4391	-1.3040	-1.0737	-0.7679	-0.5773
0.875	*******	-1.2315	-0.9081	-0.7890	-0.5503
0.900	-1.3024	-1.1870	-0.8267	-0.8324	-0.5137
0.925	*******	-1.1765	-0.8283	-0.8855	-0.4821
0.950	-1.2381	-1.1816	-0.8189	-0.9192	-0.4381
0.975	*******	-1.1537	-0.7829	-0.8757	-0.4011
1.000	-1.4546	-1.2356	-0.7110	-0.9589	-0.4108
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5031	0.4463	0.4175	*******	-0.5376
-0.400	0.5024	0.4528	0.3943	0.1958	-0.6101
-0.600	0.5124	0.4542	0.3884	0.2228	-0.5806
-0.700	0.5092	0.4512	0.3890	0.2390	-0.5428
-0.800	0.4839	*******	0.3804	0.2556	-0.4591
-0.850	*******	0.4289	0.3716	0.2575	-0.4391
-0.900	*******	0.3770	0.3383	0.2515	-0.3844
-0.950	0.2081	0.2308	0.2136	0.1757	-0.1240
-0.975	*******	0.0109	0.0291	0.0256	-0.0824
-1.000	-1.3756	-1.1691	-1.0955	-1.0442	-0.4315



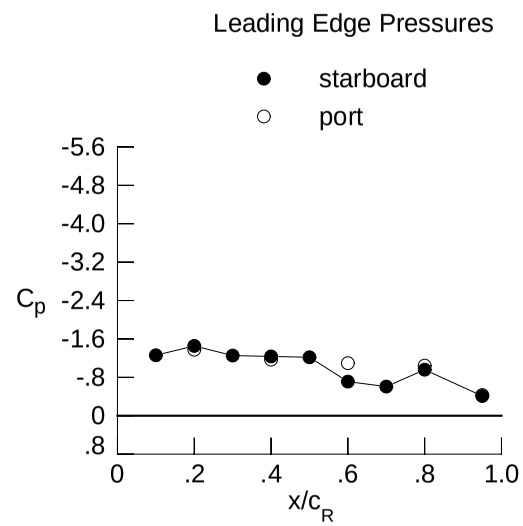
Medium Radius L.E.

Run No. = 19 , Point No. = 386

C_N = 0.977, C_m = -0.1501

α = 20.7 °, M_∞ = 0.849

R_{mac} = 72.1×10^6

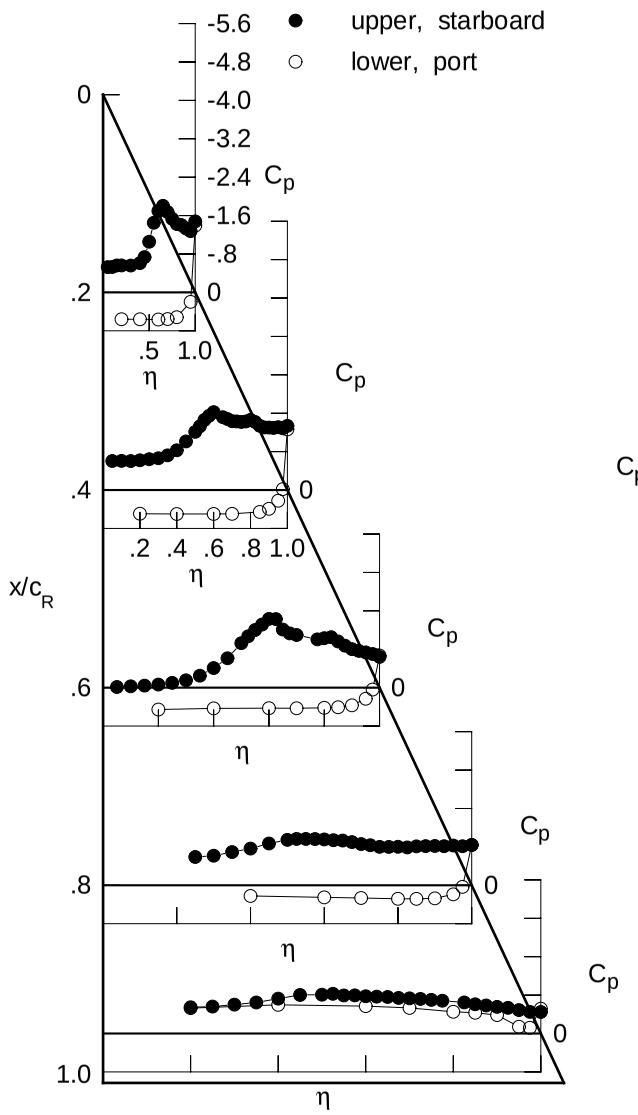


x/c_R	starb'd C_p	port C_p
0.10	-1.2594	*******
0.20	-1.4546	-1.3756
0.30	-1.2533	*******
0.40	-1.2356	-1.1691
0.50	-1.2177	*******
0.60	-0.7110	-1.0955
0.70	-0.6070	*******
0.80	-0.9589	-1.0442
0.90	*******	*******
0.95	-0.4108	-0.4315

Table E7. 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	-0.5266	-0.6046	-0.0137	*******	*******
0.100	-0.5295	-0.6071	-0.0274	*******	*******
0.150	-0.5615	-0.6037	-0.0422	*******	*******
0.200	-0.5618	-0.6200	-0.0637	*******	-0.5467
0.250	*******	-0.6422	-0.0991	-0.5896	-0.5614
0.300	-0.5593	-0.6623	-0.1529	-0.6157	-0.6016
0.350	*******	-0.7223	-0.2491	-0.6923	-0.6465
0.400	-0.6099	-0.8283	-0.4081	-0.7646	-0.7261
0.450	-0.7350	-1.0131	-0.6122	-0.8702	-0.8035
0.500	-1.0550	-1.2117	-0.9264	-0.9465	-0.8089
0.525	*******	-1.3261	-1.0706	-0.9653	-0.8273
0.550	-1.4500	-1.4597	-1.2009	-0.9660	-0.7924
0.575	*******	-1.5455	-1.3147	-0.9629	-0.7944
0.600	-1.6957	-1.6230	-1.4323	-0.9553	-0.7758
0.625	*******	*******	-1.4282	-0.9395	-0.7681
0.650	-1.8041	-1.5177	-1.2102	-0.9317	-0.7614
0.675	*******	-1.4791	-1.1308	-0.9002	-0.7419
0.700	-1.6725	-1.4353	-1.0969	-0.8588	-0.7332
0.725	*******	-1.4294	*******	-0.8345	-0.7209
0.750	-1.5326	-1.4176	*******	-0.8011	-0.7005
0.775	*******	-1.4289	-1.0059	-0.7991	-0.6834
0.800	-1.4238	-1.4620	-1.0305	-0.8025	*******
0.825	*******	-1.4174	-1.0516	-0.7888	-0.6469
0.850	-1.4026	-1.3384	-0.9624	-0.8111	-0.6089
0.875	*******	-1.3029	-0.8747	-0.8159	-0.5844
0.900	-1.3311	-1.3018	-0.8023	-0.8194	-0.5552
0.925	*******	-1.2934	-0.7653	-0.8147	-0.5351
0.950	-1.2749	-1.3099	-0.7346	-0.8277	-0.4878
0.975	*******	-1.2856	-0.7006	-0.8134	-0.4513
1.000	-1.4790	-1.3364	-0.6412	-0.8391	-0.4476
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5589	0.4935	0.4557	*******	-0.5288
-0.400	0.5596	0.4990	0.4324	0.2220	-0.5972
-0.600	0.5650	0.4985	0.4277	0.2516	-0.5707
-0.700	0.5552	0.4958	0.4293	0.2650	-0.5329
-0.800	0.5176	*******	0.4202	0.2812	-0.4528
-0.850	*******	0.4569	0.4087	0.2828	-0.4330
-0.900	*******	0.3911	0.3679	0.2724	-0.3836
-0.950	0.1967	0.2223	0.2315	0.1885	-0.1411
-0.975	*******	-0.0190	0.0398	0.0329	-0.1199
-1.000	-1.3905	-1.2635	-0.6698	-0.8420	-0.5174

Surface Pressures



Medium Radius L.E.

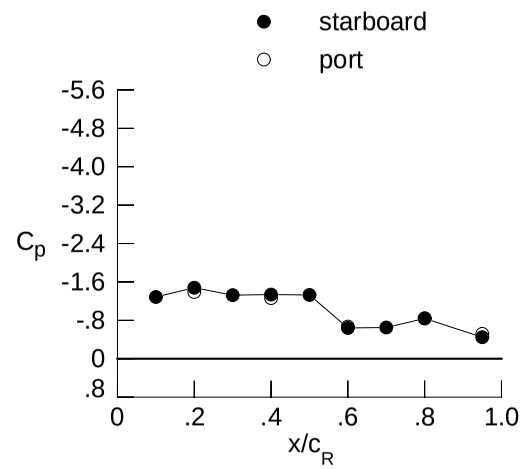
Run No. = 19 , Point No. = 387

C_N = 1.024, C_m = -0.1523

α = 22.7 °, M_∞ = 0.851

R_{mac} = 72.0×10^6

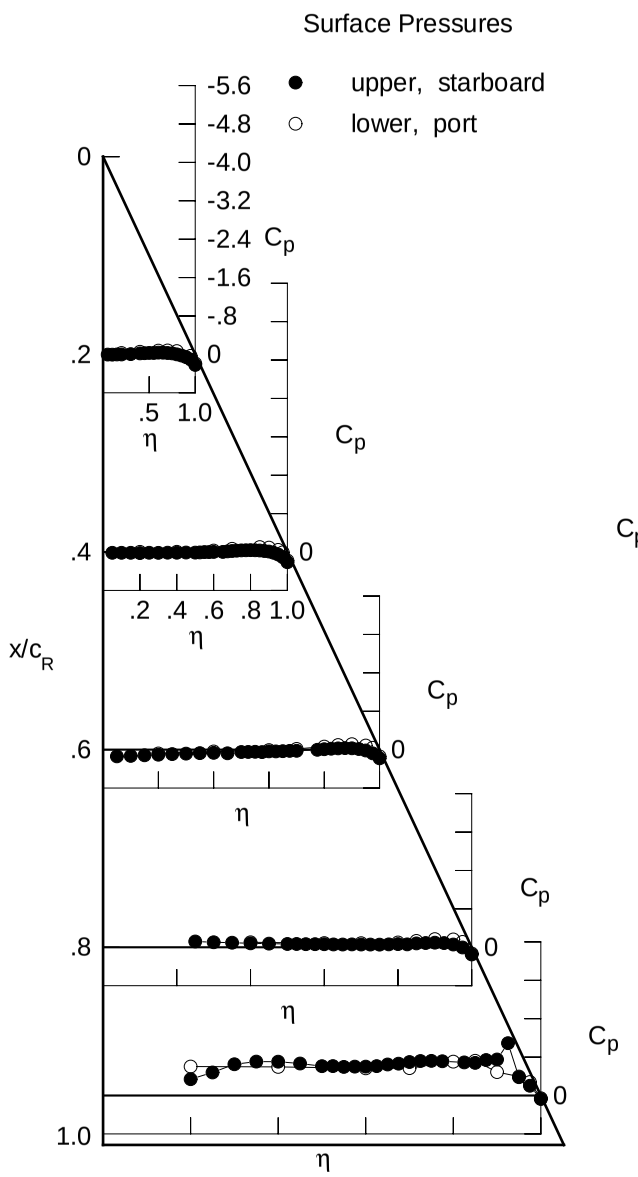
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2866	*******
0.20	-1.4790	-1.3905
0.30	-1.3245	*******
0.40	-1.3364	-1.2635
0.50	-1.3284	*******
0.60	-0.6412	-0.6698
0.70	-0.6503	*******
0.80	-0.8391	-0.8420
0.90	*******	*******
0.95	-0.4476	-0.5174

Table E8. 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	0.0036	0.0158	0.1397	*******	*******
0.100	0.0059	0.0159	0.1303	*******	*******
0.150	0.0015	0.0162	0.1176	*******	*******
0.200	0.0019	0.0214	0.1060	*******	-0.3398
0.250	*******	0.0152	0.0927	-0.1205	-0.4801
0.300	-0.0059	0.0168	0.0833	-0.1051	-0.6510
0.350	*******	0.0134	0.0726	-0.0954	-0.7062
0.400	-0.0205	0.0143	0.0663	-0.0824	-0.7046
0.450	-0.0251	0.0104	0.0757	-0.0759	-0.6660
0.500	-0.0303	0.0118	0.0492	-0.0691	-0.6109
0.525	*******	0.0077	0.0478	-0.0688	-0.6125
0.550	-0.0299	0.0010	0.0448	-0.0647	-0.5963
0.575	*******	0.0006	0.0508	-0.0646	-0.6012
0.600	-0.0370	-0.0021	0.0360	-0.0641	-0.6016
0.625	*******	*******	0.0368	-0.0590	-0.6123
0.650	-0.0353	-0.0027	0.0322	-0.0574	-0.6463
0.675	*******	-0.0138	0.0254	-0.0598	-0.6636
0.700	-0.0291	-0.0214	0.0239	-0.0576	-0.6975
0.725	*******	-0.0279	*******	-0.0565	-0.7184
0.750	-0.0208	-0.0341	*******	-0.0554	-0.7216
0.775	*******	-0.0369	0.0033	-0.0612	-0.7135
0.800	-0.0007	-0.0395	-0.0085	-0.0663	*******
0.825	*******	-0.0369	-0.0192	-0.0609	-0.6899
0.850	0.0233	-0.0316	-0.0261	-0.0810	-0.6797
0.875	*******	-0.0216	-0.0316	-0.0891	-0.7392
0.900	0.0565	-0.0104	-0.0277	-0.0960	-0.7507
0.925	*******	0.0149	-0.0132	-0.0883	-1.0904
0.950	0.1064	0.0513	0.0173	-0.0578	-0.3812
0.975	*******	0.1080	0.0768	0.0040	-0.2035
1.000	0.2190	0.2123	0.1809	0.1499	0.0728
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0287	-0.0036	0.0796	*******	-0.6035
-0.400	-0.0547	-0.0050	0.0386	-0.1043	-0.5961
-0.600	-0.0786	-0.0306	0.0099	-0.0871	-0.5667
-0.700	-0.0816	-0.0673	-0.0148	-0.0859	-0.5706
-0.800	-0.0692	*******	-0.0632	-0.0999	-0.7053
-0.850	*******	-0.1029	-0.0957	-0.1327	-0.7231
-0.900	*******	-0.0922	-0.1140	-0.1702	-0.4882
-0.950	0.0302	-0.0446	-0.0857	-0.1632	-0.3951
-0.975	*******	0.0063	-0.0383	-0.1120	-0.2806
-1.000	0.1888	0.1771	0.1397	0.1298	0.0568



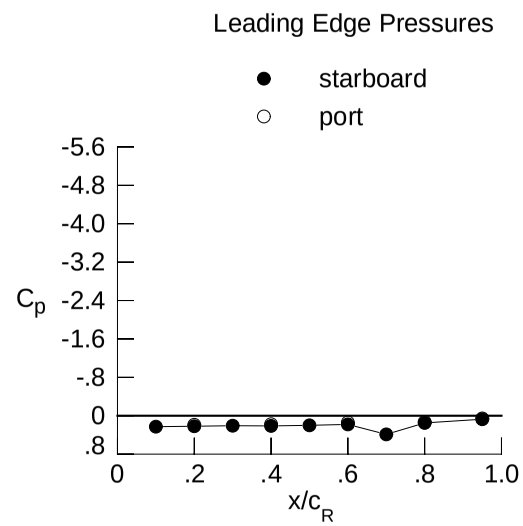
Medium Radius L.E.

Run No. = 20 , Point No. = 388

C_N = -0.031, C_m = 0.0042

α = -0.7 °, M_∞ = 0.851

$R_{mac} = 83.7 \times 10^6$

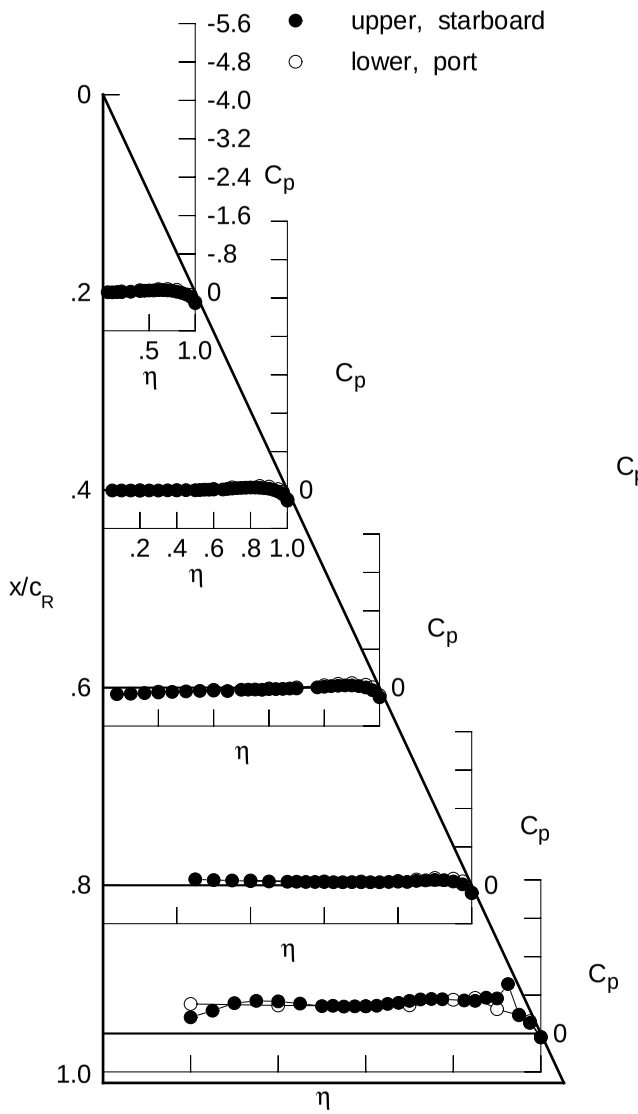


x/c_R	starb'd C_p	port C_p
0.10	0.2282	*******
0.20	0.2190	0.1888
0.30	0.2079	*******
0.40	0.2123	0.1771
0.50	0.1997	*******
0.60	0.1809	0.1397
0.70	0.3886	*******
0.80	0.1499	0.1298
0.90	*******	*******
0.95	0.0728	0.0568

Table E8. 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	-0.0034	0.0096	0.1359	*******	*******
0.100	-0.0010	0.0098	0.1266	*******	*******
0.150	-0.0062	0.0096	0.1139	*******	*******
0.200	-0.0054	0.0144	0.1012	*******	-0.3372
0.250	*******	0.0085	0.0884	-0.1248	-0.4755
0.300	-0.0134	0.0102	0.0786	-0.1086	-0.6327
0.350	*******	0.0065	0.0677	-0.0996	-0.6799
0.400	-0.0287	0.0074	0.0616	-0.0862	-0.6693
0.450	-0.0344	0.0028	0.0706	-0.0804	-0.6234
0.500	-0.0398	0.0042	0.0443	-0.0742	-0.5702
0.525	*******	0.0002	0.0418	-0.0742	-0.5774
0.550	-0.0398	-0.0073	0.0394	-0.0693	-0.5606
0.575	*******	-0.0075	0.0444	-0.0695	-0.5662
0.600	-0.0476	-0.0111	0.0298	-0.0690	-0.5660
0.625	*******	*******	0.0301	-0.0641	-0.5788
0.650	-0.0469	-0.0113	0.0257	-0.0632	-0.6164
0.675	*******	-0.0234	0.0183	-0.0657	-0.6385
0.700	-0.0415	-0.0310	0.0159	-0.0641	-0.6801
0.725	*******	-0.0393	*******	-0.0635	-0.7099
0.750	-0.0342	-0.0457	*******	-0.0631	-0.7190
0.775	*******	-0.0492	-0.0060	-0.0695	-0.7136
0.800	-0.0146	-0.0530	-0.0196	-0.0755	*******
0.825	*******	-0.0517	-0.0309	-0.0701	-0.6890
0.850	0.0084	-0.0478	-0.0400	-0.0922	-0.6806
0.875	*******	-0.0384	-0.0467	-0.1021	-0.7467
0.900	0.0411	-0.0283	-0.0453	-0.1125	-0.7303
0.925	*******	-0.0041	-0.0323	-0.1065	-1.0299
0.950	0.0906	0.0318	-0.0037	-0.0789	-0.3920
0.975	*******	0.0882	0.0546	-0.0199	-0.2211
1.000	0.2241	0.2211	0.2006	0.1648	0.0830
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0211	0.0033	0.0851	*******	-0.6160
-0.400	-0.0458	0.0021	0.0452	-0.1006	-0.5849
-0.600	-0.0676	-0.0216	0.0165	-0.0804	-0.5702
-0.700	-0.0690	-0.0561	-0.0051	-0.0794	-0.5875
-0.800	-0.0541	*******	-0.0506	-0.0902	-0.7032
-0.850	*******	-0.0849	-0.0797	-0.1197	-0.7413
-0.900	*******	-0.0713	-0.0934	-0.1522	-0.5070
-0.950	0.0499	-0.0202	-0.0593	-0.1376	-0.3799
-0.975	*******	0.0334	-0.0080	-0.0815	-0.2579
-1.000	0.1963	0.1901	0.1580	0.1523	0.0710

Surface Pressures



Medium Radius L.E.

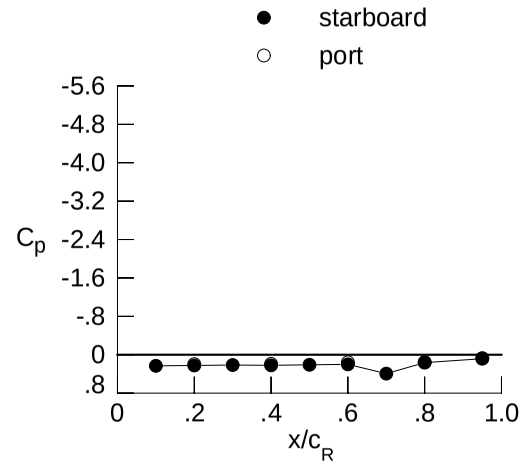
Run No. = 20 , Point No. = 389

C_N = -0.016, C_m = 0.0015

α = -0.4 °, M_∞ = 0.852

R_{mac} = 83.7×10^6

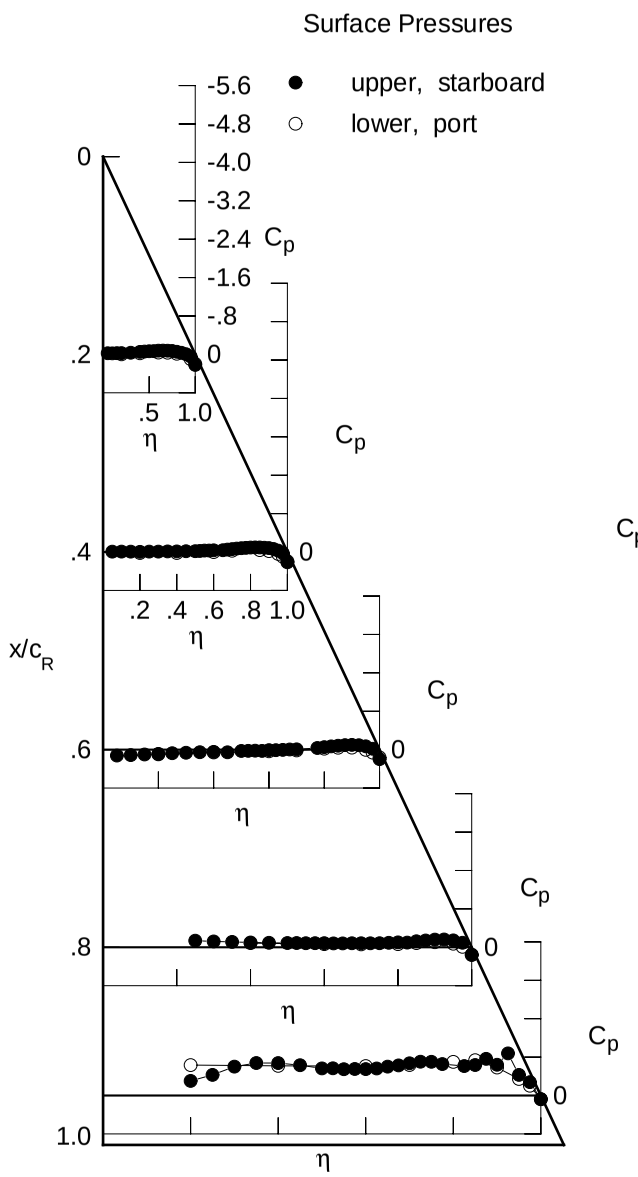
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2312	*******
0.20	0.2241	0.1963
0.30	0.2142	*******
0.40	0.2211	0.1901
0.50	0.2096	*******
0.60	0.2006	0.1580
0.70	0.3938	*******
0.80	0.1648	0.1523
0.90	*******	*******
0.95	0.0830	0.0710

Table E8. 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	-0.0241	-0.0081	0.1231	*******	*******
0.100	-0.0212	-0.0084	0.1134	*******	*******
0.150	-0.0257	-0.0080	0.1010	*******	*******
0.200	-0.0263	-0.0039	0.0885	*******	-0.3038
0.250	*******	-0.0090	0.0746	-0.1376	-0.4300
0.300	-0.0348	-0.0091	0.0650	-0.1215	-0.6013
0.350	*******	-0.0126	0.0537	-0.1124	-0.6772
0.400	-0.0523	-0.0127	0.0466	-0.0999	-0.6762
0.450	-0.0589	-0.0171	0.0551	-0.0938	-0.6311
0.500	-0.0657	-0.0173	0.0269	-0.0886	-0.5650
0.525	*******	-0.0222	0.0251	-0.0884	-0.5673
0.550	-0.0677	-0.0301	0.0213	-0.0847	-0.5480
0.575	*******	-0.0314	0.0266	-0.0853	-0.5526
0.600	-0.0779	-0.0358	0.0107	-0.0856	-0.5505
0.625	*******	*******	0.0111	-0.0812	-0.5628
0.650	-0.0792	-0.0377	0.0051	-0.0809	-0.6017
0.675	*******	-0.0514	-0.0031	-0.0841	-0.6270
0.700	-0.0768	-0.0611	-0.0068	-0.0837	-0.6715
0.725	*******	-0.0716	*******	-0.0834	-0.7040
0.750	-0.0713	-0.0799	*******	-0.0850	-0.7021
0.775	*******	-0.0868	-0.0346	-0.0938	-0.6554
0.800	-0.0546	-0.0938	-0.0518	-0.1021	*******
0.825	*******	-0.0958	-0.0676	-0.0979	-0.6134
0.850	-0.0339	-0.0954	-0.0817	-0.1260	-0.6349
0.875	*******	-0.0893	-0.0940	-0.1419	-0.7638
0.900	-0.0041	-0.0824	-0.0988	-0.1601	-0.6406
0.925	*******	-0.0630	-0.0923	-0.1621	-0.8773
0.950	0.0432	-0.0296	-0.0700	-0.1443	-0.4293
0.975	*******	0.0215	-0.0184	-0.0947	-0.2782
1.000	0.2191	0.2132	0.1972	0.1535	0.0755
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0015	0.0199	0.0975	*******	-0.6340
-0.400	-0.0233	0.0197	0.0586	-0.0873	-0.6180
-0.600	-0.0383	0.0010	0.0344	-0.0654	-0.6136
-0.700	-0.0349	-0.0270	0.0161	-0.0608	-0.6352
-0.800	-0.0139	*******	-0.0197	-0.0658	-0.7006
-0.850	*******	-0.0398	-0.0400	-0.0875	-0.7358
-0.900	*******	-0.0189	-0.0425	-0.1060	-0.5828
-0.950	0.0972	0.0389	0.0038	-0.0742	-0.3449
-0.975	*******	0.0969	0.0620	-0.0095	-0.2037
-1.000	0.1973	0.1925	0.1617	0.1604	0.0773



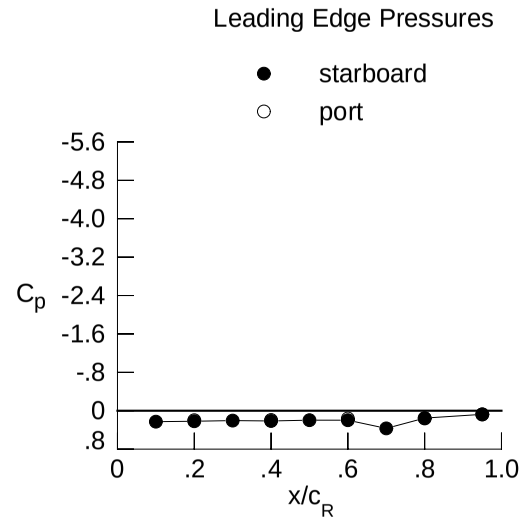
Medium Radius L.E.

Run No. = 20 , Point No. = 390

C_N = 0.025, C_m = -0.0048

α = 0.7 °, M_∞ = 0.851

R_{mac} = 84.1×10^6

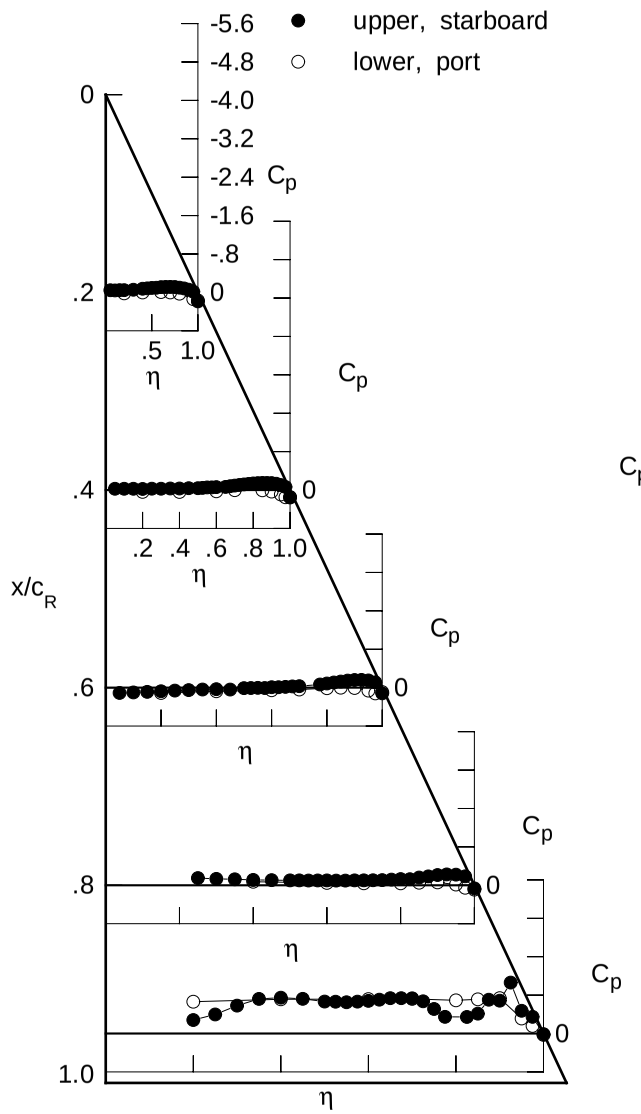


x/c_R	starb'd C_p	port C_p
0.10	0.2281	*******
0.20	0.2191	0.1973
0.30	0.2055	*******
0.40	0.2132	0.1925
0.50	0.1967	*******
0.60	0.1972	0.1617
0.70	0.3680	*******
0.80	0.1535	0.1604
0.90	*******	*******
0.95	0.0755	0.0773

Table E8. 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	-0.0446	-0.0261	0.1104	*******	*******
0.100	-0.0412	-0.0264	0.1004	*******	*******
0.150	-0.0462	-0.0261	0.0880	*******	*******
0.200	-0.0468	-0.0223	0.0748	*******	-0.2809
0.250	*******	-0.0279	0.0618	-0.1502	-0.3971
0.300	-0.0550	-0.0274	0.0515	-0.1339	-0.5808
0.350	*******	-0.0320	0.0388	-0.1251	-0.7205
0.400	-0.0759	-0.0323	0.0317	-0.1123	-0.7466
0.450	-0.0842	-0.0387	0.0397	-0.1068	-0.7227
0.500	-0.0929	-0.0388	0.0106	-0.1023	-0.6656
0.525	*******	-0.0449	0.0077	-0.1023	-0.6621
0.550	-0.0972	-0.0541	0.0038	-0.0995	-0.6510
0.575	*******	-0.0555	0.0083	-0.1005	-0.6637
0.600	-0.1094	-0.0611	-0.0084	-0.1016	-0.6800
0.625	*******	*******	-0.0090	-0.0978	-0.7048
0.650	-0.1138	-0.0645	-0.0161	-0.0976	-0.7357
0.675	*******	-0.0802	-0.0256	-0.1025	-0.7361
0.700	-0.1142	-0.0924	-0.0301	-0.1029	-0.7337
0.725	*******	-0.1052	*******	-0.1049	-0.6711
0.750	-0.1116	-0.1168	*******	-0.1078	-0.5108
0.775	*******	-0.1269	-0.0656	-0.1187	-0.3476
0.800	-0.0986	-0.1376	-0.0866	-0.1297	*******
0.825	*******	-0.1437	-0.1076	-0.1276	-0.3448
0.850	-0.0820	-0.1477	-0.1275	-0.1619	-0.4137
0.875	*******	-0.1469	-0.1469	-0.1857	-0.7044
0.900	-0.0565	-0.1446	-0.1596	-0.2137	-0.6842
0.925	*******	-0.1316	-0.1613	-0.2265	-1.0604
0.950	-0.0148	-0.1040	-0.1501	-0.2217	-0.4739
0.975	*******	-0.0652	-0.1111	-0.1874	-0.3472
1.000	0.1870	0.1556	0.1184	0.0638	0.0124
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0200	0.0387	0.1114	*******	-0.6627
-0.400	0.0019	0.0404	0.0748	-0.0738	-0.7131
-0.600	-0.0068	0.0261	0.0541	-0.0493	-0.7168
-0.700	0.0010	0.0035	0.0396	-0.0413	-0.7217
-0.800	0.0265	*******	0.0123	-0.0407	-0.6915
-0.850	*******	0.0060	0.0006	-0.0539	-0.7122
-0.900	*******	0.0321	0.0072	-0.0608	-0.7368
-0.950	0.1409	0.0925	0.0614	-0.0154	-0.3128
-0.975	*******	0.1502	0.1201	0.0513	-0.1574
-1.000	0.1672	0.1445	0.0917	0.0902	0.0289

Surface Pressures



Medium Radius L.E.

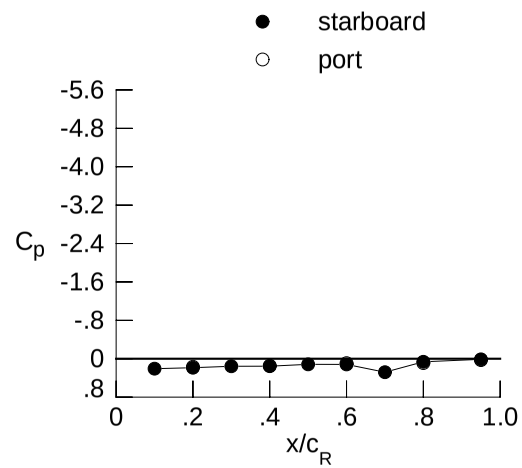
Run No. = 20 , Point No. = 391

C_N = 0.066, C_m = -0.0103

α = 1.8 °, M_∞ = 0.851

R_{mac} = 84.3×10^6

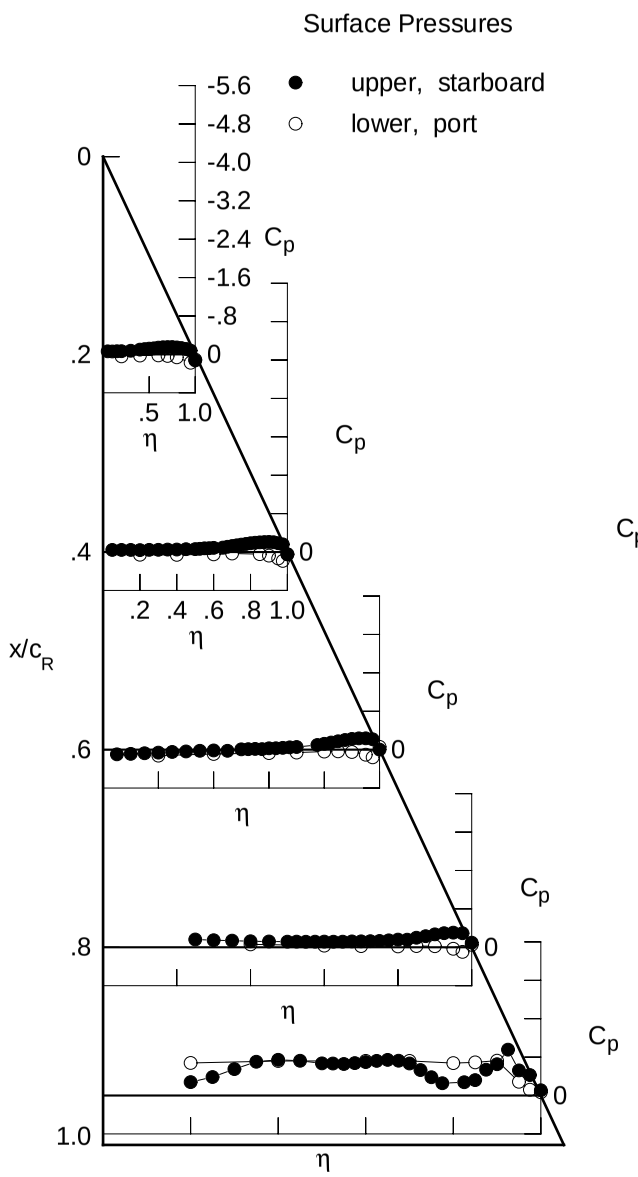
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2076	*******
0.20	0.1870	0.1672
0.30	0.1570	*******
0.40	0.1556	0.1445
0.50	0.1166	*******
0.60	0.1184	0.0917
0.70	0.2808	*******
0.80	0.0638	0.0902
0.90	*******	*******
0.95	0.0124	0.0289

Table E8. 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	-0.0639	-0.0440	0.0975	*******	*******
0.100	-0.0609	-0.0443	0.0880	*******	*******
0.150	-0.0656	-0.0441	0.0749	*******	*******
0.200	-0.0667	-0.0402	0.0622	*******	-0.2790
0.250	*******	-0.0459	0.0479	-0.1627	-0.3848
0.300	-0.0764	-0.0465	0.0374	-0.1471	-0.5504
0.350	*******	-0.0515	0.0244	-0.1382	-0.7033
0.400	-0.0995	-0.0522	0.0166	-0.1254	-0.7442
0.450	-0.1094	-0.0596	0.0240	-0.1207	-0.7238
0.500	-0.1198	-0.0610	-0.0063	-0.1167	-0.6696
0.525	*******	-0.0674	-0.0096	-0.1174	-0.6667
0.550	-0.1267	-0.0773	-0.0150	-0.1151	-0.6569
0.575	*******	-0.0799	-0.0108	-0.1167	-0.6750
0.600	-0.1408	-0.0868	-0.0282	-0.1182	-0.6969
0.625	*******	*******	-0.0292	-0.1159	-0.7214
0.650	-0.1489	-0.0925	-0.0373	-0.1167	-0.7423
0.675	*******	-0.1099	-0.0483	-0.1227	-0.7245
0.700	-0.1524	-0.1244	-0.0552	-0.1237	-0.6675
0.725	*******	-0.1399	*******	-0.1270	-0.5303
0.750	-0.1532	-0.1545	*******	-0.1320	-0.3810
0.775	*******	-0.1682	-0.0968	-0.1451	-0.2560
0.800	-0.1444	-0.1832	-0.1218	-0.1596	*******
0.825	*******	-0.1935	-0.1476	-0.1584	-0.2766
0.850	-0.1321	-0.2018	-0.1742	-0.1991	-0.3207
0.875	*******	-0.2071	-0.2011	-0.2308	-0.5374
0.900	-0.1126	-0.2103	-0.2232	-0.2695	-0.6516
0.925	*******	-0.2043	-0.2351	-0.2939	-0.9551
0.950	-0.0783	-0.1838	-0.2360	-0.3051	-0.5231
0.975	*******	-0.1599	-0.2159	-0.2929	-0.4267
1.000	0.1257	0.0488	-0.0005	-0.0956	-0.1095
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0412	0.0563	0.1248	*******	-0.6781
-0.400	0.0243	0.0587	0.0899	-0.0612	-0.7189
-0.600	0.0209	0.0480	0.0716	-0.0345	-0.7217
-0.700	0.0323	0.0303	0.0610	-0.0249	-0.7206
-0.800	0.0611	*******	0.0402	-0.0186	-0.6756
-0.850	*******	0.0442	0.0348	-0.0255	-0.6906
-0.900	*******	0.0747	0.0485	-0.0221	-0.7259
-0.950	0.1734	0.1337	0.1059	0.0315	-0.2862
-0.975	*******	0.1847	0.1600	0.0953	-0.1211
-1.000	0.1079	0.0452	-0.0581	-0.0516	-0.0680



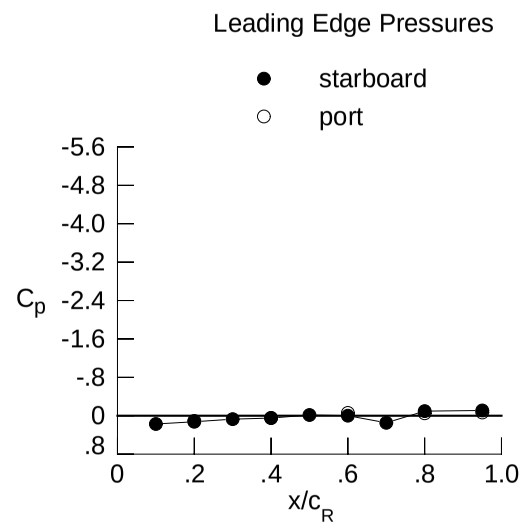
Medium Radius L.E.

Run No. = 20 , Point No. = 392

C_N = 0.108, C_m = -0.0171

α = 2.9 °, M_∞ = 0.851

$R_{mac} = 84.4 \times 10^6$

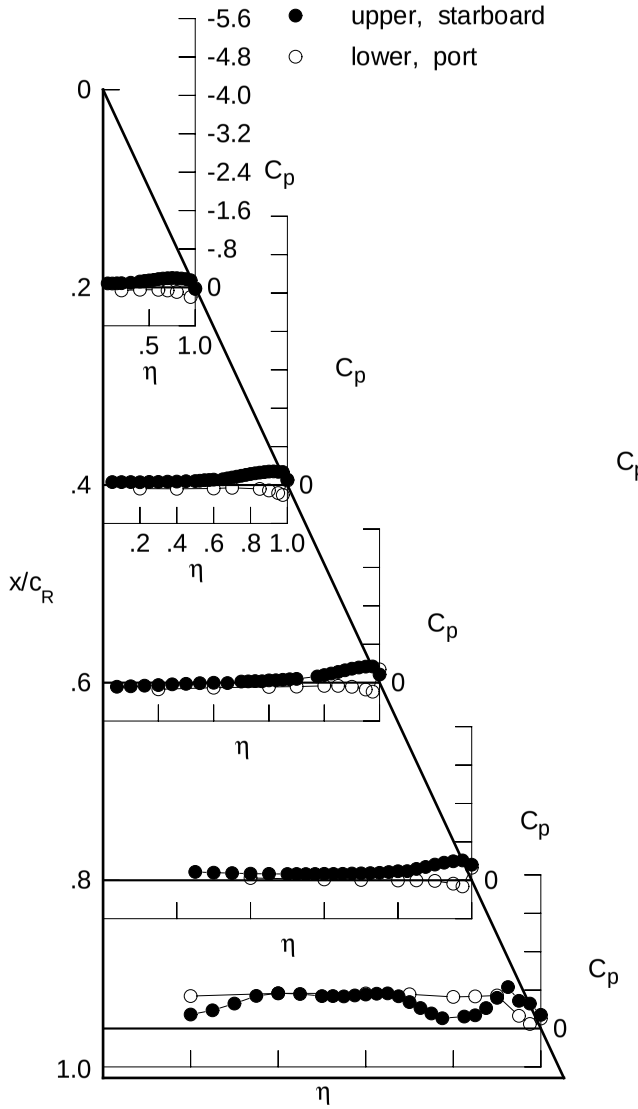


x/c_R	starb'd C_p	port C_p
0.10	0.1720	*******
0.20	0.1257	0.1079
0.30	0.0712	*******
0.40	0.0488	0.0452
0.50	-0.0156	*******
0.60	-0.0005	-0.0581
0.70	0.1469	*******
0.80	-0.0956	-0.0516
0.90	*******	*******
0.95	-0.1095	-0.0680

Table E8. 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	-0.0831	-0.0615	0.0855	*******	*******
0.100	-0.0807	-0.0612	0.0758	*******	*******
0.150	-0.0851	-0.0615	0.0633	*******	*******
0.200	-0.0869	-0.0587	0.0501	*******	-0.2914
0.250	*******	-0.0644	0.0354	-0.1744	-0.3789
0.300	-0.0968	-0.0647	0.0246	-0.1582	-0.5196
0.350	*******	-0.0704	0.0113	-0.1498	-0.6789
0.400	-0.1224	-0.0721	0.0020	-0.1378	-0.7340
0.450	-0.1339	-0.0797	0.0084	-0.1339	-0.7194
0.500	-0.1459	-0.0827	-0.0225	-0.1301	-0.6752
0.525	*******	-0.0898	-0.0267	-0.1314	-0.6757
0.550	-0.1560	-0.1011	-0.0321	-0.1294	-0.6691
0.575	*******	-0.1050	-0.0288	-0.1313	-0.6886
0.600	-0.1727	-0.1129	-0.0470	-0.1343	-0.7081
0.625	*******	*******	-0.0499	-0.1323	-0.7250
0.650	-0.1837	-0.1200	-0.0589	-0.1340	-0.7319
0.675	*******	-0.1395	-0.0703	-0.1411	-0.6718
0.700	-0.1910	-0.1557	-0.0781	-0.1438	-0.5505
0.725	*******	-0.1747	*******	-0.1485	-0.4260
0.750	-0.1962	-0.1931	*******	-0.1555	-0.3135
0.775	*******	-0.2109	-0.1284	-0.1708	-0.2137
0.800	-0.1920	-0.2296	-0.1577	-0.1887	*******
0.825	*******	-0.2451	-0.1895	-0.1904	-0.2491
0.850	-0.1852	-0.2586	-0.2221	-0.2371	-0.2753
0.875	*******	-0.2698	-0.2580	-0.2772	-0.4256
0.900	-0.1732	-0.2809	-0.2903	-0.3276	-0.6392
0.925	*******	-0.2842	-0.3149	-0.3662	-0.8628
0.950	-0.1499	-0.2753	-0.3332	-0.3963	-0.5770
0.975	*******	-0.2716	-0.3364	-0.4132	-0.5191
1.000	0.0325	-0.1143	-0.1689	-0.3245	-0.2848
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0634	0.0747	0.1386	*******	-0.6760
-0.400	0.0485	0.0785	0.1056	-0.0474	-0.7326
-0.600	0.0500	0.0720	0.0899	-0.0188	-0.7300
-0.700	0.0644	0.0577	0.0823	-0.0065	-0.7128
-0.800	0.0952	*******	0.0671	0.0042	-0.6581
-0.850	*******	0.0808	0.0673	0.0018	-0.6689
-0.900	*******	0.1130	0.0862	0.0130	-0.6879
-0.950	0.2010	0.1674	0.1434	0.0702	-0.2637
-0.975	*******	0.2068	0.1880	0.1268	-0.0943
-1.000	0.0154	-0.0941	-0.2756	-0.2615	-0.2091

Surface Pressures



Medium Radius L.E.

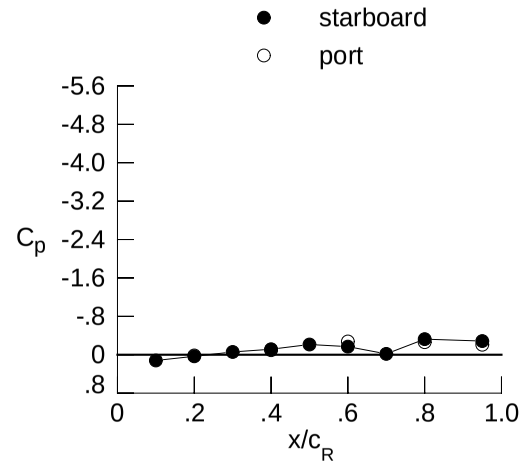
Run No. = 20 , Point No. = 393

C_N = 0.151, C_m = -0.0247

α = 3.9 °, M_∞ = 0.852

$R_{mac} = 84.6 \times 10^6$

Leading Edge Pressures

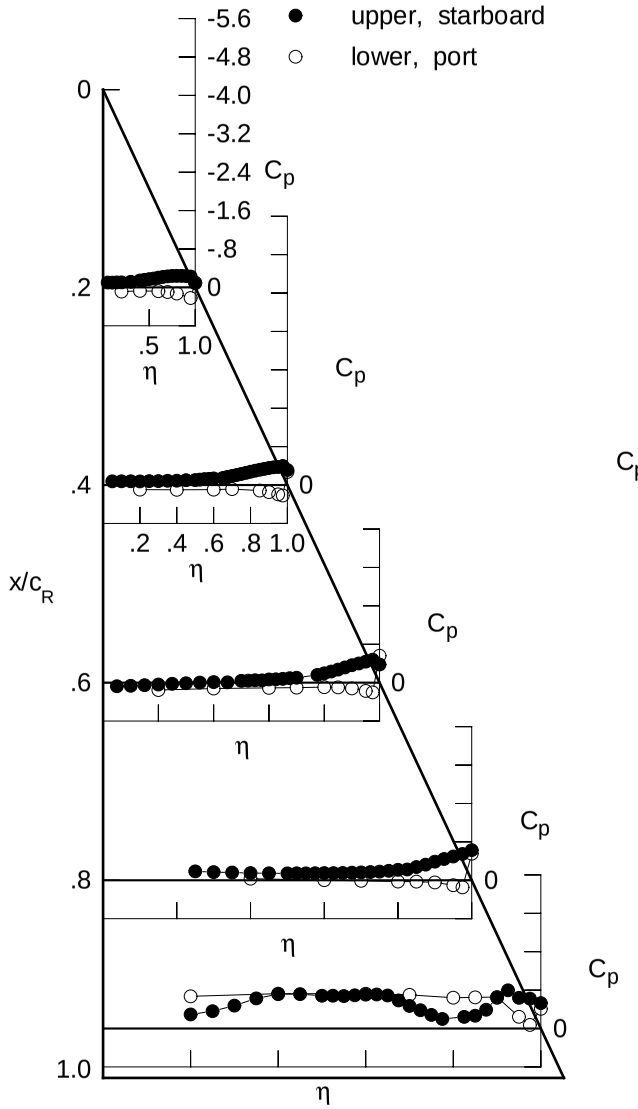


x/c_R	starb'd C_p	port C_p
0.10	0.1200	*******
0.20	0.0325	0.0154
0.30	-0.0578	*******
0.40	-0.1143	-0.0941
0.50	-0.2131	*******
0.60	-0.1689	-0.2756
0.70	-0.0178	*******
0.80	-0.3245	-0.2615
0.90	*******	*******
0.95	-0.2848	-0.2091

Table E8. 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	-0.1012	-0.0768	0.0751	*******	*******
0.100	-0.0990	-0.0774	0.0652	*******	*******
0.150	-0.1036	-0.0783	0.0526	*******	*******
0.200	-0.1052	-0.0751	0.0388	*******	-0.2926
0.250	*******	-0.0815	0.0242	-0.1856	-0.3605
0.300	-0.1167	-0.0824	0.0125	-0.1705	-0.4765
0.350	*******	-0.0892	-0.0019	-0.1614	-0.6274
0.400	-0.1443	-0.0906	-0.0115	-0.1502	-0.7152
0.450	-0.1576	-0.1006	-0.0060	-0.1461	-0.7163
0.500	-0.1717	-0.1036	-0.0379	-0.1438	-0.6824
0.525	*******	-0.1127	-0.0423	-0.1456	-0.6835
0.550	-0.1840	-0.1236	-0.0493	-0.1443	-0.6760
0.575	*******	-0.1290	-0.0470	-0.1470	-0.6918
0.600	-0.2034	-0.1376	-0.0660	-0.1502	-0.7057
0.625	*******	*******	-0.0694	-0.1491	-0.7085
0.650	-0.2185	-0.1476	-0.0796	-0.1522	-0.6877
0.675	*******	-0.1687	-0.0930	-0.1595	-0.5850
0.700	-0.2293	-0.1886	-0.1026	-0.1641	-0.4703
0.725	*******	-0.2097	*******	-0.1710	-0.3807
0.750	-0.2394	-0.2314	*******	-0.1796	-0.2835
0.775	*******	-0.2534	-0.1604	-0.1980	-0.1994
0.800	-0.2403	-0.2768	-0.1945	-0.2187	*******
0.825	*******	-0.2983	-0.2310	-0.2245	-0.2425
0.850	-0.2398	-0.3181	-0.2720	-0.2761	-0.2665
0.875	*******	-0.3368	-0.3171	-0.3253	-0.3909
0.900	-0.2360	-0.3553	-0.3633	-0.3884	-0.6399
0.925	*******	-0.3695	-0.3993	-0.4435	-0.7962
0.950	-0.2268	-0.3757	-0.4374	-0.4949	-0.6393
0.975	*******	-0.3967	-0.4779	-0.5479	-0.6222
1.000	-0.0874	-0.3138	-0.3778	-0.6280	-0.5289
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0862	0.0953	0.1541	*******	-0.6707
-0.400	0.0731	0.0994	0.1226	-0.0334	-0.7259
-0.600	0.0791	0.0958	0.1091	-0.0021	-0.7249
-0.700	0.0957	0.0847	0.1041	0.0114	-0.7008
-0.800	0.1277	*******	0.0940	0.0267	-0.6415
-0.850	*******	0.1152	0.0983	0.0281	-0.6486
-0.900	*******	0.1474	0.1201	0.0450	-0.6551
-0.950	0.2217	0.1948	0.1726	0.1028	-0.2439
-0.975	*******	0.2187	0.2034	0.1476	-0.0746
-1.000	-0.1008	-0.2730	-0.5610	-0.5535	-0.4100

Surface Pressures



Medium Radius L.E.

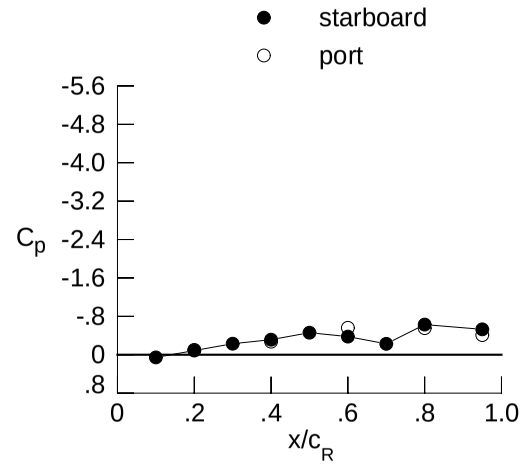
Run No. = 20 , Point No. = 394

C_N = 0.194, C_m = -0.0317

α = 5.0 °, M_∞ = 0.852

R_{mac} = 84.7×10^6

Leading Edge Pressures

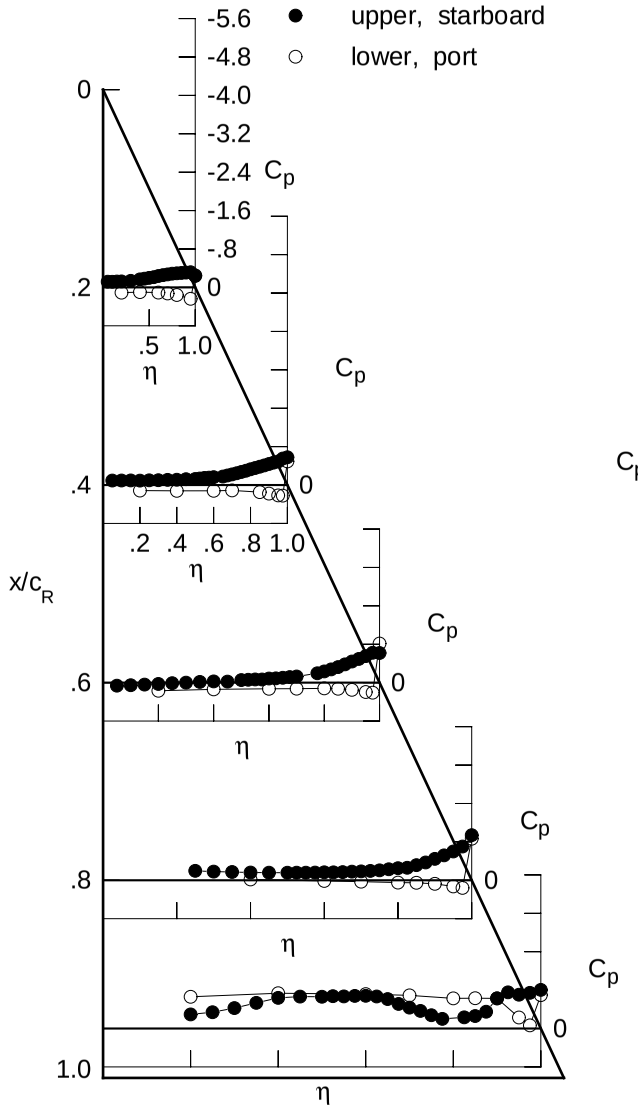


x/c_R	starb'd C_p	port C_p
0.10	0.0564	*******
0.20	-0.0874	-0.1008
0.30	-0.2294	*******
0.40	-0.3138	-0.2730
0.50	-0.4593	*******
0.60	-0.3778	-0.5610
0.70	-0.2272	*******
0.80	-0.6280	-0.5535
0.90	*******	*******
0.95	-0.5289	-0.4100

Table E8. 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	-0.1182	-0.0934	0.0635	*******	*******
0.100	-0.1170	-0.0943	0.0540	*******	*******
0.150	-0.1221	-0.0957	0.0411	*******	*******
0.200	-0.1248	-0.0917	0.0271	*******	-0.2940
0.250	*******	-0.0988	0.0113	-0.1966	-0.3395
0.300	-0.1367	-0.1005	0.0003	-0.1807	-0.4255
0.350	*******	-0.1083	-0.0150	-0.1729	-0.5340
0.400	-0.1670	-0.1102	-0.0259	-0.1617	-0.6382
0.450	-0.1819	-0.1218	-0.0216	-0.1587	-0.6649
0.500	-0.1984	-0.1260	-0.0533	-0.1576	-0.6616
0.525	*******	-0.1360	-0.0599	-0.1587	-0.6736
0.550	-0.2130	-0.1483	-0.0663	-0.1587	-0.6688
0.575	*******	-0.1542	-0.0653	-0.1610	-0.6791
0.600	-0.2365	-0.1641	-0.0858	-0.1662	-0.6818
0.625	*******	*******	-0.0900	-0.1658	-0.6670
0.650	-0.2553	-0.1764	-0.1016	-0.1702	-0.6139
0.675	*******	-0.1994	-0.1161	-0.1798	-0.5123
0.700	-0.2707	-0.2219	-0.1278	-0.1854	-0.4354
0.725	*******	-0.2459	*******	-0.1953	-0.3664
0.750	-0.2860	-0.2719	*******	-0.2074	-0.2770
0.775	*******	-0.2979	-0.1950	-0.2298	-0.2006
0.800	-0.2936	-0.3281	-0.2335	-0.2522	*******
0.825	*******	-0.3545	-0.2758	-0.2611	-0.2325
0.850	-0.3005	-0.3818	-0.3243	-0.3152	-0.2598
0.875	*******	-0.4089	-0.3812	-0.3714	-0.3496
0.900	-0.3076	-0.4387	-0.4401	-0.4461	-0.6279
0.925	*******	-0.4666	-0.4940	-0.5191	-0.7534
0.950	-0.3159	-0.4902	-0.5525	-0.6002	-0.7040
0.975	*******	-0.5519	-0.6228	-0.7030	-0.7430
1.000	-0.2388	-0.5786	-0.6174	-0.9403	-0.8048
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1095	0.1154	0.1692	*******	-0.6607
-0.400	0.0987	0.1208	0.1398	-0.0180	-0.7349
-0.600	0.1082	0.1201	0.1279	0.0138	-0.7164
-0.700	0.1266	0.1121	0.1258	0.0287	-0.6904
-0.800	0.1588	*******	0.1196	0.0478	-0.6280
-0.850	*******	0.1480	0.1271	0.0524	-0.6313
-0.900	*******	0.1782	0.1500	0.0736	-0.6275
-0.950	0.2374	0.2157	0.1954	0.1283	-0.2292
-0.975	*******	0.2206	0.2087	0.1586	-0.0654
-1.000	-0.2499	-0.4920	-0.8146	-0.8657	-0.6954

Surface Pressures



Medium Radius L.E.

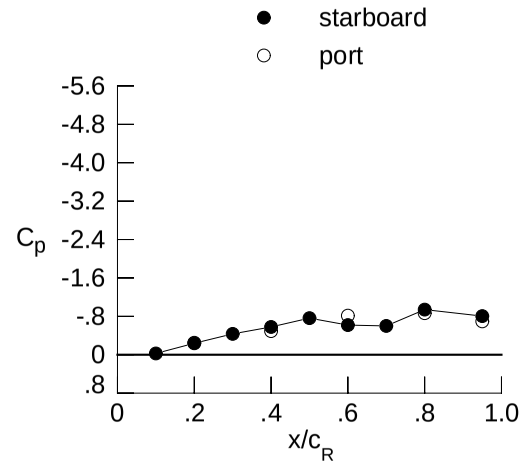
Run No. = 20 , Point No. = 395

C_N = 0.238, C_m = -0.0380

α = 6.1 °, M_∞ = 0.850

$R_{mac} = 84.7 \times 10^6$

Leading Edge Pressures

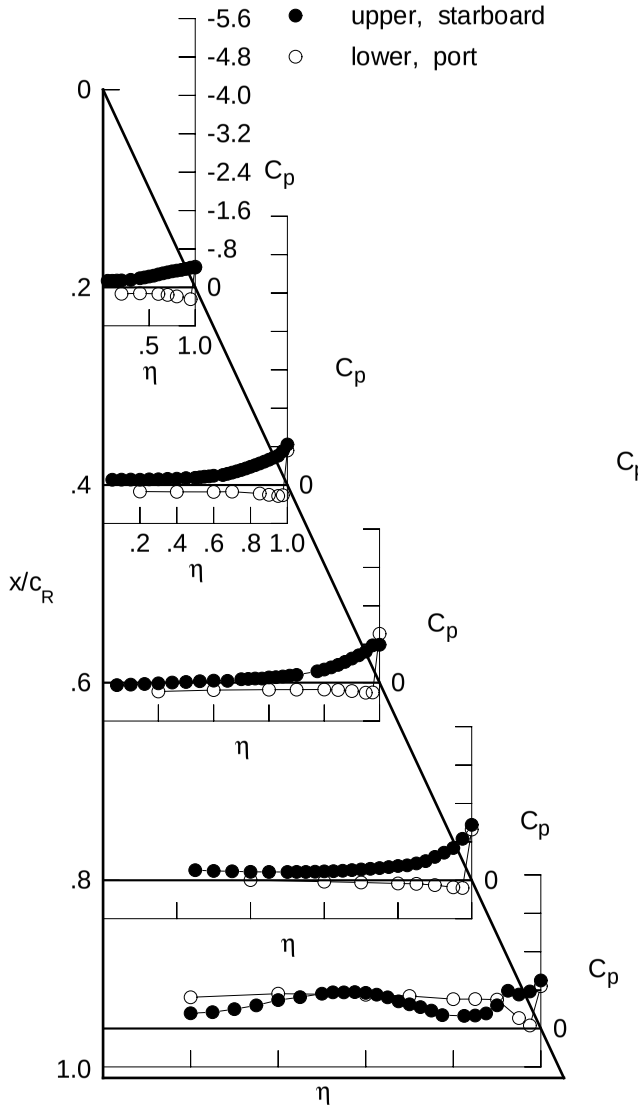


x/c_R	starb'd C_p	port C_p
0.10	-0.0268	*******
0.20	-0.2388	-0.2499
0.30	-0.4343	*******
0.40	-0.5786	-0.4920
0.50	-0.7627	*******
0.60	-0.6174	-0.8146
0.70	-0.6002	*******
0.80	-0.9403	-0.8657
0.90	*******	*******
0.95	-0.8048	-0.6954

Table E8. 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	-0.1374	-0.1105	0.0522	*******	*******
0.100	-0.1376	-0.1122	0.0414	*******	*******
0.150	-0.1421	-0.1134	0.0284	*******	*******
0.200	-0.1453	-0.1105	0.0145	*******	-0.3179
0.250	*******	-0.1181	-0.0019	-0.2103	-0.3402
0.300	-0.1577	-0.1199	-0.0138	-0.1945	-0.4030
0.350	*******	-0.1284	-0.0292	-0.1873	-0.4816
0.400	-0.1904	-0.1318	-0.0414	-0.1761	-0.5921
0.450	-0.2075	-0.1439	-0.0375	-0.1739	-0.6526
0.500	-0.2262	-0.1504	-0.0713	-0.1726	-0.7249
0.525	*******	-0.1608	-0.0778	-0.1741	-0.7539
0.550	-0.2438	-0.1738	-0.0854	-0.1736	-0.7526
0.575	*******	-0.1810	-0.0849	-0.1784	-0.7581
0.600	-0.2703	-0.1933	-0.1079	-0.1858	-0.7424
0.625	*******	*******	-0.1134	-0.1897	-0.7047
0.650	-0.2931	-0.2090	-0.1281	-0.1987	-0.6496
0.675	*******	-0.2335	-0.1454	-0.2121	-0.5657
0.700	-0.3136	-0.2581	-0.1612	-0.2257	-0.5042
0.725	*******	-0.2855	*******	-0.2395	-0.4454
0.750	-0.3345	-0.3143	*******	-0.2544	-0.3726
0.775	*******	-0.3453	-0.2358	-0.2753	-0.2784
0.800	-0.3498	-0.3799	-0.2729	-0.2974	*******
0.825	*******	-0.4139	-0.3175	-0.3111	-0.2632
0.850	-0.3648	-0.4494	-0.3694	-0.3513	-0.2708
0.875	*******	-0.4873	-0.4316	-0.3996	-0.3137
0.900	-0.3852	-0.5274	-0.5014	-0.4875	-0.4831
0.925	*******	-0.5706	-0.5696	-0.5746	-0.7864
0.950	-0.4107	-0.6109	-0.6454	-0.6725	-0.7072
0.975	*******	-0.7064	-0.7771	-0.8637	-0.7723
1.000	-0.4131	-0.8451	-0.7895	-1.1550	-1.0005
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1327	0.1356	0.1843	*******	-0.6507
-0.400	0.1240	0.1419	0.1554	-0.0041	-0.7254
-0.600	0.1361	0.1431	0.1461	0.0291	-0.7031
-0.700	0.1561	0.1379	0.1455	0.0459	-0.6771
-0.800	0.1876	*******	0.1431	0.0664	-0.6115
-0.850	*******	0.1768	0.1527	0.0740	-0.6130
-0.900	*******	0.2039	0.1754	0.1000	-0.6017
-0.950	0.2453	0.2283	0.2099	0.1465	-0.2177
-0.975	*******	0.2118	0.2039	0.1597	-0.0629
-1.000	-0.4300	-0.7197	-1.0175	-1.0565	-0.8817

Surface Pressures



Medium Radius L.E.

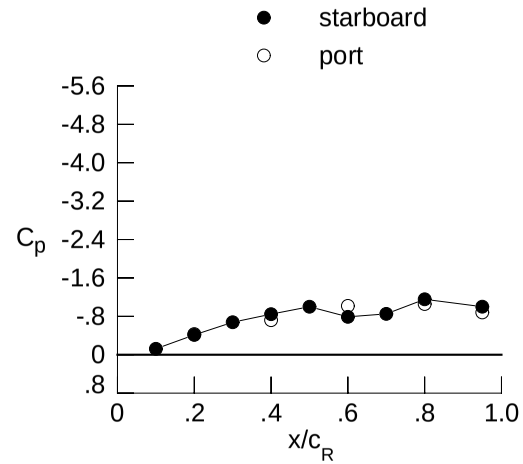
Run No. = 20 , Point No. = 396

C_N = 0.285, C_m = -0.0468

α = 7.1 °, M_∞ = 0.851

$R_{mac} = 84.8 \times 10^6$

Leading Edge Pressures

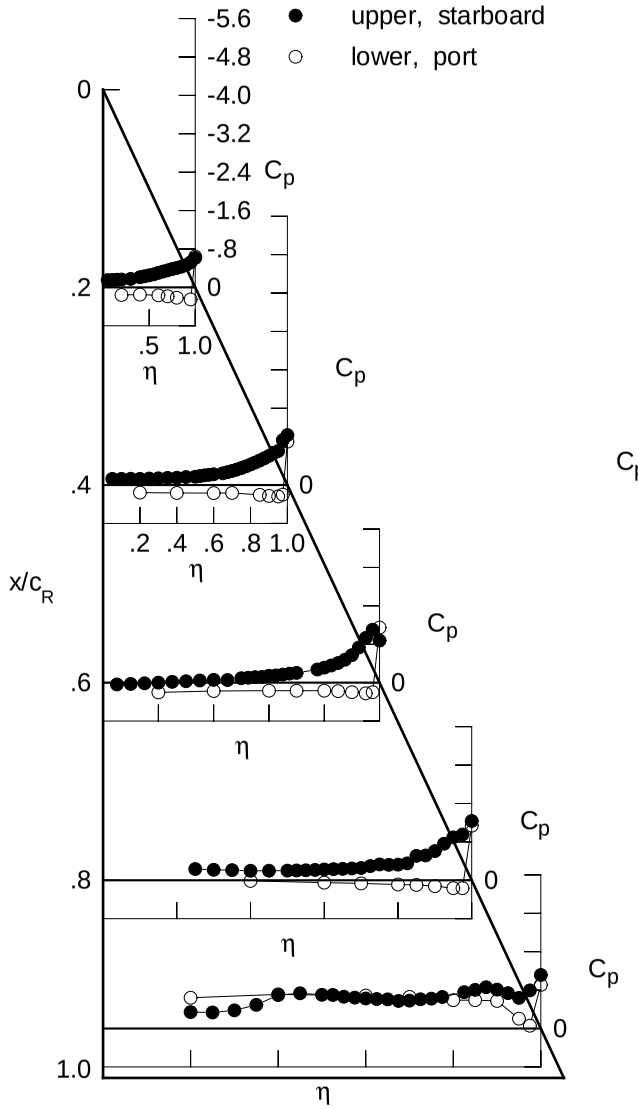


x/c_R	starb'd C_p	port C_p
0.10	-0.1236	*******
0.20	-0.4131	-0.4300
0.30	-0.6765	*******
0.40	-0.8451	-0.7197
0.50	-1.0004	*******
0.60	-0.7895	-1.0175
0.70	-0.8512	*******
0.80	-1.1550	-1.0565
0.90	*******	*******
0.95	-1.0005	-0.8817

Table E8. 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	-0.1522	-0.1277	0.0376	*******	*******
0.100	-0.1541	-0.1292	0.0273	*******	*******
0.150	-0.1602	-0.1314	0.0136	*******	*******
0.200	-0.1641	-0.1286	-0.0002	*******	-0.3428
0.250	*******	-0.1362	-0.0171	-0.2347	-0.3348
0.300	-0.1775	-0.1397	-0.0297	-0.2185	-0.3781
0.350	*******	-0.1487	-0.0449	-0.2111	-0.4923
0.400	-0.2123	-0.1524	-0.0587	-0.1982	-0.6967
0.450	-0.2310	-0.1661	-0.0542	-0.1988	-0.7343
0.500	-0.2521	-0.1726	-0.0920	-0.2011	-0.7027
0.525	*******	-0.1860	-0.1023	-0.2048	-0.6990
0.550	-0.2724	-0.2018	-0.1143	-0.2081	-0.6627
0.575	*******	-0.2124	-0.1180	-0.2160	-0.6433
0.600	-0.3022	-0.2250	-0.1430	-0.2256	-0.6254
0.625	*******	*******	-0.1508	-0.2317	-0.6142
0.650	-0.3294	-0.2437	-0.1677	-0.2385	-0.6073
0.675	*******	-0.2688	-0.1882	-0.2455	-0.5747
0.700	-0.3550	-0.2942	-0.2035	-0.2571	-0.5807
0.725	*******	-0.3224	*******	-0.2960	-0.6087
0.750	-0.3814	-0.3540	*******	-0.3296	-0.6217
0.775	*******	-0.3888	-0.2736	-0.3227	-0.6564
0.800	-0.4051	-0.4283	-0.3129	-0.3253	*******
0.825	*******	-0.4691	-0.3564	-0.3531	-0.7566
0.850	-0.4317	-0.5110	-0.4091	-0.5089	-0.8057
0.875	*******	-0.5565	-0.4776	-0.5168	-0.8598
0.900	-0.4627	-0.6074	-0.5727	-0.6083	-0.8104
0.925	*******	-0.6629	-0.7320	-0.7619	-0.7367
0.950	-0.5208	-0.7072	-0.9312	-0.8945	-0.6387
0.975	*******	-0.9361	-1.1021	-0.9543	-0.7941
1.000	-0.6130	-1.0409	-0.8767	-1.2357	-1.1158
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1575	0.1576	0.2031	*******	-0.6404
-0.400	0.1502	0.1651	0.1742	0.0134	-0.7110
-0.600	0.1653	0.1678	0.1674	0.0485	-0.6861
-0.700	0.1858	0.1647	0.1679	0.0652	-0.6584
-0.800	0.2151	*******	0.1671	0.0883	-0.5900
-0.850	*******	0.2043	0.1779	0.0971	-0.5910
-0.900	*******	0.2276	0.1992	0.1217	-0.5744
-0.950	0.2505	0.2380	0.2224	0.1641	-0.2047
-0.975	*******	0.2000	0.1986	0.1644	-0.0585
-1.000	-0.6434	-0.9049	-1.1461	-1.1368	-0.9080

Surface Pressures



Medium Radius L.E.

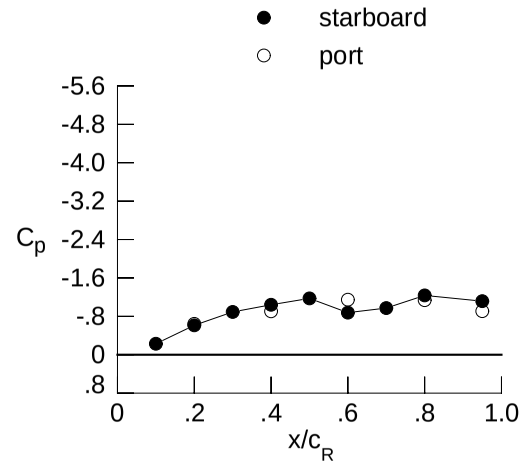
Run No. = 20 , Point No. = 397

C_N = 0.349, C_m = -0.0628

α = 8.2 °, M_∞ = 0.854

R_{mac} = 85.0×10^6

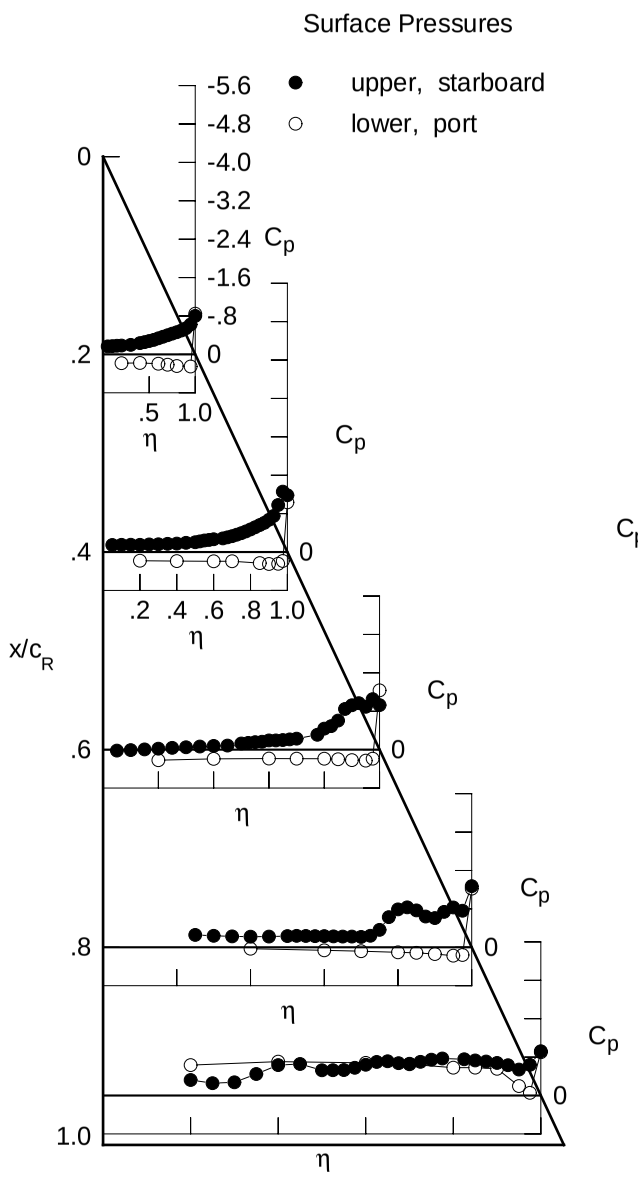
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.2288	*******
0.20	-0.6130	-0.6434
0.30	-0.8912	*******
0.40	-1.0409	-0.9049
0.50	-1.1737	*******
0.60	-0.8767	-1.1461
0.70	-0.9724	*******
0.80	-1.2357	-1.1368
0.90	*******	*******
0.95	-1.1158	-0.9080

Table E8. 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	-0.1676	-0.1470	0.0200	*******	*******
0.100	-0.1723	-0.1500	0.0094	*******	*******
0.150	-0.1797	-0.1517	-0.0051	*******	*******
0.200	-0.1839	-0.1501	-0.0203	*******	-0.3233
0.250	*******	-0.1581	-0.0380	-0.2576	-0.2569
0.300	-0.1987	-0.1619	-0.0493	-0.2396	-0.2753
0.350	*******	-0.1712	-0.0645	-0.2275	-0.4477
0.400	-0.2355	-0.1757	-0.0773	-0.2206	-0.6339
0.450	-0.2552	-0.1917	-0.0846	-0.2233	-0.6564
0.500	-0.2785	-0.2039	-0.1283	-0.2335	-0.5253
0.525	*******	-0.2216	-0.1410	-0.2381	-0.5271
0.550	-0.3021	-0.2404	-0.1564	-0.2361	-0.5302
0.575	*******	-0.2523	-0.1645	-0.2317	-0.5777
0.600	-0.3353	-0.2661	-0.1916	-0.2326	-0.6407
0.625	*******	*******	-0.1919	-0.2275	-0.6989
0.650	-0.3675	-0.2842	-0.2000	-0.2233	-0.7137
0.675	*******	-0.3064	-0.2136	-0.2228	-0.6737
0.700	-0.3989	-0.3306	-0.2285	-0.2158	-0.6620
0.725	*******	-0.3606	*******	-0.2404	-0.7017
0.750	-0.4323	-0.3930	*******	-0.3635	-0.7462
0.775	*******	-0.4295	-0.3100	-0.6282	-0.7714
0.800	-0.4627	-0.4713	-0.4374	-0.7896	*******
0.825	*******	-0.5158	-0.4898	-0.8321	-0.7553
0.850	-0.4979	-0.5621	-0.6053	-0.7687	-0.7306
0.875	*******	-0.6079	-0.8472	-0.6410	-0.7081
0.900	-0.5452	-0.6720	-0.9245	-0.6087	-0.6785
0.925	*******	-0.7513	-0.9677	-0.7376	-0.6313
0.950	-0.6235	-0.9799	-0.8931	-0.8295	-0.5409
0.975	*******	-1.2582	-1.0518	-0.7619	-0.6396
1.000	-0.8013	-1.1834	-0.9281	-1.2737	-0.9221
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1835	0.1811	0.2201	*******	-0.6334
-0.400	0.1781	0.1884	0.1920	0.0297	-0.7059
-0.600	0.1947	0.1931	0.1859	0.0632	-0.6800
-0.700	0.2153	0.1917	0.1883	0.0813	-0.6514
-0.800	0.2424	*******	0.1891	0.1051	-0.5804
-0.850	*******	0.2308	0.2001	0.1155	-0.5804
-0.900	*******	0.2492	0.2185	0.1407	-0.5569
-0.950	0.2517	0.2451	0.2289	0.1745	-0.1967
-0.975	*******	0.1861	0.1879	0.1601	-0.0556
-1.000	-0.8480	-1.0354	-1.2349	-1.2218	-0.9017



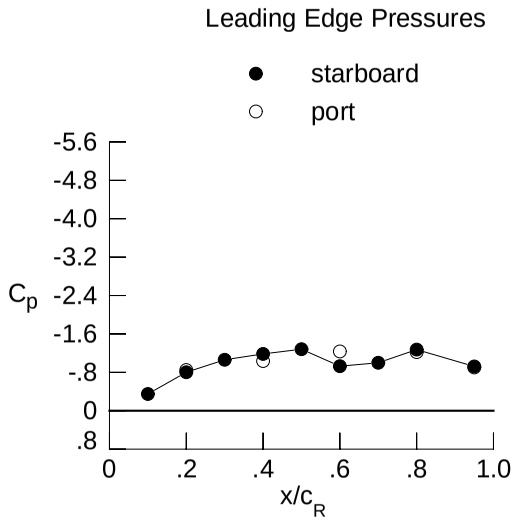
Medium Radius L.E.

Run No. = 20 , Point No. = 398

C_N = 0.401, C_m = -0.0713

α = 9.2 °, M_∞ = 0.850

$R_{mac} = 85.0 \times 10^6$

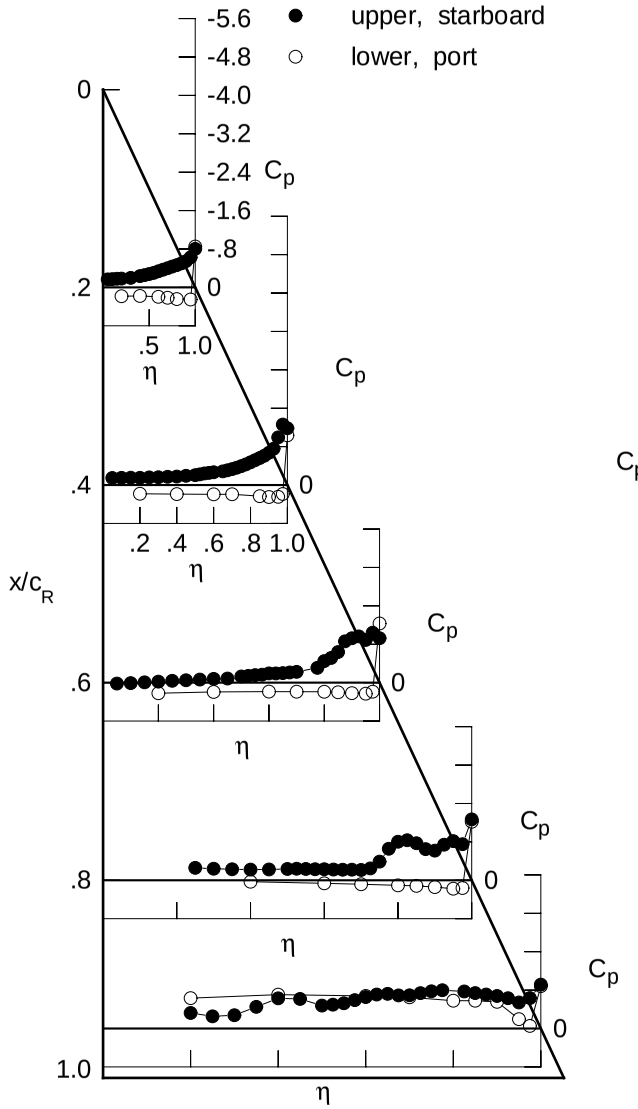


x/c_R	starb'd C_p	port C_p
0.10	-0.3489	*******
0.20	-0.8013	-0.8480
0.30	-1.0618	*******
0.40	-1.1834	-1.0354
0.50	-1.2817	*******
0.60	-0.9281	-1.2349
0.70	-0.9991	*******
0.80	-1.2737	-1.2218
0.90	*******	*******
0.95	-0.9221	-0.9017

Table E8. 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	-0.1676	-0.1474	0.0192	*******	*******
0.100	-0.1724	-0.1505	0.0094	*******	*******
0.150	-0.1797	-0.1525	-0.0063	*******	*******
0.200	-0.1834	-0.1508	-0.0204	*******	-0.3239
0.250	*******	-0.1588	-0.0385	-0.2594	-0.2537
0.300	-0.1986	-0.1627	-0.0500	-0.2412	-0.2771
0.350	*******	-0.1723	-0.0641	-0.2297	-0.4511
0.400	-0.2356	-0.1772	-0.0788	-0.2227	-0.6286
0.450	-0.2553	-0.1925	-0.0854	-0.2255	-0.6163
0.500	-0.2787	-0.2052	-0.1288	-0.2356	-0.4777
0.525	*******	-0.2228	-0.1411	-0.2408	-0.4967
0.550	-0.3023	-0.2416	-0.1567	-0.2361	-0.5259
0.575	*******	-0.2535	-0.1655	-0.2307	-0.5910
0.600	-0.3358	-0.2663	-0.1925	-0.2302	-0.6550
0.625	*******	*******	-0.1923	-0.2242	-0.7081
0.650	-0.3679	-0.2849	-0.1987	-0.2202	-0.7222
0.675	*******	-0.3071	-0.2124	-0.2211	-0.6894
0.700	-0.3992	-0.3321	-0.2244	-0.2154	-0.6919
0.725	*******	-0.3609	*******	-0.2470	-0.7365
0.750	-0.4333	-0.3942	*******	-0.3884	-0.7751
0.775	*******	-0.4308	-0.3082	-0.6569	-0.7978
0.800	-0.4636	-0.4734	-0.4488	-0.8031	*******
0.825	*******	-0.5177	-0.5140	-0.8343	-0.7722
0.850	-0.5007	-0.5635	-0.6374	-0.7716	-0.7385
0.875	*******	-0.6100	-0.8611	-0.6489	-0.7083
0.900	-0.5463	-0.6726	-0.9248	-0.6175	-0.6775
0.925	*******	-0.7567	-0.9629	-0.7412	-0.6312
0.950	-0.6266	-0.9927	-0.8895	-0.8160	-0.5425
0.975	*******	-1.2600	-1.0402	-0.7519	-0.6347
1.000	-0.8022	-1.1822	-0.9254	-1.2690	-0.9146
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1837	0.1820	0.2206	*******	-0.6325
-0.400	0.1787	0.1890	0.1936	0.0299	-0.7056
-0.600	0.1957	0.1940	0.1867	0.0634	-0.6787
-0.700	0.2163	0.1922	0.1892	0.0822	-0.6507
-0.800	0.2432	*******	0.1897	0.1058	-0.5795
-0.850	*******	0.2317	0.2009	0.1163	-0.5792
-0.900	*******	0.2497	0.2193	0.1415	-0.5557
-0.950	0.2522	0.2456	0.2295	0.1755	-0.1955
-0.975	*******	0.1862	0.1881	0.1607	-0.0541
-1.000	-0.8511	-1.0349	-1.2331	-1.2192	-0.8821

Surface Pressures



Medium Radius L.E.

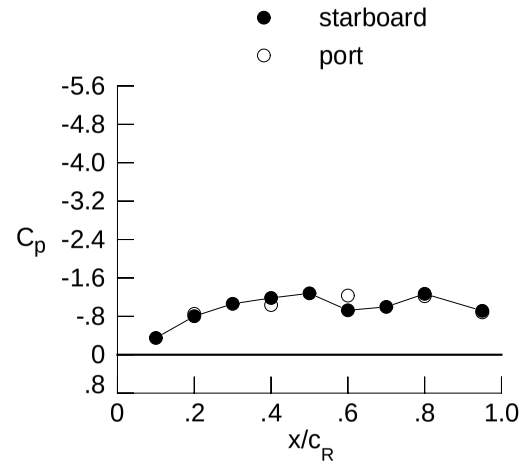
Run No. = 20 , Point No. = 399

C_N = 0.403, C_m = -0.0718

α = 9.2 °, M_∞ = 0.851

$R_{mac} = 85.1 \times 10^6$

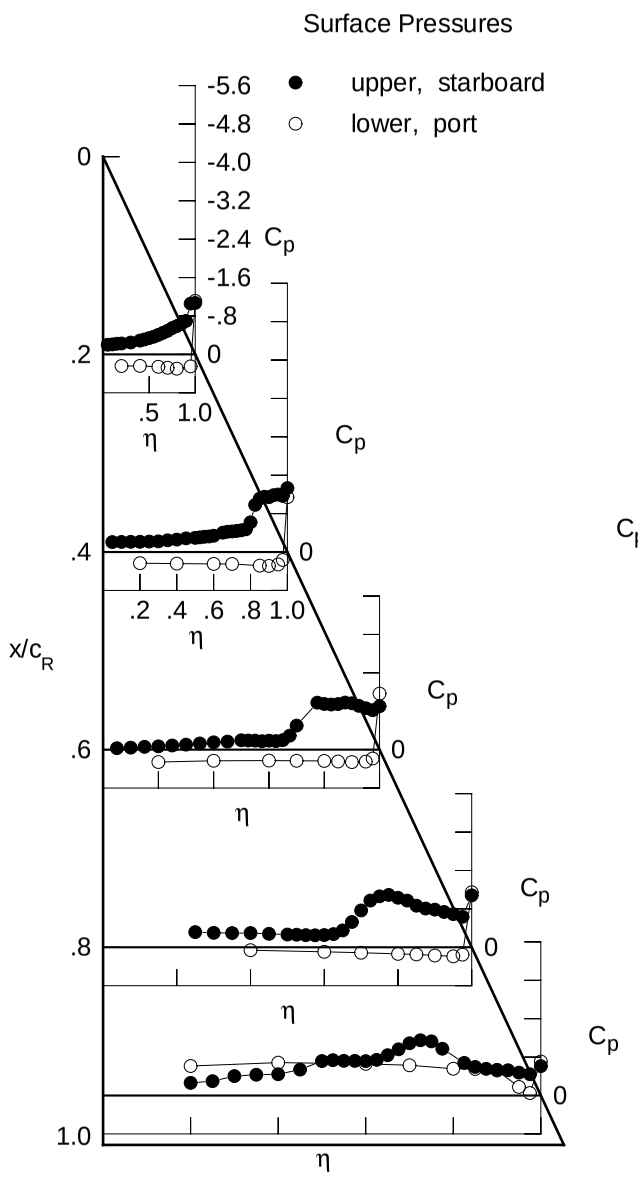
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.3495	*******
0.20	-0.8022	-0.8511
0.30	-1.0610	*******
0.40	-1.1822	-1.0349
0.50	-1.2794	*******
0.60	-0.9254	-1.2331
0.70	-0.9971	*******
0.80	-1.2690	-1.2192
0.90	*******	*******
0.95	-0.9146	-0.8821

Table E8. 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	-0.2011	-0.2072	-0.0294	*******	*******
0.100	-0.2079	-0.2104	-0.0416	*******	*******
0.150	-0.2217	-0.2129	-0.0584	*******	*******
0.200	-0.2274	-0.2136	-0.0684	*******	-0.2635
0.250	*******	-0.2186	-0.0864	-0.3162	-0.2986
0.300	-0.2473	-0.2225	-0.1045	-0.3006	-0.4045
0.350	*******	-0.2445	-0.1286	-0.2961	-0.4331
0.400	-0.2876	-0.2591	-0.1523	-0.2964	-0.4433
0.450	-0.3114	-0.2849	-0.1684	-0.2804	-0.5394
0.500	-0.3393	-0.2957	-0.1949	-0.2656	-0.7179
0.525	*******	-0.3055	-0.1907	-0.2614	-0.7359
0.550	-0.3689	-0.3186	-0.1882	-0.2527	-0.7221
0.575	*******	-0.3241	-0.1756	-0.2496	-0.7217
0.600	-0.4071	-0.3396	-0.1872	-0.2547	-0.7160
0.625	*******	*******	-0.1779	-0.2741	-0.7435
0.650	-0.4485	-0.4030	-0.1980	-0.3509	-0.8402
0.675	*******	-0.4235	-0.2909	-0.5269	-0.9627
0.700	-0.4912	-0.4292	-0.5012	-0.7671	-1.0891
0.725	*******	-0.4404	*******	-0.9739	-1.1509
0.750	-0.5481	-0.4528	*******	-1.0620	-1.1281
0.775	*******	-0.4742	-0.9786	-1.0912	-0.9742
0.800	-0.5887	-0.6200	-0.9510	-1.0318	*******
0.825	*******	-0.9828	-0.9397	-0.9731	-0.6788
0.850	-0.6361	-1.1131	-0.9494	-0.8667	-0.5955
0.875	*******	-1.1519	-0.9804	-0.8073	-0.5559
0.900	-0.6972	-1.1425	-0.9663	-0.7845	-0.5349
0.925	*******	-1.1838	-0.9125	-0.7363	-0.5263
0.950	-1.0573	-1.1987	-0.8625	-0.6910	-0.4770
0.975	*******	-1.1699	-0.8225	-0.6348	-0.4432
1.000	-1.0722	-1.3319	-0.9040	-1.0822	-0.6131
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2428	0.2322	0.2585	*******	-0.6144
-0.400	0.2398	0.2412	0.2322	0.0612	-0.6852
-0.600	0.2587	0.2473	0.2278	0.0945	-0.6598
-0.700	0.2784	0.2488	0.2322	0.1134	-0.6298
-0.800	0.2979	*******	0.2352	0.1377	-0.5575
-0.850	*******	0.2832	0.2461	0.1490	-0.5532
-0.900	*******	0.2899	0.2588	0.1709	-0.5204
-0.950	0.2497	0.2592	0.2489	0.1886	-0.1785
-0.975	*******	0.1643	0.1837	0.1528	-0.0510
-1.000	-1.1146	-1.1424	-1.1671	-1.1461	-0.7078



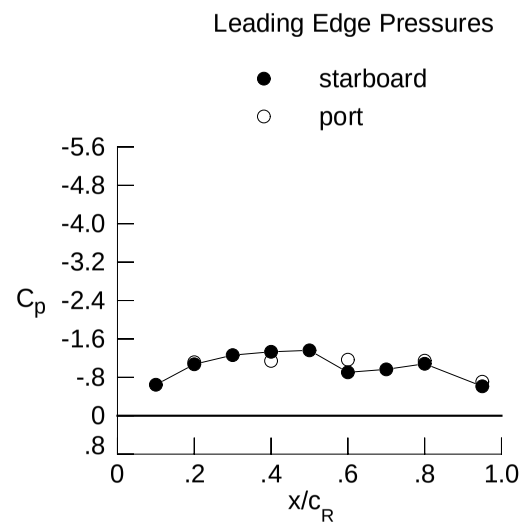
Medium Radius L.E.

Run No. = 20 , Point No. = 400

C_N = 0.532, C_m = -0.0935

α = 11.4 °, M_∞ = 0.852

R_{mac} = 85.0×10^6

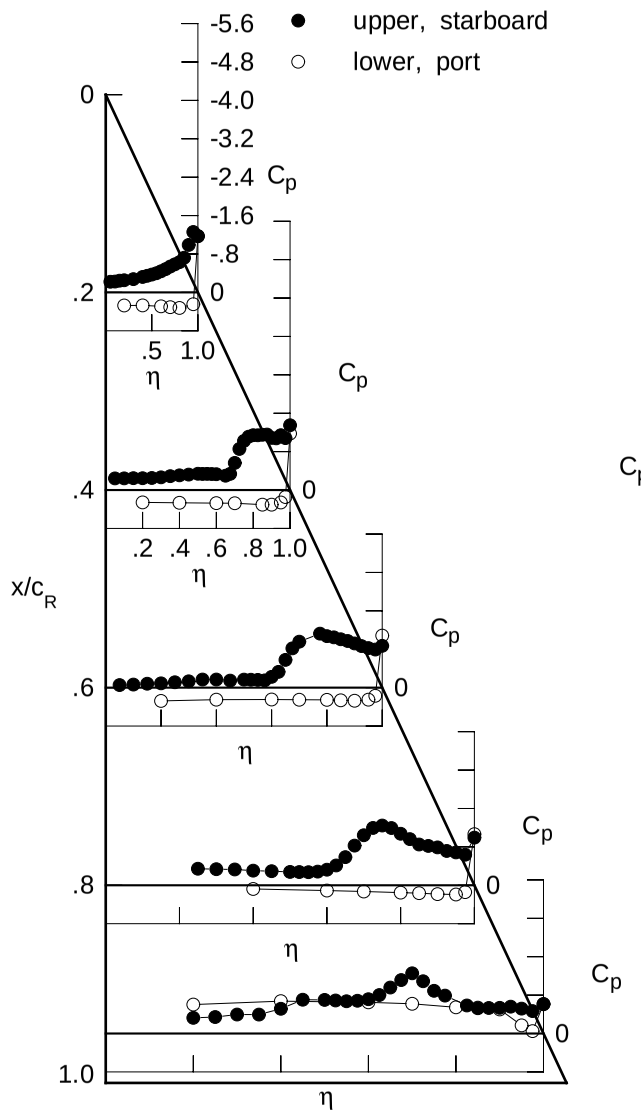


x/c_R	starb'd C_p	port C_p
0.10	-0.6454	*******
0.20	-1.0722	-1.1146
0.30	-1.2626	*******
0.40	-1.3319	-1.1424
0.50	-1.3623	*******
0.60	-0.9040	-1.1671
0.70	-0.9660	*******
0.80	-1.0822	-1.1461
0.90	*******	*******
0.95	-0.6131	-0.7078

Table E8. 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	-0.2213	-0.2426	-0.0532	*******	*******
0.100	-0.2254	-0.2434	-0.0638	*******	*******
0.150	-0.2442	-0.2471	-0.0814	*******	*******
0.200	-0.2530	-0.2462	-0.0897	*******	-0.3264
0.250	*******	-0.2513	-0.1120	-0.3449	-0.3430
0.300	-0.2764	-0.2645	-0.1320	-0.3354	-0.3955
0.350	*******	-0.2891	-0.1687	-0.3295	-0.3944
0.400	-0.3217	-0.3064	-0.1684	-0.3050	-0.5155
0.450	-0.3460	-0.3213	-0.1460	-0.2932	-0.7037
0.500	-0.3711	-0.3394	-0.1670	-0.2786	-0.6998
0.525	*******	-0.3355	-0.1649	-0.2756	-0.6878
0.550	-0.3990	-0.3372	-0.1617	-0.2731	-0.6723
0.575	*******	-0.3335	-0.1513	-0.2850	-0.6825
0.600	-0.4403	-0.3295	-0.2247	-0.3252	-0.7144
0.625	*******	*******	-0.3291	-0.4125	-0.8015
0.650	-0.4848	-0.2988	-0.5783	-0.5861	-0.9575
0.675	*******	-0.3370	-0.8184	-0.8264	-1.1134
0.700	-0.5381	-0.5649	-0.9573	-1.0426	-1.2545
0.725	*******	-0.8560	*******	-1.1945	-1.0884
0.750	-0.5849	-1.0233	*******	-1.2452	-0.8897
0.775	*******	-1.1109	-1.1248	-1.1927	-0.7898
0.800	-0.6294	-1.1422	-1.0726	-1.0739	*******
0.825	*******	-1.1409	-1.0480	-0.9615	-0.5836
0.850	-0.7220	-1.1511	-1.0078	-0.8497	-0.5261
0.875	*******	-1.1558	-0.9720	-0.8201	-0.5317
0.900	-0.9890	-1.0868	-0.9211	-0.7894	-0.5352
0.925	*******	-1.0766	-0.8663	-0.7154	-0.5593
0.950	-1.2581	-1.1421	-0.8243	-0.6849	-0.5180
0.975	*******	-1.0814	-0.7932	-0.6369	-0.4669
1.000	-1.1697	-1.3498	-0.8711	-0.9930	-0.6099
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.2731	0.2574	0.2765	*******	-0.6029
-0.400	0.2709	0.2660	0.2505	0.0768	-0.6742
-0.600	0.2903	0.2729	0.2474	0.1098	-0.6494
-0.700	0.3080	0.2749	0.2519	0.1294	-0.6190
-0.800	0.3239	*******	0.2546	0.1531	-0.5457
-0.850	*******	0.3047	0.2642	0.1639	-0.5394
-0.900	*******	0.3052	0.2729	0.1839	-0.5017
-0.950	0.2465	0.2593	0.2502	0.1921	-0.1695
-0.975	*******	0.1460	0.1698	0.1425	-0.0492
-1.000	-1.1746	-1.1769	-0.1844	-1.0645	-0.6160

Surface Pressures



Medium Radius L.E.

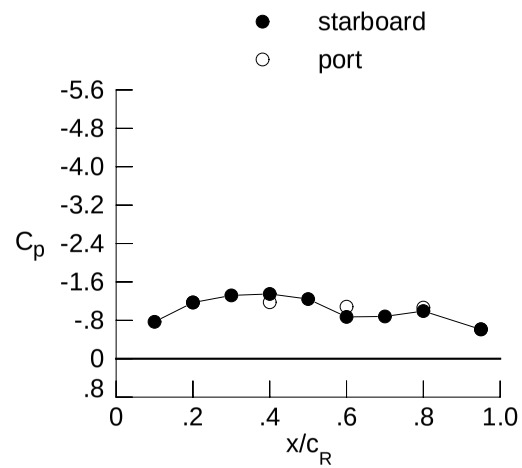
Run No. = 20 , Point No. = 401

C_N = 0.594, C_m = -0.1032

α = 12.4 °, M_∞ = 0.852

R_{mac} = 84.8×10^6

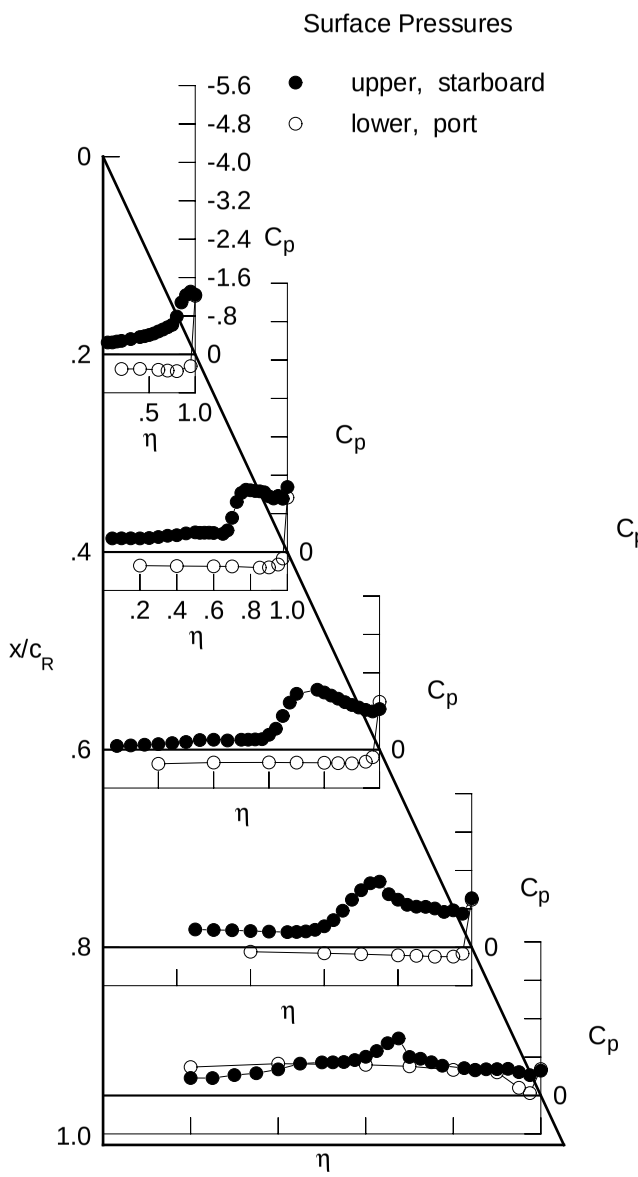
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.7692	*******
0.20	-1.1697	-1.1746
0.30	-1.3192	*******
0.40	-1.3498	-1.1769
0.50	-1.2430	*******
0.60	-0.8711	-1.0844
0.70	-0.8810	*******
0.80	-0.9930	-1.0645
0.90	*******	*******
0.95	-0.6099	-0.6160

Table E8. 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	-0.2481	-0.2839	-0.0768	*******	*******
0.100	-0.2491	-0.2853	-0.0875	*******	*******
0.150	-0.2679	-0.2855	-0.1021	*******	*******
0.200	-0.2813	-0.2838	-0.1150	*******	-0.3647
0.250	*******	-0.2922	-0.1359	-0.3713	-0.3631
0.300	-0.3189	-0.3128	-0.1593	-0.3601	-0.4256
0.350	*******	-0.3388	-0.1998	-0.3554	-0.4642
0.400	-0.3611	-0.3506	-0.2065	-0.3388	-0.5447
0.450	-0.3791	-0.3879	-0.1916	-0.3265	-0.6639
0.500	-0.4038	-0.4095	-0.2066	-0.3159	-0.6899
0.525	*******	-0.3998	-0.2074	-0.3191	-0.6909
0.550	-0.4341	-0.4027	-0.2127	-0.3300	-0.6973
0.575	*******	-0.4034	-0.2173	-0.3639	-0.7381
0.600	-0.4779	-0.3971	-0.3094	-0.4376	-0.8075
0.625	*******	*******	-0.4358	-0.5652	-0.9266
0.650	-0.5182	-0.3788	-0.7017	-0.7616	-1.0899
0.675	*******	-0.4514	-0.9794	-0.9906	-1.1884
0.700	-0.5656	-0.7125	-1.1629	-1.1888	-0.8030
0.725	*******	-1.0429	*******	-1.3333	-0.7652
0.750	-0.6149	-1.2294	*******	-1.3670	-0.6930
0.775	*******	-1.2979	-1.2482	-1.1058	-0.6205
0.800	-0.7890	-1.2862	-1.1901	-0.9914	*******
0.825	*******	-1.2721	-1.1268	-0.8846	-0.5701
0.850	-1.0813	-1.2651	-1.0617	-0.8458	-0.5349
0.875	*******	-1.2451	-0.9889	-0.8424	-0.5464
0.900	-1.2347	-1.1600	-0.9300	-0.8083	-0.5494
0.925	*******	-1.1152	-0.8779	-0.7366	-0.5557
0.950	-1.3083	-1.1690	-0.8281	-0.7692	-0.4874
0.975	*******	-1.1101	-0.7948	-0.6996	-0.4244
1.000	-1.2435	-1.3545	-0.8458	-1.0212	-0.5172
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3045	0.2828	0.2949	*******	-0.5920
-0.400	0.3023	0.2919	0.2689	0.0926	-0.6634
-0.600	0.3216	0.2977	0.2664	0.1249	-0.6394
-0.700	0.3380	0.3003	0.2708	0.1438	-0.6078
-0.800	0.3490	*******	0.2733	0.1678	-0.5338
-0.850	*******	0.3250	0.2813	0.1780	-0.5245
-0.900	*******	0.3198	0.2866	0.1957	-0.4833
-0.950	0.2445	0.2610	0.2511	0.1942	-0.1607
-0.975	*******	0.1340	0.1573	0.1319	-0.0495
-1.000	-1.2202	-1.1343	-0.9949	-0.9909	-0.5508



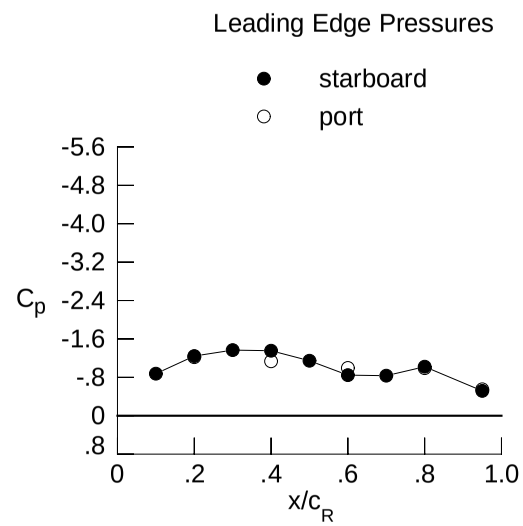
Medium Radius L.E.

Run No. = 20 , Point No. = 402

C_N = 0.654, C_m = -0.1106

α = 13.5 °, M_∞ = 0.853

R_{mac} = 84.9×10^6

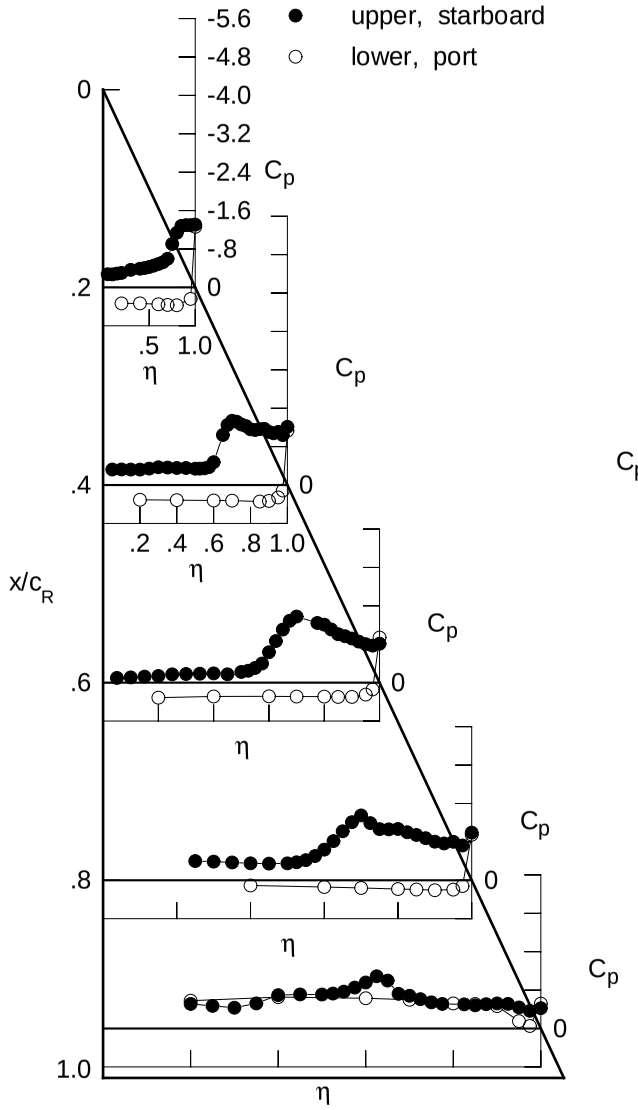


x/c_R	starb'd C_p	port C_p
0.10	-0.8761	*******
0.20	-1.2435	-1.2202
0.30	-1.3671	*******
0.40	-1.3545	-1.1343
0.50	-1.1456	*******
0.60	-0.8458	-0.9949
0.70	-0.8341	*******
0.80	-1.0212	-0.9909
0.90	*******	*******
0.95	-0.5172	-0.5508

Table E8. 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	-0.2737	-0.3229	-0.0982	*******	*******
0.100	-0.2710	-0.3251	-0.1100	*******	*******
0.150	-0.2873	-0.3224	-0.1252	*******	*******
0.200	-0.3016	-0.3220	-0.1381	*******	-0.5116
0.250	*******	-0.3421	-0.1729	-0.4009	-0.4709
0.300	-0.3659	-0.3708	-0.1797	-0.3886	-0.4331
0.350	*******	-0.3637	-0.1867	-0.3709	-0.5226
0.400	-0.3886	-0.3557	-0.1930	-0.3538	-0.6950
0.450	-0.4034	-0.3552	-0.1735	-0.3468	-0.7095
0.500	-0.4252	-0.3403	-0.2222	-0.3529	-0.7081
0.525	*******	-0.3414	-0.2480	-0.3755	-0.7283
0.550	-0.4536	-0.3477	-0.3056	-0.4195	-0.7680
0.575	*******	-0.3734	-0.3980	-0.5055	-0.8530
0.600	-0.4871	-0.4760	-0.6337	-0.6387	-0.9581
0.625	*******	*******	-0.8665	-0.8171	-1.0879
0.650	-0.5242	-1.0426	-1.1058	-1.0210	-0.9985
0.675	*******	-1.2503	-1.2885	-1.2105	-0.7224
0.700	-0.5962	-1.3391	-1.3767	-1.3510	-0.6823
0.725	*******	-1.3189	*******	-1.1914	-0.6110
0.750	-0.9049	-1.2616	*******	-1.0655	-0.5450
0.775	*******	-1.2292	-1.2436	-1.0609	-0.5119
0.800	-1.1376	-1.1606	-1.2079	-1.0685	*******
0.825	*******	-1.1461	-1.1082	-1.0007	-0.5032
0.850	-1.2819	-1.1648	-1.0092	-0.9439	-0.4833
0.875	*******	-1.1707	-0.9671	-0.8771	-0.5062
0.900	-1.2970	-1.1070	-0.9190	-0.8041	-0.5224
0.925	*******	-1.0772	-0.8549	-0.7673	-0.5139
0.950	-1.2971	-1.1067	-0.8011	-0.8020	-0.4386
0.975	*******	-1.0411	-0.7709	-0.7247	-0.3677
1.000	-1.3077	-1.2135	-0.8110	-0.9931	-0.4232
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3337	0.3073	0.3127	*******	-0.5792
-0.400	0.3331	0.3154	0.2876	0.1077	-0.6547
-0.600	0.3517	0.3221	0.2851	0.1403	-0.6306
-0.700	0.3657	0.3247	0.2897	0.1596	-0.5991
-0.800	0.3720	*******	0.2912	0.1823	-0.5227
-0.850	*******	0.3436	0.2976	0.1917	-0.5113
-0.900	*******	0.3313	0.2974	0.2069	-0.4667
-0.950	0.2397	0.2587	0.2489	0.1948	-0.1538
-0.975	*******	0.1147	0.1405	0.1189	-0.0526
-1.000	-1.2619	-1.1317	-0.9395	-0.9489	-0.5183

Surface Pressures



Medium Radius L.E.

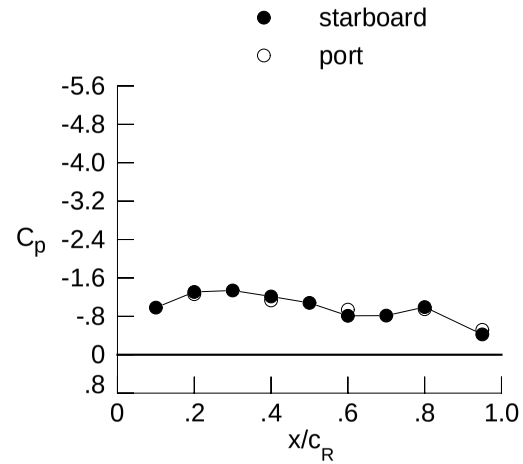
Run No. = 20 , Point No. = 403

C_N = 0.710, C_m = -0.1157

α = 14.6 °, M_∞ = 0.851

$R_{mac} = 84.7 \times 10^6$

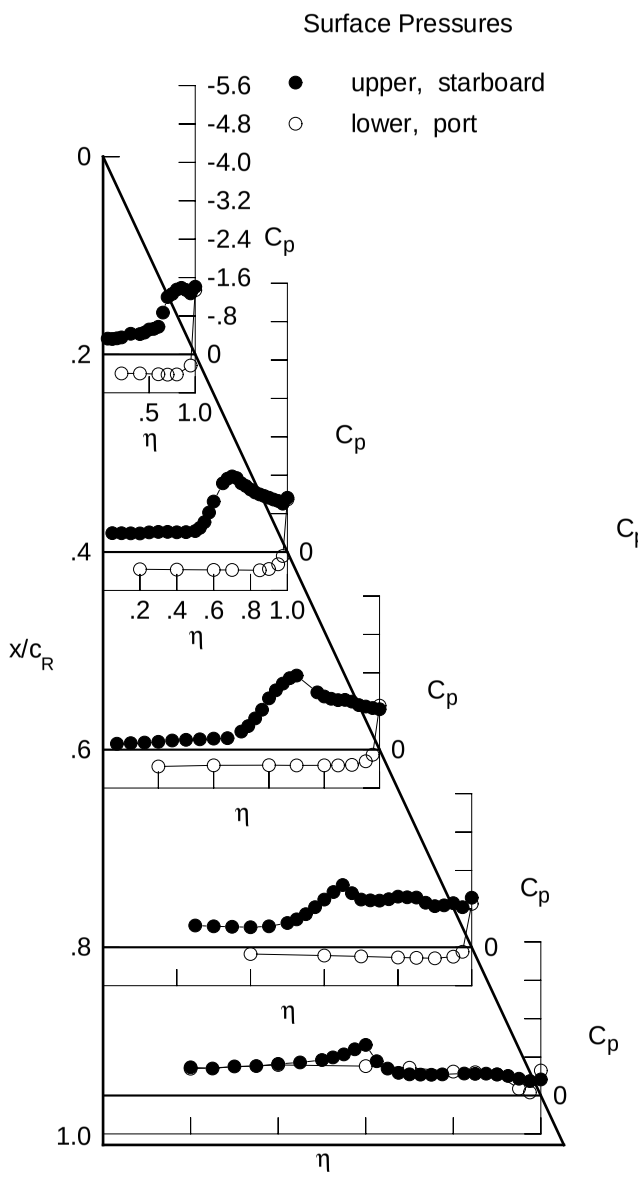
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.9816	*******
0.20	-1.3077	-1.2619
0.30	-1.3386	*******
0.40	-1.2135	-1.1317
0.50	-1.0797	*******
0.60	-0.8110	-0.9395
0.70	-0.8149	*******
0.80	-0.9931	-0.9489
0.90	*******	*******
0.95	-0.4232	-0.5183

Table E8. 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	-0.3284	-0.3940	-0.1232	*******	*******
0.100	-0.3205	-0.3919	-0.1355	*******	*******
0.150	-0.3341	-0.3897	-0.1470	*******	*******
0.200	-0.3539	-0.3871	-0.1635	*******	-0.5868
0.250	*******	-0.4098	-0.1902	-0.4534	-0.5623
0.300	-0.4295	-0.4190	-0.2047	-0.4371	-0.6059
0.350	*******	-0.4199	-0.2148	-0.4275	-0.6133
0.400	-0.4235	-0.4113	-0.2293	-0.4178	-0.6583
0.450	-0.4543	-0.4146	-0.2392	-0.4367	-0.6885
0.500	-0.5181	-0.4370	-0.3761	-0.5060	-0.7393
0.525	*******	-0.5029	-0.4902	-0.5817	-0.7932
0.550	-0.5320	-0.6234	-0.6506	-0.6896	-0.8571
0.575	*******	-0.8234	-0.8315	-0.8349	-0.9630
0.600	-0.5749	-1.0517	-1.0686	-0.9939	-1.0547
0.625	*******	*******	-1.2363	-1.1513	-0.7148
0.650	-0.8715	-1.4320	-1.3755	-1.2970	-0.5611
0.675	*******	-1.5280	-1.4887	-1.1269	-0.4716
0.700	-1.1943	-1.5749	-1.5430	-0.9941	-0.4408
0.725	*******	-1.5410	*******	-0.9776	-0.4355
0.750	-1.2592	-1.4317	*******	-0.9718	-0.4321
0.775	*******	-1.3756	-1.1927	-1.0018	-0.4401
0.800	-1.3502	-1.3032	-1.1075	-1.0554	*******
0.825	*******	-1.2419	-1.0600	-1.0416	-0.4579
0.850	-1.3862	-1.1998	-1.0308	-1.0360	-0.4509
0.875	*******	-1.1661	-1.0364	-0.9282	-0.4552
0.900	-1.3421	-1.1310	-1.0008	-0.8568	-0.4418
0.925	*******	-1.0935	-0.9278	-0.8734	-0.4076
0.950	-1.2712	-1.0638	-0.8976	-0.9193	-0.3499
0.975	*******	-1.0081	-0.8660	-0.8355	-0.3011
1.000	-1.4096	-1.1306	-0.8419	-1.0328	-0.3347
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3968	0.3591	0.3511	*******	-0.5580
-0.400	0.3966	0.3666	0.3269	0.1400	-0.6362
-0.600	0.4134	0.3726	0.3238	0.1722	-0.6121
-0.700	0.4220	0.3737	0.3285	0.1905	-0.5782
-0.800	0.4177	*******	0.3269	0.2129	-0.4987
-0.850	*******	0.3801	0.3289	0.2203	-0.4838
-0.900	*******	0.3539	0.3176	0.2295	-0.4357
-0.950	0.2323	0.2551	0.2427	0.1963	-0.1417
-0.975	*******	0.0820	0.1060	0.0940	-0.0638
-1.000	-1.3370	-1.0963	-0.9160	-0.9041	-0.5203



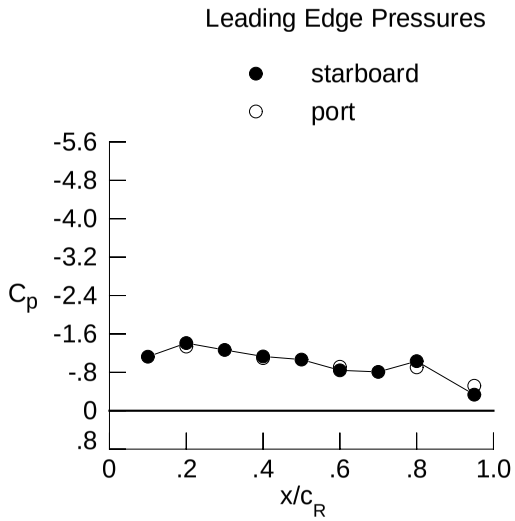
Medium Radius L.E.

Run No. = 20 , Point No. = 404

C_N = 0.801, C_m = -0.1185

α = 16.7 °, M_∞ = 0.850

R_{mac} = 84.5×10^6

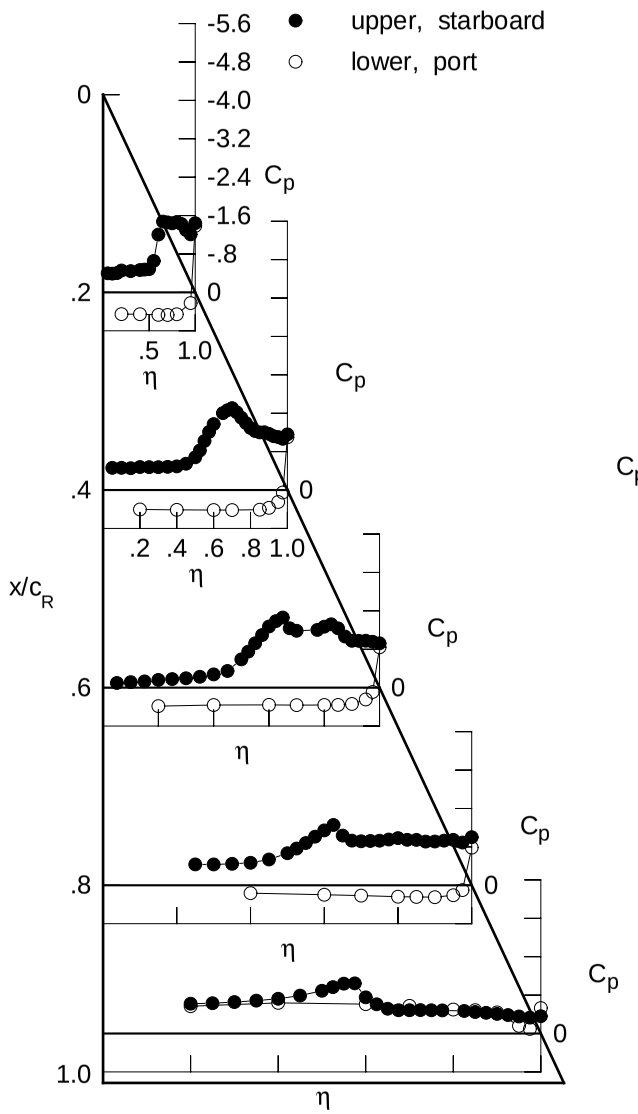


x/c_R	starb'd C_p	port C_p
0.10	-1.1257	*******
0.20	-1.4096	-1.3370
0.30	-1.2660	*******
0.40	-1.1306	-1.0963
0.50	-1.0658	*******
0.60	-0.8419	-0.9160
0.70	-0.8088	*******
0.80	-1.0328	-0.9041
0.90	*******	*******
0.95	-0.3347	-0.5203

Table E8. 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	-0.3974	-0.4621	-0.0976	*******	*******
0.100	-0.3906	-0.4627	-0.1144	*******	*******
0.150	-0.4013	-0.4553	-0.1302	*******	*******
0.200	-0.4564	-0.4790	-0.1611	*******	-0.6208
0.250	*******	-0.4767	-0.1780	-0.4355	-0.6312
0.300	-0.4429	-0.4768	-0.1954	-0.4341	-0.6551
0.350	*******	-0.4832	-0.2262	-0.4473	-0.6849
0.400	-0.4659	-0.4928	-0.2759	-0.4686	-0.7241
0.450	-0.4755	-0.5478	-0.3471	-0.5376	-0.7897
0.500	-0.4846	-0.6812	-0.5892	-0.6678	-0.8905
0.525	*******	-0.8239	-0.7505	-0.7654	-0.9662
0.550	-0.6553	-1.0213	-0.9238	-0.8811	-1.0383
0.575	*******	-1.2107	-1.0951	-1.0126	-1.0448
0.600	-1.2042	-1.3733	-1.2737	-1.1432	-0.7532
0.625	*******	*******	-1.3853	-1.2572	-0.6090
0.650	-1.4748	-1.6024	-1.4611	-1.0355	-0.5162
0.675	*******	-1.6630	-1.2370	-0.9302	-0.4848
0.700	-1.4584	-1.7065	-1.1851	-0.9170	-0.4847
0.725	*******	-1.6191	*******	-0.9234	-0.4880
0.750	-1.4388	-1.5063	*******	-0.9286	-0.4837
0.775	*******	-1.3959	-1.2026	-0.9533	-0.4813
0.800	-1.4666	-1.2918	-1.2696	-0.9825	*******
0.825	*******	-1.2288	-1.3201	-0.9474	-0.4693
0.850	-1.4247	-1.2010	-1.2350	-0.9454	-0.4478
0.875	*******	-1.2038	-1.0655	-0.9106	-0.4315
0.900	-1.2995	-1.1706	-0.9759	-0.9121	-0.4092
0.925	*******	-1.1221	-0.9755	-0.9296	-0.3852
0.950	-1.2086	-1.1028	-0.9776	-0.9464	-0.3553
0.975	*******	-1.0672	-0.9555	-0.8905	-0.3309
1.000	-1.4416	-1.1589	-0.9230	-1.0025	-0.3602
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4531	0.4048	0.3849	*******	-0.5686
-0.400	0.4541	0.4128	0.3623	0.1640	-0.6381
-0.600	0.4677	0.4167	0.3595	0.1967	-0.6118
-0.700	0.4705	0.4172	0.3643	0.2149	-0.5770
-0.800	0.4557	*******	0.3617	0.2373	-0.4995
-0.850	*******	0.4099	0.3602	0.2423	-0.4860
-0.900	*******	0.3707	0.3402	0.2482	-0.4398
-0.950	0.2227	0.2487	0.2461	0.2068	-0.1589
-0.975	*******	0.0510	0.0903	0.1000	-0.0949
-1.000	-1.3846	-1.0982	-0.8409	-0.7841	-0.5302

Surface Pressures



Medium Radius L.E.

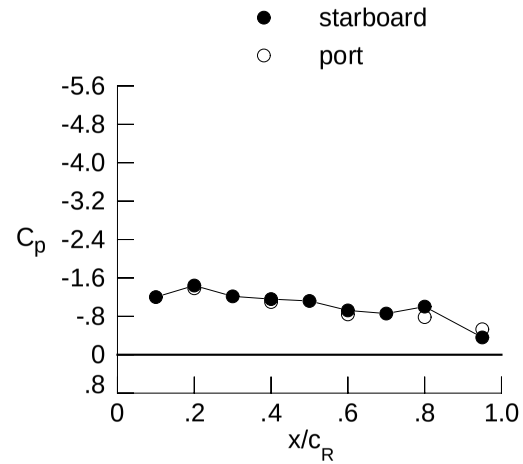
Run No. = 20 , Point No. = 405

C_N = 0.863, C_m = -0.1235

α = 18.7 °, M_∞ = 0.851

$R_{mac} = 84.6 \times 10^6$

Leading Edge Pressures

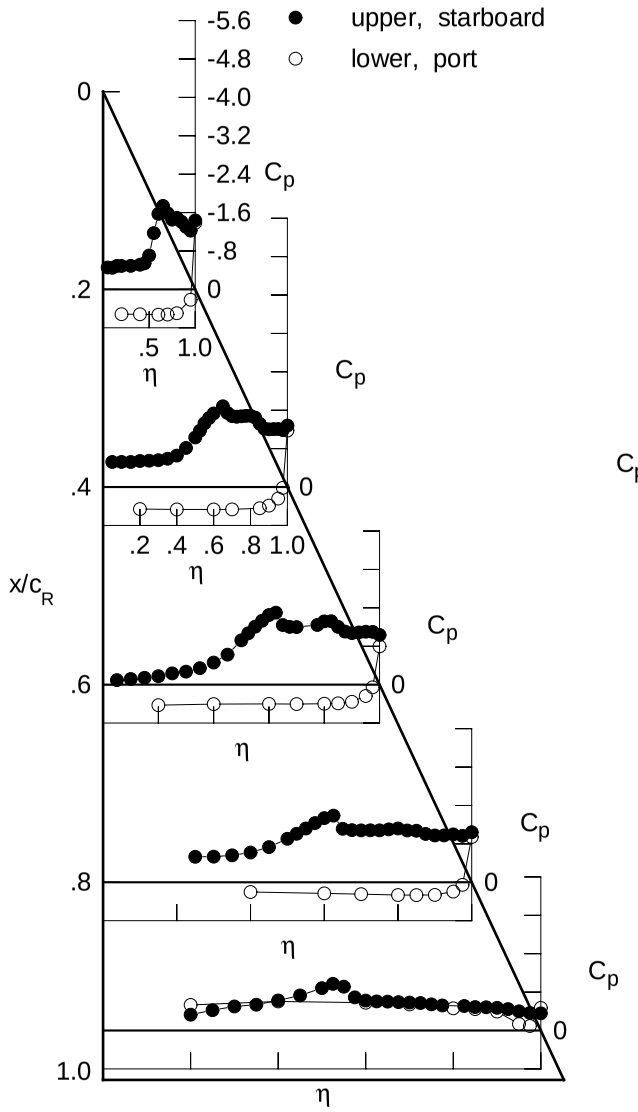


x/c_R	starb'd C_p	port C_p
0.10	-1.2012	*******
0.20	-1.4416	-1.3846
0.30	-1.2163	*******
0.40	-1.1589	-1.0982
0.50	-1.1202	*******
0.60	-0.9230	-0.8409
0.70	-0.8575	*******
0.80	-1.0025	-0.7841
0.90	*******	*******
0.95	-0.3602	-0.5302

Table E8. 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	-0.4560	-0.5221	-0.0944	*******	*******
0.100	-0.4501	-0.5225	-0.1168	*******	*******
0.150	-0.4888	-0.5215	-0.1421	*******	*******
0.200	-0.4890	-0.5426	-0.1759	*******	-0.3299
0.250	*******	-0.5489	-0.2342	-0.5312	-0.4235
0.300	-0.4907	-0.5589	-0.2703	-0.5337	-0.5010
0.350	*******	-0.5896	-0.3431	-0.5619	-0.5378
0.400	-0.5139	-0.6555	-0.4600	-0.6197	-0.6258
0.450	-0.5425	-0.8141	-0.6248	-0.7331	-0.7307
0.500	-0.7055	-1.0322	-0.9229	-0.9065	-0.8827
0.525	*******	-1.1712	-1.0694	-1.0102	-0.9720
0.550	-1.1730	-1.3266	-1.2083	-1.1207	-0.9128
0.575	*******	-1.4370	-1.3304	-1.2336	-0.6900
0.600	-1.5730	-1.5324	-1.4501	-1.3365	-0.6228
0.625	*******	*******	-1.5003	-1.3888	-0.6068
0.650	-1.7392	-1.6823	-1.2415	-1.1143	-0.6019
0.675	*******	-1.5425	-1.2033	-1.0861	-0.5916
0.700	-1.5859	-1.4760	-1.1988	-1.0820	-0.5828
0.725	*******	-1.4641	*******	-1.0833	-0.5716
0.750	-1.4531	-1.4736	*******	-1.0822	-0.5451
0.775	*******	-1.4824	-1.2430	-1.1025	-0.5212
0.800	-1.4911	-1.4846	-1.3186	-1.1212	*******
0.825	*******	-1.4474	-1.3214	-1.0795	-0.5102
0.850	-1.4103	-1.3176	-1.2043	-1.0733	-0.4876
0.875	*******	-1.2157	-1.1059	-1.0072	-0.4843
0.900	-1.3021	-1.2018	-1.0735	-0.9750	-0.4728
0.925	*******	-1.2075	-1.0883	-0.9762	-0.4463
0.950	-1.2229	-1.2091	-1.1024	-0.9973	-0.4004
0.975	*******	-1.1867	-1.0994	-0.9675	-0.3658
1.000	-1.4361	-1.2805	-1.0349	-1.0432	-0.3579
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5170	0.4590	0.4277	*******	-0.5325
-0.400	0.5180	0.4669	0.4053	0.2022	-0.6055
-0.600	0.5274	0.4672	0.4014	0.2316	-0.5793
-0.700	0.5238	0.4654	0.4046	0.2471	-0.5429
-0.800	0.4968	*******	0.3974	0.2653	-0.4628
-0.850	*******	0.4419	0.3896	0.2671	-0.4455
-0.900	*******	0.3874	0.3575	0.2629	-0.3955
-0.950	0.2156	0.2401	0.2372	0.1937	-0.1353
-0.975	*******	0.0175	0.0552	0.0527	-0.0933
-1.000	-1.3867	-1.1761	-0.7977	-0.9428	-0.4715

Surface Pressures



Medium Radius L.E.

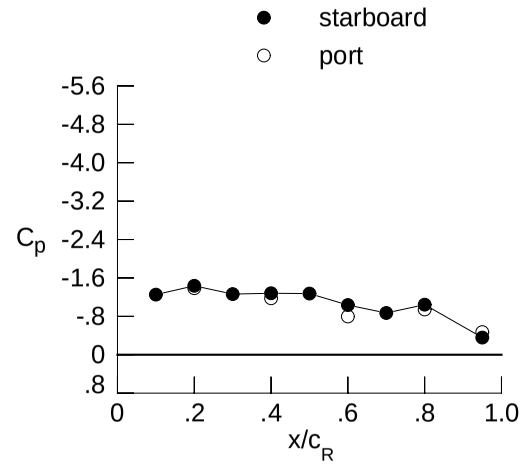
Run No. = 20 , Point No. = 406

C_N = 0.991, C_m = -0.1504

α = 20.9 °, M_∞ = 0.851

R_{mac} = 84.2×10^6

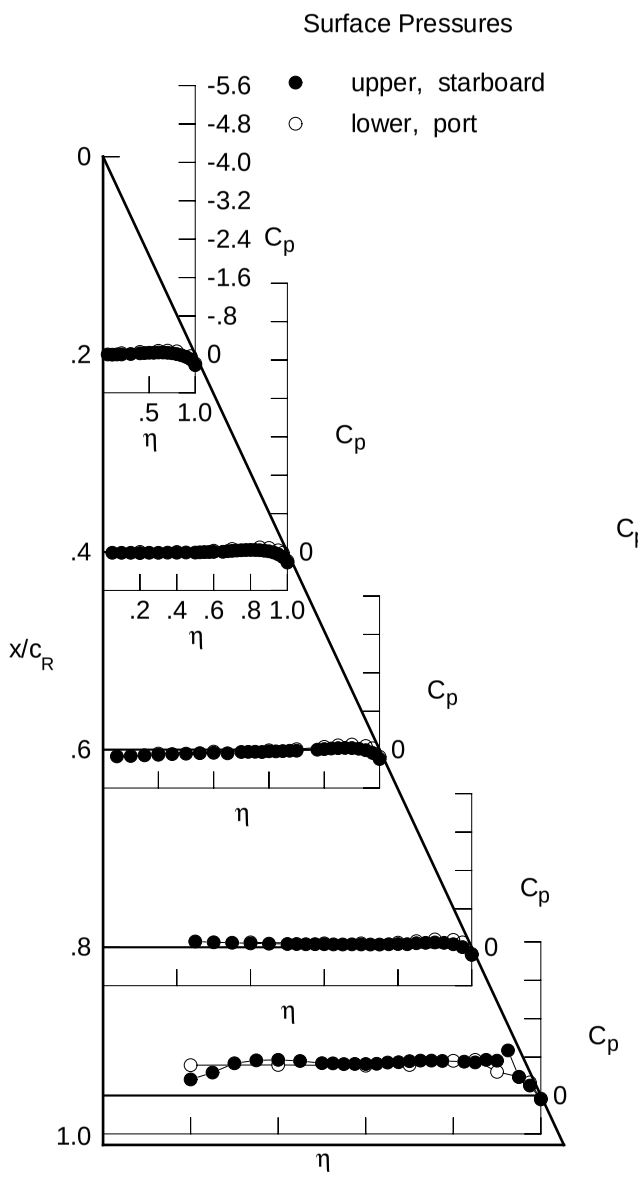
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.2519	*******
0.20	-1.4361	-1.3867
0.30	-1.2635	*******
0.40	-1.2805	-1.1761
0.50	-1.2740	*******
0.60	-1.0349	-0.7977
0.70	-0.8695	*******
0.80	-1.0432	-0.9428
0.90	*******	*******
0.95	-0.3579	-0.4715

Table E9. Tabulations and Plots of Surface Pressure Coefficients.

	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
η	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0015	0.0155	0.1405	*******	*******
0.100	0.0057	0.0161	0.1319	*******	*******
0.150	0.0017	0.0163	0.1185	*******	*******
0.200	0.0010	0.0215	0.1064	*******	-0.3341
0.250	*******	0.0155	0.0930	-0.1206	-0.4783
0.300	-0.0081	0.0157	0.0840	-0.1043	-0.6715
0.350	*******	0.0126	0.0737	-0.0946	-0.7321
0.400	-0.0228	0.0139	0.0658	-0.0820	-0.7432
0.450	-0.0280	0.0097	0.0763	-0.0753	-0.7193
0.500	-0.0342	0.0114	0.0488	-0.0691	-0.6733
0.525	*******	0.0058	0.0466	-0.0681	-0.6697
0.550	-0.0336	0.0007	0.0439	-0.0632	-0.6547
0.575	*******	-0.0002	0.0498	-0.0646	-0.6579
0.600	-0.0402	-0.0036	0.0345	-0.0637	-0.6559
0.625	*******	*******	0.0364	-0.0600	-0.6612
0.650	-0.0395	-0.0048	0.0307	-0.0582	-0.6862
0.675	*******	-0.0176	0.0232	-0.0606	-0.6934
0.700	-0.0338	-0.0246	0.0221	-0.0589	-0.7152
0.725	*******	-0.0313	*******	-0.0579	-0.7271
0.750	-0.0243	-0.0379	*******	-0.0571	-0.7270
0.775	*******	-0.0416	0.0004	-0.0635	-0.7197
0.800	-0.0058	-0.0443	-0.0116	-0.0674	*******
0.825	*******	-0.0424	-0.0228	-0.0640	-0.7048
0.850	0.0187	-0.0374	-0.0313	-0.0848	-0.6899
0.875	*******	-0.0272	-0.0364	-0.0932	-0.7434
0.900	0.0510	-0.0153	-0.0328	-0.1011	-0.7256
0.925	*******	0.0086	-0.0186	-0.0928	-0.9392
0.950	0.1017	0.0464	0.0120	-0.0632	-0.3852
0.975	*******	0.1040	0.0698	-0.0035	-0.2076
1.000	0.2241	0.2186	0.1950	0.1583	0.0805
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0247	-0.0026	0.0823	*******	-0.6318
-0.400	-0.0514	-0.0006	0.0415	-0.1023	-0.6366
-0.600	-0.0745	-0.0269	0.0140	-0.0818	-0.6216
-0.700	-0.0778	-0.0635	-0.0089	-0.0819	-0.6357
-0.800	-0.0634	*******	-0.0580	-0.0962	-0.7229
-0.850	*******	-0.0970	-0.0897	-0.1269	-0.7417
-0.900	*******	-0.0848	-0.1061	-0.1636	-0.4928
-0.950	0.0360	-0.0363	-0.0755	-0.1537	-0.3904
-0.975	*******	0.0153	-0.0277	-0.1014	-0.2732
-1.000	0.1912	0.1860	0.1483	0.1384	0.0649



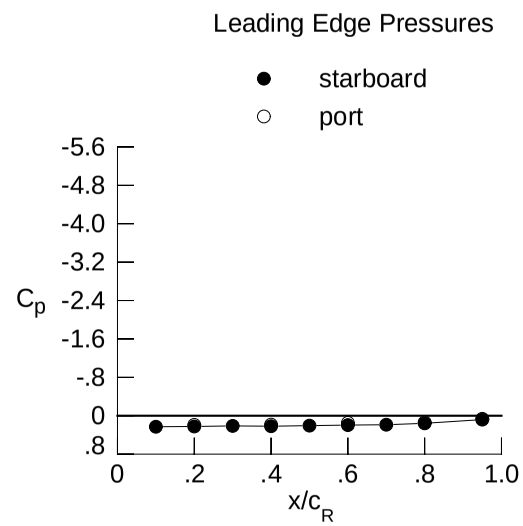
Medium Radius L.E.

Run No. = 15 , Point No. = 313

C_N = -0.028, C_m = 0.0043

α = -0.7 °, M_∞ = 0.850

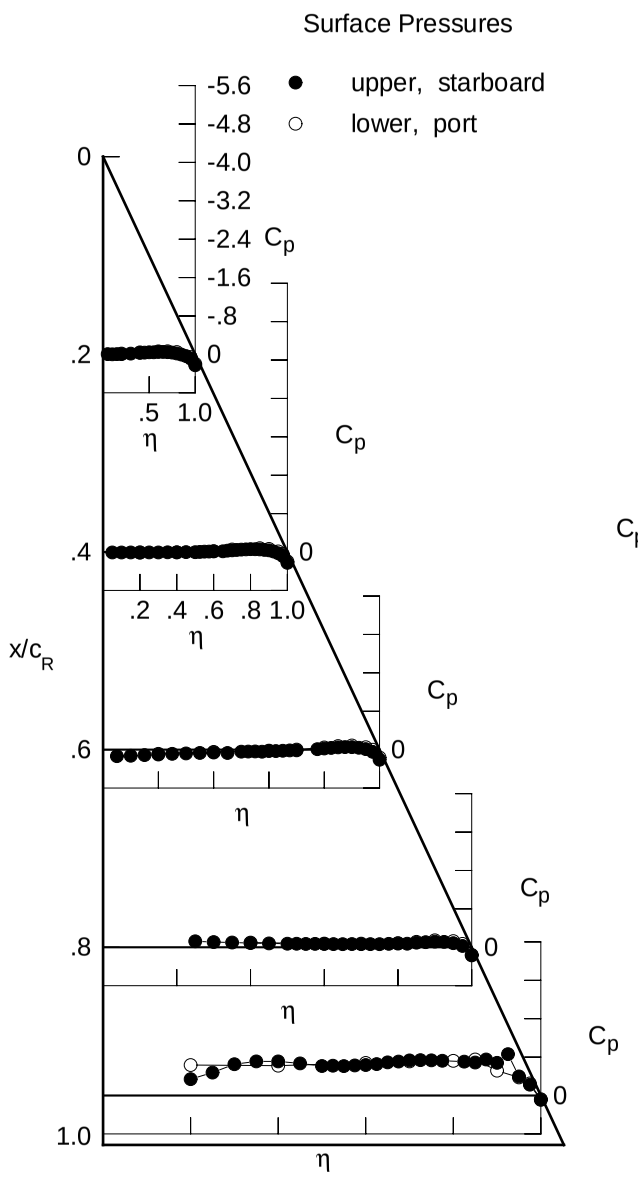
$R_{mac} = 96.9 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	0.2295	*******
0.20	0.2241	0.1912
0.30	0.2118	*******
0.40	0.2186	0.1860
0.50	0.2062	*******
0.60	0.1950	0.1483
0.70	0.1874	*******
0.80	0.1583	0.1384
0.90	*******	*******
0.95	0.0805	0.0649

Table E9. 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	0.0085	0.1358	*******	*******
0.100	-0.0013	0.0094	0.1269	*******	*******
0.150	-0.0054	0.0091	0.1133	*******	*******
0.200	-0.0056	0.0148	0.1012	*******	-0.3405
0.250	*******	0.0080	0.0874	-0.1244	-0.4776
0.300	-0.0159	0.0085	0.0790	-0.1089	-0.6521
0.350	*******	0.0057	0.0685	-0.0995	-0.7106
0.400	-0.0312	0.0066	0.0602	-0.0877	-0.7103
0.450	-0.0370	0.0019	0.0697	-0.0807	-0.6688
0.500	-0.0438	0.0036	0.0426	-0.0745	-0.6143
0.525	*******	-0.0024	0.0401	-0.0738	-0.6205
0.550	-0.0437	-0.0082	0.0376	-0.0693	-0.6125
0.575	*******	-0.0093	0.0435	-0.0709	-0.6268
0.600	-0.0510	-0.0129	0.0271	-0.0695	-0.6353
0.625	*******	*******	0.0292	-0.0668	-0.6543
0.650	-0.0511	-0.0149	0.0231	-0.0651	-0.6903
0.675	*******	-0.0285	0.0159	-0.0675	-0.7071
0.700	-0.0461	-0.0355	0.0141	-0.0659	-0.7310
0.725	*******	-0.0436	*******	-0.0654	-0.7370
0.750	-0.0376	-0.0504	*******	-0.0647	-0.7330
0.775	*******	-0.0554	-0.0098	-0.0718	-0.7243
0.800	-0.0192	-0.0597	-0.0238	-0.0769	*******
0.825	*******	-0.0582	-0.0362	-0.0741	-0.7059
0.850	0.0037	-0.0546	-0.0469	-0.0963	-0.6875
0.875	*******	-0.0448	-0.0531	-0.1068	-0.7506
0.900	0.0354	-0.0348	-0.0523	-0.1177	-0.6811
0.925	*******	-0.0116	-0.0391	-0.1128	-0.8613
0.950	0.0858	0.0252	-0.0111	-0.0855	-0.3974
0.975	*******	0.0821	0.0453	-0.0277	-0.2259
1.000	0.2266	0.2244	0.2107	0.1692	0.0902
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0172	0.0049	0.0870	*******	-0.6348
-0.400	-0.0427	0.0062	0.0468	-0.0977	-0.6217
-0.600	-0.0635	-0.0181	0.0210	-0.0772	-0.6783
-0.700	-0.0645	-0.0530	-0.0012	-0.0759	-0.7106
-0.800	-0.0485	*******	-0.0454	-0.0871	-0.7227
-0.850	*******	-0.0801	-0.0744	-0.1137	-0.7503
-0.900	*******	-0.0649	-0.0863	-0.1454	-0.5172
-0.950	0.0551	-0.0130	-0.0500	-0.1284	-0.3765
-0.975	*******	0.0415	0.0015	-0.0711	-0.2522
-1.000	0.1967	0.1963	0.1639	0.1579	0.0770



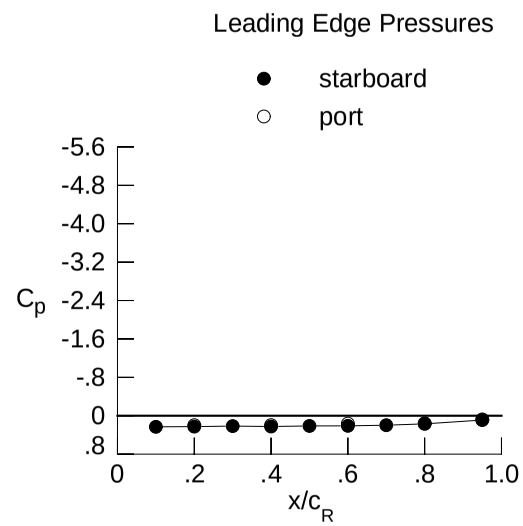
Medium Radius L.E.

Run No. = 15 , Point No. = 314

C_N = -0.012, C_m = 0.0011

α = -0.4 °, M_∞ = 0.849

R_{mac} = 96.3×10^6

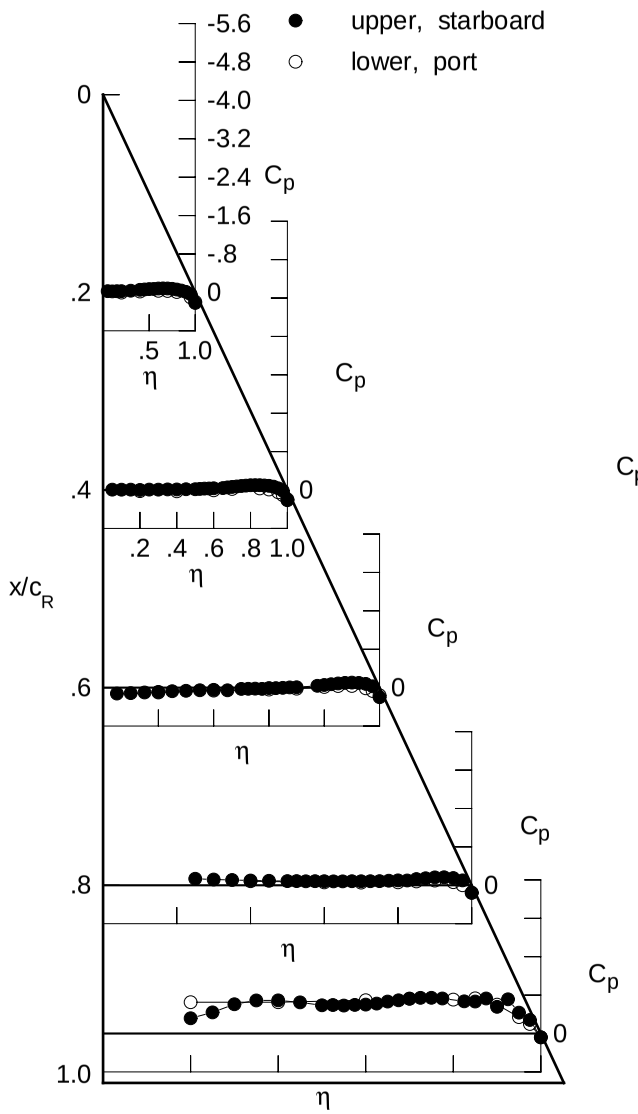


x/c_R	starb'd C_p	port C_p
0.10	0.2311	*******
0.20	0.2266	0.1967
0.30	0.2158	*******
0.40	0.2244	0.1963
0.50	0.2126	*******
0.60	0.2107	0.1639
0.70	0.1975	*******
0.80	0.1692	0.1579
0.90	*******	*******
0.95	0.0902	0.0770

Table E9. 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	-0.0257	-0.0077	0.1236	*******	*******
0.100	-0.0208	-0.0070	0.1145	*******	*******
0.150	-0.0252	-0.0080	0.1008	*******	*******
0.200	-0.0256	-0.0018	0.0891	*******	-0.3174
0.250	*******	-0.0090	0.0746	-0.1358	-0.4397
0.300	-0.0352	-0.0084	0.0658	-0.1201	-0.6099
0.350	*******	-0.0125	0.0546	-0.1108	-0.6890
0.400	-0.0535	-0.0122	0.0459	-0.0994	-0.6901
0.450	-0.0611	-0.0172	0.0549	-0.0939	-0.6486
0.500	-0.0689	-0.0165	0.0267	-0.0873	-0.5877
0.525	*******	-0.0232	0.0238	-0.0874	-0.5937
0.550	-0.0711	-0.0300	0.0207	-0.0828	-0.5823
0.575	*******	-0.0320	0.0259	-0.0858	-0.5957
0.600	-0.0805	-0.0371	0.0089	-0.0845	-0.6021
0.625	*******	*******	0.0104	-0.0818	-0.6235
0.650	-0.0834	-0.0407	0.0038	-0.0814	-0.6658
0.675	*******	-0.0550	-0.0052	-0.0847	-0.6921
0.700	-0.0813	-0.0649	-0.0078	-0.0842	-0.7270
0.725	*******	-0.0746	*******	-0.0848	-0.7433
0.750	-0.0746	-0.0843	*******	-0.0861	-0.7439
0.775	*******	-0.0922	-0.0382	-0.0952	-0.7299
0.800	-0.0590	-0.0996	-0.0548	-0.1024	*******
0.825	*******	-0.1016	-0.0716	-0.1004	-0.6705
0.850	-0.0387	-0.1011	-0.0874	-0.1292	-0.6663
0.875	*******	-0.0954	-0.0995	-0.1463	-0.7292
0.900	-0.0102	-0.0882	-0.1048	-0.1647	-0.5558
0.925	*******	-0.0703	-0.0982	-0.1674	-0.7125
0.950	0.0369	-0.0363	-0.0781	-0.1509	-0.4348
0.975	*******	0.0145	-0.0280	-0.1024	-0.2820
1.000	0.2197	0.2121	0.1995	0.1526	0.0797
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0040	0.0234	0.1012	*******	-0.6517
-0.400	-0.0187	0.0268	0.0618	-0.0846	-0.6520
-0.600	-0.0327	0.0057	0.0399	-0.0610	-0.6934
-0.700	-0.0295	-0.0225	0.0217	-0.0563	-0.7236
-0.800	-0.0079	*******	-0.0141	-0.0613	-0.7065
-0.850	*******	-0.0336	-0.0339	-0.0808	-0.7329
-0.900	*******	-0.0116	-0.0351	-0.0988	-0.6019
-0.950	0.1032	0.0464	0.0133	-0.0652	-0.3412
-0.975	*******	0.1059	0.0707	-0.0004	-0.1985
-1.000	0.1953	0.1936	0.1589	0.1582	0.0787

Surface Pressures



Medium Radius L.E.

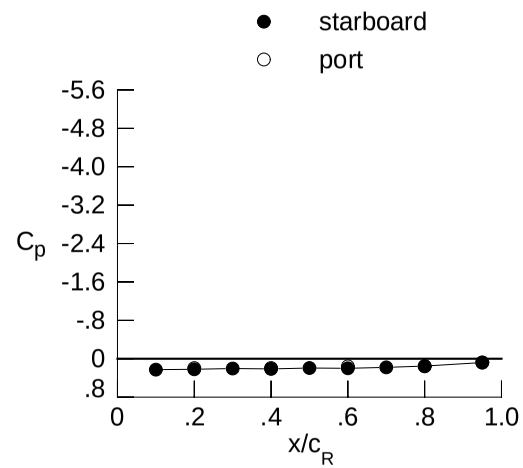
Run No. = 15 , Point No. = 315

C_N = 0.029, C_m = -0.0048

α = 0.7 °, M_∞ = 0.849

R_{mac} = 96.1×10^6

Leading Edge Pressures

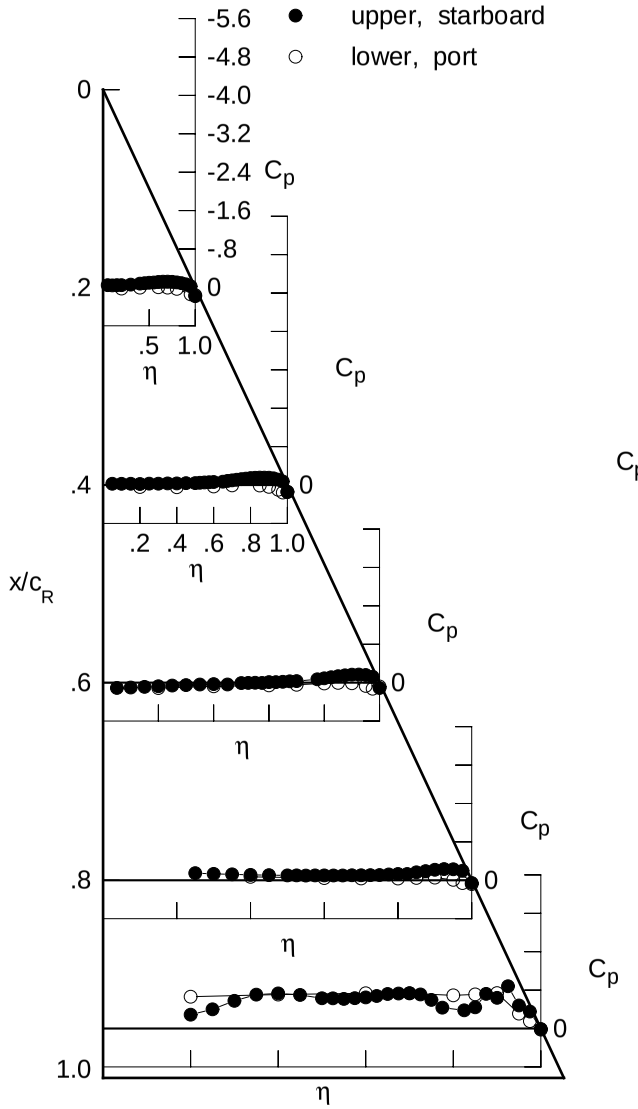


x/c_R	starb'd C_p	port C_p
0.10	0.2275	*******
0.20	0.2197	0.1953
0.30	0.2040	*******
0.40	0.2121	0.1936
0.50	0.1938	*******
0.60	0.1995	0.1589
0.70	0.1802	*******
0.80	0.1526	0.1582
0.90	*******	*******
0.95	0.0797	0.0787

Table E9. 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	-0.0463	-0.0262	0.1105	*******	*******
0.100	-0.0412	-0.0258	0.1016	*******	*******
0.150	-0.0460	-0.0267	0.0879	*******	*******
0.200	-0.0465	-0.0215	0.0753	*******	-0.2880
0.250	*******	-0.0286	0.0605	-0.1485	-0.4002
0.300	-0.0575	-0.0284	0.0515	-0.1335	-0.5772
0.350	*******	-0.0338	0.0393	-0.1242	-0.7054
0.400	-0.0781	-0.0332	0.0301	-0.1127	-0.7314
0.450	-0.0871	-0.0395	0.0383	-0.1070	-0.6991
0.500	-0.0971	-0.0397	0.0091	-0.1019	-0.6301
0.525	*******	-0.0473	0.0059	-0.1026	-0.6291
0.550	-0.1015	-0.0534	0.0023	-0.0986	-0.6171
0.575	*******	-0.0582	0.0065	-0.1014	-0.6321
0.600	-0.1128	-0.0634	-0.0110	-0.1017	-0.6482
0.625	*******	*******	-0.0106	-0.0998	-0.6780
0.650	-0.1192	-0.0692	-0.0176	-0.0998	-0.7193
0.675	*******	-0.0855	-0.0284	-0.1047	-0.7284
0.700	-0.1196	-0.0978	-0.0321	-0.1048	-0.7364
0.725	*******	-0.1103	*******	-0.1069	-0.7096
0.750	-0.1162	-0.1227	*******	-0.1097	-0.5957
0.775	*******	-0.1337	-0.0694	-0.1213	-0.4347
0.800	-0.1043	-0.1451	-0.0908	-0.1313	*******
0.825	*******	-0.1513	-0.1126	-0.1313	-0.3790
0.850	-0.0878	-0.1551	-0.1343	-0.1661	-0.4415
0.875	*******	-0.1546	-0.1531	-0.1909	-0.7214
0.900	-0.0638	-0.1527	-0.1667	-0.2189	-0.6392
0.925	*******	-0.1402	-0.1688	-0.2333	-0.8812
0.950	-0.0236	-0.1126	-0.1592	-0.2294	-0.4799
0.975	*******	-0.0742	-0.1222	-0.1980	-0.3526
1.000	0.1834	0.1475	0.1111	0.0563	0.0107
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0241	0.0411	0.1131	*******	-0.6628
-0.400	0.0045	0.0455	0.0764	-0.0717	-0.7073
-0.600	-0.0032	0.0294	0.0571	-0.0462	-0.7342
-0.700	0.0044	0.0068	0.0444	-0.0383	-0.7321
-0.800	0.0307	*******	0.0164	-0.0369	-0.6909
-0.850	*******	0.0100	0.0049	-0.0495	-0.7102
-0.900	*******	0.0375	0.0127	-0.0558	-0.7374
-0.950	0.1441	0.0976	0.0681	-0.0094	-0.3103
-0.975	*******	0.1557	0.1260	0.0575	-0.1535
-1.000	0.1615	0.1385	0.0800	0.0796	0.0235

Surface Pressures



Medium Radius L.E.

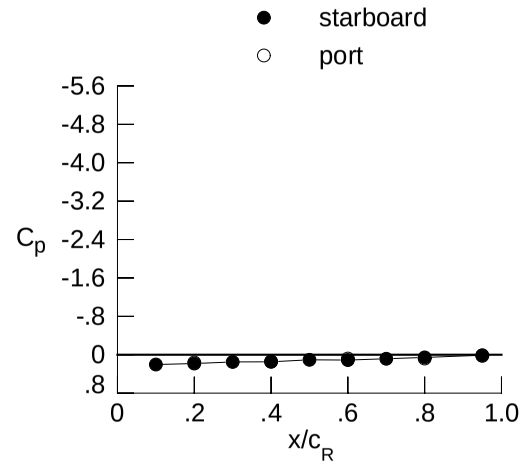
Run No. = 15 , Point No. = 316

C_N = 0.072, C_m = -0.0117

α = 1.8 °, M_∞ = 0.849

R_{mac} = 96.0×10^6

Leading Edge Pressures

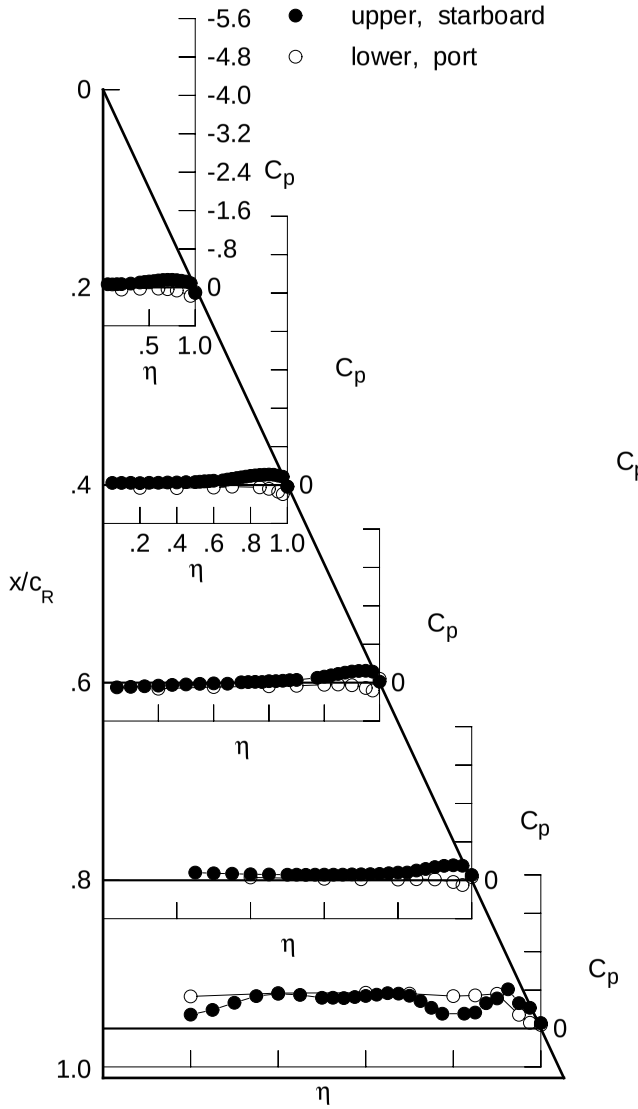


x/c_R	starb'd C_p	port C_p
0.10	0.2043	*******
0.20	0.1834	0.1615
0.30	0.1501	*******
0.40	0.1475	0.1385
0.50	0.1058	*******
0.60	0.1111	0.0800
0.70	0.0839	*******
0.80	0.0563	0.0796
0.90	*******	*******
0.95	0.0107	0.0235

Table E9. 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	-0.0657	-0.0441	0.0981	*******	*******
0.100	-0.0617	-0.0438	0.0883	*******	*******
0.150	-0.0660	-0.0453	0.0750	*******	*******
0.200	-0.0676	-0.0403	0.0621	*******	-0.2886
0.250	*******	-0.0467	0.0472	-0.1610	-0.3874
0.300	-0.0789	-0.0476	0.0378	-0.1455	-0.5358
0.350	*******	-0.0527	0.0245	-0.1366	-0.6753
0.400	-0.1016	-0.0533	0.0154	-0.1254	-0.7231
0.450	-0.1121	-0.0601	0.0220	-0.1209	-0.7001
0.500	-0.1236	-0.0618	-0.0076	-0.1161	-0.6398
0.525	*******	-0.0696	-0.0118	-0.1169	-0.6409
0.550	-0.1307	-0.0785	-0.0160	-0.1134	-0.6340
0.575	*******	-0.0820	-0.0127	-0.1168	-0.6561
0.600	-0.1444	-0.0894	-0.0307	-0.1178	-0.6781
0.625	*******	*******	-0.0315	-0.1165	-0.7052
0.650	-0.1536	-0.0965	-0.0393	-0.1173	-0.7356
0.675	*******	-0.1143	-0.0514	-0.1234	-0.7262
0.700	-0.1576	-0.1290	-0.0571	-0.1249	-0.6825
0.725	*******	-0.1444	*******	-0.1284	-0.5721
0.750	-0.1579	-0.1598	*******	-0.1329	-0.4315
0.775	*******	-0.1750	-0.1008	-0.1469	-0.3078
0.800	-0.1502	-0.1901	-0.1256	-0.1601	*******
0.825	*******	-0.2009	-0.1527	-0.1620	-0.3086
0.850	-0.1387	-0.2098	-0.1810	-0.2034	-0.3317
0.875	*******	-0.2147	-0.2080	-0.2362	-0.5270
0.900	-0.1209	-0.2185	-0.2309	-0.2749	-0.6267
0.925	*******	-0.2142	-0.2432	-0.3009	-0.8171
0.950	-0.0890	-0.1952	-0.2469	-0.3131	-0.5283
0.975	*******	-0.1726	-0.2290	-0.3035	-0.4315
1.000	0.1167	0.0330	-0.0205	-0.1102	-0.1144
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0454	0.0589	0.1267	*******	-0.6684
-0.400	0.0280	0.0638	0.0919	-0.0593	-0.7380
-0.600	0.0252	0.0524	0.0753	-0.0313	-0.7447
-0.700	0.0366	0.0339	0.0655	-0.0216	-0.7261
-0.800	0.0657	*******	0.0439	-0.0155	-0.6753
-0.850	*******	0.0483	0.0387	-0.0221	-0.6892
-0.900	*******	0.0793	0.0537	-0.0184	-0.7232
-0.950	0.1767	0.1382	0.1115	0.0358	-0.2857
-0.975	*******	0.1893	0.1641	0.0985	-0.1201
-1.000	0.0966	0.0328	-0.0798	-0.0666	-0.0734

Surface Pressures



Medium Radius L.E.

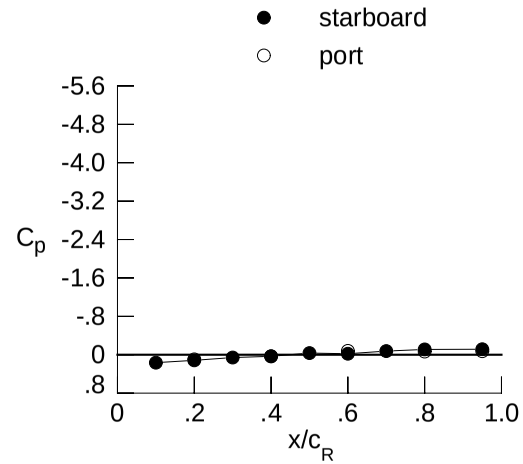
Run No. = 15 , Point No. = 317

C_N = 0.113, C_m = -0.0179

α = 2.9 °, M_∞ = 0.849

R_{mac} = 95.7×10^6

Leading Edge Pressures

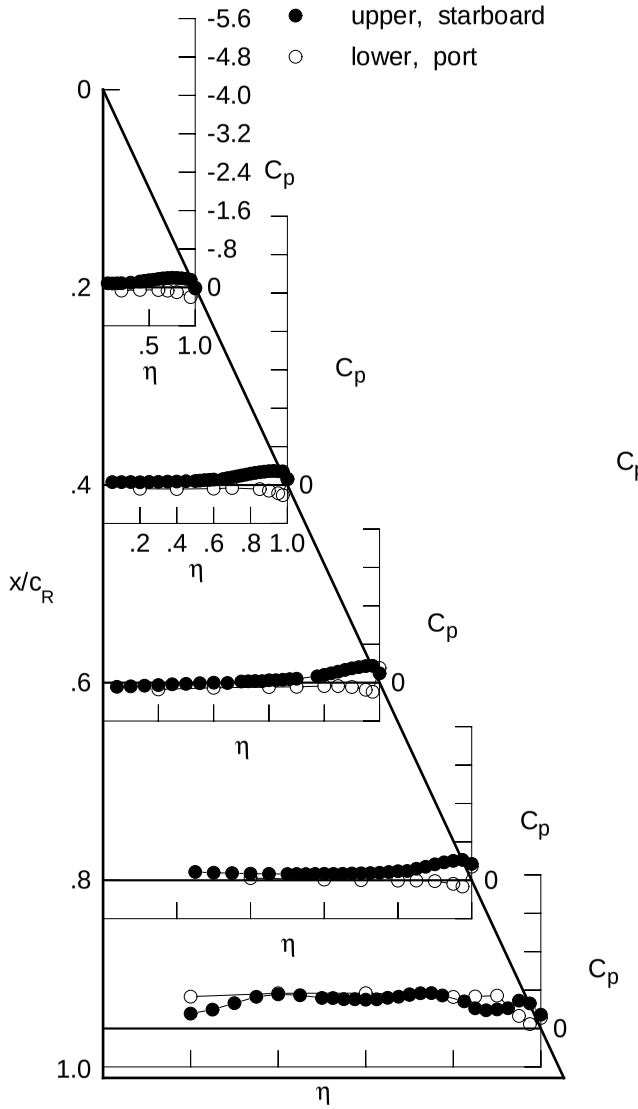


x/c_R	starb'd C_p	port C_p
0.10	0.1653	*******
0.20	0.1167	0.0966
0.30	0.0587	*******
0.40	0.0330	0.0328
0.50	-0.0346	*******
0.60	-0.0205	-0.0798
0.70	-0.0760	*******
0.80	-0.1102	-0.0666
0.90	*******	*******
0.95	-0.1144	-0.0734

Table E9. 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	-0.0847	-0.0609	0.0862	*******	*******
0.100	-0.0810	-0.0611	0.0769	*******	*******
0.150	-0.0851	-0.0621	0.0633	*******	*******
0.200	-0.0865	-0.0574	0.0500	*******	-0.3107
0.250	*******	-0.0640	0.0345	-0.1732	-0.3937
0.300	-0.0986	-0.0656	0.0250	-0.1573	-0.5276
0.350	*******	-0.0712	0.0117	-0.1494	-0.6606
0.400	-0.1235	-0.0724	0.0008	-0.1378	-0.7118
0.450	-0.1362	-0.0799	0.0073	-0.1340	-0.6929
0.500	-0.1496	-0.0831	-0.0234	-0.1296	-0.6372
0.525	*******	-0.0918	-0.0282	-0.1313	-0.6343
0.550	-0.1592	-0.1013	-0.0332	-0.1284	-0.6118
0.575	*******	-0.1067	-0.0303	-0.1323	-0.6099
0.600	-0.1751	-0.1144	-0.0493	-0.1341	-0.6008
0.625	*******	*******	-0.0507	-0.1329	-0.6081
0.650	-0.1876	-0.1233	-0.0601	-0.1348	-0.6401
0.675	*******	-0.1436	-0.0731	-0.1414	-0.6621
0.700	-0.1954	-0.1604	-0.0812	-0.1446	-0.7009
0.725	*******	-0.1789	*******	-0.1498	-0.7344
0.750	-0.1997	-0.1981	*******	-0.1563	-0.7375
0.775	*******	-0.2170	-0.1322	-0.1723	-0.6881
0.800	-0.1969	-0.2365	-0.1611	-0.1889	*******
0.825	*******	-0.2525	-0.1944	-0.1932	-0.5655
0.850	-0.1905	-0.2660	-0.2292	-0.2404	-0.4205
0.875	*******	-0.2781	-0.2651	-0.2820	-0.3798
0.900	-0.1799	-0.2890	-0.2984	-0.3325	-0.3973
0.925	*******	-0.2942	-0.3232	-0.3734	-0.4225
0.950	-0.1591	-0.2860	-0.3439	-0.4046	-0.5806
0.975	*******	-0.2849	-0.3500	-0.4247	-0.5223
1.000	0.0232	-0.1330	-0.1938	-0.3416	-0.2882
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0667	0.0774	0.1410	*******	-0.6642
-0.400	0.0519	0.0834	0.1072	-0.0454	-0.7343
-0.600	0.0541	0.0755	0.0929	-0.0154	-0.7357
-0.700	0.0681	0.0614	0.0867	-0.0033	-0.7132
-0.800	0.0994	*******	0.0715	0.0076	-0.6577
-0.850	*******	0.0852	0.0715	0.0053	-0.6673
-0.900	*******	0.1176	0.0909	0.0167	-0.6856
-0.950	0.2026	0.1716	0.1479	0.0745	-0.2620
-0.975	*******	0.2108	0.1904	0.1296	-0.0918
-1.000	0.0036	-0.1176	-0.3051	-0.2844	-0.2210

Surface Pressures



Medium Radius L.E.

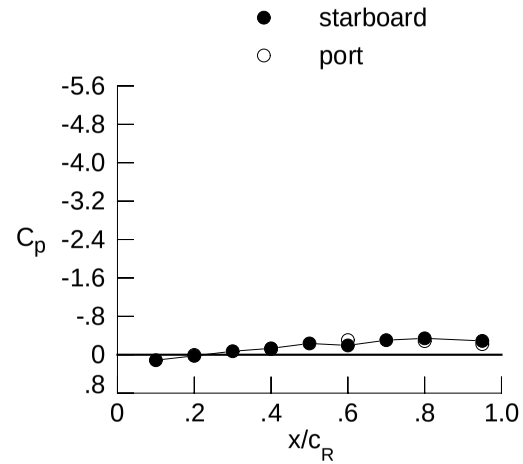
Run No. = 15 , Point No. = 318

C_N = 0.156, C_m = -0.0258

α = 3.9 °, M_∞ = 0.849

$R_{mac} = 95.6 \times 10^6$

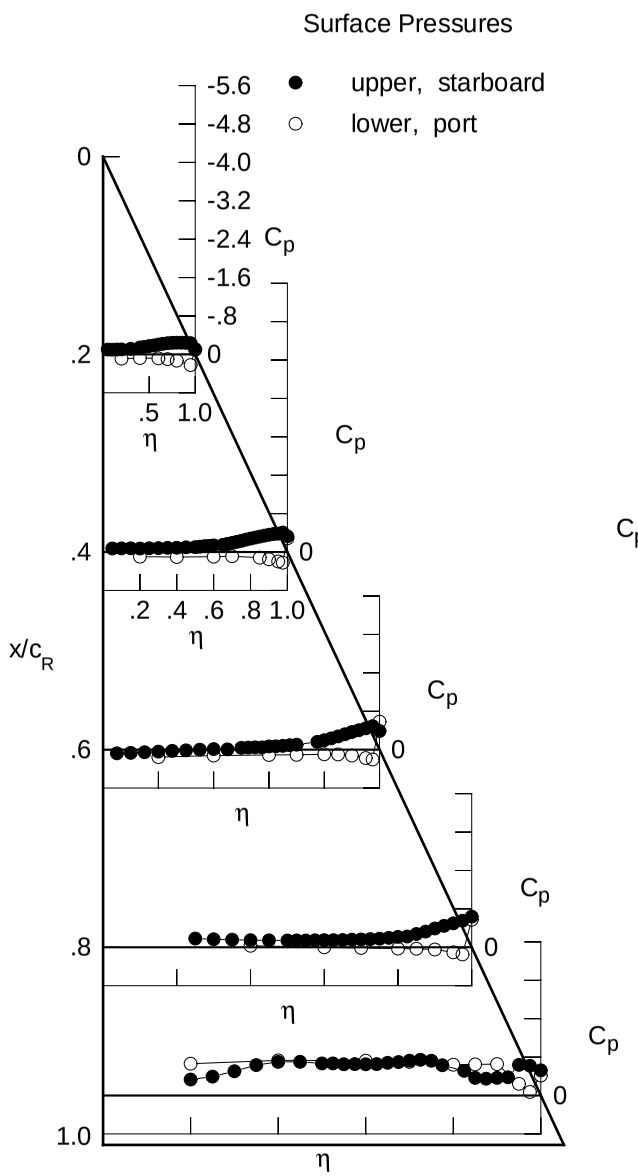
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1140	*******
0.20	0.0232	0.0036
0.30	-0.0726	*******
0.40	-0.1330	-0.1176
0.50	-0.2348	*******
0.60	-0.1938	-0.3051
0.70	-0.3032	*******
0.80	-0.3416	-0.2844
0.90	*******	*******
0.95	-0.2882	-0.2210

Table E9. 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	-0.1009	-0.0748	0.0769	*******	*******
0.100	-0.0979	-0.0759	0.0675	*******	*******
0.150	-0.1023	-0.0775	0.0536	*******	*******
0.200	-0.1040	-0.0725	0.0406	*******	-0.3327
0.250	*******	-0.0795	0.0247	-0.1825	-0.3938
0.300	-0.1160	-0.0815	0.0142	-0.1675	-0.5058
0.350	*******	-0.0880	0.0001	-0.1591	-0.6339
0.400	-0.1442	-0.0896	-0.0113	-0.1483	-0.7008
0.450	-0.1579	-0.0984	-0.0058	-0.1446	-0.7021
0.500	-0.1738	-0.1019	-0.0378	-0.1417	-0.6678
0.525	*******	-0.1124	-0.0431	-0.1433	-0.6684
0.550	-0.1858	-0.1225	-0.0486	-0.1410	-0.6515
0.575	*******	-0.1286	-0.0462	-0.1456	-0.6543
0.600	-0.2049	-0.1377	-0.0672	-0.1484	-0.6508
0.625	*******	*******	-0.0692	-0.1481	-0.6547
0.650	-0.2210	-0.1486	-0.0790	-0.1511	-0.6819
0.675	*******	-0.1711	-0.0931	-0.1594	-0.6968
0.700	-0.2325	-0.1899	-0.1028	-0.1633	-0.7258
0.725	*******	-0.2122	*******	-0.1702	-0.7451
0.750	-0.2418	-0.2334	*******	-0.1788	-0.7243
0.775	*******	-0.2572	-0.1620	-0.1970	-0.6306
0.800	-0.2442	-0.2806	-0.1958	-0.2167	*******
0.825	*******	-0.3017	-0.2340	-0.2241	-0.5133
0.850	-0.2439	-0.3218	-0.2759	-0.2771	-0.3674
0.875	*******	-0.3412	-0.3208	-0.3270	-0.3508
0.900	-0.2417	-0.3603	-0.3673	-0.3911	-0.3678
0.925	*******	-0.3761	-0.4043	-0.4474	-0.3803
0.950	-0.2345	-0.3827	-0.4441	-0.4990	-0.6388
0.975	*******	-0.4060	-0.4891	-0.5540	-0.6201
1.000	-0.0953	-0.3284	-0.3882	-0.6390	-0.5247
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0888	0.0968	0.1558	*******	-0.6622
-0.400	0.0757	0.1041	0.1232	-0.0317	-0.7323
-0.600	0.0821	0.0975	0.1116	0.0000	-0.7258
-0.700	0.0979	0.0873	0.1078	0.0139	-0.7010
-0.800	0.1303	*******	0.0964	0.0282	-0.6419
-0.850	*******	0.1177	0.1003	0.0302	-0.6482
-0.900	*******	0.1502	0.1224	0.0467	-0.6545
-0.950	0.2226	0.1971	0.1749	0.1045	-0.2432
-0.975	*******	0.2213	0.2046	0.1485	-0.0739
-1.000	-0.1090	-0.2861	-0.5832	-0.5748	-0.4157



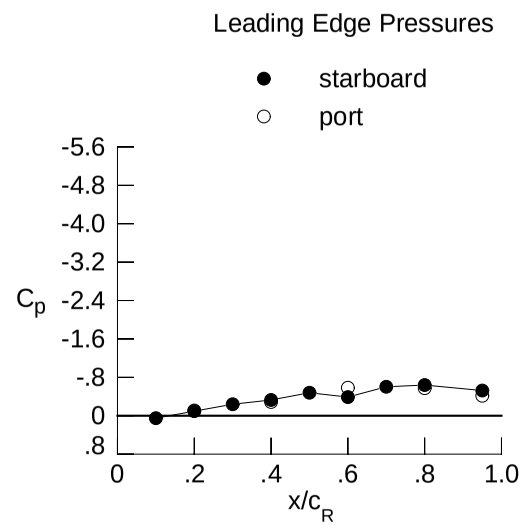
Medium Radius L.E.

Run No. = 15 , Point No. = 319

C_N = 0.196, C_m = -0.0319

α = 4.9 °, M_∞ = 0.849

$R_{mac} = 95.9 \times 10^6$

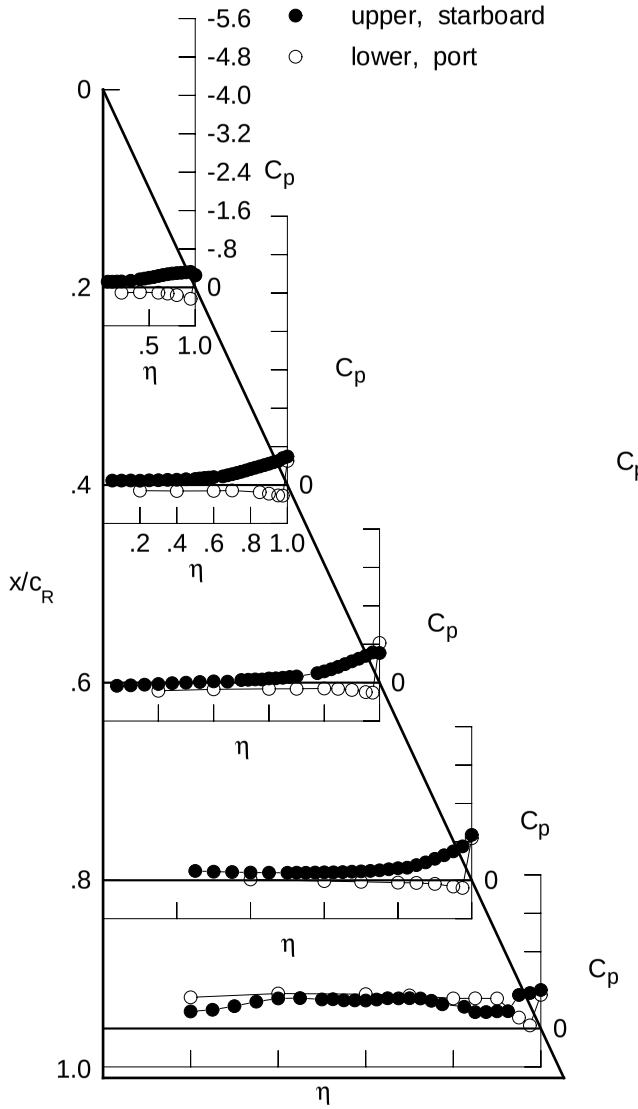


x/c_R	starb'd C_p	port C_p
0.10	0.0511	*******
0.20	-0.0953	-0.1090
0.30	-0.2393	*******
0.40	-0.3284	-0.2861
0.50	-0.4789	*******
0.60	-0.3882	-0.5832
0.70	-0.6033	*******
0.80	-0.6390	-0.5748
0.90	*******	*******
0.95	-0.5247	-0.4157

Table E9. 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	-0.1193	-0.0926	0.0652	*******	*******
0.100	-0.1173	-0.0931	0.0560	*******	*******
0.150	-0.1214	-0.0951	0.0422	*******	*******
0.200	-0.1239	-0.0905	0.0283	*******	-0.3554
0.250	*******	-0.0985	0.0113	-0.1947	-0.3907
0.300	-0.1376	-0.1009	0.0011	-0.1795	-0.4653
0.350	*******	-0.1081	-0.0138	-0.1717	-0.5595
0.400	-0.1679	-0.1100	-0.0263	-0.1611	-0.6261
0.450	-0.1832	-0.1206	-0.0210	-0.1583	-0.6336
0.500	-0.2011	-0.1254	-0.0544	-0.1559	-0.6058
0.525	*******	-0.1365	-0.0603	-0.1581	-0.6108
0.550	-0.2157	-0.1473	-0.0671	-0.1559	-0.5875
0.575	*******	-0.1550	-0.0655	-0.1613	-0.5854
0.600	-0.2379	-0.1647	-0.0873	-0.1655	-0.5831
0.625	*******	*******	-0.0904	-0.1660	-0.6031
0.650	-0.2580	-0.1797	-0.1016	-0.1700	-0.6304
0.675	*******	-0.2035	-0.1175	-0.1796	-0.6279
0.700	-0.2742	-0.2256	-0.1291	-0.1856	-0.6311
0.725	*******	-0.2499	*******	-0.1952	-0.6258
0.750	-0.2885	-0.2758	*******	-0.2077	-0.5775
0.775	*******	-0.3035	-0.1979	-0.2296	-0.5051
0.800	-0.2974	-0.3331	-0.2347	-0.2513	*******
0.825	*******	-0.3606	-0.2786	-0.2622	-0.4528
0.850	-0.3049	-0.3869	-0.3285	-0.3163	-0.3414
0.875	*******	-0.4151	-0.3854	-0.3728	-0.3422
0.900	-0.3133	-0.4442	-0.4437	-0.4477	-0.3584
0.925	*******	-0.4752	-0.4984	-0.5213	-0.3607
0.950	-0.3235	-0.4987	-0.5581	-0.6027	-0.6987
0.975	*******	-0.5614	-0.6297	-0.7066	-0.7394
1.000	-0.2490	-0.5946	-0.6180	-0.9459	-0.8022
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1115	0.1164	0.1699	*******	-0.6497
-0.400	0.1008	0.1243	0.1394	-0.0184	-0.7287
-0.600	0.1103	0.1216	0.1296	0.0167	-0.7151
-0.700	0.1288	0.1137	0.1280	0.0317	-0.6888
-0.800	0.1611	*******	0.1213	0.0484	-0.6267
-0.850	*******	0.1493	0.1288	0.0548	-0.6290
-0.900	*******	0.1799	0.1519	0.0751	-0.6255
-0.950	0.2379	0.2168	0.1966	0.1298	-0.2284
-0.975	*******	0.2210	0.2088	0.1585	-0.0648
-1.000	-0.2585	-0.5026	-0.8267	-0.8776	-0.7016

Surface Pressures



Medium Radius L.E.

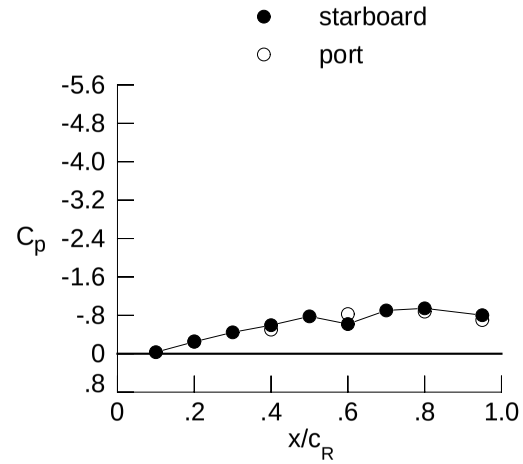
Run No. = 15 , Point No. = 320

C_N = 0.242, C_m = -0.0395

α = 6.0 °, M_∞ = 0.849

R_{mac} = 96.4×10^6

Leading Edge Pressures

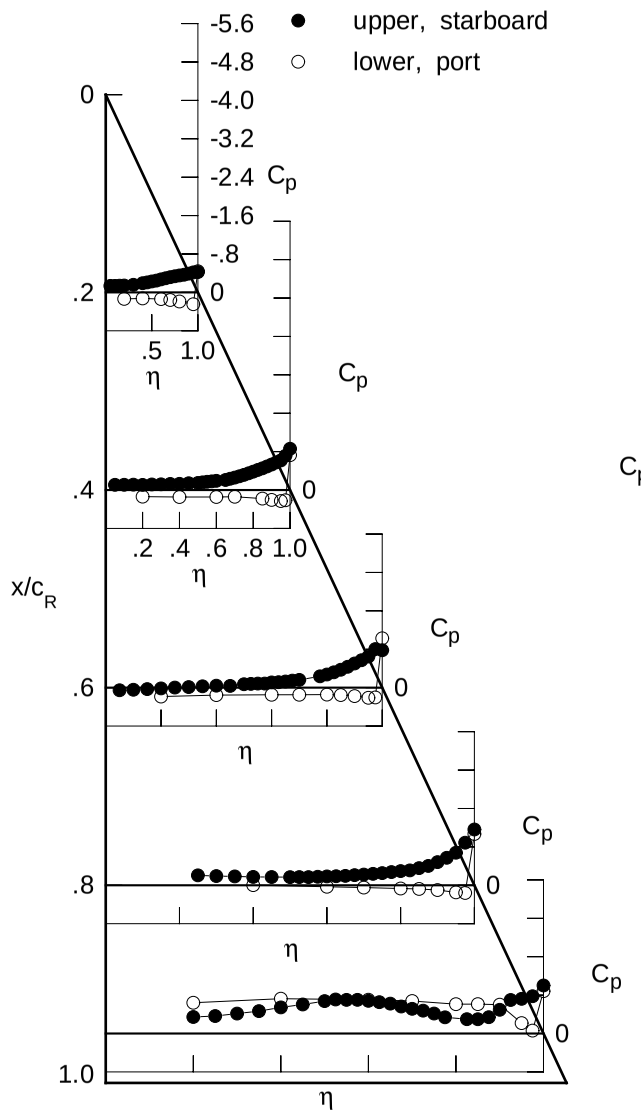


x/c_R	starb'd C_p	port C_p
0.10	-0.0320	*******
0.20	-0.2490	-0.2585
0.30	-0.4459	*******
0.40	-0.5946	-0.5026
0.50	-0.7786	*******
0.60	-0.6180	-0.8267
0.70	-0.9018	*******
0.80	-0.9459	-0.8776
0.90	*******	*******
0.95	-0.8022	-0.7016

Table E9. 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	-0.1087	0.0541	*******	*******
0.100	-0.1355	-0.1100	0.0440	*******	*******
0.150	-0.1402	-0.1124	0.0301	*******	*******
0.200	-0.1430	-0.1076	0.0158	*******	-0.3443
0.250	*******	-0.1162	-0.0016	-0.2069	-0.3640
0.300	-0.1583	-0.1194	-0.0122	-0.1919	-0.4151
0.350	*******	-0.1273	-0.0280	-0.1845	-0.4663
0.400	-0.1909	-0.1293	-0.0411	-0.1744	-0.5440
0.450	-0.2078	-0.1420	-0.0364	-0.1718	-0.6044
0.500	-0.2282	-0.1475	-0.0709	-0.1700	-0.6749
0.525	*******	-0.1603	-0.0781	-0.1715	-0.7090
0.550	-0.2457	-0.1723	-0.0846	-0.1702	-0.7005
0.575	*******	-0.1805	-0.0845	-0.1775	-0.7015
0.600	-0.2710	-0.1922	-0.1089	-0.1847	-0.6809
0.625	*******	*******	-0.1133	-0.1886	-0.6528
0.650	-0.2948	-0.2094	-0.1276	-0.1964	-0.6227
0.675	*******	-0.2349	-0.1462	-0.2110	-0.5621
0.700	-0.3165	-0.2592	-0.1618	-0.2233	-0.5144
0.725	*******	-0.2867	*******	-0.2382	-0.4756
0.750	-0.3363	-0.3159	*******	-0.2539	-0.4163
0.775	*******	-0.3491	-0.2357	-0.2752	-0.3380
0.800	-0.3527	-0.3826	-0.2735	-0.2960	*******
0.825	*******	-0.4180	-0.3195	-0.3101	-0.2987
0.850	-0.3681	-0.4522	-0.3725	-0.3575	-0.2976
0.875	*******	-0.4913	-0.4344	-0.4032	-0.3400
0.900	-0.3903	-0.5310	-0.5029	-0.4826	-0.4942
0.925	*******	-0.5755	-0.5710	-0.5727	-0.6987
0.950	-0.4170	-0.6167	-0.6480	-0.6784	-0.7225
0.975	*******	-0.7138	-0.8028	-0.8876	-0.7764
1.000	-0.4229	-0.8604	-0.7794	-1.1627	-1.0011
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1356	0.1372	0.1858	*******	-0.6412
-0.400	0.1257	0.1456	0.1555	-0.0031	-0.7253
-0.600	0.1388	0.1450	0.1484	0.0306	-0.7043
-0.700	0.1582	0.1398	0.1479	0.0475	-0.6771
-0.800	0.1896	*******	0.1445	0.0675	-0.6114
-0.850	*******	0.1782	0.1541	0.0763	-0.6120
-0.900	*******	0.2057	0.1764	0.0992	-0.6010
-0.950	0.2462	0.2298	0.2112	0.1476	-0.2169
-0.975	*******	0.2126	0.2042	0.1601	-0.0611
-1.000	-0.4406	-0.7262	-1.0277	-1.0685	-0.8823

Surface Pressures



Medium Radius L.E.

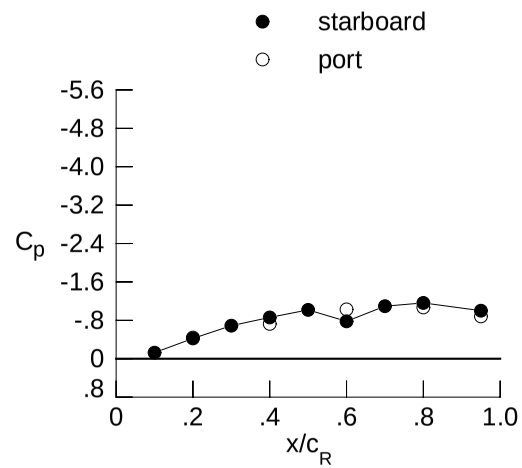
Run No. = 15 , Point No. = 321

C_N = 0.287, C_m = -0.0472

α = 7.1 °, M_∞ = 0.847

R_{mac} = 96.3×10^6

Leading Edge Pressures

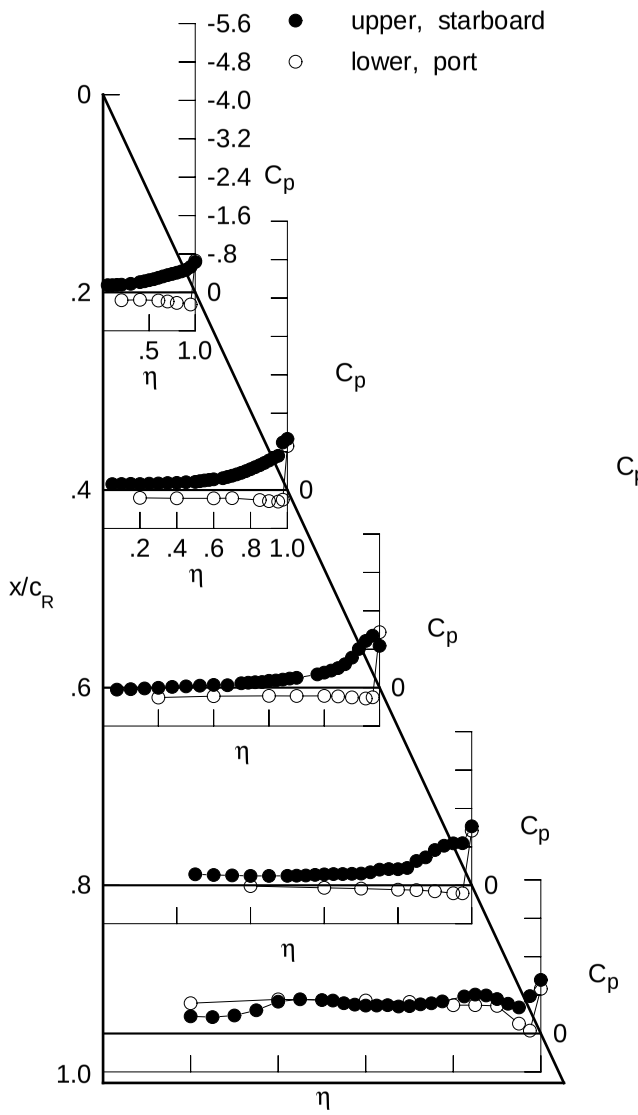


x/c_R	starb'd C_p	port C_p
0.10	-0.1266	*******
0.20	-0.4229	-0.4406
0.30	-0.6887	*******
0.40	-0.8604	-0.7262
0.50	-1.0174	*******
0.60	-0.7794	-1.0277
0.70	-1.0947	*******
0.80	-1.1627	-1.0685
0.90	*******	*******
0.95	-1.0011	-0.8823

Table E9. 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	-0.1501	-0.1229	0.0413	*******	*******
0.100	-0.1507	-0.1257	0.0317	*******	*******
0.150	-0.1564	-0.1284	0.0169	*******	*******
0.200	-0.1600	-0.1247	0.0030	*******	-0.3575
0.250	*******	-0.1328	-0.0149	-0.2291	-0.3416
0.300	-0.1781	-0.1366	-0.0263	-0.2145	-0.3750
0.350	*******	-0.1457	-0.0407	-0.2056	-0.4842
0.400	-0.2135	-0.1490	-0.0564	-0.1949	-0.6633
0.450	-0.2321	-0.1623	-0.0502	-0.1953	-0.7130
0.500	-0.2545	-0.1691	-0.0912	-0.1965	-0.6970
0.525	*******	-0.1847	-0.1022	-0.2003	-0.6860
0.550	-0.2751	-0.1994	-0.1131	-0.2043	-0.6315
0.575	*******	-0.2106	-0.1165	-0.2166	-0.6012
0.600	-0.3040	-0.2236	-0.1427	-0.2273	-0.5817
0.625	*******	*******	-0.1491	-0.2334	-0.5828
0.650	-0.3326	-0.2461	-0.1674	-0.2343	-0.5902
0.675	*******	-0.2726	-0.1890	-0.2389	-0.5627
0.700	-0.3598	-0.2977	-0.2045	-0.2438	-0.5701
0.725	*******	-0.3261	*******	-0.2716	-0.6078
0.750	-0.3849	-0.3585	*******	-0.3252	-0.6299
0.775	*******	-0.3947	-0.2761	-0.3374	-0.6686
0.800	-0.4097	-0.4347	-0.3130	-0.3356	*******
0.825	*******	-0.4758	-0.3551	-0.3611	-0.7718
0.850	-0.4377	-0.5175	-0.4070	-0.5065	-0.8112
0.875	*******	-0.5637	-0.4878	-0.5815	-0.7928
0.900	-0.4705	-0.6149	-0.6249	-0.7342	-0.7174
0.925	*******	-0.6708	-0.8053	-0.8242	-0.6197
0.950	-0.5321	-0.7132	-0.9726	-0.8738	-0.5433
0.975	*******	-0.9905	-1.0815	-0.8766	-0.7793
1.000	-0.6322	-1.0658	-0.8713	-1.2285	-1.1166
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1635	0.1630	0.2062	*******	-0.6313
-0.400	0.1543	0.1724	0.1777	0.0168	-0.7108
-0.600	0.1695	0.1732	0.1715	0.0530	-0.6874
-0.700	0.1899	0.1688	0.1739	0.0694	-0.6577
-0.800	0.2193	*******	0.1717	0.0920	-0.5896
-0.850	*******	0.2085	0.1822	0.1005	-0.5911
-0.900	*******	0.2315	0.2033	0.1246	-0.5753
-0.950	0.2520	0.2411	0.2267	0.1662	-0.2054
-0.975	*******	0.2013	0.2009	0.1660	-0.0600
-1.000	-0.6614	-0.9157	-1.1553	-1.1373	-0.9321

Surface Pressures



Medium Radius L.E.

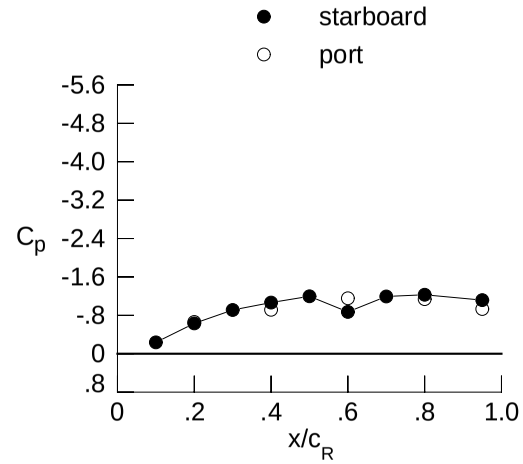
Run No. = 15 , Point No. = 322

C_N = 0.352, C_m = -0.0633

α = 8.2 °, M_∞ = 0.849

R_{mac} = 96.3×10^6

Leading Edge Pressures

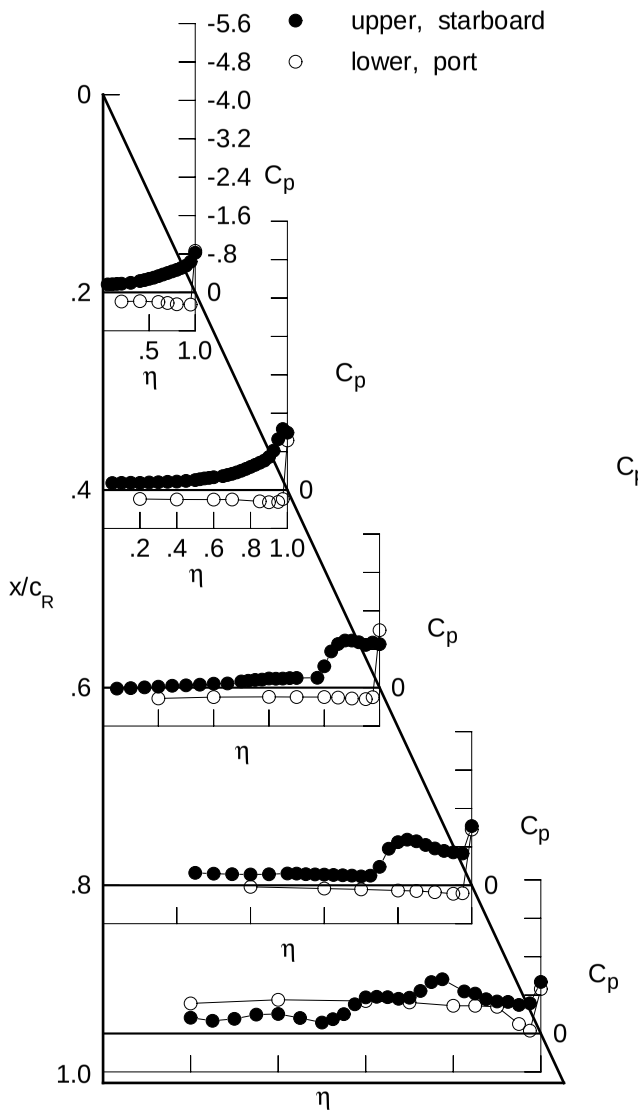


x/c_R	starb'd C_p	port C_p
0.10	-0.2371	*******
0.20	-0.6322	-0.6614
0.30	-0.9111	*******
0.40	-1.0658	-0.9157
0.50	-1.1967	*******
0.60	-0.8713	-1.1553
0.70	-1.1931	*******
0.80	-1.2285	-1.1373
0.90	*******	*******
0.95	-1.1166	-0.9321

Table E9. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1661	-0.1453	0.0203	*******	*******
0.100	-0.1699	-0.1488	0.0101	*******	*******
0.150	-0.1765	-0.1514	-0.0059	*******	*******
0.200	-0.1806	-0.1489	-0.0199	*******	-0.3291
0.250	*******	-0.1575	-0.0388	-0.2594	-0.2649
0.300	-0.1993	-0.1625	-0.0479	-0.2415	-0.3056
0.350	*******	-0.1709	-0.0620	-0.2309	-0.3939
0.400	-0.2365	-0.1763	-0.0823	-0.2250	-0.4073
0.450	-0.2572	-0.1905	-0.0871	-0.2298	-0.3230
0.500	-0.2823	-0.2071	-0.1285	-0.2457	-0.2280
0.525	*******	-0.2251	-0.1434	-0.2430	-0.2984
0.550	-0.3061	-0.2413	-0.1607	-0.2308	-0.4030
0.575	*******	-0.2530	-0.1674	-0.2263	-0.6087
0.600	-0.3385	-0.2665	-0.1904	-0.2222	-0.7532
0.625	*******	*******	-0.1853	-0.2153	-0.7647
0.650	-0.3718	-0.2896	-0.1887	-0.2085	-0.7566
0.675	*******	-0.3140	-0.1985	-0.2018	-0.7233
0.700	-0.4042	-0.3374	-0.2012	-0.1851	-0.7452
0.725	*******	-0.3672	*******	-0.1997	-0.8860
0.750	-0.4375	-0.4017	*******	-0.3837	-1.0710
0.775	*******	-0.4401	-0.2059	-0.7619	-1.1304
0.800	-0.4696	-0.4816	-0.4450	-0.8981	*******
0.825	*******	-0.5243	-0.7541	-0.9507	-0.8766
0.850	-0.5095	-0.5681	-0.9084	-0.9168	-0.8314
0.875	*******	-0.6132	-0.9818	-0.8402	-0.7147
0.900	-0.5566	-0.6875	-0.9808	-0.7672	-0.6668
0.925	*******	-0.8202	-0.9458	-0.7160	-0.6588
0.950	-0.6391	-1.0585	-0.8901	-0.6853	-0.5949
0.975	*******	-1.2703	-0.9393	-0.6620	-0.6300
1.000	-0.8254	-1.1954	-0.9057	-1.2334	-1.0747
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1903	0.1868	0.2252	*******	-0.6267
-0.400	0.1830	0.1969	0.1972	0.0328	-0.7027
-0.600	0.1998	0.1990	0.1923	0.0683	-0.6771
-0.700	0.2210	0.1973	0.1957	0.0858	-0.6477
-0.800	0.2475	*******	0.1963	0.1095	-0.5776
-0.850	*******	0.2361	0.2074	0.1192	-0.5775
-0.900	*******	0.2543	0.2263	0.1430	-0.5563
-0.950	0.2536	0.2486	0.2391	0.1769	-0.1975
-0.975	*******	0.1880	0.1992	0.1653	-0.0594
-1.000	-0.8647	-1.0337	-1.1966	-1.1609	-0.9271

Surface Pressures



Medium Radius L.E.

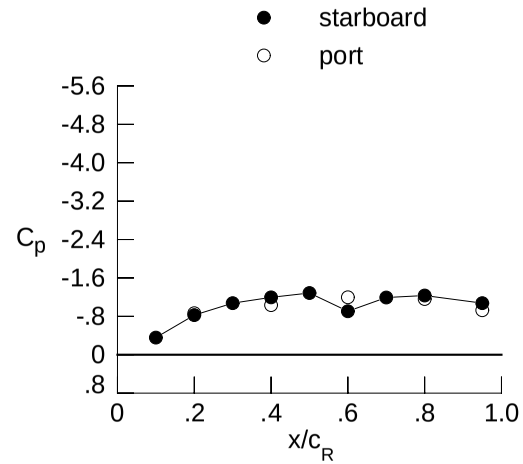
Run No. = 15 , Point No. = 323

C_N = 0.415, C_m = -0.0752

α = 9.2 °, M_∞ = 0.850

$R_{mac} = 96.2 \times 10^6$

Leading Edge Pressures

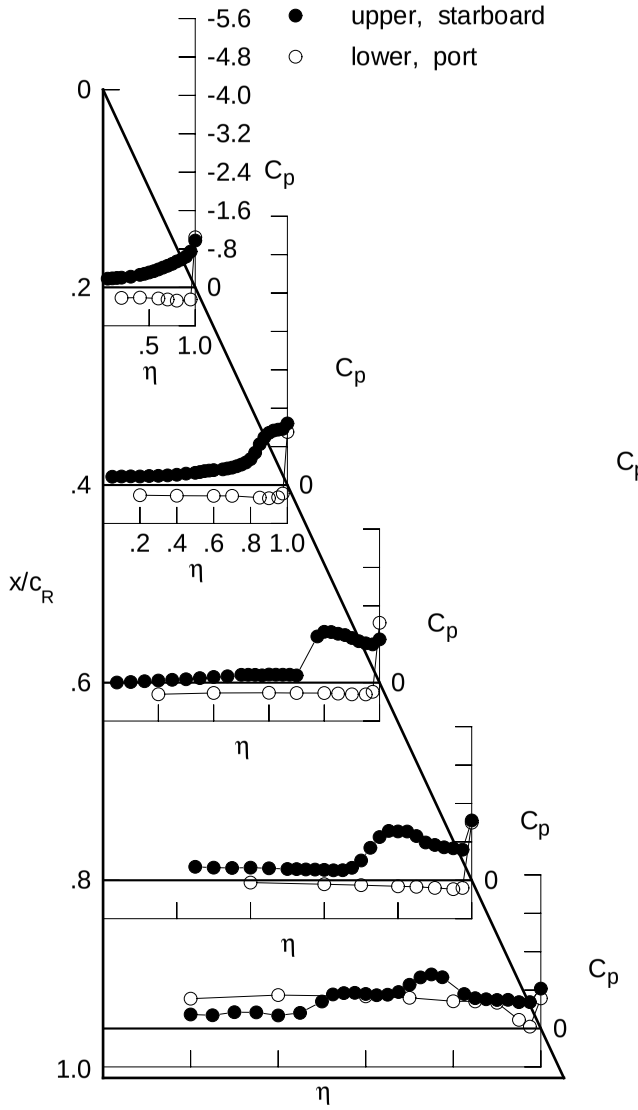


x/c_R	starb'd C_p	port C_p
0.10	-0.3570	*******
0.20	-0.8254	-0.8647
0.30	-1.0744	*******
0.40	-1.1954	-1.0337
0.50	-1.2860	*******
0.60	-0.9057	-1.1966
0.70	-1.1916	*******
0.80	-1.2334	-1.1609
0.90	*******	*******
0.95	-1.0747	-0.9271

Table E9. 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	-0.1819	-0.1731	-0.0022	*******	*******
0.100	-0.1883	-0.1777	-0.0129	*******	*******
0.150	-0.1971	-0.1804	-0.0295	*******	*******
0.200	-0.2020	-0.1788	-0.0441	*******	-0.2917
0.250	*******	-0.1883	-0.0591	-0.2807	-0.2757
0.300	-0.2226	-0.1921	-0.0701	-0.2633	-0.3399
0.350	*******	-0.2007	-0.0948	-0.2569	-0.3358
0.400	-0.2612	-0.2147	-0.1186	-0.2634	-0.2722
0.450	-0.2836	-0.2372	-0.1325	-0.2493	-0.3257
0.500	-0.3107	-0.2547	-0.1634	-0.2349	-0.5622
0.525	*******	-0.2707	-0.1638	-0.2325	-0.7099
0.550	-0.3378	-0.2893	-0.1621	-0.2253	-0.7373
0.575	*******	-0.3010	-0.1522	-0.2231	-0.7429
0.600	-0.3733	-0.3104	-0.1687	-0.2180	-0.7202
0.625	*******	*******	-0.1655	-0.2080	-0.6940
0.650	-0.4116	-0.3261	-0.1644	-0.2098	-0.7042
0.675	*******	-0.3449	-0.1650	-0.2602	-0.7604
0.700	-0.4499	-0.3627	-0.1507	-0.4121	-0.9109
0.725	*******	-0.3913	*******	-0.6768	-1.0644
0.750	-0.4903	-0.4260	*******	-0.9004	-1.1262
0.775	*******	-0.4692	-0.9624	-1.0288	-1.0681
0.800	-0.5401	-0.5389	-1.0593	-1.0174	*******
0.825	*******	-0.6733	-1.0545	-1.0160	-0.7186
0.850	-0.5812	-0.8511	-1.0186	-0.9216	-0.6324
0.875	*******	-0.9908	-0.9913	-0.7872	-0.6095
0.900	-0.6416	-1.0866	-0.9303	-0.7360	-0.5948
0.925	*******	-1.1346	-0.8634	-0.6869	-0.5973
0.950	-0.7469	-1.1538	-0.8192	-0.6667	-0.5498
0.975	*******	-1.1700	-0.7965	-0.6367	-0.5496
1.000	-0.9751	-1.2835	-0.9013	-1.2463	-0.8311
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2192	0.2122	0.2425	*******	-0.6212
-0.400	0.2127	0.2222	0.2155	0.0479	-0.6965
-0.600	0.2312	0.2259	0.2114	0.0826	-0.6704
-0.700	0.2519	0.2254	0.2164	0.1020	-0.6399
-0.800	0.2758	*******	0.2172	0.1254	-0.5674
-0.850	*******	0.2628	0.2278	0.1355	-0.5652
-0.900	*******	0.2753	0.2437	0.1587	-0.5364
-0.950	0.2524	0.2562	0.2446	0.1846	-0.1802
-0.975	*******	0.1768	0.1901	0.1594	-0.0390
-1.000	-1.0440	-1.1052	-1.2460	-1.2005	-0.6280

Surface Pressures



Medium Radius L.E.

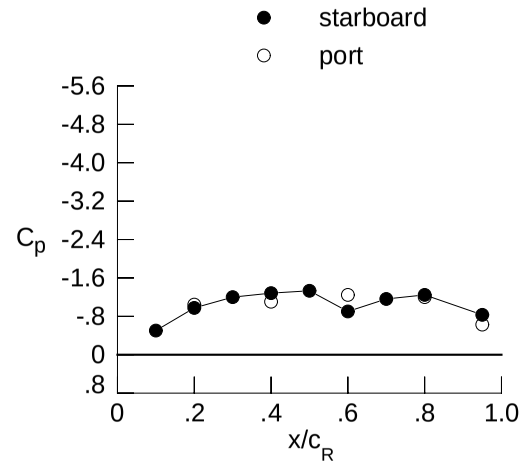
Run No. = 15 , Point No. = 324

C_N = 0.471, C_m = -0.0820

α = 10.3 °, M_∞ = 0.848

R_{mac} = 95.8×10^6

Leading Edge Pressures

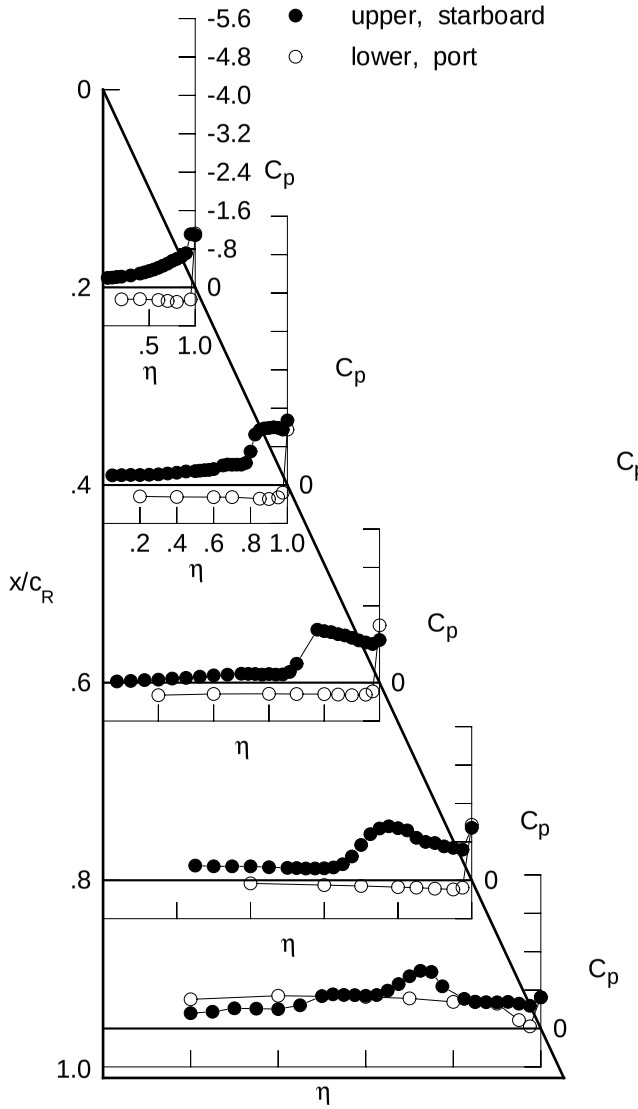


x/c_R	starb'd C_p	port C_p
0.10	-0.5029	*******
0.20	-0.9751	-1.0440
0.30	-1.1998	*******
0.40	-1.2835	-1.1052
0.50	-1.3322	*******
0.60	-0.9013	-1.2460
0.70	-1.1618	*******
0.80	-1.2463	-1.2005
0.90	*******	*******
0.95	-0.8311	-0.6280

Table E9. 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	-0.1986	-0.2019	-0.0245	*******	*******
0.100	-0.2037	-0.2055	-0.0360	*******	*******
0.150	-0.2178	-0.2101	-0.0537	*******	*******
0.200	-0.2237	-0.2089	-0.0625	*******	-0.3188
0.250	*******	-0.2144	-0.0846	-0.3062	-0.3498
0.300	-0.2477	-0.2226	-0.0995	-0.2910	-0.4204
0.350	*******	-0.2403	-0.1247	-0.2906	-0.4137
0.400	-0.2881	-0.2571	-0.1515	-0.2902	-0.4045
0.450	-0.3126	-0.2821	-0.1663	-0.2722	-0.4841
0.500	-0.3415	-0.2900	-0.1856	-0.2581	-0.6753
0.525	*******	-0.2990	-0.1834	-0.2547	-0.7119
0.550	-0.3710	-0.3086	-0.1798	-0.2459	-0.6991
0.575	*******	-0.3154	-0.1660	-0.2459	-0.6956
0.600	-0.4085	-0.3322	-0.1792	-0.2496	-0.6818
0.625	*******	*******	-0.1670	-0.2673	-0.6979
0.650	-0.4513	-0.4074	-0.1715	-0.3341	-0.7890
0.675	*******	-0.4275	-0.2243	-0.4960	-0.9259
0.700	-0.4954	-0.4230	-0.3936	-0.7362	-1.0892
0.725	*******	-0.4247	*******	-0.9605	-1.2014
0.750	-0.5512	-0.4248	*******	-1.0795	-1.1780
0.775	*******	-0.4618	-1.1033	-1.1246	-0.8790
0.800	-0.5934	-0.6977	-1.0727	-1.0857	*******
0.825	*******	-1.0522	-1.0520	-1.0394	-0.6173
0.850	-0.6389	-1.1473	-1.0096	-0.8849	-0.5595
0.875	*******	-1.1800	-0.9825	-0.7996	-0.5482
0.900	-0.7122	-1.1892	-0.9355	-0.7760	-0.5458
0.925	*******	-1.2033	-0.8801	-0.7061	-0.5555
0.950	-1.1075	-1.1913	-0.8368	-0.6760	-0.5174
0.975	*******	-1.1549	-0.8049	-0.6372	-0.4734
1.000	-1.0883	-1.3467	-0.8876	-1.0934	-0.6491
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2493	0.2376	0.2620	*******	-0.6077
-0.400	0.2441	0.2479	0.2359	0.0647	-0.6826
-0.600	0.2635	0.2518	0.2327	0.0997	-0.6584
-0.700	0.2824	0.2520	0.2376	0.1187	-0.6272
-0.800	0.3028	*******	0.2390	0.1426	-0.5542
-0.850	*******	0.2850	0.2490	0.1530	-0.5501
-0.900	*******	0.2914	0.2614	0.1745	-0.5175
-0.950	0.2509	0.2574	0.2501	0.1911	-0.1748
-0.975	*******	0.1585	0.1813	0.1532	-0.0450
-1.000	-1.1217	-1.1552	-1.1938	-1.1545	-0.6506

Surface Pressures



Medium Radius L.E.

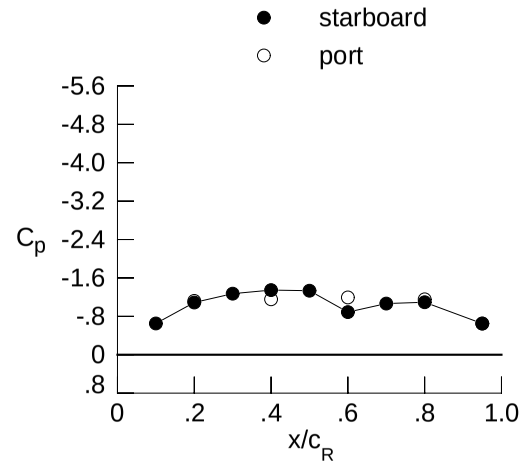
Run No. = 15 , Point No. = 325

C_N = 0.534, C_m = -0.0931

α = 11.4 °, M_∞ = 0.849

R_{mac} = 95.8×10^6

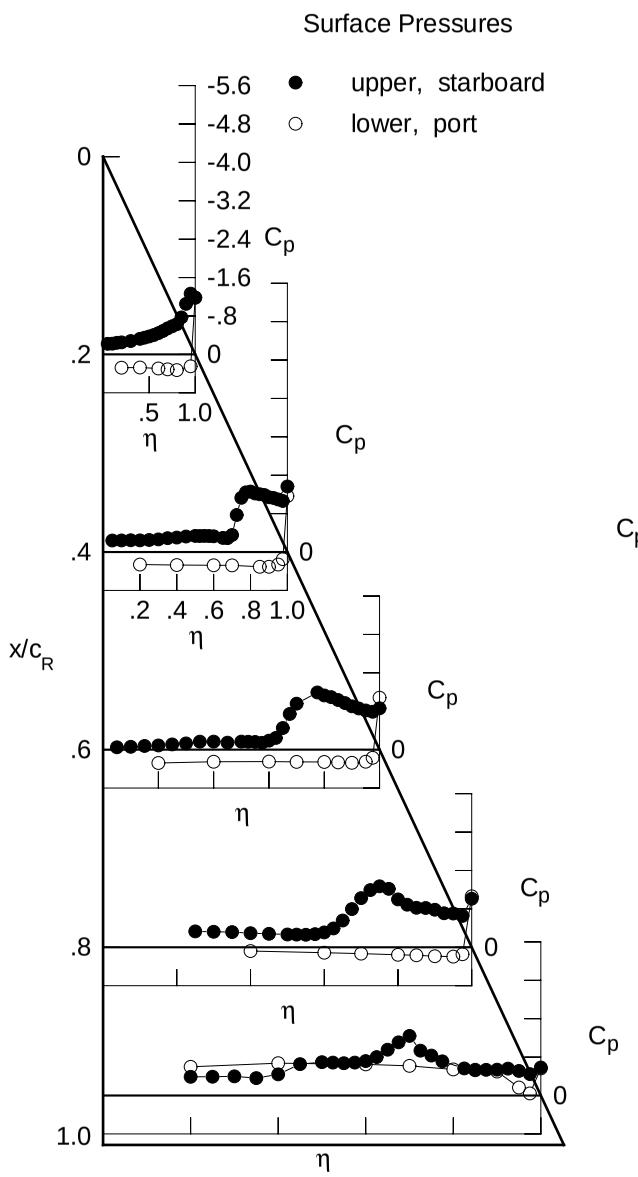
Leading Edge Pressures



x/c_R	starb'd Cp	port Cp
0.10	-0.6513	*******
0.20	-1.0883	-1.1217
0.30	-1.2721	*******
0.40	-1.3467	-1.1552
0.50	-1.3339	*******
0.60	-0.8876	-1.1938
0.70	-1.0660	*******
0.80	-1.0934	-1.1545
0.90	*******	*******
0.95	-0.6491	-0.6506

Table E9. 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	-0.2204	-0.2403	-0.0485	*******	*******
0.100	-0.2232	-0.2417	-0.0591	*******	*******
0.150	-0.2417	-0.2459	-0.0765	*******	*******
0.200	-0.2504	-0.2435	-0.0869	*******	-0.3893
0.250	*******	-0.2515	-0.1085	-0.3313	-0.3914
0.300	-0.2782	-0.2630	-0.1298	-0.3228	-0.3992
0.350	*******	-0.2885	-0.1666	-0.3169	-0.3621
0.400	-0.3240	-0.3013	-0.1672	-0.2935	-0.4411
0.450	-0.3479	-0.3231	-0.1459	-0.2808	-0.6533
0.500	-0.3735	-0.3360	-0.1669	-0.2667	-0.6948
0.525	*******	-0.3340	-0.1644	-0.2639	-0.6858
0.550	-0.4032	-0.3360	-0.1601	-0.2606	-0.6730
0.575	*******	-0.3332	-0.1426	-0.2735	-0.6858
0.600	-0.4427	-0.3282	-0.1868	-0.3092	-0.7179
0.625	*******	*******	-0.2437	-0.3925	-0.8008
0.650	-0.4876	-0.2941	-0.4502	-0.5575	-0.9542
0.675	*******	-0.2889	-0.7431	-0.7958	-1.1077
0.700	-0.5417	-0.3551	-0.9574	-1.0241	-1.2413
0.725	*******	-0.7716	*******	-1.1924	-0.9343
0.750	-0.5867	-1.1295	*******	-1.2706	-0.8322
0.775	*******	-1.2437	-1.1912	-1.2178	-0.7124
0.800	-0.6280	-1.2598	-1.1291	-0.9975	*******
0.825	*******	-1.2189	-1.0938	-0.8876	-0.5642
0.850	-0.7705	-1.2043	-1.0346	-0.8234	-0.5261
0.875	*******	-1.1884	-0.9700	-0.8186	-0.5349
0.900	-1.0532	-1.1406	-0.9021	-0.7827	-0.5383
0.925	*******	-1.1267	-0.8574	-0.7085	-0.5597
0.950	-1.2657	-1.0952	-0.8163	-0.7035	-0.5119
0.975	*******	-1.0639	-0.7887	-0.6541	-0.4460
1.000	-1.1843	-1.3659	-0.8607	-1.0121	-0.5833
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2776	0.2606	0.2787	*******	-0.5980
-0.400	0.2739	0.2708	0.2522	0.0781	-0.6736
-0.600	0.2934	0.2759	0.2489	0.1130	-0.6491
-0.700	0.3112	0.2774	0.2552	0.1323	-0.6175
-0.800	0.3275	*******	0.2566	0.1560	-0.5430
-0.850	*******	0.3069	0.2657	0.1662	-0.5369
-0.900	*******	0.3074	0.2743	0.1864	-0.4996
-0.950	0.2478	0.2611	0.2514	0.1942	-0.1663
-0.975	*******	0.1478	0.1695	0.1448	-0.0435
-1.000	-1.1809	-1.1655	-1.0820	-1.0615	-0.5641



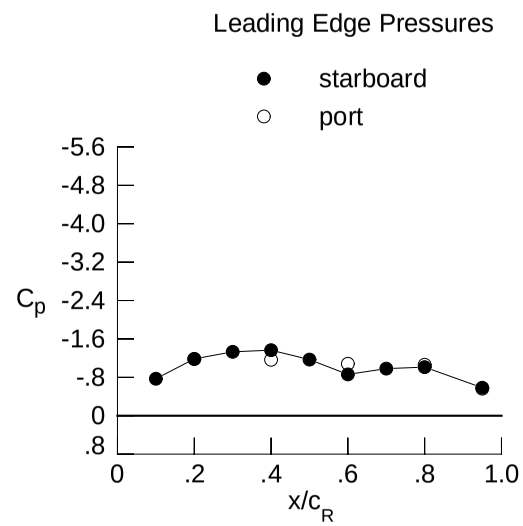
Medium Radius L.E.

Run No. = 15 , Point No. = 326

C_N = 0.594, C_m = -0.1010

α = 12.5 °, M_∞ = 0.849

R_{mac} = 95.5×10^6

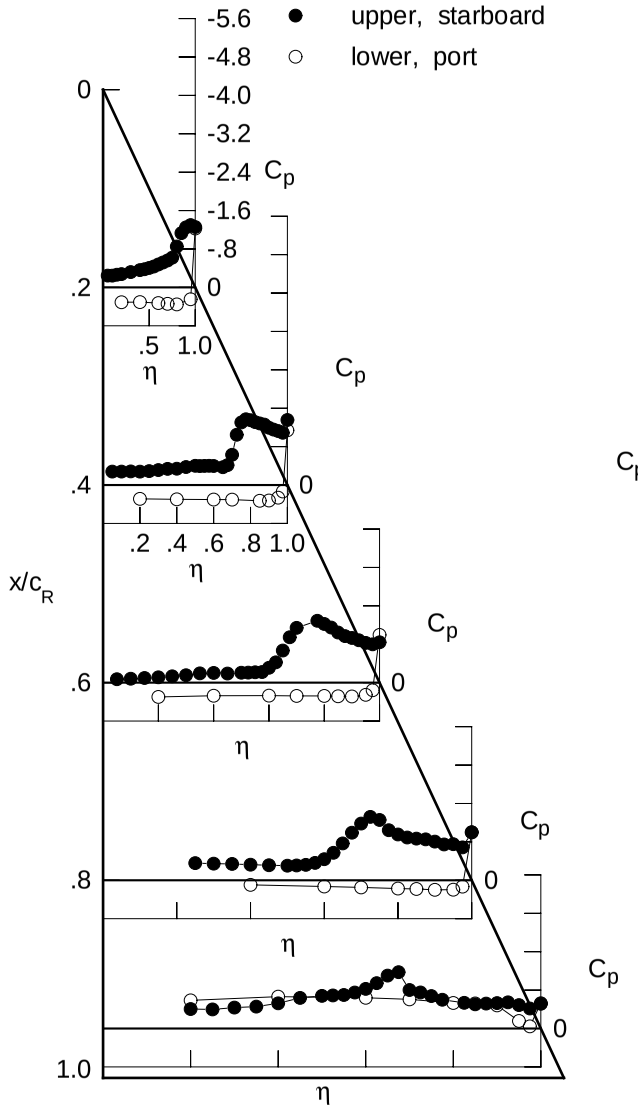


x/c_R	starb'd Cp	port Cp
0.10	-0.7706	*******
0.20	-1.1843	-1.1809
0.30	-1.3316	*******
0.40	-1.3659	-1.1655
0.50	-1.1699	*******
0.60	-0.8607	-1.0820
0.70	-0.9819	*******
0.80	-1.0121	-1.0615
0.90	*******	*******
0.95	-0.5833	-0.5641

Table E9. 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	-0.2456	-0.2803	-0.0709	*******	*******
0.100	-0.2449	-0.2801	-0.0816	*******	*******
0.150	-0.2640	-0.2838	-0.0967	*******	*******
0.200	-0.2772	-0.2791	-0.1115	*******	-0.4058
0.250	*******	-0.2900	-0.1323	-0.3576	-0.3973
0.300	-0.3194	-0.3122	-0.1548	-0.3464	-0.4359
0.350	*******	-0.3369	-0.1939	-0.3407	-0.4561
0.400	-0.3599	-0.3397	-0.2027	-0.3247	-0.5249
0.450	-0.3786	-0.3754	-0.1899	-0.3137	-0.6376
0.500	-0.4047	-0.4006	-0.2067	-0.3042	-0.6801
0.525	*******	-0.3955	-0.2089	-0.3088	-0.6889
0.550	-0.4348	-0.3981	-0.2157	-0.3214	-0.6982
0.575	*******	-0.4008	-0.2209	-0.3620	-0.7500
0.600	-0.4776	-0.3972	-0.3099	-0.4392	-0.8253
0.625	*******	*******	-0.4231	-0.5724	-0.9448
0.650	-0.5181	-0.3712	-0.6688	-0.7678	-1.1024
0.675	*******	-0.4147	-0.9458	-0.9915	-1.1738
0.700	-0.5608	-0.6302	-1.1413	-1.1814	-0.8020
0.725	*******	-1.0471	*******	-1.3204	-0.7509
0.750	-0.6192	-1.3038	*******	-1.2570	-0.6762
0.775	*******	-1.3701	-1.2891	-1.0433	-0.5988
0.800	-0.8523	-1.3502	-1.2227	-0.9545	*******
0.825	*******	-1.3114	-1.1483	-0.8908	-0.5352
0.850	-1.1302	-1.2831	-1.0437	-0.8679	-0.5043
0.875	*******	-1.2591	-0.9699	-0.8531	-0.5191
0.900	-1.2505	-1.1935	-0.9311	-0.8056	-0.5293
0.925	*******	-1.1550	-0.8834	-0.7467	-0.5455
0.950	-1.2987	-1.1249	-0.8282	-0.7520	-0.4880
0.975	*******	-1.0891	-0.7986	-0.6852	-0.4164
1.000	-1.2576	-1.3554	-0.8407	-1.0005	-0.5150
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3096	0.2877	0.2980	*******	-0.5864
-0.400	0.3067	0.2978	0.2729	0.0953	-0.6637
-0.600	0.3263	0.3026	0.2702	0.1293	-0.6404
-0.700	0.3422	0.3038	0.2764	0.1485	-0.6076
-0.800	0.3541	*******	0.2769	0.1722	-0.5317
-0.850	*******	0.3282	0.2843	0.1811	-0.5227
-0.900	*******	0.3228	0.2883	0.1986	-0.4813
-0.950	0.2468	0.2633	0.2535	0.1958	-0.1568
-0.975	*******	0.1346	0.1582	0.1324	-0.0446
-1.000	-1.2268	-1.1396	-0.9940	-0.9981	-0.5268

Surface Pressures



Medium Radius L.E.

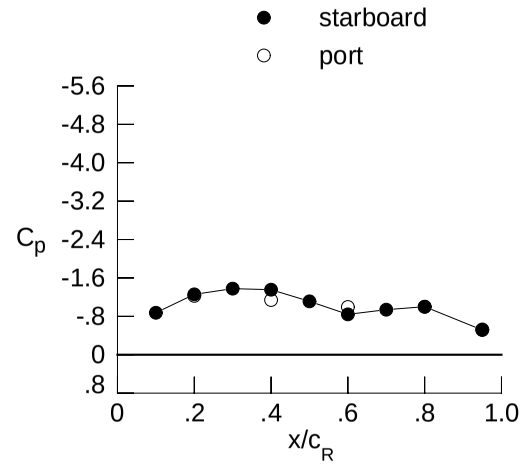
Run No. = 15 , Point No. = 327

C_N = 0.650, C_m = -0.1069

α = 13.5 °, M_∞ = 0.849

$R_{mac} = 95.5 \times 10^6$

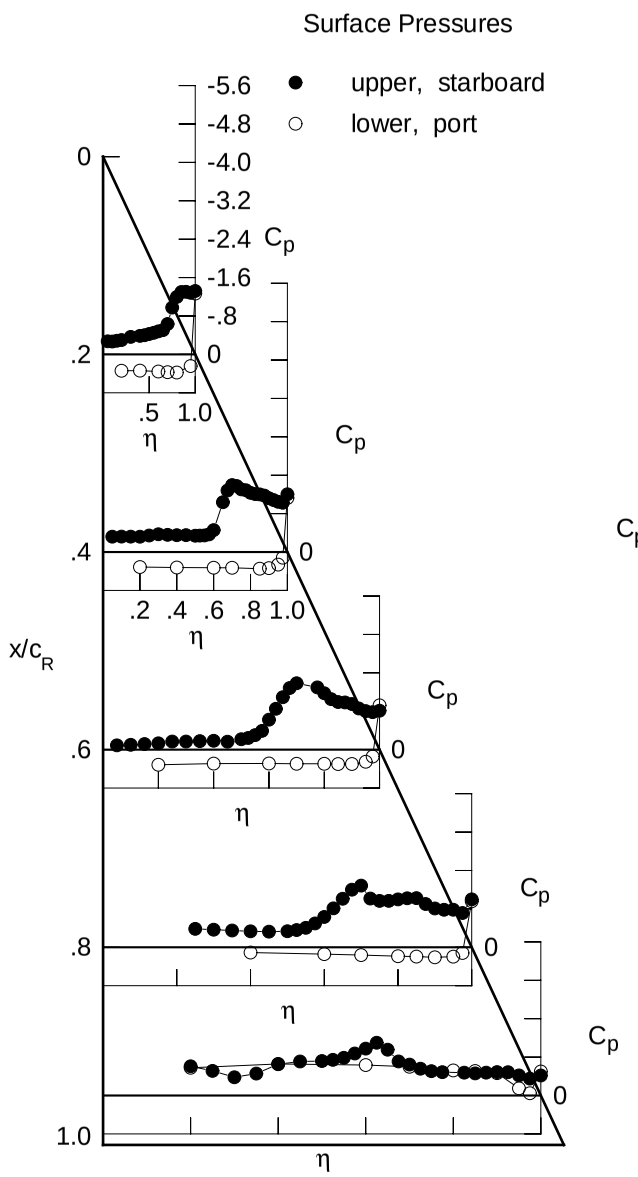
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8748	*******
0.20	-1.2576	-1.2268
0.30	-1.3765	*******
0.40	-1.3554	-1.1396
0.50	-1.1120	*******
0.60	-0.8407	-0.9940
0.70	-0.9386	*******
0.80	-1.0005	-0.9981
0.90	*******	*******
0.95	-0.5150	-0.5268

Table E9. 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	-0.2726	-0.3202	-0.0900	*******	*******
0.100	-0.2681	-0.3217	-0.1005	*******	*******
0.150	-0.2842	-0.3210	-0.1167	*******	*******
0.200	-0.2991	-0.3194	-0.1318	*******	-0.6090
0.250	*******	-0.3439	-0.1686	-0.3841	-0.5131
0.300	-0.3648	-0.3701	-0.1688	-0.3664	-0.3803
0.350	*******	-0.3581	-0.1774	-0.3498	-0.4572
0.400	-0.3855	-0.3510	-0.1852	-0.3326	-0.6518
0.450	-0.3993	-0.3518	-0.1656	-0.3254	-0.7085
0.500	-0.4245	-0.3399	-0.2164	-0.3345	-0.7181
0.525	*******	-0.3427	-0.2432	-0.3588	-0.7430
0.550	-0.4499	-0.3459	-0.3020	-0.4057	-0.7858
0.575	*******	-0.3678	-0.3915	-0.4969	-0.8753
0.600	-0.4798	-0.4572	-0.6240	-0.6322	-0.9768
0.625	*******	*******	-0.8510	-0.8110	-1.0996
0.650	-0.5060	-1.0372	-1.0922	-1.0110	-0.9546
0.675	*******	-1.2816	-1.2836	-1.1996	-0.7093
0.700	-0.6337	-1.3949	-1.3831	-1.2846	-0.6437
0.725	*******	-1.3755	*******	-1.0153	-0.5580
0.750	-0.9756	-1.3059	*******	-0.9660	-0.5075
0.775	*******	-1.2869	-1.2966	-0.9671	-0.4865
0.800	-1.1968	-1.2338	-1.1753	-0.9980	*******
0.825	*******	-1.2081	-1.0523	-1.0205	-0.4759
0.850	-1.3004	-1.2007	-0.9920	-1.0239	-0.4605
0.875	*******	-1.1763	-0.9830	-0.9017	-0.4757
0.900	-1.3041	-1.1210	-0.9507	-0.8089	-0.4879
0.925	*******	-1.0829	-0.8572	-0.7816	-0.4856
0.950	-1.2832	-1.0461	-0.8032	-0.7824	-0.4183
0.975	*******	-1.0266	-0.7810	-0.7140	-0.3522
1.000	-1.3207	-1.2031	-0.8109	-0.9982	-0.4167
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3408	0.3124	0.3155	*******	-0.5773
-0.400	0.3381	0.3227	0.2907	0.1097	-0.6574
-0.600	0.3570	0.3270	0.2882	0.1425	-0.6345
-0.700	0.3707	0.3282	0.2943	0.1621	-0.5990
-0.800	0.3773	*******	0.2940	0.1854	-0.5227
-0.850	*******	0.3475	0.2997	0.1939	-0.5102
-0.900	*******	0.3349	0.2991	0.2088	-0.4657
-0.950	0.2429	0.2619	0.2517	0.1953	-0.1498
-0.975	*******	0.1172	0.1431	0.1182	-0.0472
-1.000	-1.2671	-1.1257	-0.9235	-0.9583	-0.5004



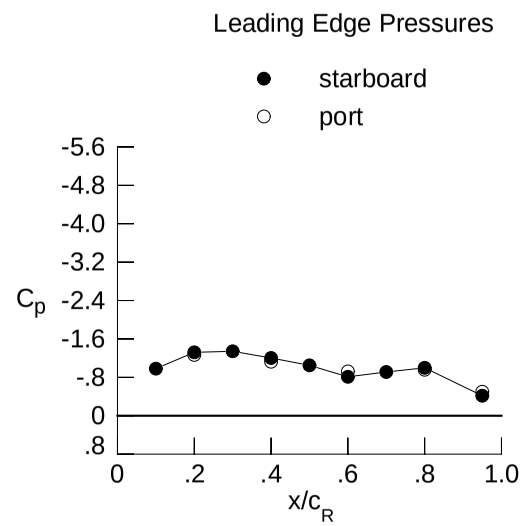
Medium Radius L.E.

Run No. = 15 , Point No. = 328

C_N = 0.702, C_m = -0.1093

α = 14.6 °, M_∞ = 0.847

R_{mac} = 95.7×10^6

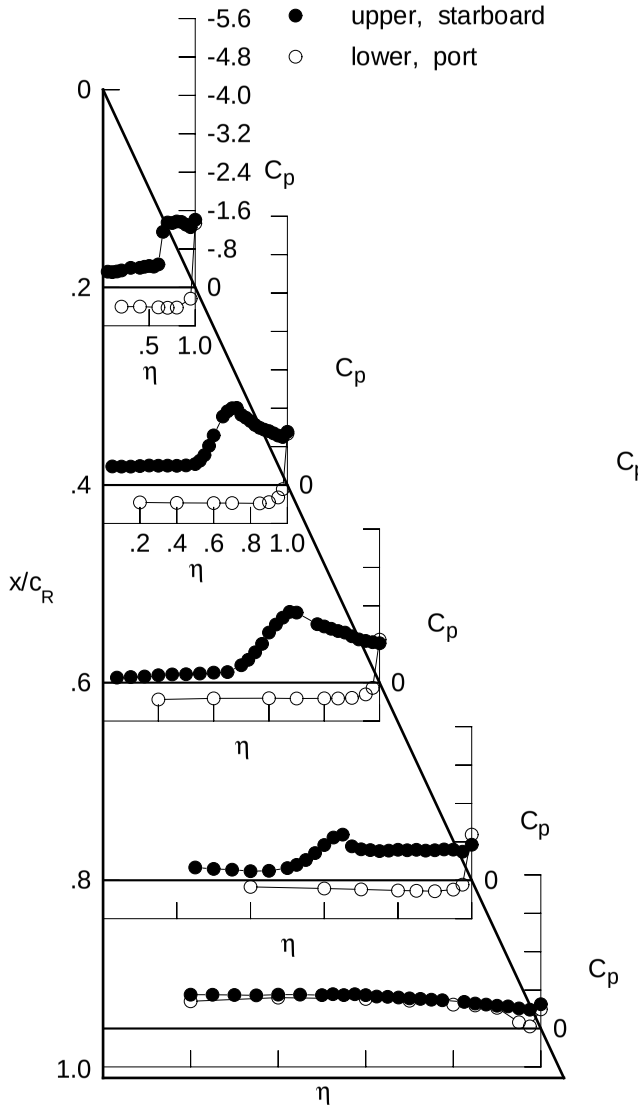


x/c_R	starb'd Cp	port Cp
0.10	-0.9810	*******
0.20	-1.3207	-1.2671
0.30	-1.3425	*******
0.40	-1.2031	-1.1257
0.50	-1.0496	*******
0.60	-0.8109	-0.9235
0.70	-0.9108	*******
0.80	-0.9982	-0.9583
0.90	*******	*******
0.95	-0.4167	-0.5004

Table E9. 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	-0.3274	-0.3872	-0.1048	*******	*******
0.100	-0.3179	-0.3838	-0.1167	*******	*******
0.150	-0.3314	-0.3838	-0.1281	*******	*******
0.200	-0.3529	-0.3950	-0.1546	*******	-0.7047
0.250	*******	-0.4063	-0.1712	-0.2663	-0.7030
0.300	-0.4071	-0.4025	-0.1749	-0.2371	-0.6984
0.350	*******	-0.4036	-0.1900	-0.2210	-0.6906
0.400	-0.4079	-0.4010	-0.2084	-0.1899	-0.7057
0.450	-0.4293	-0.4084	-0.2201	-0.1977	-0.7058
0.500	-0.4468	-0.4366	-0.3626	-0.2539	-0.6953
0.525	*******	-0.5066	-0.4748	-0.3211	-0.7152
0.550	-0.4316	-0.6238	-0.6322	-0.4223	-0.6959
0.575	*******	-0.8170	-0.8080	-0.5662	-0.7143
0.600	-0.4793	-1.0347	-1.0435	-0.7343	-0.6951
0.625	*******	*******	-1.2098	-0.8906	-0.6659
0.650	-1.1572	-1.4271	-1.3539	-0.9510	-0.6603
0.675	*******	-1.5362	-1.4747	-0.7068	-0.6458
0.700	-1.3516	-1.5998	-1.4589	-0.6455	-0.6284
0.725	*******	-1.6075	*******	-0.6287	-0.6167
0.750	-1.3404	-1.4631	*******	-0.6082	-0.5996
0.775	*******	-1.4025	-1.2177	-0.6178	-0.5892
0.800	-1.3736	-1.3323	-1.1706	-0.6363	*******
0.825	*******	-1.2515	-1.1226	-0.6257	-0.5547
0.850	-1.3631	-1.1916	-1.0748	-0.6354	-0.5203
0.875	*******	-1.1528	-1.0426	-0.6178	-0.4981
0.900	-1.3067	-1.1232	-0.9664	-0.6259	-0.4745
0.925	*******	-1.0766	-0.8997	-0.6426	-0.4610
0.950	-1.2545	-1.0305	-0.8684	-0.6388	-0.4180
0.975	*******	-1.0007	-0.8420	-0.5953	-0.3921
1.000	-1.4097	-1.1085	-0.8206	-0.7408	-0.5055
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4019	0.3626	0.3516	*******	-0.5672
-0.400	0.4000	0.3721	0.3277	0.1374	-0.6433
-0.600	0.4161	0.3756	0.3245	0.1711	-0.6161
-0.700	0.4247	0.3759	0.3305	0.1904	-0.5794
-0.800	0.4209	*******	0.3275	0.2127	-0.4973
-0.850	*******	0.3824	0.3294	0.2192	-0.4810
-0.900	*******	0.3565	0.3178	0.2281	-0.4312
-0.950	0.2348	0.2584	0.2447	0.1943	-0.1296
-0.975	*******	0.0852	0.1087	0.0915	-0.0436
-1.000	-1.3329	-1.0681	-0.8954	-0.9514	-0.3989

Surface Pressures



Medium Radius L.E.

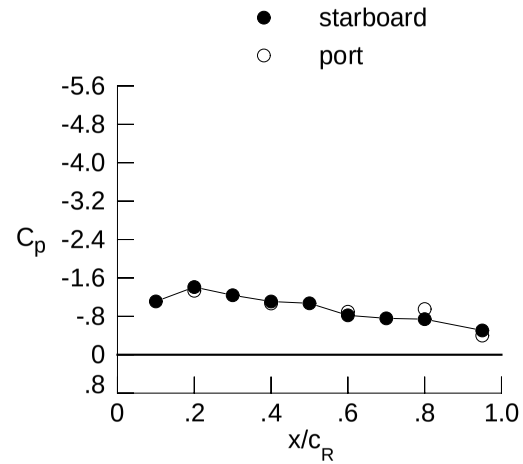
Run No. = 15 , Point No. = 329

C_N = 0.763, C_m = -0.1013

α = 16.7 °, M_∞ = 0.850

R_{mac} = 95.8×10^6

Leading Edge Pressures

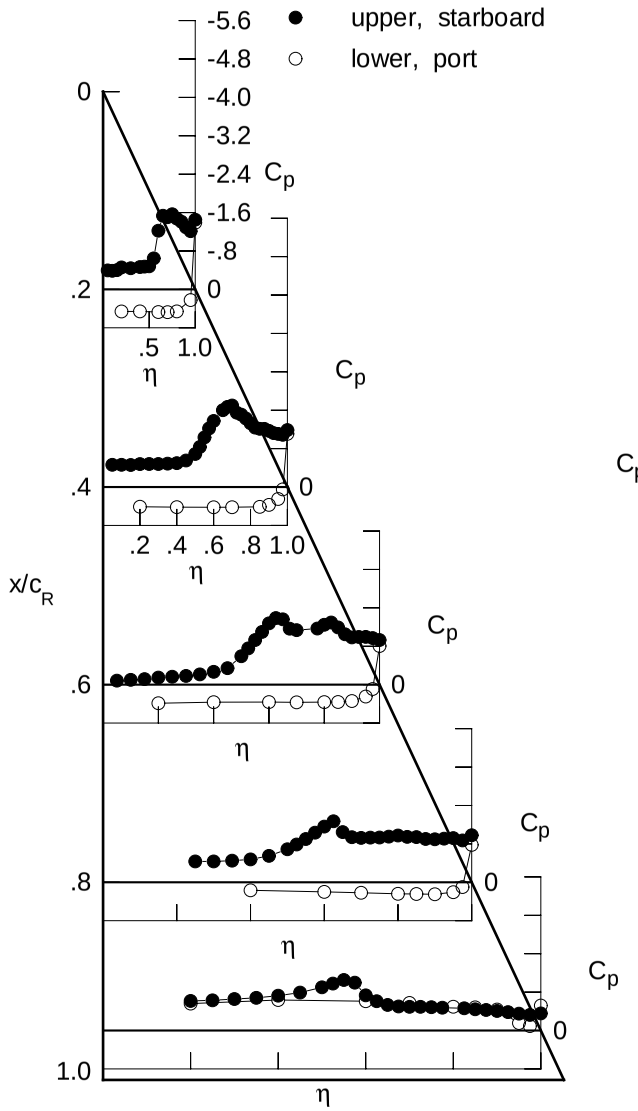


x/c_R	starb'd C_p	port C_p
0.10	-1.1106	*******
0.20	-1.4097	-1.3329
0.30	-1.2394	*******
0.40	-1.1085	-1.0681
0.50	-1.0715	*******
0.60	-0.8206	-0.8954
0.70	-0.7579	*******
0.80	-0.7408	-0.9514
0.90	*******	*******
0.95	-0.5055	-0.3989

Table E9. 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	-0.3962	-0.4628	-0.0834	*******	*******
0.100	-0.3874	-0.4628	-0.1003	*******	*******
0.150	-0.4011	-0.4592	-0.1150	*******	*******
0.200	-0.4572	-0.4783	-0.1472	*******	-0.6163
0.250	*******	-0.4802	-0.1651	-0.4344	-0.6291
0.300	-0.4407	-0.4800	-0.1818	-0.4345	-0.6558
0.350	*******	-0.4873	-0.2139	-0.4500	-0.6804
0.400	-0.4654	-0.4972	-0.2673	-0.4765	-0.7253
0.450	-0.4741	-0.5530	-0.3435	-0.5508	-0.7901
0.500	-0.4805	-0.6887	-0.5920	-0.6877	-0.8998
0.525	*******	-0.8354	-0.7549	-0.7875	-0.9775
0.550	-0.6466	-1.0338	-0.9296	-0.9016	-1.0532
0.575	*******	-1.2211	-1.0981	-1.0334	-0.9965
0.600	-1.2224	-1.3768	-1.2769	-1.1600	-0.7325
0.625	*******	*******	-1.3868	-1.2715	-0.6101
0.650	-1.5341	-1.6007	-1.3608	-1.0457	-0.5327
0.675	*******	-1.6694	-1.1653	-0.9394	-0.5008
0.700	-1.5037	-1.6987	-1.1348	-0.9249	-0.4939
0.725	*******	-1.5488	*******	-0.9305	-0.4933
0.750	-1.5658	-1.5083	*******	-0.9326	-0.4853
0.775	*******	-1.4280	-1.1691	-0.9513	-0.4753
0.800	-1.4762	-1.3284	-1.2471	-0.9745	*******
0.825	*******	-1.2383	-1.2942	-0.9466	-0.4630
0.850	-1.4098	-1.2127	-1.1919	-0.9417	-0.4427
0.875	*******	-1.2119	-1.0493	-0.9024	-0.4284
0.900	-1.2932	-1.1707	-0.9842	-0.8958	-0.4072
0.925	*******	-1.1242	-0.9937	-0.9091	-0.3829
0.950	-1.2132	-1.1072	-0.9953	-0.9211	-0.3508
0.975	*******	-1.0878	-0.9704	-0.8719	-0.3249
1.000	-1.4512	-1.1869	-0.9296	-0.9804	-0.3557
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4602	0.4107	0.3876	*******	-0.5605
-0.400	0.4587	0.4191	0.3653	0.1668	-0.6355
-0.600	0.4717	0.4216	0.3631	0.1996	-0.6101
-0.700	0.4744	0.4204	0.3687	0.2187	-0.5741
-0.800	0.4585	*******	0.3638	0.2399	-0.4955
-0.850	*******	0.4125	0.3619	0.2443	-0.4825
-0.900	*******	0.3723	0.3415	0.2494	-0.4370
-0.950	0.2223	0.2487	0.2479	0.2067	-0.1552
-0.975	*******	0.0488	0.0915	0.0989	-0.0917
-1.000	-1.3902	-1.1084	-0.8051	-0.7789	-0.5202

Surface Pressures



Medium Radius L.E.

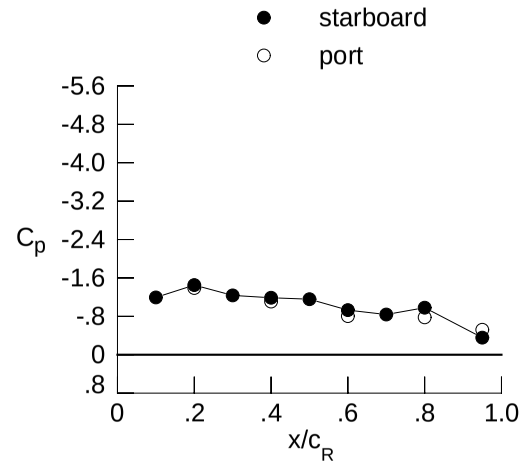
Run No. = 15 , Point No. = 330

C_N = 0.870, C_m = -0.1248

α = 18.7 °, M_∞ = 0.851

R_{mac} = 95.5×10^6

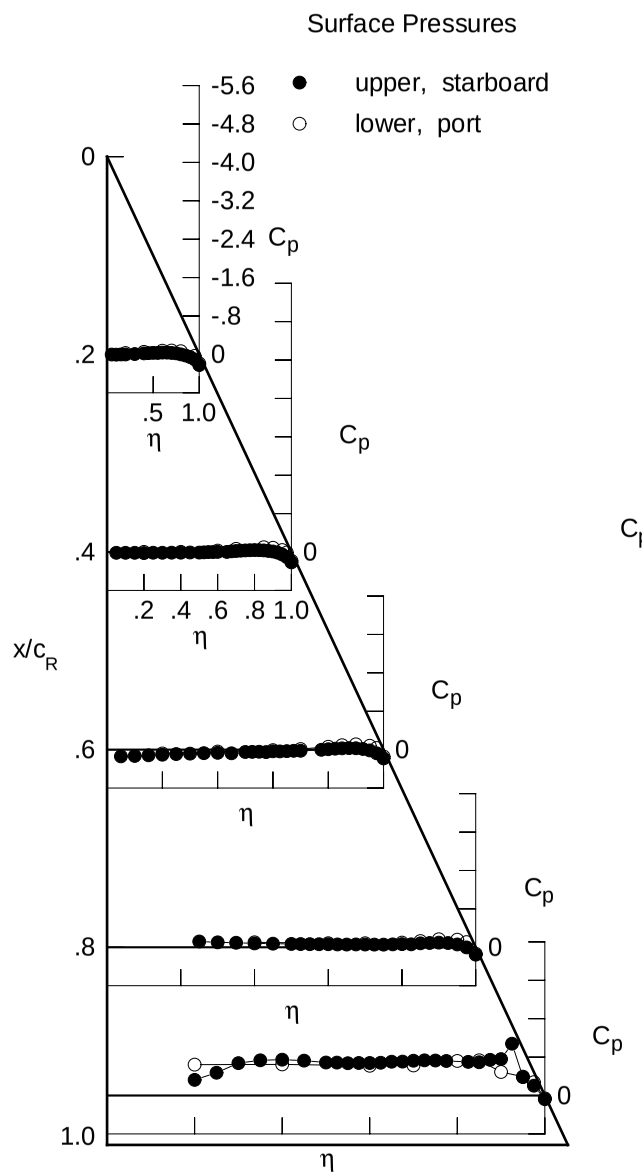
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1940	*******
0.20	-1.4512	-1.3902
0.30	-1.2360	*******
0.40	-1.1869	-1.1084
0.50	-1.1570	*******
0.60	-0.9296	-0.8051
0.70	-0.8375	*******
0.80	-0.9804	-0.7789
0.90	*******	*******
0.95	-0.3557	-0.5202

Table E10. 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	0.0035	0.0161	0.1398	*******	*******
0.100	0.0057	0.0161	0.1311	*******	*******
0.150	0.0017	0.0159	0.1178	*******	*******
0.200	0.0018	0.0214	0.1060	*******	-0.3255
0.250	*******	0.0147	0.0922	-0.1206	-0.4745
0.300	-0.0069	0.0153	0.0834	-0.1035	-0.6746
0.350	*******	0.0135	0.0732	-0.0945	-0.7336
0.400	-0.0206	0.0135	0.0664	-0.0812	-0.7468
0.450	-0.0260	0.0095	0.0764	-0.0753	-0.7267
0.500	-0.0318	0.0114	0.0486	-0.0695	-0.6875
0.525	*******	0.0067	0.0466	-0.0676	-0.6858
0.550	-0.0304	0.0005	0.0440	-0.0650	-0.6724
0.575	*******	0.0001	0.0511	-0.0637	-0.6778
0.600	-0.0379	-0.0029	0.0346	-0.0637	-0.6773
0.625	*******	*******	0.0365	-0.0591	-0.6826
0.650	-0.0368	-0.0021	0.0311	-0.0565	-0.7040
0.675	*******	-0.0145	0.0240	-0.0594	-0.7062
0.700	-0.0306	-0.0214	0.0234	-0.0573	-0.7250
0.725	*******	-0.0281	*******	-0.0563	-0.7325
0.750	-0.0213	-0.0338	*******	-0.0551	-0.7287
0.775	*******	-0.0374	0.0034	-0.0610	-0.7188
0.800	-0.0004	-0.0404	-0.0087	-0.0656	*******
0.825	*******	-0.0383	-0.0198	-0.0615	-0.7010
0.850	0.0226	-0.0338	-0.0270	-0.0823	-0.6929
0.875	*******	-0.0229	-0.0319	-0.0899	-0.7433
0.900	0.0543	-0.0114	-0.0292	-0.0971	-0.7586
0.925	*******	0.0129	-0.0148	-0.0891	-1.0792
0.950	0.1043	0.0504	0.0159	-0.0593	-0.3828
0.975	*******	0.1063	0.0759	0.0024	-0.2046
1.000	0.2227	0.2154	0.1835	0.1535	0.0768
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0278	-0.0032	0.0801	*******	-0.6429
-0.400	-0.0524	-0.0041	0.0397	-0.1038	-0.6480
-0.600	-0.0767	-0.0294	0.0104	-0.0850	-0.6203
-0.700	-0.0802	-0.0660	-0.0116	-0.0843	-0.6263
-0.800	-0.0665	*******	-0.0603	-0.0978	-0.7196
-0.850	*******	-0.1003	-0.0922	-0.1295	-0.7341
-0.900	*******	-0.0886	-0.1104	-0.1669	-0.4905
-0.950	0.0312	-0.0413	-0.0811	-0.1587	-0.3924
-0.975	*******	0.0097	-0.0343	-0.1078	-0.2785
-1.000	0.1881	0.1805	0.1426	0.1338	0.0599



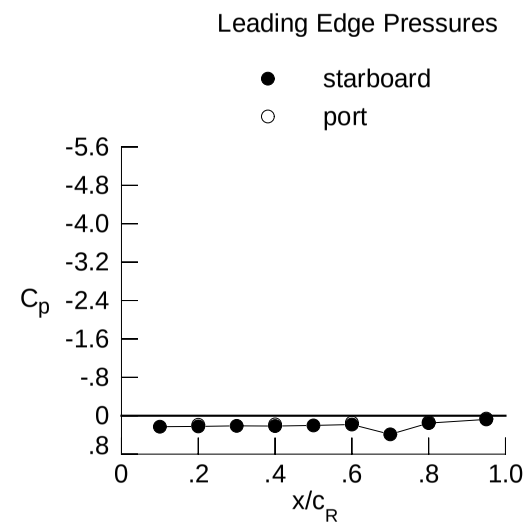
Medium Radius L.E.

Run No. = 16 , Point No. = 333

C_N = -0.031, C_m = 0.0045

α = -0.8 °, M_∞ = 0.850

$R_{mac} = 108.9 \times 10^6$

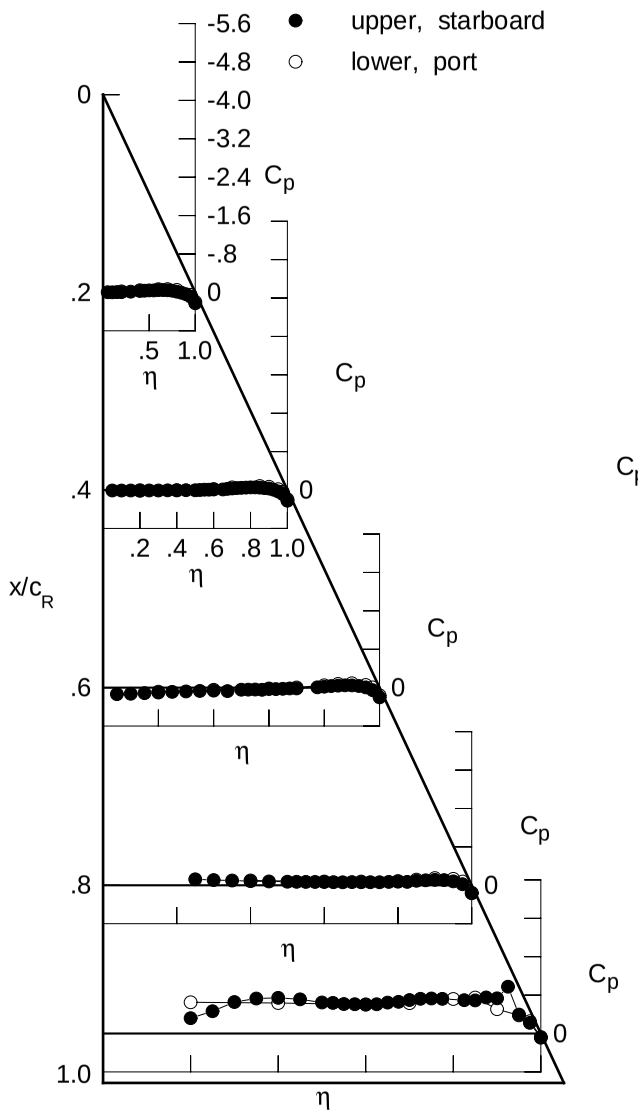


x/c_R	starb'd C_p	port C_p
0.10	0.2286	*******
0.20	0.2227	0.1881
0.30	0.2109	*******
0.40	0.2154	0.1805
0.50	0.2021	*******
0.60	0.1835	0.1426
0.70	0.3878	*******
0.80	0.1535	0.1338
0.90	*******	*******
0.95	0.0768	0.0599

Table E10. 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	-0.0032	0.0096	0.1356	*******	*******
0.100	-0.0017	0.0104	0.1270	*******	*******
0.150	-0.0053	0.0096	0.1140	*******	*******
0.200	-0.0058	0.0161	0.1019	*******	-0.3190
0.250	*******	0.0088	0.0881	-0.1251	-0.4637
0.300	-0.0150	0.0099	0.0791	-0.1089	-0.6558
0.350	*******	0.0066	0.0686	-0.0995	-0.7292
0.400	-0.0297	0.0075	0.0617	-0.0866	-0.7434
0.450	-0.0353	0.0034	0.0718	-0.0802	-0.7121
0.500	-0.0418	0.0046	0.0435	-0.0744	-0.6462
0.525	*******	-0.0007	0.0413	-0.0729	-0.6374
0.550	-0.0410	-0.0074	0.0391	-0.0702	-0.6140
0.575	*******	-0.0070	0.0446	-0.0695	-0.6102
0.600	-0.0492	-0.0114	0.0284	-0.0692	-0.6034
0.625	*******	*******	0.0307	-0.0650	-0.6100
0.650	-0.0489	-0.0119	0.0243	-0.0626	-0.6441
0.675	*******	-0.0250	0.0171	-0.0664	-0.6597
0.700	-0.0440	-0.0325	0.0156	-0.0641	-0.6975
0.725	*******	-0.0404	*******	-0.0637	-0.7234
0.750	-0.0352	-0.0463	*******	-0.0628	-0.7299
0.775	*******	-0.0507	-0.0066	-0.0704	-0.7222
0.800	-0.0153	-0.0556	-0.0199	-0.0749	*******
0.825	*******	-0.0543	-0.0328	-0.0709	-0.6942
0.850	0.0073	-0.0506	-0.0415	-0.0941	-0.6893
0.875	*******	-0.0408	-0.0479	-0.1038	-0.7511
0.900	0.0386	-0.0312	-0.0469	-0.1138	-0.7325
0.925	*******	-0.0071	-0.0347	-0.1082	-0.9750
0.950	0.0879	0.0292	-0.0058	-0.0813	-0.3945
0.975	*******	0.0846	0.0525	-0.0223	-0.2222
1.000	0.2266	0.2223	0.2024	0.1663	0.0871
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	-0.0206	0.0031	0.0845	*******	-0.6504
-0.400	-0.0445	0.0025	0.0447	-0.0999	-0.6356
-0.600	-0.0660	-0.0204	0.0173	-0.0786	-0.6037
-0.700	-0.0678	-0.0552	-0.0030	-0.0778	-0.6330
-0.800	-0.0517	*******	-0.0487	-0.0883	-0.7194
-0.850	*******	-0.0829	-0.0775	-0.1175	-0.7486
-0.900	*******	-0.0683	-0.0909	-0.1494	-0.5069
-0.950	0.0507	-0.0174	-0.0550	-0.1339	-0.3778
-0.975	*******	0.0361	-0.0049	-0.0779	-0.2568
-1.000	0.1949	0.1922	0.1601	0.1551	0.0737

Surface Pressures



Medium Radius L.E.

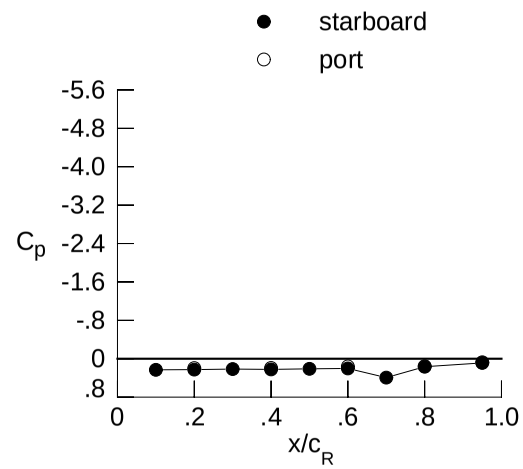
Run No. = 16 , Point No. = 334

C_N = -0.015, C_m = 0.0013

α = -0.4 °, M_∞ = 0.851

$R_{mac} = 108.9 \times 10^6$

Leading Edge Pressures

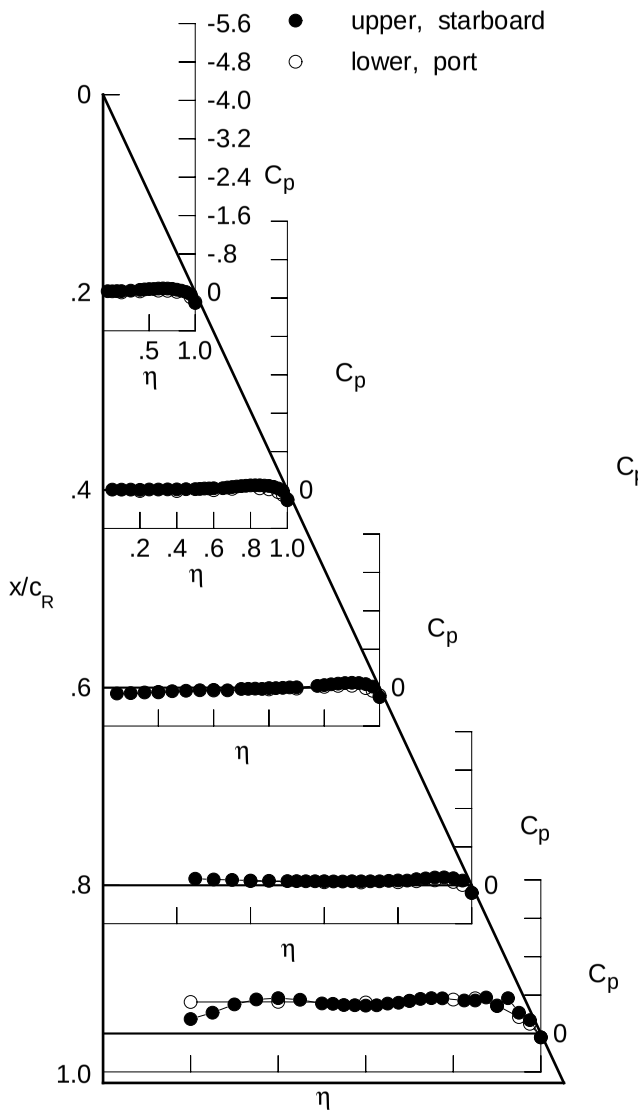


x/c_R	starb'd Cp	port Cp
0.10	0.2311	*******
0.20	0.2266	0.1949
0.30	0.2155	*******
0.40	0.2223	0.1922
0.50	0.2104	*******
0.60	0.2024	0.1601
0.70	0.3934	*******
0.80	0.1663	0.1551
0.90	*******	*******
0.95	0.0871	0.0737

Table E10. 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	-0.0245	-0.0087	0.1227	*******	*******
0.100	-0.0224	-0.0082	0.1144	*******	*******
0.150	-0.0261	-0.0086	0.1011	*******	*******
0.200	-0.0266	-0.0038	0.0887	*******	-0.3018
0.250	*******	-0.0109	0.0745	-0.1368	-0.4337
0.300	-0.0356	-0.0104	0.0651	-0.1208	-0.6063
0.350	*******	-0.0134	0.0542	-0.1117	-0.7098
0.400	-0.0526	-0.0138	0.0467	-0.0982	-0.7371
0.450	-0.0612	-0.0179	0.0562	-0.0926	-0.7030
0.500	-0.0689	-0.0182	0.0269	-0.0871	-0.6268
0.525	*******	-0.0233	0.0244	-0.0868	-0.6184
0.550	-0.0701	-0.0309	0.0207	-0.0842	-0.5935
0.575	*******	-0.0327	0.0267	-0.0842	-0.5892
0.600	-0.0801	-0.0370	0.0097	-0.0845	-0.5807
0.625	*******	*******	0.0107	-0.0802	-0.5881
0.650	-0.0823	-0.0383	0.0038	-0.0781	-0.6236
0.675	*******	-0.0529	-0.0051	-0.0837	-0.6407
0.700	-0.0797	-0.0626	-0.0072	-0.0821	-0.6832
0.725	*******	-0.0724	*******	-0.0830	-0.7210
0.750	-0.0735	-0.0813	*******	-0.0834	-0.7365
0.775	*******	-0.0888	-0.0359	-0.0930	-0.7325
0.800	-0.0561	-0.0964	-0.0529	-0.1010	*******
0.825	*******	-0.0986	-0.0696	-0.0987	-0.6877
0.850	-0.0361	-0.0982	-0.0834	-0.1275	-0.6880
0.875	*******	-0.0921	-0.0955	-0.1433	-0.7502
0.900	-0.0080	-0.0858	-0.1010	-0.1616	-0.5708
0.925	*******	-0.0667	-0.0958	-0.1647	-0.7363
0.950	0.0383	-0.0330	-0.0734	-0.1475	-0.4328
0.975	*******	0.0169	-0.0215	-0.0980	-0.2795
1.000	0.2209	0.2128	0.1979	0.1548	0.0811
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0006	0.0209	0.0983	*******	-0.6564
-0.400	-0.0209	0.0219	0.0602	-0.0869	-0.6592
-0.600	-0.0358	0.0035	0.0365	-0.0635	-0.6465
-0.700	-0.0326	-0.0249	0.0200	-0.0588	-0.6771
-0.800	-0.0112	*******	-0.0171	-0.0634	-0.7075
-0.850	*******	-0.0363	-0.0368	-0.0839	-0.7343
-0.900	*******	-0.0149	-0.0388	-0.1024	-0.5843
-0.950	0.0997	0.0428	0.0093	-0.0696	-0.3424
-0.975	*******	0.1016	0.0660	-0.0053	-0.2023
-1.000	0.1944	0.1918	0.1602	0.1618	0.0786

Surface Pressures



Medium Radius L.E.

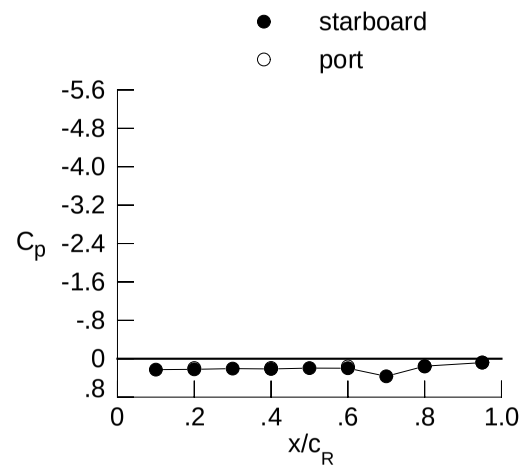
Run No. = 16 , Point No. = 335

C_N = 0.027, C_m = -0.0053

α = 0.7 °, M_∞ = 0.850

$R_{mac} = 108.9 \times 10^6$

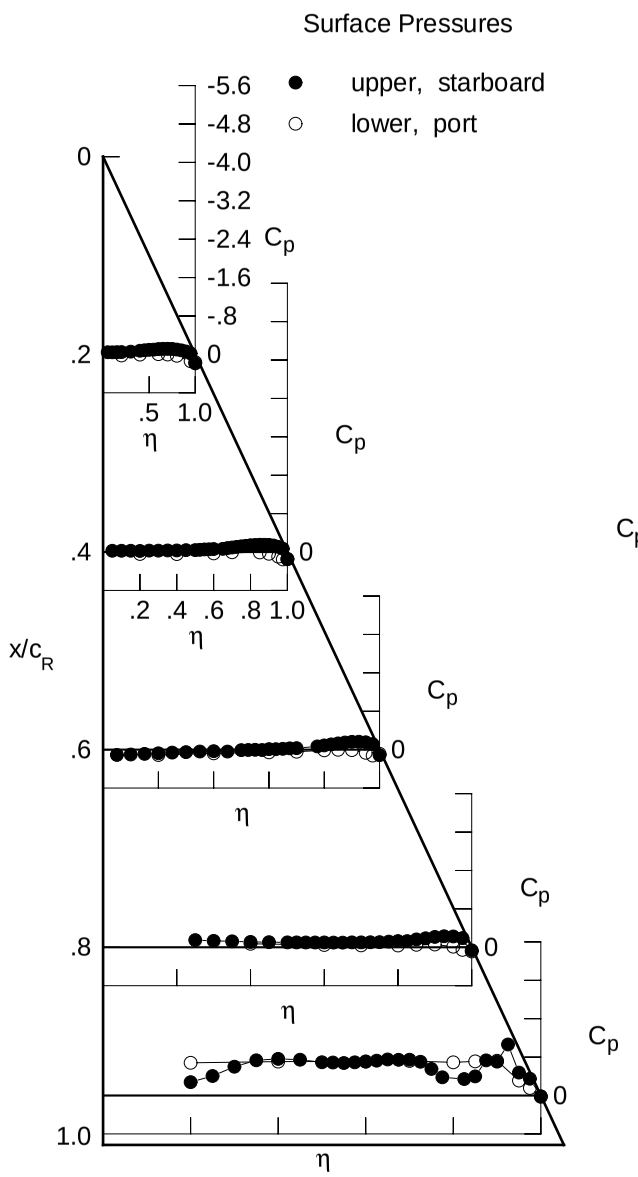
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.2275	*******
0.20	0.2209	0.1944
0.30	0.2059	*******
0.40	0.2128	0.1918
0.50	0.1954	*******
0.60	0.1979	0.1602
0.70	0.3662	*******
0.80	0.1548	0.1618
0.90	*******	*******
0.95	0.0811	0.0786

Table E10. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0449	-0.0260	0.1105	*******	*******
0.100	-0.0429	-0.0262	0.1017	*******	*******
0.150	-0.0464	-0.0267	0.0883	*******	*******
0.200	-0.0478	-0.0220	0.0756	*******	-0.2787
0.250	*******	-0.0293	0.0614	-0.1495	-0.4067
0.300	-0.0566	-0.0285	0.0516	-0.1335	-0.5998
0.350	*******	-0.0330	0.0395	-0.1244	-0.7336
0.400	-0.0762	-0.0331	0.0321	-0.1120	-0.7635
0.450	-0.0856	-0.0392	0.0403	-0.1063	-0.7459
0.500	-0.0954	-0.0402	0.0101	-0.1024	-0.6926
0.525	*******	-0.0462	0.0069	-0.1014	-0.6869
0.550	-0.0996	-0.0543	0.0028	-0.1003	-0.6769
0.575	*******	-0.0568	0.0078	-0.1002	-0.6909
0.600	-0.1113	-0.0624	-0.0101	-0.1012	-0.7056
0.625	*******	*******	-0.0095	-0.0979	-0.7254
0.650	-0.1170	-0.0664	-0.0171	-0.0965	-0.7512
0.675	*******	-0.0827	-0.0271	-0.1026	-0.7438
0.700	-0.1172	-0.0948	-0.0311	-0.1026	-0.7460
0.725	*******	-0.1074	*******	-0.1047	-0.7034
0.750	-0.1142	-0.1191	*******	-0.1075	-0.5534
0.775	*******	-0.1297	-0.0672	-0.1183	-0.3789
0.800	-0.1006	-0.1414	-0.0877	-0.1293	*******
0.825	*******	-0.1473	-0.1093	-0.1287	-0.3435
0.850	-0.0836	-0.1520	-0.1301	-0.1640	-0.3983
0.875	*******	-0.1511	-0.1485	-0.1877	-0.7318
0.900	-0.0611	-0.1494	-0.1626	-0.2157	-0.7057
0.925	*******	-0.1361	-0.1651	-0.2294	-1.0629
0.950	-0.0200	-0.1087	-0.1539	-0.2257	-0.4772
0.975	*******	-0.0704	-0.1149	-0.1916	-0.3498
1.000	0.1871	0.1515	0.1155	0.0632	0.0150
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0226	0.0401	0.1122	*******	-0.6812
-0.400	0.0037	0.0428	0.0765	-0.0732	-0.7064
-0.600	-0.0051	0.0283	0.0557	-0.0479	-0.7089
-0.700	0.0022	0.0045	0.0434	-0.0401	-0.7198
-0.800	0.0286	*******	0.0143	-0.0374	-0.6909
-0.850	*******	0.0080	0.0027	-0.0521	-0.7109
-0.900	*******	0.0357	0.0096	-0.0584	-0.7237
-0.950	0.1423	0.0955	0.0653	-0.0125	-0.3111
-0.975	*******	0.1537	0.1233	0.0538	-0.1562
-1.000	0.1627	0.1409	0.0861	0.0875	0.0275



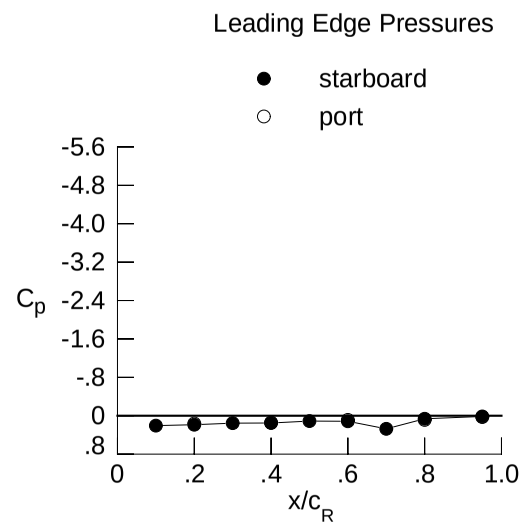
Medium Radius L.E.

Run No. = 16 , Point No. = 336

C_N = 0.069, C_m = -0.0118

α = 1.8 °, M_∞ = 0.850

$R_{mac} = 108.8 \times 10^6$

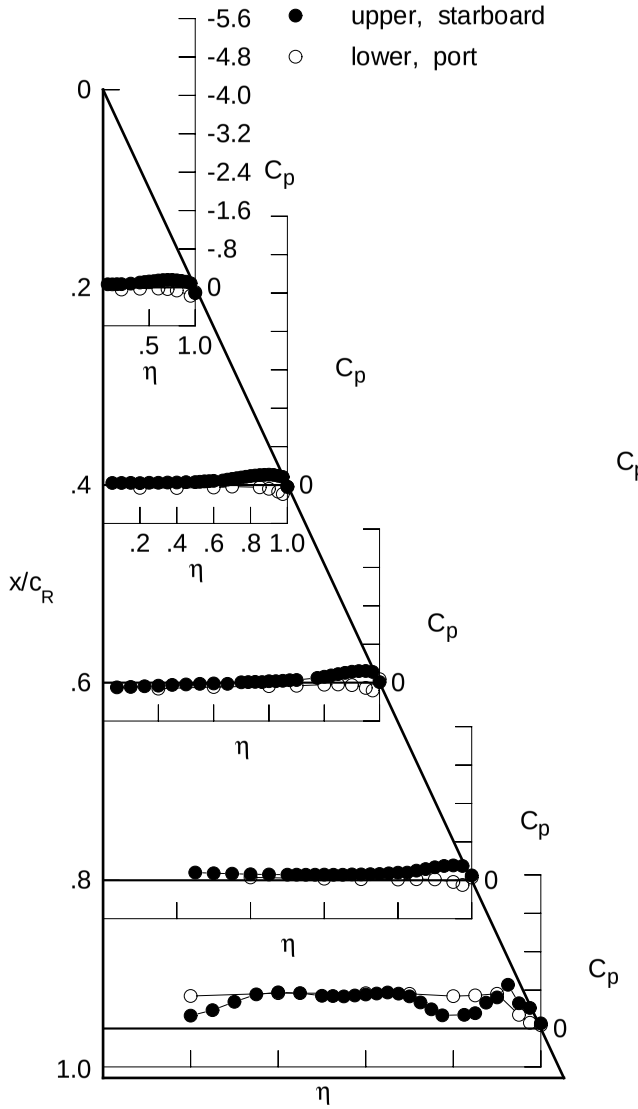


x/c_R	starb'd C_p	port C_p
0.10	0.2061	*******
0.20	0.1871	0.1627
0.30	0.1548	*******
0.40	0.1515	0.1409
0.50	0.1113	*******
0.60	0.1155	0.0861
0.70	0.2732	*******
0.80	0.0632	0.0875
0.90	*******	*******
0.95	0.0150	0.0275

Table E10. 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	-0.0645	-0.0435	0.0983	*******	*******
0.100	-0.0631	-0.0432	0.0894	*******	*******
0.150	-0.0662	-0.0449	0.0753	*******	*******
0.200	-0.0676	-0.0397	0.0630	*******	-0.2677
0.250	*******	-0.0471	0.0475	-0.1619	-0.3826
0.300	-0.0784	-0.0476	0.0376	-0.1462	-0.5556
0.350	*******	-0.0518	0.0252	-0.1374	-0.7112
0.400	-0.1007	-0.0529	0.0165	-0.1253	-0.7540
0.450	-0.1112	-0.0598	0.0244	-0.1206	-0.7375
0.500	-0.1230	-0.0611	-0.0071	-0.1166	-0.6814
0.525	*******	-0.0683	-0.0108	-0.1166	-0.6772
0.550	-0.1294	-0.0778	-0.0157	-0.1153	-0.6690
0.575	*******	-0.0811	-0.0112	-0.1159	-0.6877
0.600	-0.1436	-0.0875	-0.0295	-0.1184	-0.7085
0.625	*******	*******	-0.0301	-0.1154	-0.7288
0.650	-0.1522	-0.0948	-0.0385	-0.1150	-0.7501
0.675	*******	-0.1125	-0.0501	-0.1222	-0.7265
0.700	-0.1556	-0.1273	-0.0555	-0.1228	-0.6698
0.725	*******	-0.1424	*******	-0.1270	-0.5435
0.750	-0.1564	-0.1568	*******	-0.1315	-0.3998
0.775	*******	-0.1720	-0.0987	-0.1445	-0.2741
0.800	-0.1473	-0.1871	-0.1232	-0.1586	*******
0.825	*******	-0.1978	-0.1506	-0.1599	-0.2849
0.850	-0.1355	-0.2068	-0.1774	-0.2011	-0.3194
0.875	*******	-0.2120	-0.2039	-0.2336	-0.5383
0.900	-0.1185	-0.2164	-0.2272	-0.2712	-0.6483
0.925	*******	-0.2106	-0.2405	-0.2982	-0.9113
0.950	-0.0861	-0.1919	-0.2434	-0.3098	-0.5263
0.975	*******	-0.1684	-0.2234	-0.2986	-0.4287
1.000	0.1202	0.0371	-0.0113	-0.1017	-0.1072
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0440	0.0582	0.1251	*******	-0.6772
-0.400	0.0271	0.0614	0.0912	-0.0600	-0.7364
-0.600	0.0239	0.0515	0.0728	-0.0334	-0.7348
-0.700	0.0348	0.0323	0.0650	-0.0228	-0.7225
-0.800	0.0647	*******	0.0420	-0.0159	-0.6748
-0.850	*******	0.0474	0.0374	-0.0227	-0.6892
-0.900	*******	0.0784	0.0513	-0.0194	-0.7232
-0.950	0.1755	0.1373	0.1096	0.0349	-0.2848
-0.975	*******	0.1881	0.1631	0.0975	-0.1201
-1.000	0.0979	0.0358	-0.0724	-0.0573	-0.0687

Surface Pressures



Medium Radius L.E.

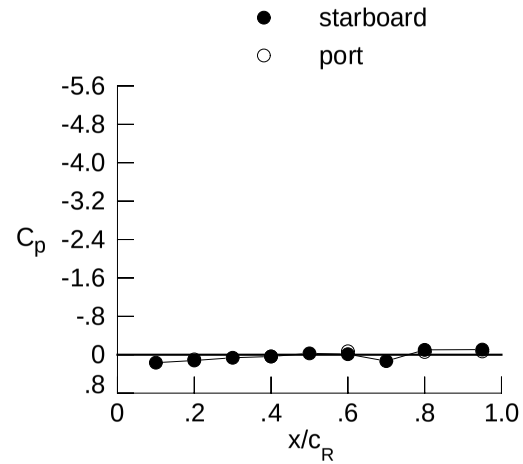
Run No. = 16 , Point No. = 337

C_N = 0.111, C_m = -0.0182

α = 2.9 °, M_∞ = 0.850

$R_{mac} = 108.8 \times 10^6$

Leading Edge Pressures

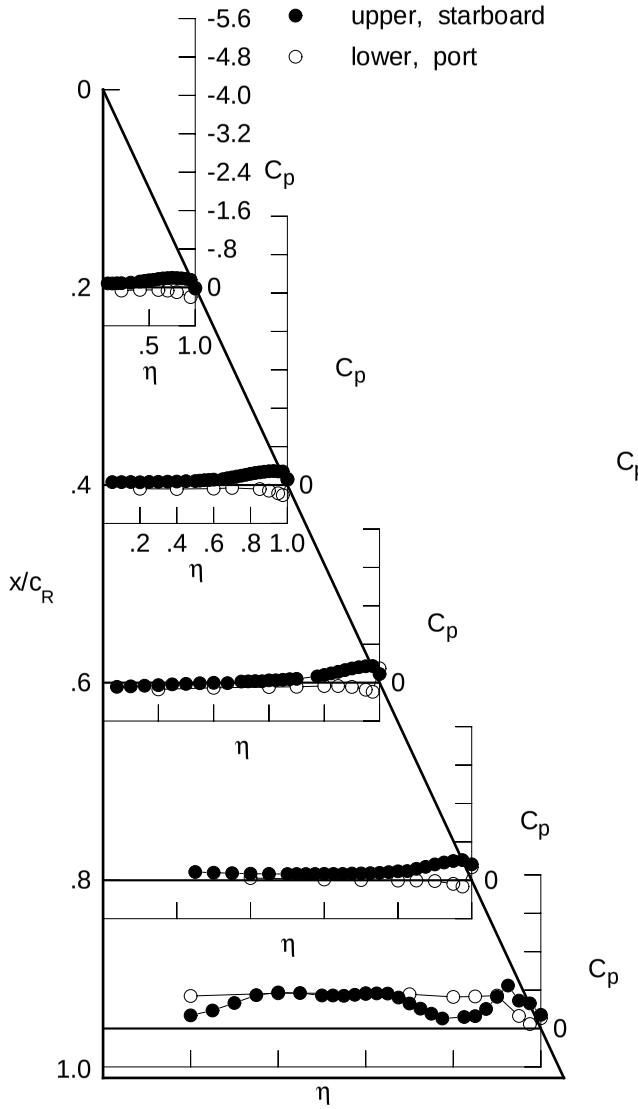


x/c_R	starb'd C_p	port C_p
0.10	0.1659	*******
0.20	0.1202	0.0979
0.30	0.0631	*******
0.40	0.0371	0.0358
0.50	-0.0282	*******
0.60	-0.0113	-0.0724
0.70	0.1326	*******
0.80	-0.1017	-0.0573
0.90	*******	*******
0.95	-0.1072	-0.0687

Table E10. 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	-0.0830	-0.0607	0.0874	*******	*******
0.100	-0.0816	-0.0611	0.0780	*******	*******
0.150	-0.0854	-0.0622	0.0644	*******	*******
0.200	-0.0875	-0.0572	0.0517	*******	-0.2736
0.250	*******	-0.0646	0.0361	-0.1729	-0.3753
0.300	-0.0984	-0.0661	0.0255	-0.1574	-0.5322
0.350	*******	-0.0708	0.0125	-0.1482	-0.6948
0.400	-0.1227	-0.0725	0.0030	-0.1371	-0.7513
0.450	-0.1350	-0.0806	0.0103	-0.1329	-0.7392
0.500	-0.1488	-0.0828	-0.0221	-0.1297	-0.6890
0.525	*******	-0.0912	-0.0264	-0.1305	-0.6877
0.550	-0.1577	-0.1008	-0.0322	-0.1293	-0.6819
0.575	*******	-0.1056	-0.0286	-0.1310	-0.7023
0.600	-0.1745	-0.1132	-0.0478	-0.1338	-0.7211
0.625	*******	*******	-0.0491	-0.1321	-0.7308
0.650	-0.1869	-0.1214	-0.0588	-0.1324	-0.7282
0.675	*******	-0.1417	-0.0720	-0.1398	-0.6446
0.700	-0.1938	-0.1588	-0.0790	-0.1428	-0.5207
0.725	*******	-0.1770	*******	-0.1480	-0.4137
0.750	-0.1992	-0.1945	*******	-0.1542	-0.3077
0.775	*******	-0.2137	-0.1301	-0.1699	-0.2086
0.800	-0.1947	-0.2333	-0.1594	-0.1871	*******
0.825	*******	-0.2501	-0.1927	-0.1919	-0.2403
0.850	-0.1887	-0.2641	-0.2255	-0.2391	-0.2578
0.875	*******	-0.2765	-0.2616	-0.2798	-0.4070
0.900	-0.1790	-0.2870	-0.2952	-0.3303	-0.6594
0.925	*******	-0.2919	-0.3212	-0.3707	-0.8953
0.950	-0.1578	-0.2843	-0.3406	-0.4017	-0.5811
0.975	*******	-0.2827	-0.3456	-0.4198	-0.5229
1.000	0.0249	-0.1298	-0.1795	-0.3327	-0.2858
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0667	0.0777	0.1402	*******	-0.6772
-0.400	0.0517	0.0821	0.1076	-0.0465	-0.7345
-0.600	0.0539	0.0752	0.0924	-0.0172	-0.7372
-0.700	0.0676	0.0603	0.0864	-0.0044	-0.7138
-0.800	0.0991	*******	0.0705	0.0067	-0.6577
-0.850	*******	0.0842	0.0706	0.0047	-0.6679
-0.900	*******	0.1173	0.0898	0.0158	-0.6863
-0.950	0.2028	0.1717	0.1471	0.0741	-0.2617
-0.975	*******	0.2108	0.1905	0.1293	-0.0927
-1.000	0.0056	-0.1092	-0.2979	-0.2719	-0.2147

Surface Pressures



Medium Radius L.E.

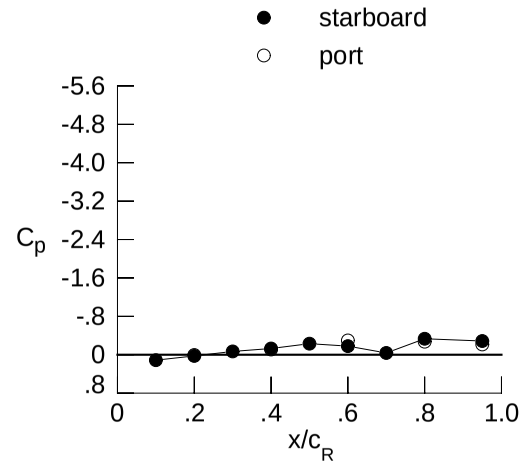
Run No. = 16 , Point No. = 338

C_N = 0.154, C_m = -0.0254

α = 3.9 °, M_∞ = 0.850

$R_{mac} = 108.9 \times 10^6$

Leading Edge Pressures

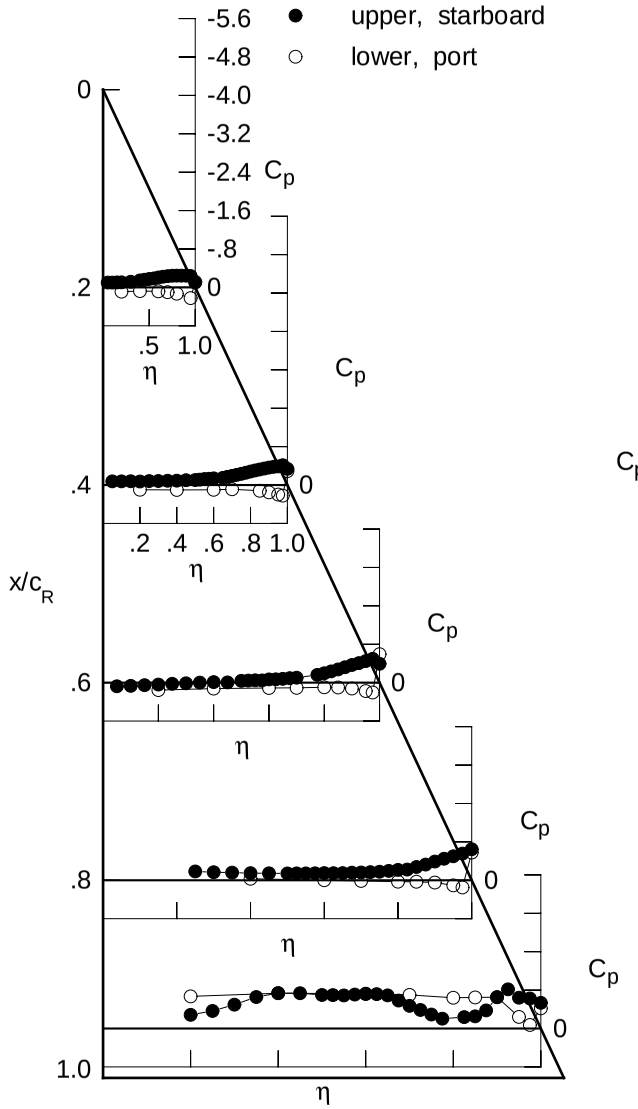


x/c_R	starb'd Cp	port Cp
0.10	0.1136	*******
0.20	0.0249	0.0056
0.30	-0.0686	*******
0.40	-0.1298	-0.1092
0.50	-0.2304	*******
0.60	-0.1795	-0.2979
0.70	-0.0370	*******
0.80	-0.3327	-0.2719
0.90	*******	*******
0.95	-0.2858	-0.2147

Table E10. 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	-0.1012	-0.0772	0.0761	*******	*******
0.100	-0.1001	-0.0768	0.0671	*******	*******
0.150	-0.1042	-0.0789	0.0530	*******	*******
0.200	-0.1059	-0.0740	0.0402	*******	-0.2848
0.250	*******	-0.0823	0.0243	-0.1841	-0.3656
0.300	-0.1178	-0.0837	0.0132	-0.1680	-0.4972
0.350	*******	-0.0896	-0.0006	-0.1604	-0.6563
0.400	-0.1452	-0.0911	-0.0112	-0.1488	-0.7368
0.450	-0.1595	-0.1007	-0.0048	-0.1457	-0.7354
0.500	-0.1750	-0.1043	-0.0380	-0.1427	-0.6984
0.525	*******	-0.1130	-0.0428	-0.1437	-0.6957
0.550	-0.1864	-0.1247	-0.0492	-0.1436	-0.6891
0.575	*******	-0.1301	-0.0464	-0.1455	-0.7068
0.600	-0.2064	-0.1389	-0.0674	-0.1496	-0.7186
0.625	*******	*******	-0.0693	-0.1481	-0.7162
0.650	-0.2224	-0.1497	-0.0795	-0.1495	-0.6906
0.675	*******	-0.1715	-0.0937	-0.1589	-0.5824
0.700	-0.2337	-0.1912	-0.1030	-0.1627	-0.4722
0.725	*******	-0.2124	*******	-0.1700	-0.3865
0.750	-0.2435	-0.2335	*******	-0.1780	-0.2912
0.775	*******	-0.2570	-0.1617	-0.1963	-0.2049
0.800	-0.2447	-0.2820	-0.1951	-0.2166	*******
0.825	*******	-0.3037	-0.2343	-0.2230	-0.2379
0.850	-0.2447	-0.3242	-0.2754	-0.2768	-0.2539
0.875	*******	-0.3437	-0.3210	-0.3273	-0.3770
0.900	-0.2440	-0.3636	-0.3684	-0.3905	-0.6519
0.925	*******	-0.3793	-0.4063	-0.4485	-0.8158
0.950	-0.2375	-0.3875	-0.4488	-0.5004	-0.6418
0.975	*******	-0.4126	-0.4962	-0.5562	-0.6260
1.000	-0.1008	-0.3379	-0.3925	-0.6467	-0.5355
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0890	0.0977	0.1553	*******	-0.6695
-0.400	0.0767	0.1024	0.1238	-0.0321	-0.7350
-0.600	0.0828	0.0990	0.1114	-0.0009	-0.7257
-0.700	0.0988	0.0877	0.1076	0.0139	-0.7004
-0.800	0.1311	*******	0.0968	0.0289	-0.6405
-0.850	*******	0.1192	0.1009	0.0306	-0.6470
-0.900	*******	0.1517	0.1225	0.0473	-0.6528
-0.950	0.2234	0.1984	0.1755	0.1054	-0.2420
-0.975	*******	0.2209	0.2050	0.1485	-0.0739
-1.000	-0.1152	-0.2899	-0.5929	-0.5775	-0.4202

Surface Pressures



Medium Radius L.E.

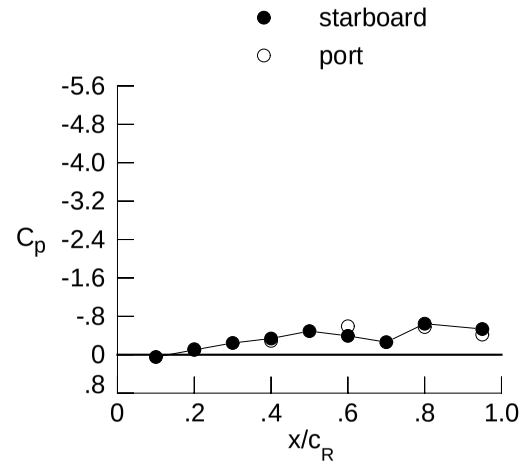
Run No. = 16 , Point No. = 339

C_N = 0.198, C_m = -0.0321

α = 5.0 °, M_∞ = 0.851

$R_{mac} = 109.0 \times 10^6$

Leading Edge Pressures

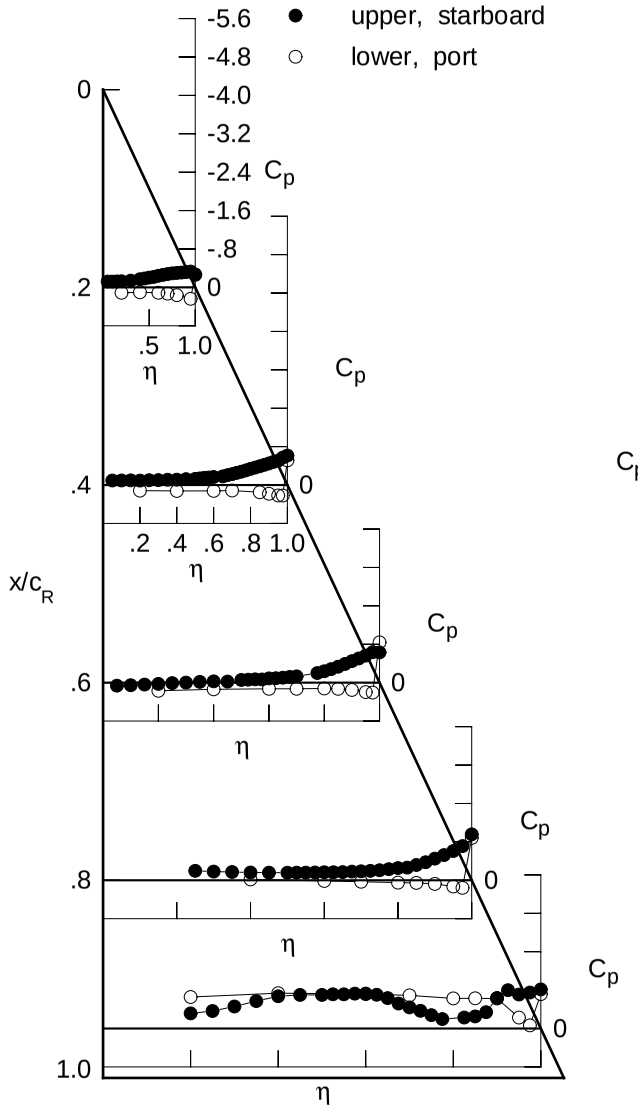


x/c_R	starb'd C_p	port C_p
0.10	0.0476	*******
0.20	-0.1008	-0.1152
0.30	-0.2445	*******
0.40	-0.3379	-0.2899
0.50	-0.4920	*******
0.60	-0.3925	-0.5929
0.70	-0.2614	*******
0.80	-0.6467	-0.5775
0.90	*******	*******
0.95	-0.5355	-0.4202

Table E10. 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	-0.1212	-0.0947	0.0636	*******	*******
0.100	-0.1212	-0.0955	0.0540	*******	*******
0.150	-0.1250	-0.0974	0.0404	*******	*******
0.200	-0.1279	-0.0930	0.0265	*******	-0.3153
0.250	*******	-0.1009	0.0097	-0.1967	-0.3646
0.300	-0.1404	-0.1032	-0.0005	-0.1813	-0.4584
0.350	*******	-0.1104	-0.0160	-0.1727	-0.5710
0.400	-0.1704	-0.1124	-0.0270	-0.1622	-0.6718
0.450	-0.1859	-0.1236	-0.0220	-0.1595	-0.7003
0.500	-0.2042	-0.1283	-0.0557	-0.1578	-0.7001
0.525	*******	-0.1383	-0.0620	-0.1593	-0.7131
0.550	-0.2187	-0.1509	-0.0688	-0.1592	-0.7117
0.575	*******	-0.1571	-0.0668	-0.1626	-0.7264
0.600	-0.2416	-0.1677	-0.0891	-0.1672	-0.7281
0.625	*******	*******	-0.0920	-0.1668	-0.7035
0.650	-0.2611	-0.1811	-0.1034	-0.1703	-0.6338
0.675	*******	-0.2058	-0.1194	-0.1807	-0.5202
0.700	-0.2780	-0.2269	-0.1310	-0.1870	-0.4396
0.725	*******	-0.2526	*******	-0.1970	-0.3687
0.750	-0.2929	-0.2776	*******	-0.2093	-0.2782
0.775	*******	-0.3058	-0.2003	-0.2315	-0.1971
0.800	-0.3012	-0.3367	-0.2368	-0.2540	*******
0.825	*******	-0.3639	-0.2813	-0.2640	-0.2291
0.850	-0.3088	-0.3914	-0.3316	-0.3187	-0.2523
0.875	*******	-0.4207	-0.3893	-0.3760	-0.3402
0.900	-0.3196	-0.4505	-0.4477	-0.4512	-0.6371
0.925	*******	-0.4822	-0.5033	-0.5254	-0.7984
0.950	-0.3301	-0.5079	-0.5640	-0.6100	-0.7079
0.975	*******	-0.5720	-0.6354	-0.7125	-0.7494
1.000	-0.2615	-0.6146	-0.6299	-0.9577	-0.8147
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1123	0.1164	0.1695	*******	-0.6557
-0.400	0.1017	0.1230	0.1388	-0.0185	-0.7359
-0.600	0.1111	0.1219	0.1286	0.0142	-0.7171
-0.700	0.1295	0.1140	0.1282	0.0301	-0.6904
-0.800	0.1619	*******	0.1214	0.0488	-0.6269
-0.850	*******	0.1506	0.1290	0.0543	-0.6295
-0.900	*******	0.1813	0.1517	0.0752	-0.6246
-0.950	0.2373	0.2172	0.1965	0.1293	-0.2282
-0.975	*******	0.2196	0.2074	0.1565	-0.0660
-1.000	-0.2704	-0.5139	-0.8399	-0.8819	-0.7161

Surface Pressures



Medium Radius L.E.

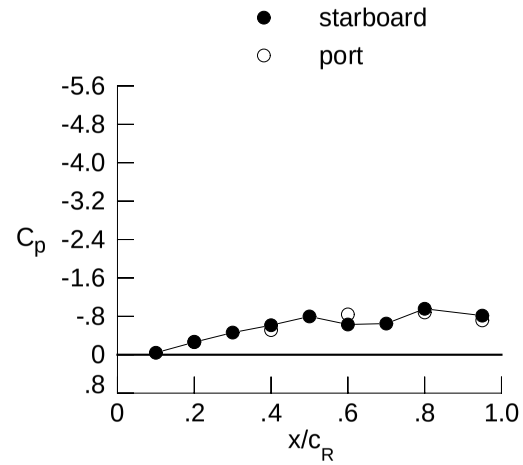
Run No. = 16 , Point No. = 340

C_N = 0.243, C_m = -0.0394

α = 6.1 °, M_∞ = 0.850

$R_{mac} = 108.8 \times 10^6$

Leading Edge Pressures

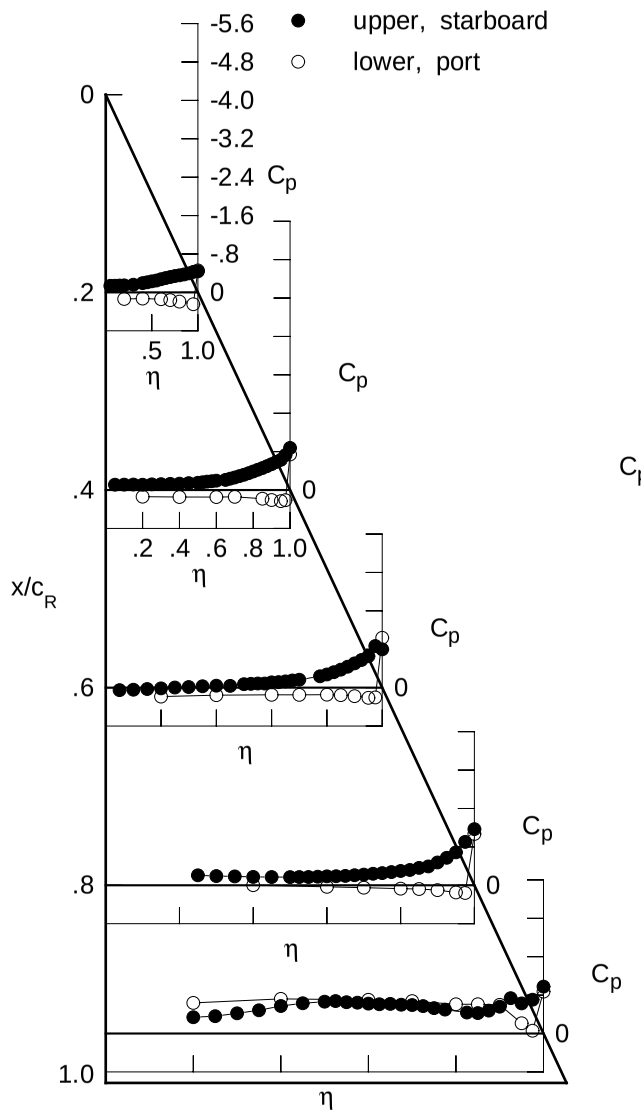


x/c_R	starb'd Cp	port Cp
0.10	-0.0410	*******
0.20	-0.2615	-0.2704
0.30	-0.4613	*******
0.40	-0.6146	-0.5139
0.50	-0.7975	*******
0.60	-0.6299	-0.8399
0.70	-0.6490	*******
0.80	-0.9577	-0.8819
0.90	*******	*******
0.95	-0.8147	-0.7161

Table E10. 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	-0.1380	-0.1112	0.0524	*******	*******
0.100	-0.1390	-0.1124	0.0430	*******	*******
0.150	-0.1431	-0.1148	0.0289	*******	*******
0.200	-0.1463	-0.1106	0.0150	*******	-0.3391
0.250	*******	-0.1187	-0.0022	-0.2077	-0.3610
0.300	-0.1601	-0.1224	-0.0131	-0.1922	-0.4205
0.350	*******	-0.1292	-0.0289	-0.1852	-0.4844
0.400	-0.1927	-0.1330	-0.0407	-0.1743	-0.5730
0.450	-0.2100	-0.1444	-0.0370	-0.1718	-0.6300
0.500	-0.2305	-0.1510	-0.0721	-0.1705	-0.6634
0.525	*******	-0.1619	-0.0790	-0.1723	-0.6756
0.550	-0.2475	-0.1756	-0.0866	-0.1730	-0.6522
0.575	*******	-0.1833	-0.0855	-0.1788	-0.6426
0.600	-0.2743	-0.1949	-0.1102	-0.1864	-0.6222
0.625	*******	*******	-0.1155	-0.1888	-0.6094
0.650	-0.2981	-0.2109	-0.1303	-0.1951	-0.6167
0.675	*******	-0.2371	-0.1493	-0.2095	-0.6003
0.700	-0.3199	-0.2618	-0.1651	-0.2222	-0.5928
0.725	*******	-0.2893	*******	-0.2397	-0.5713
0.750	-0.3408	-0.3186	*******	-0.2532	-0.5290
0.775	*******	-0.3514	-0.2369	-0.2750	-0.4982
0.800	-0.3560	-0.3866	-0.2745	-0.2987	*******
0.825	*******	-0.4226	-0.3215	-0.3189	-0.4369
0.850	-0.3733	-0.4573	-0.3742	-0.3620	-0.4252
0.875	*******	-0.4977	-0.4362	-0.3926	-0.4764
0.900	-0.3958	-0.5392	-0.5055	-0.4748	-0.5581
0.925	*******	-0.5852	-0.5763	-0.5729	-0.7357
0.950	-0.4263	-0.6289	-0.6555	-0.6863	-0.6273
0.975	*******	-0.7283	-0.8668	-0.9044	-0.7043
1.000	-0.4382	-0.8773	-0.7983	-1.1697	-0.9770
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1371	0.1385	0.1864	*******	-0.6379
-0.400	0.1286	0.1455	0.1569	-0.0023	-0.7212
-0.600	0.1413	0.1464	0.1491	0.0321	-0.7022
-0.700	0.1606	0.1417	0.1500	0.0497	-0.6753
-0.800	0.1921	*******	0.1466	0.0701	-0.6089
-0.850	*******	0.1806	0.1560	0.0775	-0.6098
-0.900	*******	0.2082	0.1777	0.1007	-0.5972
-0.950	0.2468	0.2312	0.2118	0.1489	-0.2138
-0.975	*******	0.2113	0.2038	0.1601	-0.0585
-1.000	-0.4572	-0.7417	-1.0386	-1.0699	-0.8726

Surface Pressures



Medium Radius L.E.

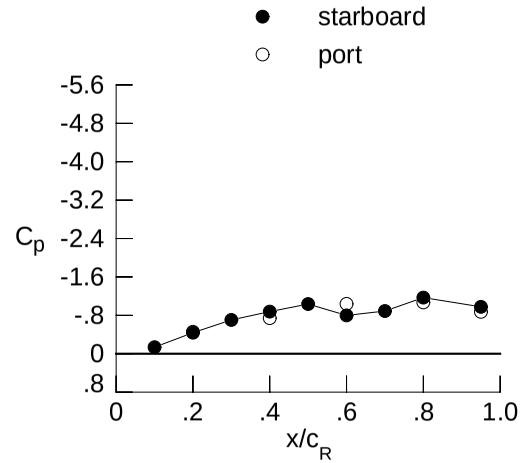
Run No. = 16 , Point No. = 341

C_N = 0.292, C_m = -0.0484

α = 7.1 °, M_∞ = 0.849

$R_{mac} = 108.9 \times 10^6$

Leading Edge Pressures

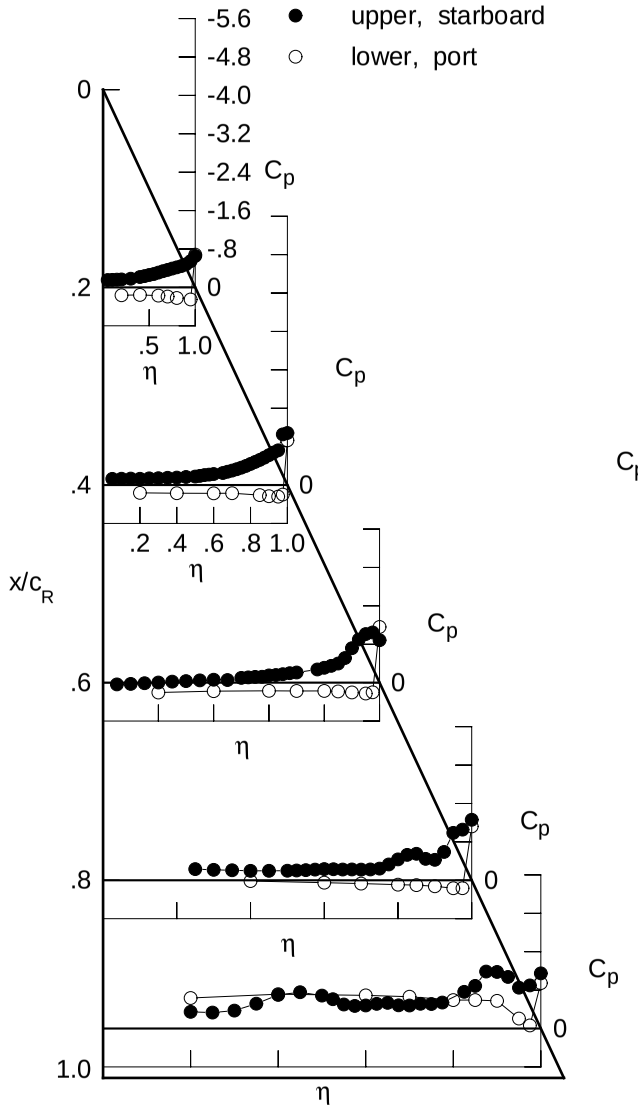


x/c_R	starb'd C_p	port C_p
0.10	-0.1361	*******
0.20	-0.4382	-0.4572
0.30	-0.7039	*******
0.40	-0.8773	-0.7417
0.50	-1.0350	*******
0.60	-0.7983	-1.0386
0.70	-0.8896	*******
0.80	-1.1697	-1.0699
0.90	*******	*******
0.95	-0.9770	-0.8726

Table E10. 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	-0.1537	-0.1289	0.0366	*******	*******
0.100	-0.1571	-0.1312	0.0266	*******	*******
0.150	-0.1617	-0.1346	0.0117	*******	*******
0.200	-0.1658	-0.1304	-0.0023	*******	-0.3469
0.250	*******	-0.1396	-0.0204	-0.2330	-0.3321
0.300	-0.1811	-0.1425	-0.0317	-0.2176	-0.3732
0.350	*******	-0.1513	-0.0472	-0.2087	-0.5170
0.400	-0.2159	-0.1551	-0.0611	-0.1972	-0.7000
0.450	-0.2350	-0.1684	-0.0546	-0.1979	-0.7556
0.500	-0.2581	-0.1769	-0.0993	-0.1989	-0.6852
0.525	*******	-0.1905	-0.1092	-0.2040	-0.6107
0.550	-0.2785	-0.2069	-0.1200	-0.2116	-0.5002
0.575	*******	-0.2167	-0.1224	-0.2226	-0.4707
0.600	-0.3081	-0.2299	-0.1500	-0.2336	-0.4800
0.625	*******	*******	-0.1580	-0.2301	-0.5135
0.650	-0.3374	-0.2502	-0.1760	-0.2239	-0.5341
0.675	*******	-0.2766	-0.1968	-0.2260	-0.4830
0.700	-0.3643	-0.3011	-0.2111	-0.2224	-0.4791
0.725	*******	-0.3297	*******	-0.2255	-0.5155
0.750	-0.3920	-0.3615	*******	-0.2434	-0.5106
0.775	*******	-0.3978	-0.2745	-0.3293	-0.5404
0.800	-0.4175	-0.4391	-0.3097	-0.4352	*******
0.825	*******	-0.4810	-0.3498	-0.5299	-0.7638
0.850	-0.4445	-0.5231	-0.3974	-0.5523	-0.8883
0.875	*******	-0.5703	-0.5125	-0.4467	-1.1863
0.900	-0.4806	-0.6223	-0.7179	-0.4262	-1.1786
0.925	*******	-0.6772	-0.8981	-0.5903	-1.0744
0.950	-0.5460	-0.7228	-1.0121	-0.9881	-0.8502
0.975	*******	-1.0553	-1.0455	-1.0551	-0.8973
1.000	-0.6556	-1.0836	-0.8837	-1.2608	-1.1486
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1640	0.1628	0.2057	*******	-0.6356
-0.400	0.1565	0.1706	0.1773	0.0157	-0.7149
-0.600	0.1716	0.1731	0.1703	0.0499	-0.6905
-0.700	0.1916	0.1701	0.1740	0.0684	-0.6622
-0.800	0.2210	*******	0.1724	0.0911	-0.5919
-0.850	*******	0.2099	0.1835	0.1007	-0.5931
-0.900	*******	0.2331	0.2039	0.1247	-0.5759
-0.950	0.2511	0.2414	0.2266	0.1658	-0.2074
-0.975	*******	0.1984	0.2007	0.1648	-0.0637
-1.000	-0.6824	-0.9313	-1.1601	-1.1224	-0.9452

Surface Pressures



Medium Radius L.E.

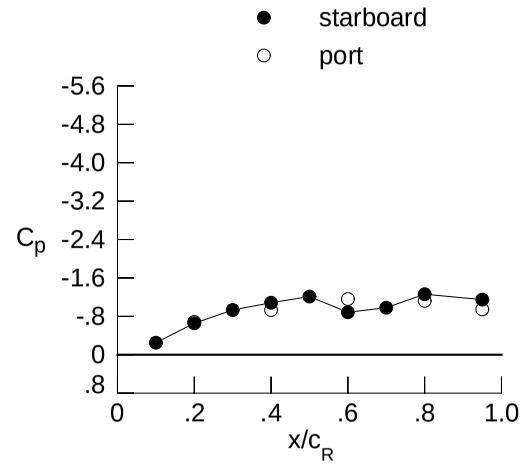
Run No. = 16 , Point No. = 342

C_N = 0.358, C_m = -0.0650

α = 8.2 °, M_∞ = 0.849

$R_{mac} = 108.8 \times 10^6$

Leading Edge Pressures

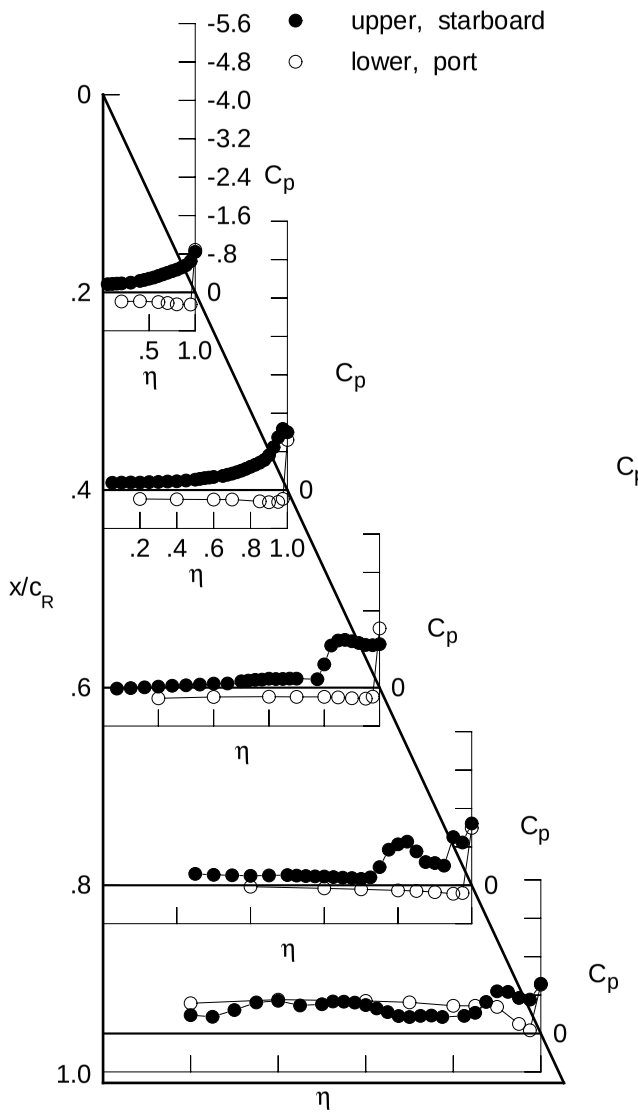


x/c_R	starb'd C_p	port C_p
0.10	-0.2502	*******
0.20	-0.6556	-0.6824
0.30	-0.9310	*******
0.40	-1.0836	-0.9313
0.50	-1.2119	*******
0.60	-0.8837	-1.1601
0.70	-0.9803	*******
0.80	-1.2608	-1.1224
0.90	*******	*******
0.95	-1.1486	-0.9452

Table E10. Continued.

η	x/c_R .2 C_p,u	x/c_R .4 C_p,u	x/c_R .6 C_p,u	x/c_R .8 C_p,u	x/c_R .95 C_p,u
0.050	-0.1705	-0.1509	0.0197	*******	*******
0.100	-0.1761	-0.1548	0.0095	*******	*******
0.150	-0.1821	-0.1575	-0.0062	*******	*******
0.200	-0.1872	-0.1553	-0.0205	*******	-0.3827
0.250	*******	-0.1646	-0.0388	-0.2376	-0.3477
0.300	-0.2024	-0.1690	-0.0486	-0.2173	-0.4887
0.350	*******	-0.1773	-0.0638	-0.2078	-0.6475
0.400	-0.2394	-0.1824	-0.0842	-0.1968	-0.6818
0.450	-0.2607	-0.1981	-0.0861	-0.2051	-0.5840
0.500	-0.2857	-0.2159	-0.1317	-0.2129	-0.6092
0.525	*******	-0.2323	-0.1467	-0.2013	-0.6671
0.550	-0.3094	-0.2480	-0.1623	-0.1929	-0.6630
0.575	*******	-0.2590	-0.1673	-0.1855	-0.6437
0.600	-0.3427	-0.2728	-0.1863	-0.1828	-0.5929
0.625	*******	*******	-0.1790	-0.1711	-0.5226
0.650	-0.3757	-0.2936	-0.1808	-0.1587	-0.4454
0.675	*******	-0.3186	-0.1882	-0.1502	-0.3639
0.700	-0.4084	-0.3419	-0.1871	-0.1326	-0.3434
0.725	*******	-0.3705	*******	-0.1651	-0.3674
0.750	-0.4428	-0.4036	*******	-0.3781	-0.3735
0.775	*******	-0.4417	-0.1749	-0.7415	-0.3437
0.800	-0.4740	-0.4846	-0.4838	-0.8538	*******
0.825	*******	-0.5257	-0.8772	-0.9088	-0.3669
0.850	-0.5170	-0.5702	-0.9814	-0.7057	-0.4313
0.875	*******	-0.6265	-0.9949	-0.4839	-0.6578
0.900	-0.5648	-0.7223	-0.9665	-0.4631	-0.8791
0.925	*******	-0.8913	-0.9308	-0.4088	-0.8668
0.950	-0.6512	-1.0976	-0.8889	-1.0043	-0.7411
0.975	*******	-1.2727	-0.8843	-0.8910	-0.7061
1.000	-0.8439	-1.2042	-0.9056	-1.2879	-1.0361
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1897	0.1862	0.2224	*******	-0.6300
-0.400	0.1845	0.1939	0.1942	0.0299	-0.7058
-0.600	0.2013	0.1984	0.1885	0.0642	-0.6792
-0.700	0.2217	0.1974	0.1930	0.0837	-0.6492
-0.800	0.2487	*******	0.1923	0.1074	-0.5780
-0.850	*******	0.2362	0.2030	0.1183	-0.5770
-0.900	*******	0.2544	0.2205	0.1426	-0.5542
-0.950	0.2517	0.2483	0.2299	0.1763	-0.1993
-0.975	*******	0.1846	0.1875	0.1611	-0.0665
-1.000	-0.8852	-1.0430	-1.2333	-1.1946	-1.0186

Surface Pressures



Medium Radius L.E.

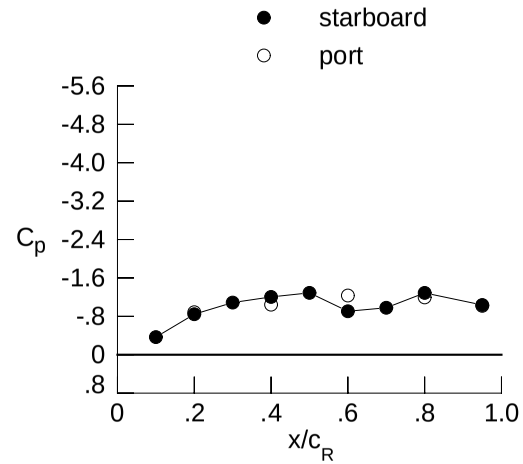
Run No. = 16 , Point No. = 343

C_N = 0.404, C_m = -0.0693

α = 9.3 °, M_∞ = 0.850

$R_{mac} = 108.8 \times 10^6$

Leading Edge Pressures

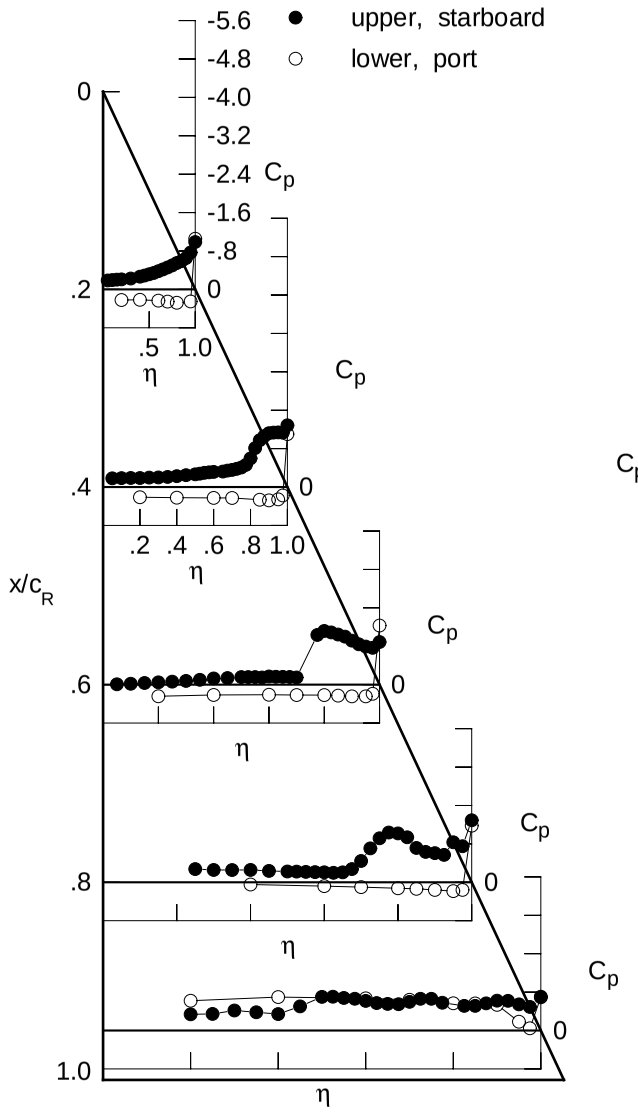


x/c_R	starb'd C_p	port C_p
0.10	-0.3669	*******
0.20	-0.8439	-0.8852
0.30	-1.0867	*******
0.40	-1.2042	-1.0430
0.50	-1.2891	*******
0.60	-0.9056	-1.2333
0.70	-0.9783	*******
0.80	-1.2879	-1.1946
0.90	*******	*******
0.95	-1.0361	-1.0186

Table E10. 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	-0.1865	-0.1814	-0.0070	*******	*******
0.100	-0.1944	-0.1860	-0.0180	*******	*******
0.150	-0.2030	-0.1890	-0.0347	*******	*******
0.200	-0.2091	-0.1880	-0.0481	*******	-0.3373
0.250	*******	-0.1970	-0.0620	-0.2753	-0.3454
0.300	-0.2267	-0.2000	-0.0779	-0.2571	-0.4168
0.350	*******	-0.2106	-0.1006	-0.2549	-0.3803
0.400	-0.2652	-0.2260	-0.1290	-0.2576	-0.3421
0.450	-0.2877	-0.2473	-0.1380	-0.2366	-0.5021
0.500	-0.3153	-0.2646	-0.1580	-0.2248	-0.7012
0.525	*******	-0.2781	-0.1577	-0.2222	-0.7043
0.550	-0.3425	-0.2970	-0.1577	-0.2167	-0.6781
0.575	*******	-0.3063	-0.1485	-0.2117	-0.6614
0.600	-0.3789	-0.3152	-0.1701	-0.2080	-0.6171
0.625	*******	*******	-0.1644	-0.1978	-0.5718
0.650	-0.4167	-0.3224	-0.1623	-0.2073	-0.5547
0.675	*******	-0.3427	-0.1599	-0.2752	-0.5480
0.700	-0.4568	-0.3568	-0.1495	-0.4436	-0.5972
0.725	*******	-0.3796	*******	-0.7062	-0.6607
0.750	-0.4996	-0.4074	*******	-0.9167	-0.6612
0.775	*******	-0.4614	-1.0350	-1.0371	-0.5782
0.800	-0.5496	-0.5969	-1.1182	-1.0186	*******
0.825	*******	-0.8114	-1.0884	-0.9376	-0.5140
0.850	-0.5878	-0.9749	-1.0436	-0.7149	-0.5137
0.875	*******	-1.0620	-1.0002	-0.6328	-0.5659
0.900	-0.6517	-1.1219	-0.9171	-0.6069	-0.6217
0.925	*******	-1.1343	-0.8406	-0.5716	-0.6188
0.950	-0.7697	-1.1383	-0.7933	-0.8339	-0.5448
0.975	*******	-1.1317	-0.7675	-0.7509	-0.4914
1.000	-0.9867	-1.2855	-0.8884	-1.2918	-0.7042
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2213	0.2127	0.2420	*******	-0.6203
-0.400	0.2165	0.2216	0.2150	0.0464	-0.6965
-0.600	0.2347	0.2266	0.2102	0.0800	-0.6701
-0.700	0.2547	0.2276	0.2164	0.1004	-0.6398
-0.800	0.2783	*******	0.2177	0.1247	-0.5674
-0.850	*******	0.2644	0.2287	0.1364	-0.5640
-0.900	*******	0.2773	0.2441	0.1588	-0.5347
-0.950	0.2513	0.2571	0.2444	0.1843	-0.1834
-0.975	*******	0.1752	0.1908	0.1581	-0.0463
-1.000	-1.0549	-1.1024	-1.2313	-1.1792	-0.6920

Surface Pressures



Medium Radius L.E.

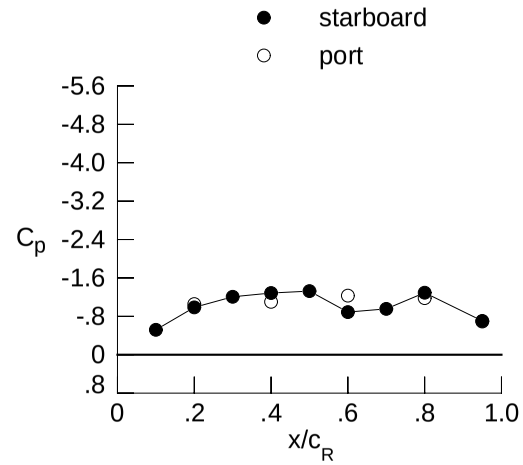
Run No. = 16 , Point No. = 344

C_N = 0.473, C_m = -0.0805

α = 10.4 °, M_∞ = 0.850

$R_{mac} = 108.8 \times 10^6$

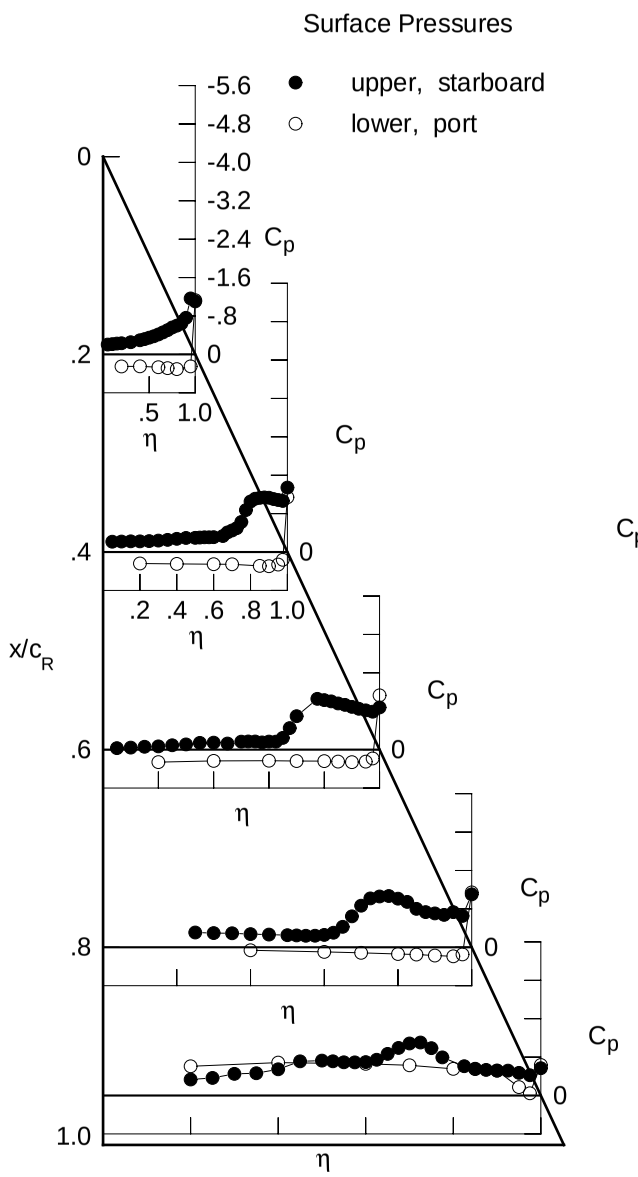
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.5188	*******
0.20	-0.9867	-1.0549
0.30	-1.2073	*******
0.40	-1.2855	-1.1024
0.50	-1.3254	*******
0.60	-0.8884	-1.2313
0.70	-0.9554	*******
0.80	-1.2918	-1.1792
0.90	*******	*******
0.95	-0.7042	-0.6920

Table E10. 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	-0.2046	-0.2153	-0.0313	*******	*******
0.100	-0.2133	-0.2181	-0.0424	*******	*******
0.150	-0.2254	-0.2233	-0.0601	*******	*******
0.200	-0.2323	-0.2222	-0.0680	*******	-0.3339
0.250	*******	-0.2277	-0.0910	-0.3079	-0.3663
0.300	-0.2533	-0.2383	-0.1085	-0.2959	-0.4509
0.350	*******	-0.2537	-0.1406	-0.2919	-0.4644
0.400	-0.2944	-0.2756	-0.1459	-0.2742	-0.5460
0.450	-0.3187	-0.2934	-0.1271	-0.2650	-0.7119
0.500	-0.3483	-0.2963	-0.1662	-0.2517	-0.7270
0.525	*******	-0.3018	-0.1701	-0.2474	-0.7127
0.550	-0.3774	-0.3075	-0.1692	-0.2401	-0.6921
0.575	*******	-0.3070	-0.1501	-0.2407	-0.6905
0.600	-0.4154	-0.3095	-0.1682	-0.2572	-0.6960
0.625	*******	*******	-0.1662	-0.3031	-0.7444
0.650	-0.4584	-0.3337	-0.2447	-0.4264	-0.8674
0.675	*******	-0.4087	-0.4490	-0.6445	-0.9912
0.700	-0.5051	-0.4492	-0.6967	-0.8667	-1.0836
0.725	*******	-0.4972	*******	-1.0185	-1.1041
0.750	-0.5608	-0.6267	*******	-1.0584	-0.9867
0.775	*******	-0.8742	-1.0580	-1.0681	-0.7948
0.800	-0.5985	-1.0525	-1.0319	-1.0129	*******
0.825	*******	-1.1101	-1.0057	-0.9459	-0.6100
0.850	-0.6444	-1.1286	-0.9623	-0.8004	-0.5574
0.875	*******	-1.1376	-0.9328	-0.7331	-0.5337
0.900	-0.7622	-1.1312	-0.8911	-0.7060	-0.5207
0.925	*******	-1.1042	-0.8513	-0.6751	-0.5181
0.950	-1.1652	-1.0842	-0.8181	-0.7322	-0.4720
0.975	*******	-1.0645	-0.7901	-0.6533	-0.4220
1.000	-1.1043	-1.3426	-0.8791	-1.1035	-0.5687
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2514	0.2387	0.2603	*******	-0.6087
-0.400	0.2486	0.2474	0.2348	0.0622	-0.6855
-0.600	0.2674	0.2535	0.2304	0.0959	-0.6601
-0.700	0.2866	0.2555	0.2372	0.1155	-0.6297
-0.800	0.3061	*******	0.2390	0.1402	-0.5552
-0.850	*******	0.2886	0.2491	0.1508	-0.5502
-0.900	*******	0.2953	0.2611	0.1719	-0.5160
-0.950	0.2492	0.2608	0.2496	0.1877	-0.1750
-0.975	*******	0.1614	0.1831	0.1482	-0.0462
-1.000	-1.1294	-1.1411	-1.1315	-1.1431	-0.6363



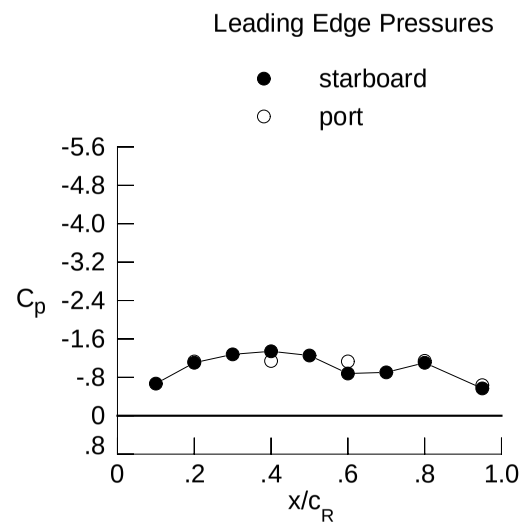
Medium Radius L.E.

Run No. = 16 , Point No. = 345

C_N = 0.542, C_m = -0.0924

α = 11.4 °, M_∞ = 0.851

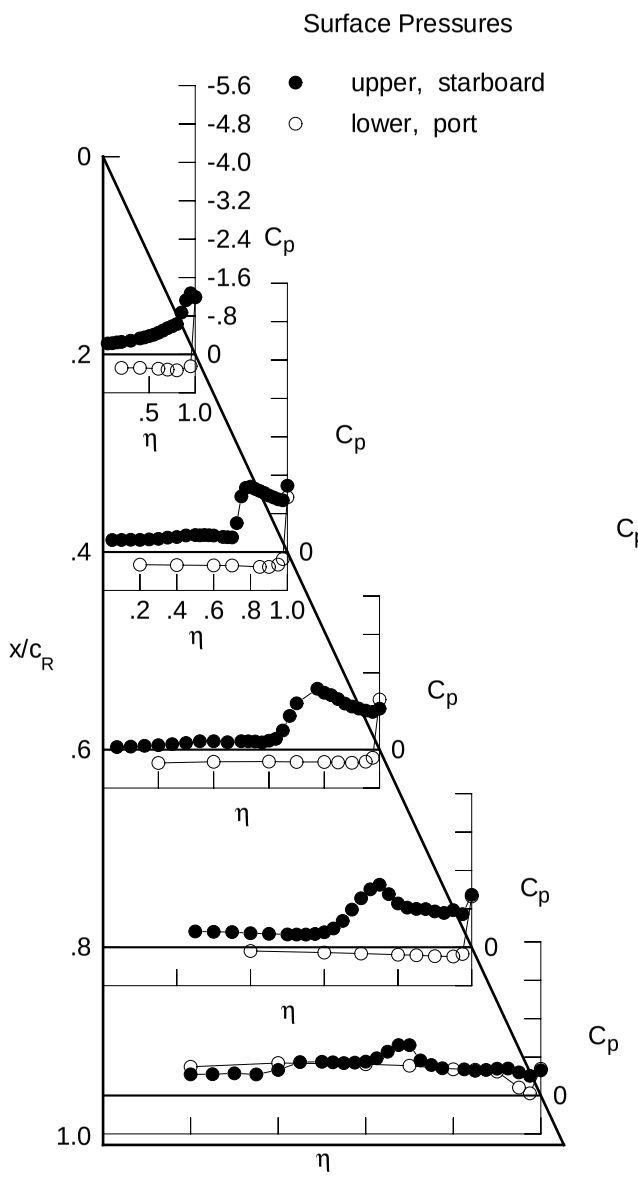
$R_{mac} = 108.8 \times 10^6$



x/c_R	starb'd C_p	port C_p
0.10	-0.6685	*******
0.20	-1.1043	-1.1294
0.30	-1.2786	*******
0.40	-1.3426	-1.1411
0.50	-1.2548	*******
0.60	-0.8791	-1.1315
0.70	-0.9035	*******
0.80	-1.1035	-1.1431
0.90	*******	*******
0.95	-0.5687	-0.6363

Table E10. 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	-0.2271	-0.2501	-0.0532	*******	*******
0.100	-0.2329	-0.2511	-0.0635	*******	*******
0.150	-0.2495	-0.2559	-0.0802	*******	*******
0.200	-0.2602	-0.2531	-0.0932	*******	-0.4411
0.250	*******	-0.2631	-0.1133	-0.3300	-0.4437
0.300	-0.2852	-0.2746	-0.1382	-0.3226	-0.4619
0.350	*******	-0.3001	-0.1748	-0.3171	-0.4389
0.400	-0.3318	-0.3126	-0.1750	-0.2926	-0.5321
0.450	-0.3532	-0.3458	-0.1548	-0.2809	-0.6961
0.500	-0.3806	-0.3532	-0.1755	-0.2673	-0.7023
0.525	*******	-0.3484	-0.1733	-0.2659	-0.6915
0.550	-0.4099	-0.3545	-0.1700	-0.2649	-0.6754
0.575	*******	-0.3498	-0.1506	-0.2772	-0.6847
0.600	-0.4504	-0.3437	-0.1872	-0.3130	-0.7056
0.625	*******	*******	-0.2253	-0.3916	-0.7760
0.650	-0.4961	-0.3140	-0.3980	-0.5487	-0.9129
0.675	*******	-0.3087	-0.7021	-0.7852	-1.0508
0.700	-0.5460	-0.3045	-0.9651	-1.0210	-1.0484
0.725	*******	-0.6020	*******	-1.2074	-0.7309
0.750	-0.5863	-1.1583	*******	-1.3032	-0.6354
0.775	*******	-1.3375	-1.2686	-1.1076	-0.5673
0.800	-0.6320	-1.3625	-1.1860	-0.9126	*******
0.825	*******	-1.3151	-1.1352	-0.8267	-0.5449
0.850	-0.8715	-1.2719	-1.0517	-0.7992	-0.5151
0.875	*******	-1.2296	-0.9596	-0.7957	-0.5324
0.900	-1.1279	-1.1758	-0.8988	-0.7460	-0.5591
0.925	*******	-1.1373	-0.8563	-0.7154	-0.5626
0.950	-1.2731	-1.0988	-0.8125	-0.7730	-0.4813
0.975	*******	-1.0777	-0.7860	-0.6894	-0.4101
1.000	-1.1963	-1.3818	-0.8533	-1.0931	-0.5241
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2815	0.2634	0.2776	*******	-0.5984
-0.400	0.2797	0.2722	0.2526	0.0773	-0.6771
-0.600	0.2988	0.2785	0.2487	0.1101	-0.6520
-0.700	0.3167	0.2809	0.2565	0.1306	-0.6204
-0.800	0.3321	*******	0.2574	0.1542	-0.5454
-0.850	*******	0.3099	0.2661	0.1656	-0.5370
-0.900	*******	0.3101	0.2740	0.1853	-0.4983
-0.950	0.2470	0.2625	0.2502	0.1920	-0.1659
-0.975	*******	0.1468	0.1697	0.1391	-0.0447
-1.000	-1.1884	-1.1410	-1.0439	-1.0593	-0.5570



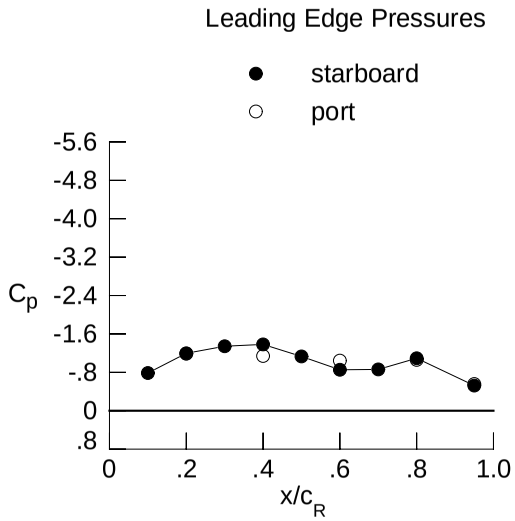
Medium Radius L.E.

Run No. = 16 , Point No. = 346

C_N = 0.598, C_m = -0.0989

α = 12.5 °, M_∞ = 0.849

$R_{mac} = 108.6 \times 10^6$

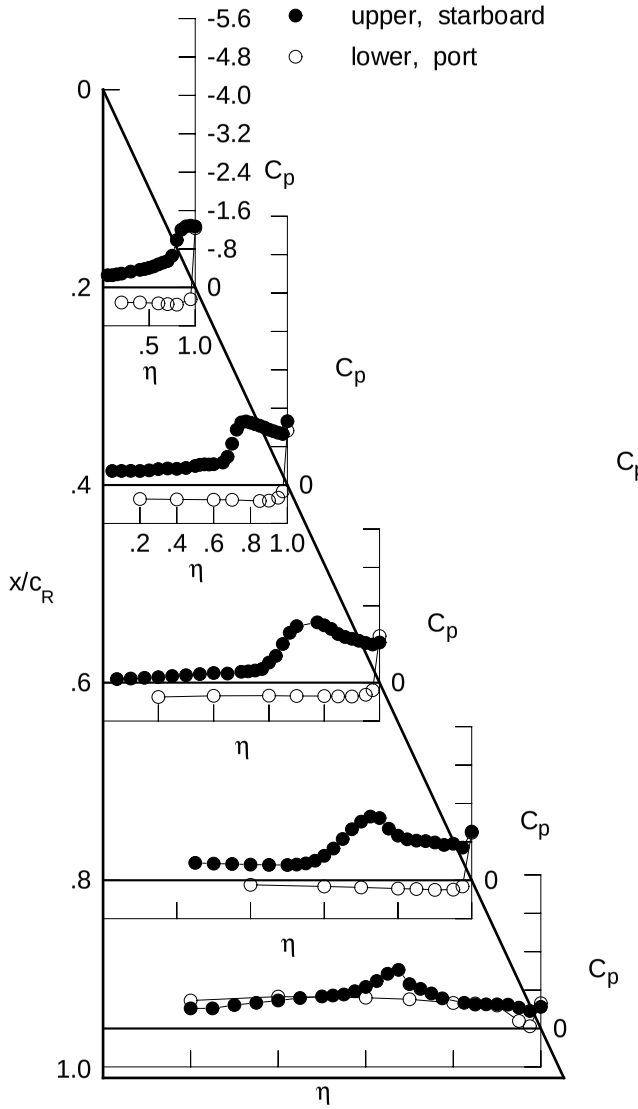


x/c_R	starb'd C_p	port C_p
0.10	-0.7855	*******
0.20	-1.1963	-1.1884
0.30	-1.3436	*******
0.40	-1.3818	-1.1410
0.50	-1.1309	*******
0.60	-0.8533	-1.0439
0.70	-0.8604	*******
0.80	-1.0931	-1.0593
0.90	*******	*******
0.95	-0.5241	-0.5570

Table E10. 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	-0.2529	-0.2930	-0.0745	*******	*******
0.100	-0.2536	-0.2938	-0.0856	*******	*******
0.150	-0.2718	-0.2955	-0.1005	*******	*******
0.200	-0.2870	-0.2928	-0.1135	*******	-0.4195
0.250	*******	-0.3057	-0.1376	-0.3633	-0.4194
0.300	-0.3291	-0.3321	-0.1545	-0.3473	-0.4890
0.350	*******	-0.3449	-0.1788	-0.3401	-0.5354
0.400	-0.3655	-0.3374	-0.2008	-0.3263	-0.5839
0.450	-0.3825	-0.3561	-0.1893	-0.3210	-0.6351
0.500	-0.4082	-0.3978	-0.2268	-0.3183	-0.6681
0.525	*******	-0.4218	-0.2351	-0.3271	-0.6869
0.550	-0.4378	-0.4310	-0.2517	-0.3514	-0.7087
0.575	*******	-0.4272	-0.2839	-0.4081	-0.7768
0.600	-0.4794	-0.4335	-0.4183	-0.5103	-0.8665
0.625	*******	*******	-0.5580	-0.6617	-0.9899
0.650	-0.5156	-0.4684	-0.8045	-0.8598	-1.1408
0.675	*******	-0.5891	-1.0379	-1.0635	-1.2216
0.700	-0.5487	-0.8607	-1.1766	-1.2213	-0.9246
0.725	*******	-1.1534	*******	-1.3275	-0.8253
0.750	-0.6598	-1.3041	*******	-1.2967	-0.7307
0.775	*******	-1.3247	-1.2561	-1.0750	-0.6279
0.800	-0.9859	-1.2995	-1.1943	-0.9299	*******
0.825	*******	-1.2680	-1.1200	-0.8537	-0.5354
0.850	-1.2020	-1.2349	-1.0130	-0.8253	-0.4993
0.875	*******	-1.1982	-0.9509	-0.8163	-0.5030
0.900	-1.2713	-1.1536	-0.9136	-0.7876	-0.5030
0.925	*******	-1.1210	-0.8727	-0.7365	-0.4975
0.950	-1.2852	-1.0893	-0.8262	-0.7616	-0.4348
0.975	*******	-1.0640	-0.7943	-0.6805	-0.3655
1.000	-1.2686	-1.3290	-0.8359	-1.0145	-0.4508
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3154	0.2914	0.2993	*******	-0.5828
-0.400	0.3141	0.3001	0.2746	0.0947	-0.6647
-0.600	0.3329	0.3062	0.2711	0.1289	-0.6412
-0.700	0.3487	0.3083	0.2783	0.1486	-0.6087
-0.800	0.3594	*******	0.2791	0.1727	-0.5318
-0.850	*******	0.3321	0.2862	0.1821	-0.5217
-0.900	*******	0.3255	0.2887	0.1996	-0.4794
-0.950	0.2467	0.2639	0.2523	0.1950	-0.1568
-0.975	*******	0.1312	0.1571	0.1283	-0.0467
-1.000	-1.2330	-1.1327	-0.9697	-0.9909	-0.5266

Surface Pressures



Medium Radius L.E.

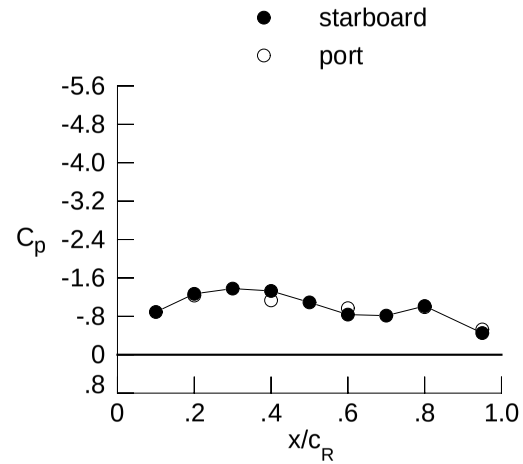
Run No. = 16 , Point No. = 347

C_N = 0.659, C_m = -0.1070

α = 13.6 °, M_∞ = 0.850

$R_{mac} = 108.7 \times 10^6$

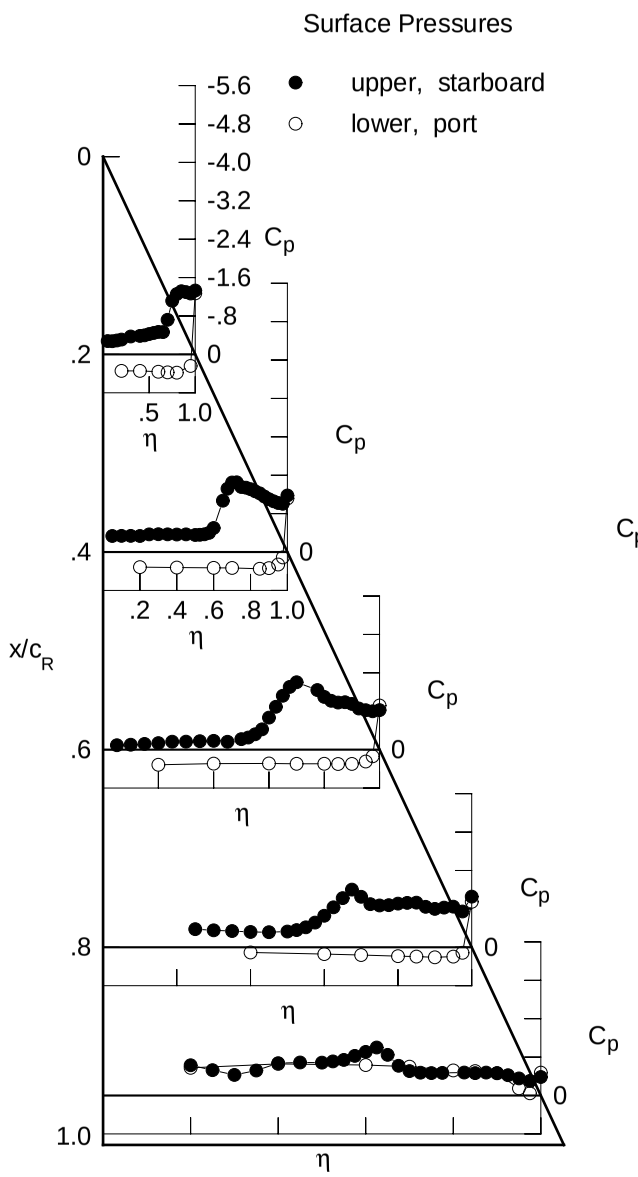
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8906	*******
0.20	-1.2686	-1.2330
0.30	-1.3780	*******
0.40	-1.3290	-1.1327
0.50	-1.0903	*******
0.60	-0.8359	-0.9697
0.70	-0.8143	*******
0.80	-1.0145	-0.9909
0.90	*******	*******
0.95	-0.4508	-0.5266

Table E10. 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	-0.2776	-0.3345	-0.0923	*******	*******
0.100	-0.2741	-0.3365	-0.1027	*******	*******
0.150	-0.2898	-0.3367	-0.1189	*******	*******
0.200	-0.3086	-0.3344	-0.1356	*******	-0.6302
0.250	*******	-0.3677	-0.1657	-0.3773	-0.5284
0.300	-0.3728	-0.3710	-0.1663	-0.3534	-0.4287
0.350	*******	-0.3685	-0.1761	-0.3388	-0.5206
0.400	-0.3852	-0.3650	-0.1831	-0.3188	-0.6740
0.450	-0.3971	-0.3679	-0.1637	-0.3140	-0.6880
0.500	-0.4238	-0.3551	-0.2186	-0.3283	-0.6850
0.525	*******	-0.3593	-0.2517	-0.3588	-0.7100
0.550	-0.4466	-0.3695	-0.3202	-0.4158	-0.7415
0.575	*******	-0.3993	-0.4234	-0.5144	-0.8256
0.600	-0.4682	-0.5011	-0.6668	-0.6570	-0.9089
0.625	*******	*******	-0.8925	-0.8327	-1.0003
0.650	-0.4649	-1.0698	-1.1223	-1.0238	-0.8470
0.675	*******	-1.3195	-1.3068	-1.2018	-0.6195
0.700	-0.7211	-1.4488	-1.4036	-1.0524	-0.5089
0.725	*******	-1.4530	*******	-0.8981	-0.4752
0.750	-1.1159	-1.3555	*******	-0.8715	-0.4673
0.775	*******	-1.3411	-1.2420	-0.8779	-0.4716
0.800	-1.2577	-1.3093	-1.0983	-0.9100	*******
0.825	*******	-1.2656	-1.0174	-0.9245	-0.4785
0.850	-1.3157	-1.2220	-0.9809	-0.9299	-0.4664
0.875	*******	-1.1566	-0.9876	-0.8430	-0.4776
0.900	-1.2972	-1.1005	-0.9531	-0.8003	-0.4672
0.925	*******	-1.0574	-0.8566	-0.8262	-0.4235
0.950	-1.2682	-1.0215	-0.8212	-0.8467	-0.3557
0.975	*******	-1.0054	-0.7995	-0.7456	-0.3041
1.000	-1.3300	-1.1775	-0.8232	-1.0554	-0.3860
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3442	0.3145	0.3155	*******	-0.5767
-0.400	0.3437	0.3230	0.2912	0.1079	-0.6585
-0.600	0.3616	0.3294	0.2878	0.1413	-0.6346
-0.700	0.3748	0.3314	0.2951	0.1612	-0.6009
-0.800	0.3807	*******	0.2943	0.1848	-0.5222
-0.850	*******	0.3487	0.2994	0.1938	-0.5086
-0.900	*******	0.3354	0.2973	0.2085	-0.4633
-0.950	0.2404	0.2602	0.2475	0.1942	-0.1487
-0.975	*******	0.1116	0.1384	0.1144	-0.0461
-1.000	-1.2711	-1.1161	-0.9195	-0.9470	-0.4770



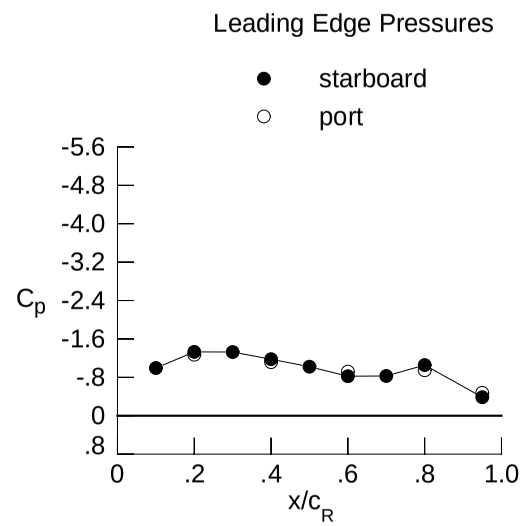
Medium Radius L.E.

Run No. = 16 , Point No. = 348

C_N = 0.694, C_m = -0.1019

α = 14.7 °, M_∞ = 0.849

$R_{mac} = 108.7 \times 10^6$

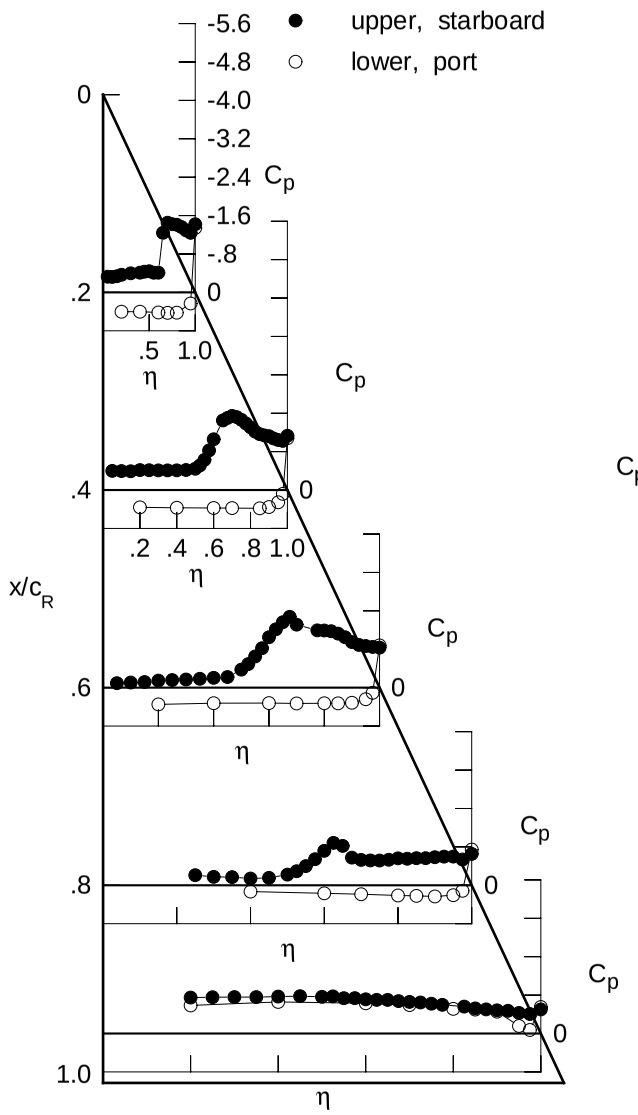


x/c_R	starb'd Cp	port Cp
0.10	-0.9933	*******
0.20	-1.3300	-1.2711
0.30	-1.3271	*******
0.40	-1.1775	-1.1161
0.50	-1.0213	*******
0.60	-0.8232	-0.9195
0.70	-0.8280	*******
0.80	-1.0554	-0.9470
0.90	*******	*******
0.95	-0.3860	-0.4770

Table E10. 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	-0.3265	-0.3993	-0.0929	*******	*******
0.100	-0.3227	-0.3955	-0.1065	*******	*******
0.150	-0.3369	-0.3915	-0.1166	*******	*******
0.200	-0.3669	-0.4157	-0.1466	*******	-0.7488
0.250	*******	-0.4126	-0.1584	-0.2107	-0.7560
0.300	-0.3976	-0.4098	-0.1694	-0.1762	-0.7592
0.350	*******	-0.4097	-0.1851	-0.1697	-0.7581
0.400	-0.4101	-0.4105	-0.2051	-0.1406	-0.7697
0.450	-0.4310	-0.4177	-0.2214	-0.1551	-0.7778
0.500	-0.4410	-0.4434	-0.3755	-0.2221	-0.7644
0.525	*******	-0.5108	-0.4902	-0.2924	-0.7734
0.550	-0.4094	-0.6292	-0.6492	-0.3998	-0.7362
0.575	*******	-0.8247	-0.8214	-0.5433	-0.7366
0.600	-0.4107	-1.0574	-1.0505	-0.7175	-0.7127
0.625	*******	*******	-1.2154	-0.8832	-0.7005
0.650	-1.2414	-1.4492	-1.3621	-0.8206	-0.7002
0.675	*******	-1.5013	-1.4759	-0.5762	-0.6754
0.700	-1.4524	-1.5442	-1.3122	-0.5290	-0.6583
0.725	*******	-1.5191	*******	-0.5180	-0.6466
0.750	-1.4206	-1.4636	*******	-0.5162	-0.6205
0.775	*******	-1.3870	-1.1935	-0.5321	-0.5973
0.800	-1.4085	-1.3066	-1.1907	-0.5617	*******
0.825	*******	-1.2172	-1.1748	-0.5528	-0.5607
0.850	-1.3621	-1.1642	-1.1259	-0.5651	-0.5229
0.875	*******	-1.1384	-1.0504	-0.5645	-0.5027
0.900	-1.2928	-1.1223	-0.9491	-0.5845	-0.4835
0.925	*******	-1.0752	-0.8906	-0.5967	-0.4734
0.950	-1.2409	-1.0420	-0.8673	-0.5976	-0.4289
0.975	*******	-1.0239	-0.8484	-0.5371	-0.4061
1.000	-1.4191	-1.1300	-0.8325	-0.6532	-0.5018
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4026	0.3609	0.3492	*******	-0.5848
-0.400	0.4022	0.3694	0.3241	0.1309	-0.6579
-0.600	0.4182	0.3744	0.3212	0.1673	-0.6295
-0.700	0.4267	0.3761	0.3292	0.1863	-0.5925
-0.800	0.4220	*******	0.3259	0.2119	-0.5137
-0.850	*******	0.3812	0.3270	0.2205	-0.4985
-0.900	*******	0.3547	0.3156	0.2326	-0.4555
-0.950	0.2314	0.2553	0.2418	0.2065	-0.1566
-0.975	*******	0.0797	0.1069	0.1145	-0.0737
-1.000	-1.3424	-1.0789	-0.8803	-0.7450	-0.5526

Surface Pressures



Medium Radius L.E.

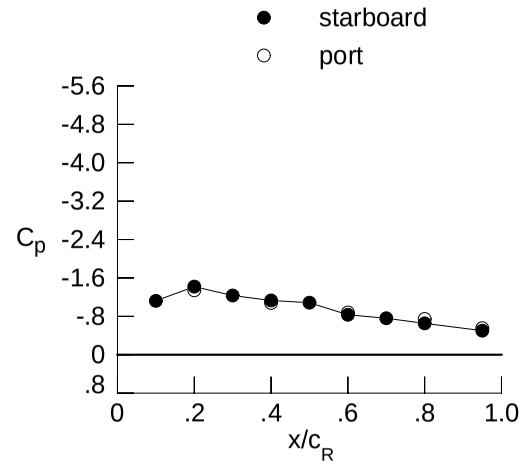
Run No. = 16 , Point No. = 349

C_N = 0.733, C_m = -0.0865

α = 16.7 °, M_∞ = 0.850

$R_{mac} = 108.6 \times 10^6$

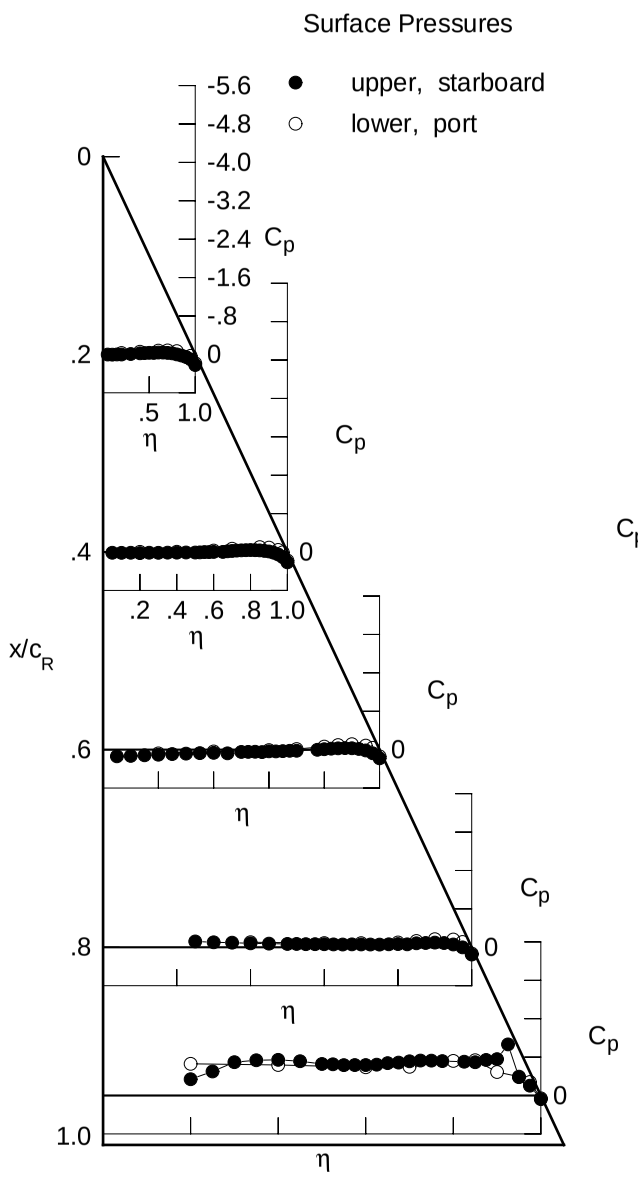
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.1226	*******
0.20	-1.4191	-1.3424
0.30	-1.2333	*******
0.40	-1.1300	-1.0789
0.50	-1.0842	*******
0.60	-0.8325	-0.8803
0.70	-0.7596	*******
0.80	-0.6532	-0.7450
0.90	*******	*******
0.95	-0.5018	-0.5526

Table E11. 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	0.0033	0.0155	0.1395	*******	*******
0.100	0.0059	0.0167	0.1304	*******	*******
0.150	0.0017	0.0156	0.1173	*******	*******
0.200	0.0020	0.0222	0.1058	*******	-0.3392
0.250	*******	0.0144	0.0919	-0.1214	-0.5006
0.300	-0.0080	0.0162	0.0829	-0.1044	-0.6944
0.350	*******	0.0126	0.0728	-0.0959	-0.7345
0.400	-0.0224	0.0129	0.0664	-0.0824	-0.7433
0.450	-0.0269	0.0100	0.0767	-0.0761	-0.7146
0.500	-0.0327	0.0101	0.0483	-0.0698	-0.6567
0.525	*******	0.0072	0.0467	-0.0696	-0.6506
0.550	-0.0307	0.0007	0.0436	-0.0647	-0.6328
0.575	*******	0.0009	0.0509	-0.0648	-0.6346
0.600	-0.0386	-0.0024	0.0356	-0.0643	-0.6344
0.625	*******	*******	0.0367	-0.0600	-0.6427
0.650	-0.0377	-0.0024	0.0315	-0.0573	-0.6748
0.675	*******	-0.0153	0.0241	-0.0610	-0.6854
0.700	-0.0308	-0.0224	0.0236	-0.0589	-0.7126
0.725	*******	-0.0293	*******	-0.0577	-0.7279
0.750	-0.0216	-0.0355	*******	-0.0563	-0.7264
0.775	*******	-0.0381	0.0030	-0.0624	-0.7170
0.800	-0.0004	-0.0414	-0.0089	-0.0671	*******
0.825	*******	-0.0386	-0.0200	-0.0616	-0.7043
0.850	0.0232	-0.0344	-0.0275	-0.0832	-0.6937
0.875	*******	-0.0236	-0.0322	-0.0898	-0.7405
0.900	0.0544	-0.0121	-0.0287	-0.0980	-0.7575
0.925	*******	0.0134	-0.0146	-0.0889	-1.0650
0.950	0.1035	0.0505	0.0167	-0.0588	-0.3828
0.975	*******	0.1068	0.0754	0.0018	-0.2049
1.000	0.2217	0.2145	0.1806	0.1515	0.0759
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0289	-0.0038	0.0787	*******	-0.6604
-0.400	-0.0550	-0.0056	0.0385	-0.1053	-0.6361
-0.600	-0.0782	-0.0301	0.0093	-0.0871	-0.5889
-0.700	-0.0820	-0.0690	-0.0121	-0.0861	-0.5986
-0.800	-0.0681	*******	-0.0632	-0.1002	-0.7206
-0.850	*******	-0.1028	-0.0955	-0.1315	-0.7349
-0.900	*******	-0.0917	-0.1136	-0.1691	-0.4895
-0.950	0.0294	-0.0441	-0.0842	-0.1618	-0.3929
-0.975	*******	0.0058	-0.0378	-0.1103	-0.2812
-1.000	0.1850	0.1767	0.1392	0.1307	0.0585



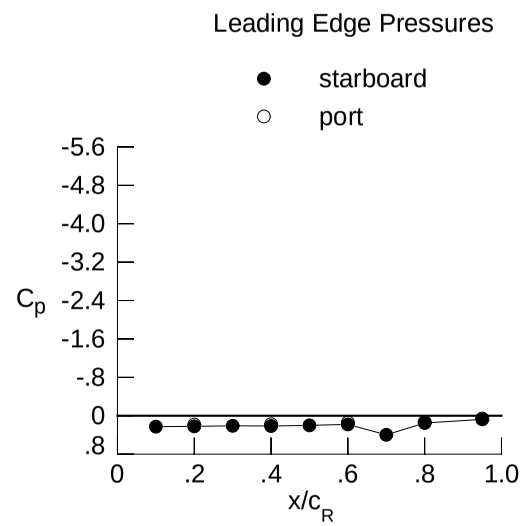
Medium Radius L.E.

Run No. = 17 , Point No. = 350

C_N = -0.030, C_m = 0.0029

α = -0.8 °, M_∞ = 0.851

$R_{mac} = 120.0 \times 10^6$

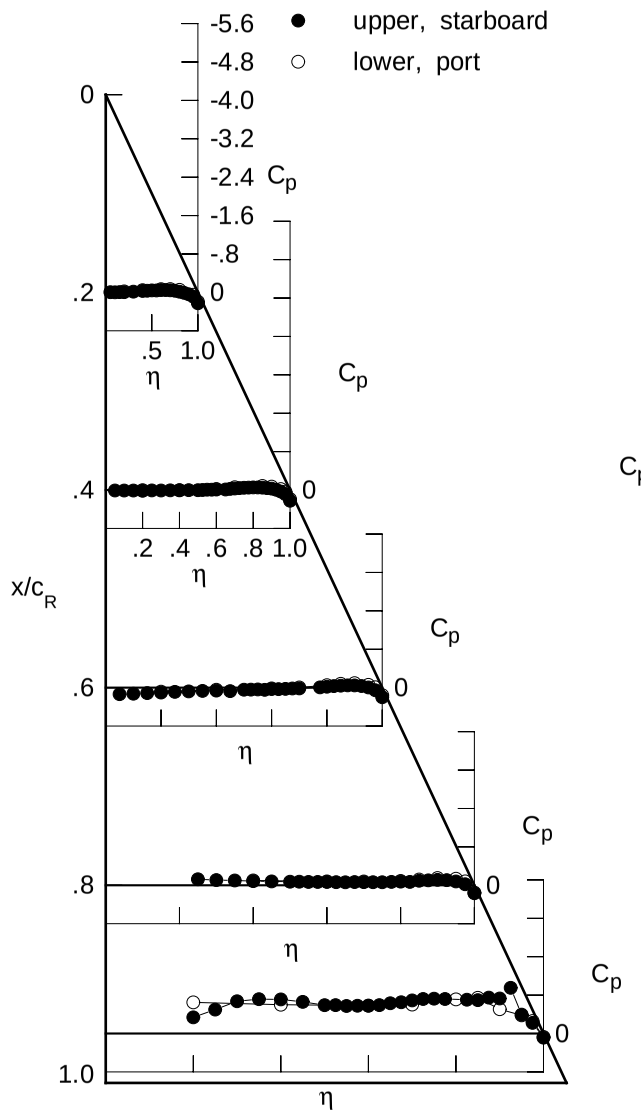


x/c_R	starb'd C_p	port C_p
0.10	0.2271	*******
0.20	0.2217	0.1850
0.30	0.2097	*******
0.40	0.2145	0.1767
0.50	0.2006	*******
0.60	0.1806	0.1392
0.70	0.3979	*******
0.80	0.1515	0.1307
0.90	*******	*******
0.95	0.0759	0.0585

Table E11. 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	-0.0039	0.0094	0.1360	*******	*******
0.100	-0.0014	0.0102	0.1264	*******	*******
0.150	-0.0058	0.0102	0.1132	*******	*******
0.200	-0.0049	0.0157	0.1021	*******	-0.3369
0.250	*******	0.0084	0.0877	-0.1254	-0.4985
0.300	-0.0153	0.0095	0.0785	-0.1087	-0.6720
0.350	*******	0.0064	0.0682	-0.1002	-0.7155
0.400	-0.0305	0.0064	0.0615	-0.0865	-0.7105
0.450	-0.0347	0.0027	0.0725	-0.0805	-0.6592
0.500	-0.0414	0.0031	0.0430	-0.0743	-0.5902
0.525	*******	-0.0005	0.0414	-0.0741	-0.5914
0.550	-0.0404	-0.0071	0.0380	-0.0698	-0.5738
0.575	*******	-0.0074	0.0452	-0.0699	-0.5787
0.600	-0.0487	-0.0108	0.0292	-0.0698	-0.5795
0.625	*******	*******	0.0309	-0.0649	-0.5915
0.650	-0.0488	-0.0111	0.0253	-0.0628	-0.6306
0.675	*******	-0.0243	0.0174	-0.0669	-0.6512
0.700	-0.0432	-0.0324	0.0159	-0.0652	-0.6899
0.725	*******	-0.0403	*******	-0.0641	-0.7188
0.750	-0.0344	-0.0472	*******	-0.0634	-0.7260
0.775	*******	-0.0505	-0.0060	-0.0703	-0.7192
0.800	-0.0141	-0.0546	-0.0193	-0.0759	*******
0.825	*******	-0.0535	-0.0318	-0.0704	-0.7042
0.850	0.0091	-0.0498	-0.0410	-0.0941	-0.6951
0.875	*******	-0.0403	-0.0471	-0.1032	-0.7477
0.900	0.0392	-0.0299	-0.0460	-0.1136	-0.7293
0.925	*******	-0.0056	-0.0332	-0.1071	-0.9519
0.950	0.0881	0.0310	-0.0041	-0.0797	-0.3934
0.975	*******	0.0870	0.0543	-0.0215	-0.2218
1.000	0.2267	0.2228	0.2001	0.1657	0.0866
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0209	0.0027	0.0843	*******	-0.6488
-0.400	-0.0465	0.0019	0.0442	-0.1005	-0.6001
-0.600	-0.0669	-0.0215	0.0162	-0.0809	-0.5810
-0.700	-0.0691	-0.0582	-0.0036	-0.0789	-0.6030
-0.800	-0.0533	*******	-0.0511	-0.0905	-0.7110
-0.850	*******	-0.0850	-0.0803	-0.1197	-0.7440
-0.900	*******	-0.0712	-0.0937	-0.1515	-0.5063
-0.950	0.0487	-0.0202	-0.0582	-0.1369	-0.3786
-0.975	*******	0.0321	-0.0083	-0.0813	-0.2600
-1.000	0.1927	0.1898	0.1568	0.1522	0.0716

Surface Pressures



Medium Radius L.E.

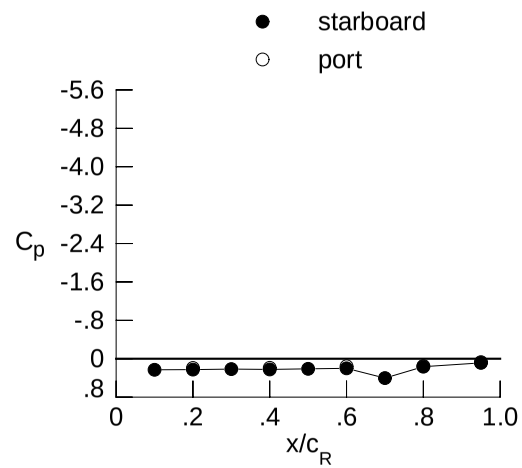
Run No. = 17 , Point No. = 351

C_N = -0.015, C_m = 0.0004

α = -0.4 °, M_∞ = 0.851

$R_{mac} = 120.1 \times 10^6$

Leading Edge Pressures

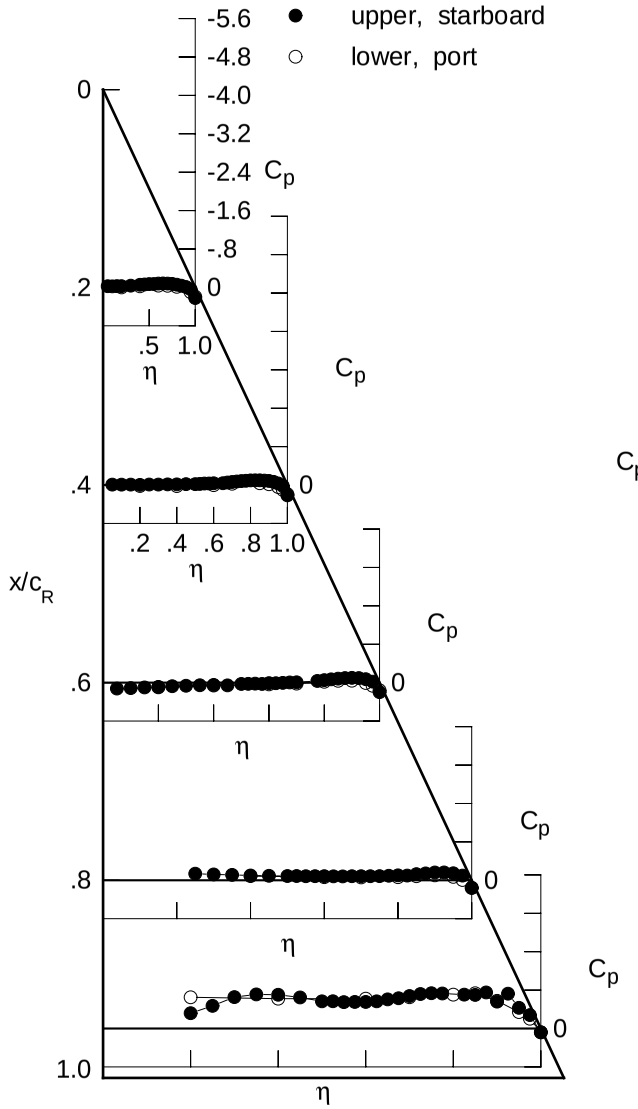


x/c_R	starb'd C_p	port C_p
0.10	0.2303	*******
0.20	0.2267	0.1927
0.30	0.2159	*******
0.40	0.2228	0.1898
0.50	0.2105	*******
0.60	0.2001	0.1568
0.70	0.4034	*******
0.80	0.1657	0.1522
0.90	*******	*******
0.95	0.0866	0.0716

Table E11. 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	-0.0245	-0.0085	0.1235	*******	*******
0.100	-0.0217	-0.0080	0.1140	*******	*******
0.150	-0.0262	-0.0085	0.1001	*******	*******
0.200	-0.0256	-0.0032	0.0887	*******	-0.3190
0.250	*******	-0.0102	0.0746	-0.1378	-0.4717
0.300	-0.0363	-0.0098	0.0647	-0.1214	-0.6545
0.350	*******	-0.0134	0.0541	-0.1130	-0.7104
0.400	-0.0545	-0.0139	0.0468	-0.0998	-0.7030
0.450	-0.0609	-0.0182	0.0569	-0.0939	-0.6473
0.500	-0.0686	-0.0187	0.0270	-0.0887	-0.5666
0.525	*******	-0.0233	0.0249	-0.0890	-0.5682
0.550	-0.0699	-0.0309	0.0207	-0.0848	-0.5494
0.575	*******	-0.0318	0.0271	-0.0856	-0.5538
0.600	-0.0798	-0.0364	0.0102	-0.0859	-0.5535
0.625	*******	*******	0.0118	-0.0826	-0.5661
0.650	-0.0825	-0.0377	0.0045	-0.0809	-0.6075
0.675	*******	-0.0530	-0.0040	-0.0851	-0.6303
0.700	-0.0792	-0.0628	-0.0070	-0.0848	-0.6771
0.725	*******	-0.0733	*******	-0.0848	-0.7185
0.750	-0.0732	-0.0826	*******	-0.0864	-0.7354
0.775	*******	-0.0889	-0.0353	-0.0944	-0.7298
0.800	-0.0559	-0.0968	-0.0523	-0.1029	*******
0.825	*******	-0.0981	-0.0687	-0.0983	-0.7055
0.850	-0.0348	-0.0987	-0.0832	-0.1280	-0.7002
0.875	*******	-0.0927	-0.0949	-0.1429	-0.7512
0.900	-0.0078	-0.0855	-0.1004	-0.1622	-0.5601
0.925	*******	-0.0665	-0.0950	-0.1635	-0.7256
0.950	0.0387	-0.0327	-0.0724	-0.1462	-0.4313
0.975	*******	0.0177	-0.0204	-0.0974	-0.2797
1.000	0.2214	0.2143	0.1983	0.1554	0.0812
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0002	0.0201	0.0980	*******	-0.6507
-0.400	-0.0226	0.0215	0.0601	-0.0873	-0.6214
-0.600	-0.0365	0.0026	0.0358	-0.0648	-0.6216
-0.700	-0.0335	-0.0269	0.0199	-0.0599	-0.6514
-0.800	-0.0118	*******	-0.0186	-0.0646	-0.7055
-0.850	*******	-0.0375	-0.0385	-0.0851	-0.7347
-0.900	*******	-0.0165	-0.0405	-0.1033	-0.5770
-0.950	0.0986	0.0415	0.0073	-0.0708	-0.3420
-0.975	*******	0.0994	0.0644	-0.0065	-0.2039
-1.000	0.1930	0.1905	0.1595	0.1604	0.0766

Surface Pressures



Medium Radius L.E.

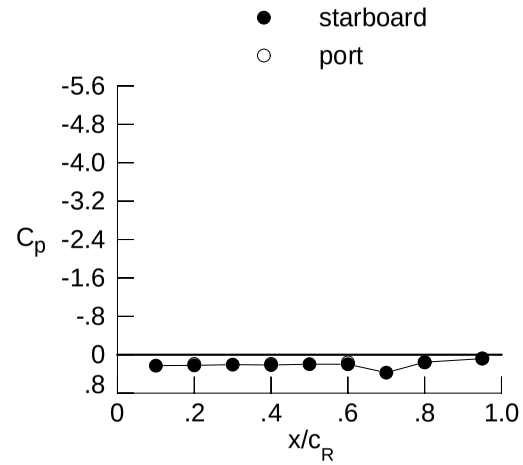
Run No. = 17 , Point No. = 352

C_N = 0.028, C_m = -0.0065

α = 0.7 °, M_∞ = 0.850

$R_{mac} = 120.2 \times 10^6$

Leading Edge Pressures

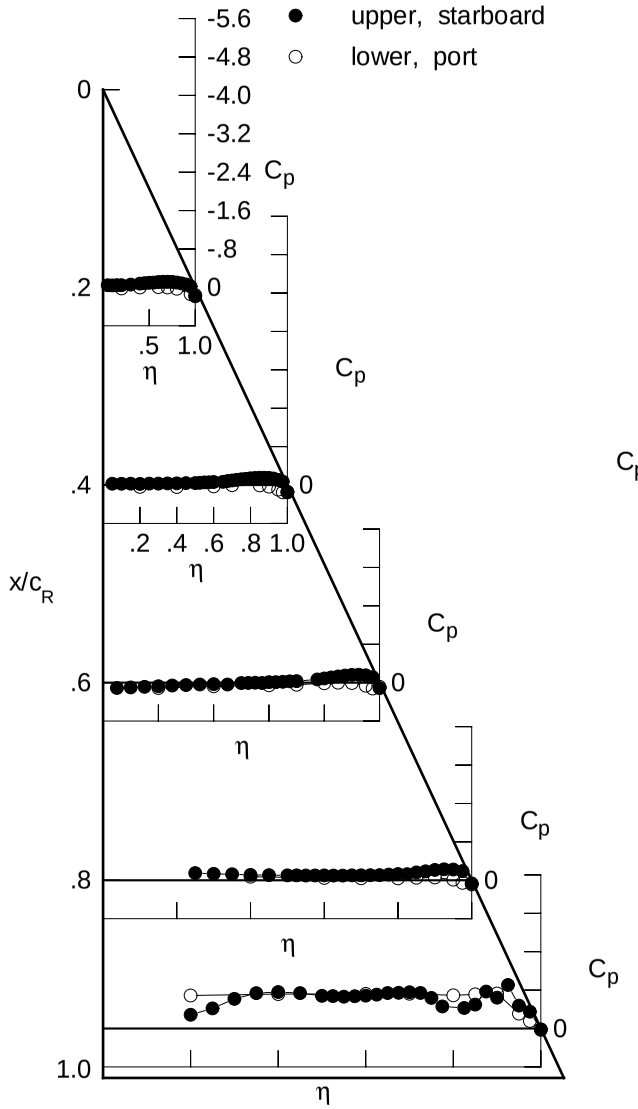


x/c_R	starb'd C_p	port C_p
0.10	0.2277	*******
0.20	0.2214	0.1930
0.30	0.2062	*******
0.40	0.2143	0.1905
0.50	0.1970	*******
0.60	0.1983	0.1595
0.70	0.3736	*******
0.80	0.1554	0.1604
0.90	*******	*******
0.95	0.0812	0.0766

Table E11. 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	-0.0446	-0.0271	0.1101	*******	*******
0.100	-0.0418	-0.0265	0.1004	*******	*******
0.150	-0.0466	-0.0284	0.0871	*******	*******
0.200	-0.0467	-0.0228	0.0750	*******	-0.2868
0.250	*******	-0.0296	0.0604	-0.1502	-0.4189
0.300	-0.0580	-0.0292	0.0506	-0.1341	-0.6172
0.350	*******	-0.0338	0.0387	-0.1252	-0.7370
0.400	-0.0786	-0.0348	0.0309	-0.1125	-0.7602
0.450	-0.0868	-0.0398	0.0394	-0.1070	-0.7378
0.500	-0.0963	-0.0412	0.0091	-0.1022	-0.6810
0.525	*******	-0.0460	0.0064	-0.1030	-0.6751
0.550	-0.0998	-0.0554	0.0020	-0.0989	-0.6630
0.575	*******	-0.0567	0.0077	-0.1007	-0.6729
0.600	-0.1123	-0.0629	-0.0097	-0.1014	-0.6847
0.625	*******	*******	-0.0097	-0.0984	-0.7057
0.650	-0.1180	-0.0660	-0.0173	-0.0973	-0.7393
0.675	*******	-0.0826	-0.0271	-0.1033	-0.7441
0.700	-0.1178	-0.0948	-0.0313	-0.1039	-0.7552
0.725	*******	-0.1079	*******	-0.1055	-0.7407
0.750	-0.1150	-0.1201	*******	-0.1082	-0.6378
0.775	*******	-0.1300	-0.0665	-0.1191	-0.4603
0.800	-0.1011	-0.1412	-0.0869	-0.1303	*******
0.825	*******	-0.1470	-0.1089	-0.1283	-0.4284
0.850	-0.0839	-0.1520	-0.1295	-0.1640	-0.4987
0.875	*******	-0.1515	-0.1482	-0.1871	-0.7700
0.900	-0.0619	-0.1488	-0.1616	-0.2158	-0.6424
0.925	*******	-0.1359	-0.1645	-0.2286	-0.9074
0.950	-0.0208	-0.1079	-0.1527	-0.2244	-0.4770
0.975	*******	-0.0701	-0.1146	-0.1917	-0.3503
1.000	0.1859	0.1525	0.1148	0.0656	0.0171
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0219	0.0384	0.1113	*******	-0.6880
-0.400	0.0017	0.0409	0.0756	-0.0741	-0.7172
-0.600	-0.0057	0.0277	0.0545	-0.0494	-0.7208
-0.700	0.0013	0.0029	0.0432	-0.0414	-0.7245
-0.800	0.0277	*******	0.0127	-0.0400	-0.6915
-0.850	*******	0.0069	0.0012	-0.0528	-0.7113
-0.900	*******	0.0339	0.0083	-0.0591	-0.7300
-0.950	0.1408	0.0945	0.0642	-0.0135	-0.3103
-0.975	*******	0.1518	0.1221	0.0528	-0.1570
-1.000	0.1602	0.1395	0.0856	0.0866	0.0270

Surface Pressures



Medium Radius L.E.

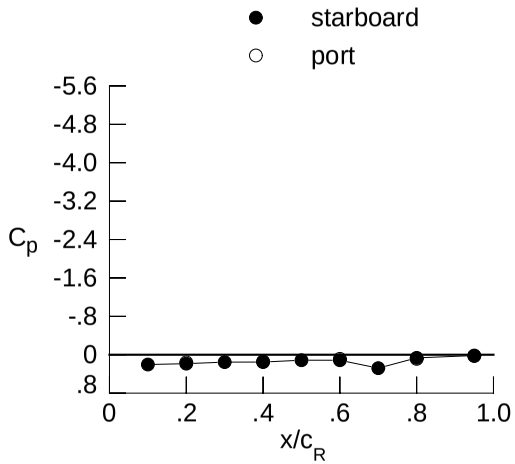
Run No. = 17 , Point No. = 353

C_N = 0.071, C_m = -0.0130

α = 1.8 °, M_∞ = 0.851

$R_{mac} = 120.0 \times 10^6$

Leading Edge Pressures

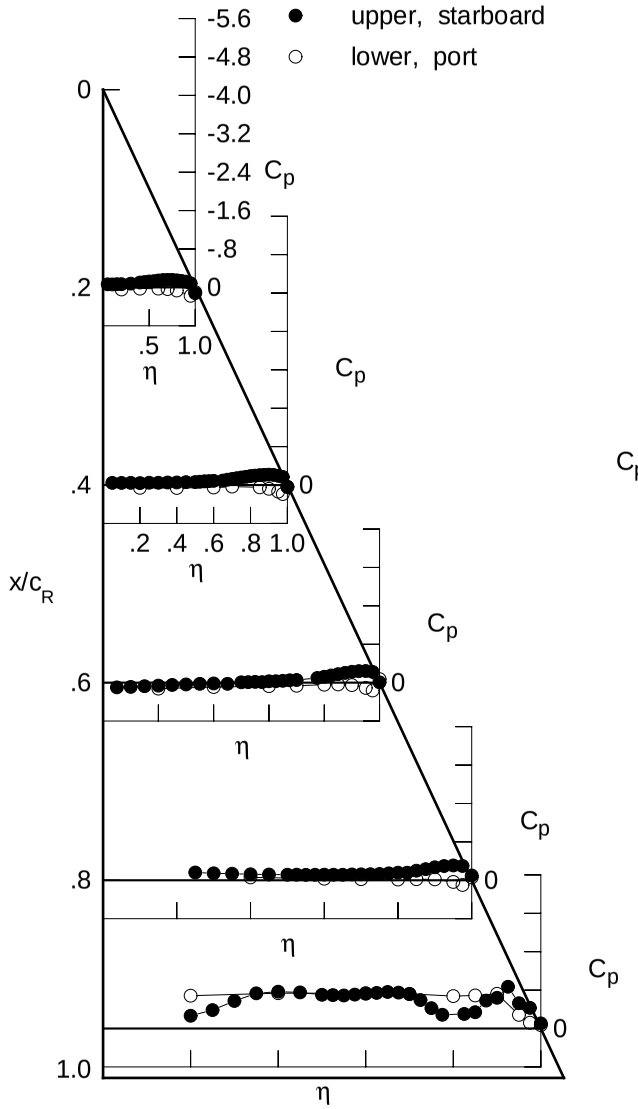


x/c_R	starb'd C_p	port C_p
0.10	0.2043	*******
0.20	0.1859	0.1602
0.30	0.1539	*******
0.40	0.1525	0.1395
0.50	0.1141	*******
0.60	0.1148	0.0856
0.70	0.2802	*******
0.80	0.0656	0.0866
0.90	*******	*******
0.95	0.0171	0.0270

Table E11. 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	-0.0639	-0.0446	0.0981	*******	*******
0.100	-0.0617	-0.0441	0.0885	*******	*******
0.150	-0.0666	-0.0455	0.0746	*******	*******
0.200	-0.0670	-0.0402	0.0625	*******	-0.2655
0.250	*******	-0.0476	0.0477	-0.1620	-0.3843
0.300	-0.0783	-0.0473	0.0374	-0.1456	-0.5738
0.350	*******	-0.0531	0.0250	-0.1372	-0.7331
0.400	-0.1016	-0.0538	0.0166	-0.1248	-0.7670
0.450	-0.1114	-0.0604	0.0246	-0.1201	-0.7519
0.500	-0.1228	-0.0617	-0.0069	-0.1161	-0.7023
0.525	*******	-0.0691	-0.0104	-0.1169	-0.6963
0.550	-0.1291	-0.0781	-0.0156	-0.1140	-0.6883
0.575	*******	-0.0814	-0.0104	-0.1154	-0.7062
0.600	-0.1437	-0.0875	-0.0289	-0.1177	-0.7242
0.625	*******	*******	-0.0299	-0.1156	-0.7419
0.650	-0.1532	-0.0934	-0.0381	-0.1148	-0.7616
0.675	*******	-0.1115	-0.0494	-0.1219	-0.7481
0.700	-0.1558	-0.1268	-0.0551	-0.1236	-0.7153
0.725	*******	-0.1422	*******	-0.1268	-0.5926
0.750	-0.1567	-0.1579	*******	-0.1312	-0.4244
0.775	*******	-0.1715	-0.0973	-0.1444	-0.2861
0.800	-0.1473	-0.1871	-0.1225	-0.1587	*******
0.825	*******	-0.1971	-0.1495	-0.1584	-0.3034
0.850	-0.1353	-0.2067	-0.1770	-0.1999	-0.3398
0.875	*******	-0.2116	-0.2033	-0.2318	-0.5817
0.900	-0.1188	-0.2160	-0.2264	-0.2708	-0.6403
0.925	*******	-0.2106	-0.2397	-0.2969	-0.8699
0.950	-0.0858	-0.1919	-0.2424	-0.3089	-0.5269
0.975	*******	-0.1688	-0.2235	-0.2986	-0.4304
1.000	0.1210	0.0396	-0.0067	-0.1001	-0.1076
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0435	0.0578	0.1248	*******	-0.6837
-0.400	0.0261	0.0609	0.0910	-0.0607	-0.7355
-0.600	0.0245	0.0516	0.0728	-0.0331	-0.7366
-0.700	0.0351	0.0320	0.0652	-0.0231	-0.7228
-0.800	0.0644	*******	0.0420	-0.0159	-0.6749
-0.850	*******	0.0478	0.0371	-0.0226	-0.6891
-0.900	*******	0.0783	0.0513	-0.0190	-0.7232
-0.950	0.1750	0.1379	0.1096	0.0347	-0.2841
-0.975	*******	0.1876	0.1633	0.0977	-0.1209
-1.000	0.0967	0.0354	-0.0733	-0.0601	-0.0702

Surface Pressures



Medium Radius L.E.

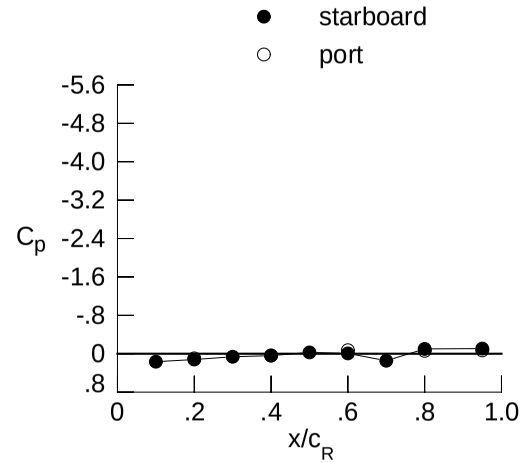
Run No. = 17 , Point No. = 354

C_N = 0.113, C_m = -0.0191

α = 2.9 °, M_∞ = 0.850

$R_{mac} = 120.0 \times 10^6$

Leading Edge Pressures

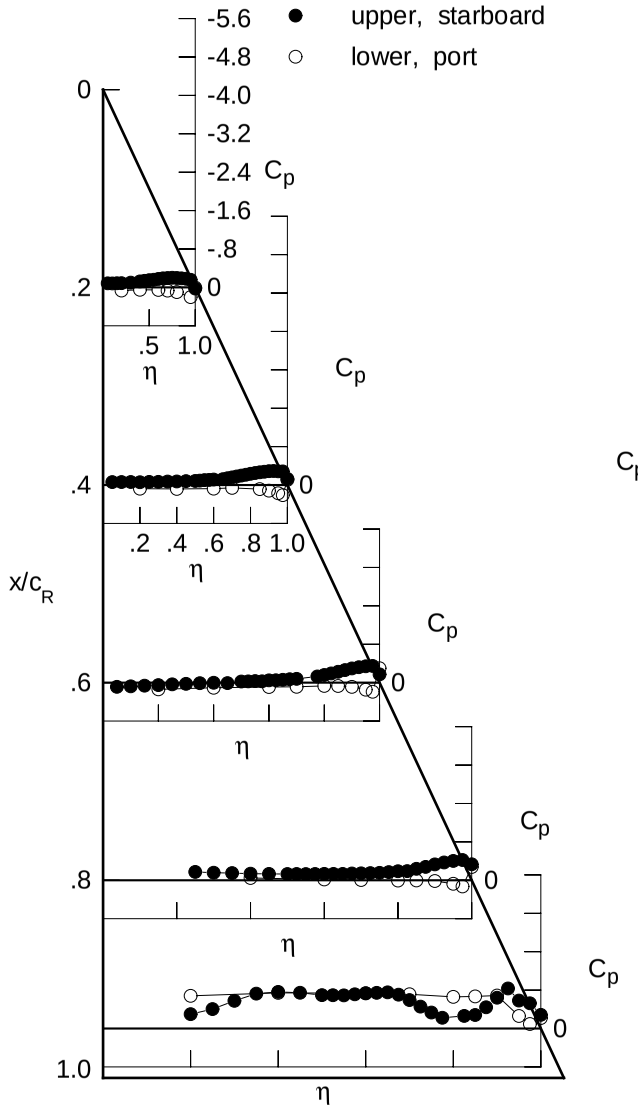


x/c_R	starb'd C_p	port C_p
0.10	0.1660	*******
0.20	0.1210	0.0967
0.30	0.0631	*******
0.40	0.0396	0.0354
0.50	-0.0273	*******
0.60	-0.0067	-0.0733
0.70	0.1454	*******
0.80	-0.1001	-0.0601
0.90	*******	*******
0.95	-0.1076	-0.0702

Table E11. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .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	-0.0848	-0.0618	0.0869	*******	*******
0.100	-0.0824	-0.0623	0.0770	*******	*******
0.150	-0.0867	-0.0632	0.0633	*******	*******
0.200	-0.0878	-0.0585	0.0511	*******	-0.2989
0.250	*******	-0.0658	0.0354	-0.1744	-0.4045
0.300	-0.0990	-0.0666	0.0247	-0.1576	-0.5768
0.350	*******	-0.0728	0.0115	-0.1501	-0.7260
0.400	-0.1251	-0.0741	0.0024	-0.1376	-0.7623
0.450	-0.1367	-0.0817	0.0094	-0.1332	-0.7451
0.500	-0.1501	-0.0848	-0.0229	-0.1301	-0.6955
0.525	*******	-0.0919	-0.0267	-0.1312	-0.6938
0.550	-0.1588	-0.1027	-0.0329	-0.1294	-0.6908
0.575	*******	-0.1066	-0.0283	-0.1312	-0.7128
0.600	-0.1762	-0.1144	-0.0482	-0.1338	-0.7318
0.625	*******	*******	-0.0497	-0.1327	-0.7435
0.650	-0.1890	-0.1213	-0.0594	-0.1331	-0.7532
0.675	*******	-0.1418	-0.0712	-0.1414	-0.7051
0.700	-0.1952	-0.1589	-0.0790	-0.1445	-0.5925
0.725	*******	-0.1785	*******	-0.1492	-0.4560
0.750	-0.2004	-0.1964	*******	-0.1553	-0.3328
0.775	*******	-0.2144	-0.1292	-0.1706	-0.2236
0.800	-0.1958	-0.2344	-0.1592	-0.1885	*******
0.825	*******	-0.2503	-0.1920	-0.1911	-0.2621
0.850	-0.1890	-0.2653	-0.2267	-0.2395	-0.2812
0.875	*******	-0.2770	-0.2618	-0.2795	-0.4427
0.900	-0.1798	-0.2891	-0.2957	-0.3313	-0.6412
0.925	*******	-0.2928	-0.3219	-0.3712	-0.8344
0.950	-0.1582	-0.2854	-0.3406	-0.4032	-0.5822
0.975	*******	-0.2840	-0.3478	-0.4226	-0.5254
1.000	0.0242	-0.1289	-0.1731	-0.3336	-0.2846
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0655	0.0763	0.1396	*******	-0.6808
-0.400	0.0499	0.0811	0.1064	-0.0476	-0.7425
-0.600	0.0529	0.0748	0.0912	-0.0180	-0.7357
-0.700	0.0671	0.0596	0.0864	-0.0058	-0.7137
-0.800	0.0974	*******	0.0683	0.0057	-0.6589
-0.850	*******	0.0849	0.0698	0.0035	-0.6686
-0.900	*******	0.1169	0.0884	0.0150	-0.6869
-0.950	0.2021	0.1713	0.1464	0.0724	-0.2606
-0.975	*******	0.2104	0.1894	0.1281	-0.0936
-1.000	0.0037	-0.1082	-0.3003	-0.2766	-0.2173

Surface Pressures



Medium Radius L.E.

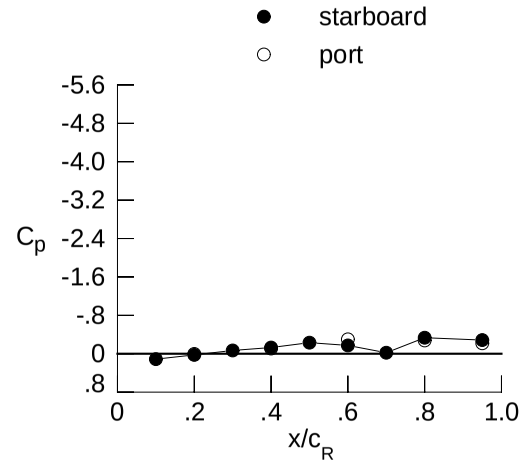
Run No. = 17 , Point No. = 355

C_N = 0.155, C_m = -0.0254

α = 3.9 °, M_∞ = 0.850

$R_{mac} = 120.0 \times 10^6$

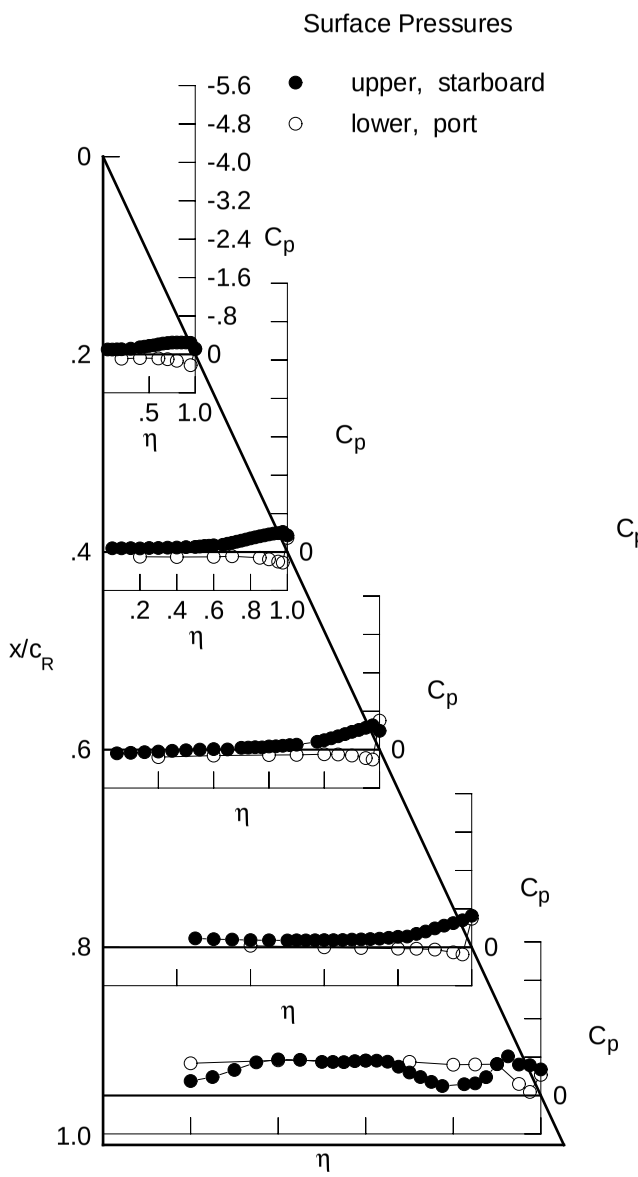
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	0.1130	*******
0.20	0.0242	0.0037
0.30	-0.0684	*******
0.40	-0.1289	-0.1082
0.50	-0.2306	*******
0.60	-0.1731	-0.3003
0.70	-0.0208	*******
0.80	-0.3336	-0.2766
0.90	*******	*******
0.95	-0.2846	-0.2173

Table E11. 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	-0.1022	-0.0781	0.0765	*******	*******
0.100	-0.1005	-0.0779	0.0665	*******	*******
0.150	-0.1051	-0.0805	0.0528	*******	*******
0.200	-0.1070	-0.0752	0.0401	*******	-0.3017
0.250	*******	-0.0837	0.0241	-0.1854	-0.3847
0.300	-0.1190	-0.0845	0.0124	-0.1688	-0.5331
0.350	*******	-0.0916	-0.0008	-0.1607	-0.6906
0.400	-0.1476	-0.0935	-0.0114	-0.1492	-0.7518
0.450	-0.1607	-0.1022	-0.0039	-0.1455	-0.7429
0.500	-0.1767	-0.1060	-0.0384	-0.1427	-0.7003
0.525	*******	-0.1148	-0.0427	-0.1453	-0.6992
0.550	-0.1879	-0.1261	-0.0502	-0.1431	-0.6955
0.575	*******	-0.1309	-0.0465	-0.1463	-0.7162
0.600	-0.2084	-0.1401	-0.0667	-0.1500	-0.7288
0.625	*******	*******	-0.0693	-0.1489	-0.7260
0.650	-0.2254	-0.1503	-0.0805	-0.1509	-0.7040
0.675	*******	-0.1731	-0.0940	-0.1603	-0.5999
0.700	-0.2363	-0.1923	-0.1035	-0.1643	-0.4794
0.725	*******	-0.2149	*******	-0.1711	-0.3848
0.750	-0.2464	-0.2368	*******	-0.1789	-0.2833
0.775	*******	-0.2597	-0.1629	-0.1975	-0.1973
0.800	-0.2476	-0.2850	-0.1964	-0.2183	*******
0.825	*******	-0.3063	-0.2360	-0.2239	-0.2349
0.850	-0.2475	-0.3280	-0.2782	-0.2788	-0.2528
0.875	*******	-0.3473	-0.3240	-0.3290	-0.3826
0.900	-0.2480	-0.3670	-0.3706	-0.3937	-0.6551
0.925	*******	-0.3839	-0.4103	-0.4500	-0.8162
0.950	-0.2411	-0.3929	-0.4550	-0.5034	-0.6449
0.975	*******	-0.4180	-0.5071	-0.5622	-0.6313
1.000	-0.1061	-0.3461	-0.3921	-0.6573	-0.5428
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0897	0.0980	0.1560	*******	-0.6712
-0.400	0.0765	0.1040	0.1241	-0.0322	-0.7325
-0.600	0.0842	0.1006	0.1125	-0.0001	-0.7258
-0.700	0.1003	0.0878	0.1087	0.0142	-0.7004
-0.800	0.1324	*******	0.0960	0.0290	-0.6414
-0.850	*******	0.1202	0.1006	0.0305	-0.6467
-0.900	*******	0.1514	0.1227	0.0479	-0.6530
-0.950	0.2250	0.1990	0.1757	0.1058	-0.2411
-0.975	*******	0.2205	0.2053	0.1491	-0.0743
-1.000	-0.1213	-0.2932	-0.6036	-0.5946	-0.4304



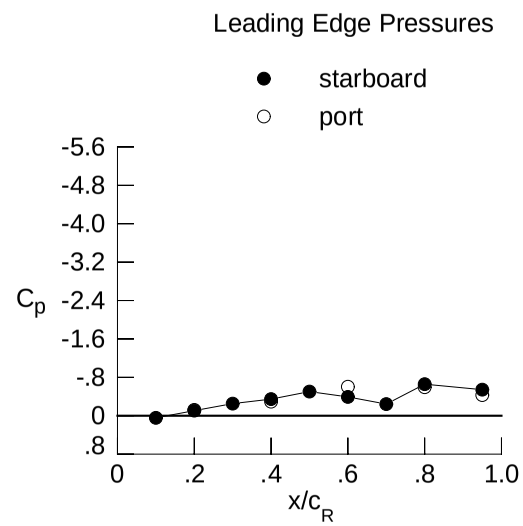
Medium Radius L.E.

Run No. = 17 , Point No. = 356

C_N = 0.200, C_m = -0.0331

α = 5.0 °, M_∞ = 0.850

$R_{mac} = 120.1 \times 10^6$

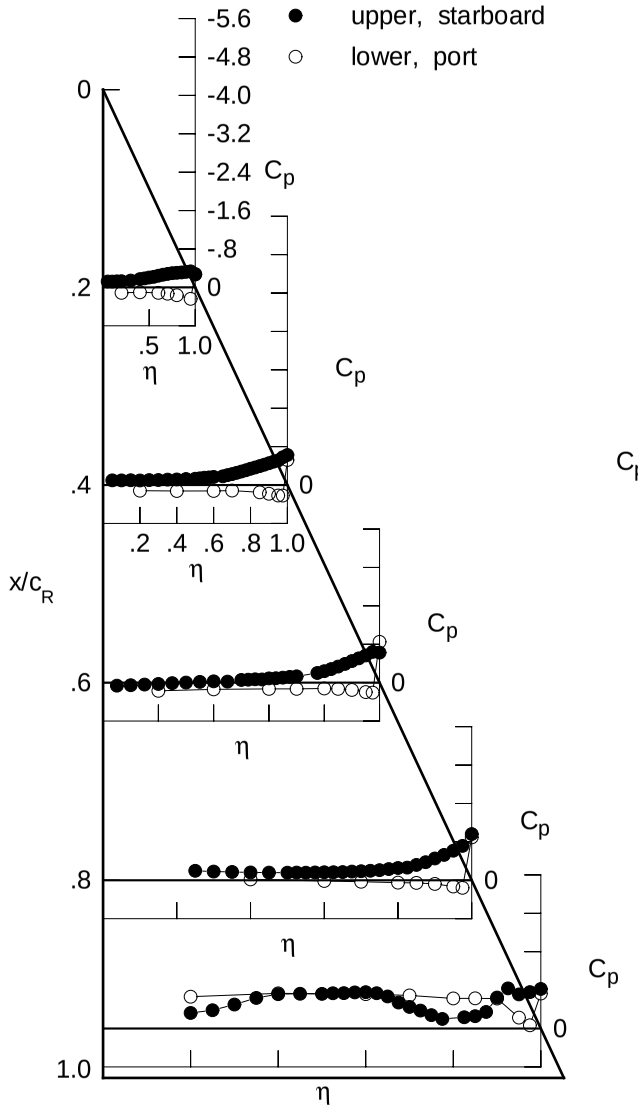


x/c_R	starb'd C_p	port C_p
0.10	0.0437	*******
0.20	-0.1061	-0.1213
0.30	-0.2524	*******
0.40	-0.3461	-0.2932
0.50	-0.5028	*******
0.60	-0.3921	-0.6036
0.70	-0.2428	*******
0.80	-0.6573	-0.5946
0.90	*******	*******
0.95	-0.5428	-0.4304

Table E11. 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	-0.0974	0.0635	*******	*******
0.100	-0.1218	-0.0968	0.0536	*******	*******
0.150	-0.1267	-0.0998	0.0399	*******	*******
0.200	-0.1289	-0.0951	0.0270	*******	-0.3238
0.250	*******	-0.1036	0.0102	-0.1976	-0.3808
0.300	-0.1420	-0.1050	-0.0013	-0.1819	-0.4993
0.350	*******	-0.1128	-0.0160	-0.1740	-0.6371
0.400	-0.1728	-0.1156	-0.0271	-0.1629	-0.7154
0.450	-0.1876	-0.1258	-0.0220	-0.1598	-0.7239
0.500	-0.2057	-0.1312	-0.0561	-0.1582	-0.7217
0.525	*******	-0.1403	-0.0615	-0.1606	-0.7342
0.550	-0.2198	-0.1531	-0.0694	-0.1588	-0.7364
0.575	*******	-0.1595	-0.0666	-0.1632	-0.7522
0.600	-0.2435	-0.1692	-0.0886	-0.1674	-0.7568
0.625	*******	*******	-0.0920	-0.1678	-0.7351
0.650	-0.2642	-0.1814	-0.1044	-0.1712	-0.6677
0.675	*******	-0.2061	-0.1198	-0.1820	-0.5409
0.700	-0.2804	-0.2284	-0.1310	-0.1887	-0.4495
0.725	*******	-0.2542	*******	-0.1988	-0.3733
0.750	-0.2957	-0.2806	*******	-0.2109	-0.2786
0.775	*******	-0.3078	-0.2005	-0.2332	-0.1995
0.800	-0.3038	-0.3389	-0.2382	-0.2556	*******
0.825	*******	-0.3660	-0.2826	-0.2640	-0.2346
0.850	-0.3114	-0.3948	-0.3342	-0.3201	-0.2564
0.875	*******	-0.4243	-0.3908	-0.3769	-0.3449
0.900	-0.3233	-0.4553	-0.4492	-0.4545	-0.6456
0.925	*******	-0.4865	-0.5064	-0.5290	-0.8361
0.950	-0.3341	-0.5132	-0.5667	-0.6160	-0.7104
0.975	*******	-0.5786	-0.6410	-0.7168	-0.7586
1.000	-0.2679	-0.6252	-0.6256	-0.9628	-0.8240
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.1133	0.1175	0.1705	*******	-0.6628
-0.400	0.1020	0.1241	0.1400	-0.0188	-0.7329
-0.600	0.1133	0.1233	0.1304	0.0145	-0.7162
-0.700	0.1314	0.1151	0.1296	0.0303	-0.6891
-0.800	0.1634	*******	0.1216	0.0492	-0.6267
-0.850	*******	0.1522	0.1296	0.0543	-0.6284
-0.900	*******	0.1818	0.1523	0.0756	-0.6239
-0.950	0.2387	0.2184	0.1968	0.1295	-0.2274
-0.975	*******	0.2194	0.2080	0.1570	-0.0675
-1.000	-0.2791	-0.5219	-0.8494	-0.8936	-0.7286

Surface Pressures



Medium Radius L.E.

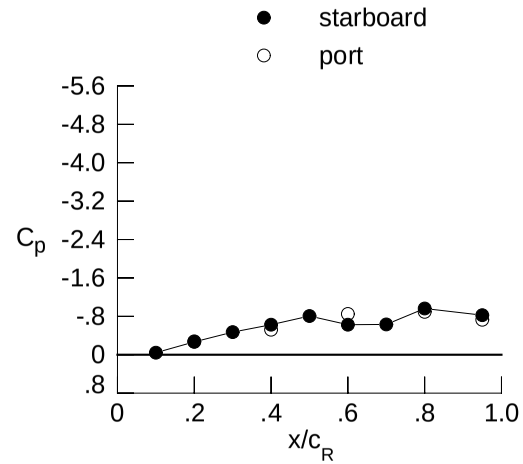
Run No. = 17 , Point No. = 357

C_N = 0.245, C_m = -0.0402

α = 6.1 °, M_∞ = 0.850

$R_{mac} = 120.1 \times 10^6$

Leading Edge Pressures

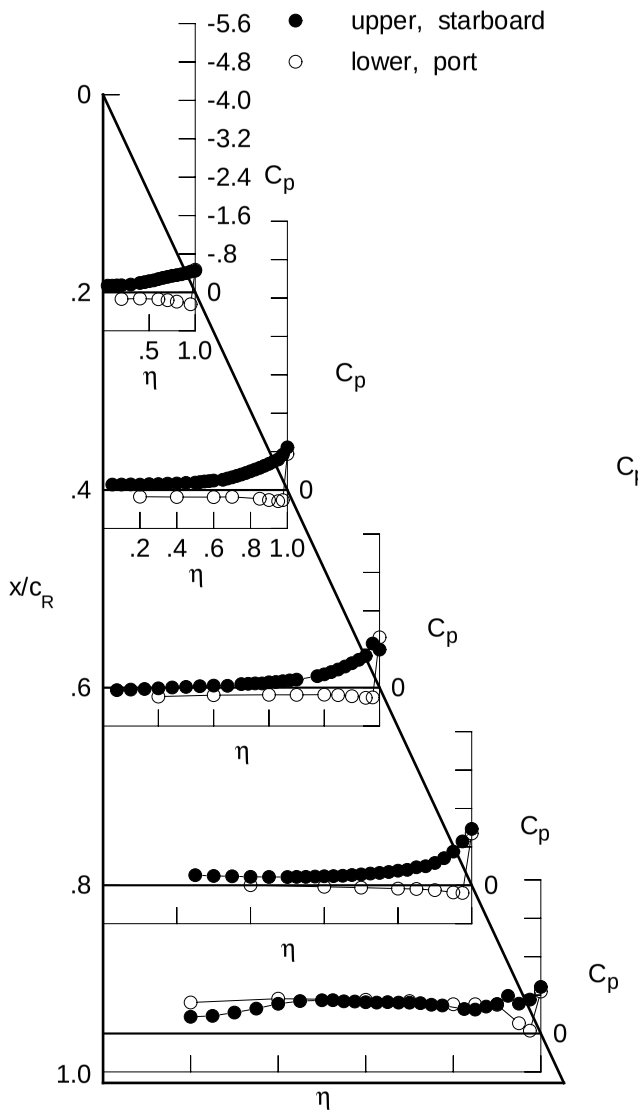


x/c_R	starb'd C_p	port C_p
0.10	-0.0422	*******
0.20	-0.2679	-0.2791
0.30	-0.4710	*******
0.40	-0.6252	-0.5219
0.50	-0.8065	*******
0.60	-0.6256	-0.8494
0.70	-0.6312	*******
0.80	-0.9628	-0.8936
0.90	*******	*******
0.95	-0.8240	-0.7286

Table E11. 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	-0.1397	-0.1136	0.0520	*******	*******
0.100	-0.1401	-0.1141	0.0411	*******	*******
0.150	-0.1454	-0.1168	0.0283	*******	*******
0.200	-0.1480	-0.1127	0.0140	*******	-0.3477
0.250	*******	-0.1222	-0.0030	-0.2104	-0.3671
0.300	-0.1624	-0.1243	-0.0153	-0.1945	-0.4363
0.350	*******	-0.1327	-0.0299	-0.1875	-0.5183
0.400	-0.1960	-0.1364	-0.0421	-0.1763	-0.6191
0.450	-0.2128	-0.1481	-0.0381	-0.1735	-0.6757
0.500	-0.2333	-0.1543	-0.0736	-0.1719	-0.6926
0.525	*******	-0.1650	-0.0800	-0.1754	-0.6944
0.550	-0.2505	-0.1787	-0.0880	-0.1748	-0.6704
0.575	*******	-0.1856	-0.0873	-0.1818	-0.6663
0.600	-0.2773	-0.1978	-0.1114	-0.1882	-0.6524
0.625	*******	*******	-0.1175	-0.1910	-0.6443
0.650	-0.3022	-0.2134	-0.1336	-0.1981	-0.6535
0.675	*******	-0.2399	-0.1512	-0.2134	-0.6444
0.700	-0.3236	-0.2649	-0.1664	-0.2261	-0.6424
0.725	*******	-0.2933	*******	-0.2436	-0.6319
0.750	-0.3451	-0.3233	*******	-0.2578	-0.5989
0.775	*******	-0.3554	-0.2393	-0.2769	-0.5843
0.800	-0.3603	-0.3913	-0.2767	-0.3037	*******
0.825	*******	-0.4267	-0.3240	-0.3216	-0.5104
0.850	-0.3779	-0.4628	-0.3774	-0.3752	-0.4980
0.875	*******	-0.5038	-0.4400	-0.3972	-0.5608
0.900	-0.4010	-0.5453	-0.5090	-0.4650	-0.6153
0.925	*******	-0.5927	-0.5796	-0.5651	-0.7849
0.950	-0.4331	-0.6367	-0.6616	-0.7014	-0.6218
0.975	*******	-0.7363	-0.9185	-0.9136	-0.7066
1.000	-0.4503	-0.8889	-0.7924	-1.1745	-0.9706
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1379	0.1389	0.1862	*******	-0.6461
-0.400	0.1283	0.1459	0.1568	-0.0025	-0.7253
-0.600	0.1427	0.1476	0.1488	0.0316	-0.7027
-0.700	0.1621	0.1421	0.1504	0.0491	-0.6757
-0.800	0.1931	*******	0.1462	0.0694	-0.6094
-0.850	*******	0.1819	0.1561	0.0772	-0.6095
-0.900	*******	0.2087	0.1780	0.1009	-0.5977
-0.950	0.2470	0.2317	0.2118	0.1485	-0.2135
-0.975	*******	0.2101	0.2036	0.1592	-0.0594
-1.000	-0.4722	-0.7523	-1.0481	-1.0802	-0.8740

Surface Pressures



Medium Radius L.E.

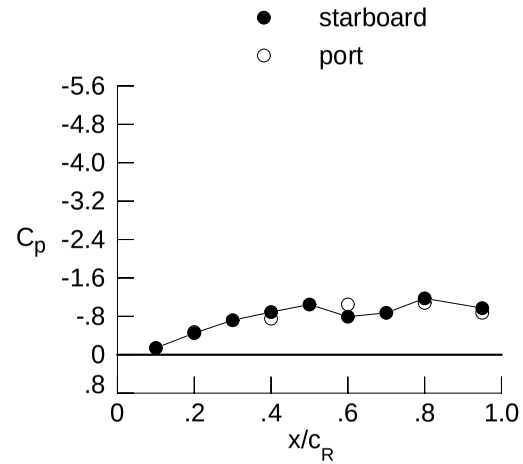
Run No. = 17 , Point No. = 358

C_N = 0.297, C_m = -0.0505

α = 7.2 °, M_∞ = 0.849

$R_{mac} = 120.0 \times 10^6$

Leading Edge Pressures

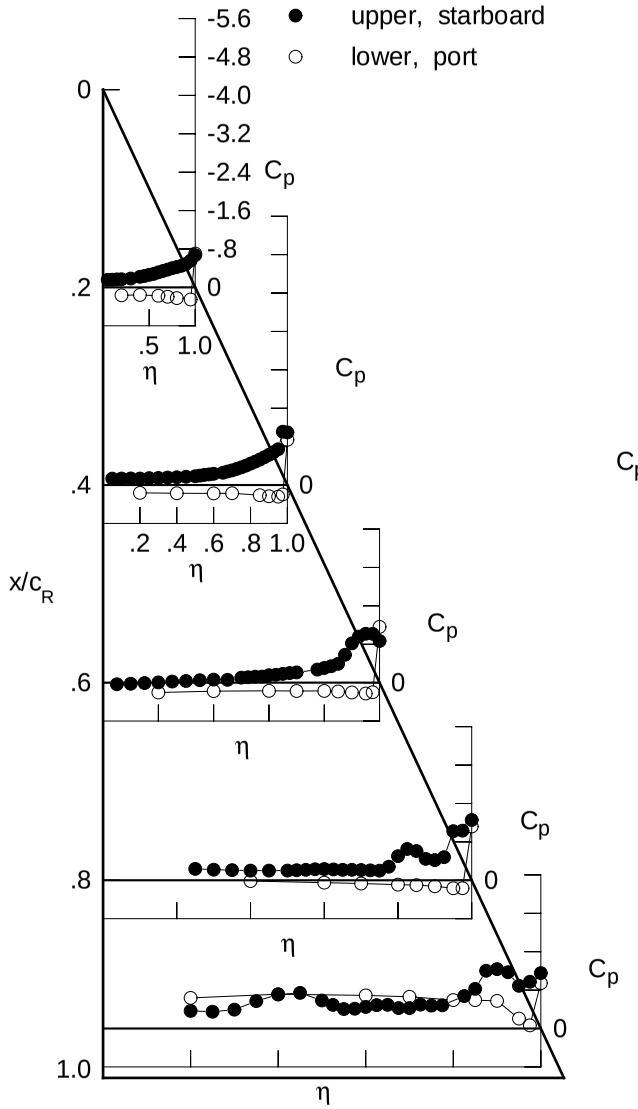


x/c_R	starb'd C_p	port C_p
0.10	-0.1414	*******
0.20	-0.4503	-0.4722
0.30	-0.7186	*******
0.40	-0.8889	-0.7523
0.50	-1.0463	*******
0.60	-0.7924	-1.0481
0.70	-0.8725	*******
0.80	-1.1745	-1.0802
0.90	*******	*******
0.95	-0.9706	-0.8740

Table E11. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .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	-0.1570	-0.1336	0.0339	*******	*******
0.100	-0.1604	-0.1355	0.0236	*******	*******
0.150	-0.1668	-0.1378	0.0091	*******	*******
0.200	-0.1698	-0.1354	-0.0048	*******	-0.3675
0.250	*******	-0.1439	-0.0231	-0.2378	-0.3498
0.300	-0.1846	-0.1474	-0.0348	-0.2211	-0.3929
0.350	*******	-0.1559	-0.0508	-0.2113	-0.5709
0.400	-0.2206	-0.1616	-0.0632	-0.2013	-0.7077
0.450	-0.2394	-0.1727	-0.0581	-0.2014	-0.7423
0.500	-0.2621	-0.1832	-0.1041	-0.2021	-0.5836
0.525	*******	-0.1958	-0.1124	-0.2097	-0.4921
0.550	-0.2828	-0.2119	-0.1236	-0.2174	-0.4057
0.575	*******	-0.2214	-0.1253	-0.2295	-0.4123
0.600	-0.3134	-0.2348	-0.1542	-0.2348	-0.4487
0.625	*******	*******	-0.1632	-0.2255	-0.4870
0.650	-0.3427	-0.2557	-0.1821	-0.2175	-0.4940
0.675	*******	-0.2814	-0.2000	-0.2181	-0.4252
0.700	-0.3699	-0.3059	-0.2129	-0.2137	-0.4257
0.725	*******	-0.3359	*******	-0.2062	-0.4965
0.750	-0.4002	-0.3678	*******	-0.2007	-0.4768
0.775	*******	-0.4040	-0.2718	-0.2833	-0.4833
0.800	-0.4247	-0.4461	-0.3059	-0.5022	*******
0.825	*******	-0.4875	-0.3418	-0.6523	-0.6757
0.850	-0.4502	-0.5306	-0.3918	-0.6098	-0.8260
0.875	*******	-0.5780	-0.5796	-0.4460	-1.2034
0.900	-0.4904	-0.6307	-0.8179	-0.4207	-1.2366
0.925	*******	-0.6837	-0.9588	-0.4819	-1.1730
0.950	-0.5576	-0.7455	-1.0187	-1.0231	-0.8893
0.975	*******	-1.1115	-1.0165	-1.0332	-0.9737
1.000	-0.6712	-1.0964	-0.8676	-1.2557	-1.1546
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1647	0.1632	0.2059	*******	-0.6375
-0.400	0.1577	0.1712	0.1771	0.0157	-0.7151
-0.600	0.1740	0.1746	0.1702	0.0492	-0.6896
-0.700	0.1950	0.1715	0.1744	0.0675	-0.6608
-0.800	0.2233	*******	0.1726	0.0908	-0.5923
-0.850	*******	0.2117	0.1840	0.1004	-0.5916
-0.900	*******	0.2339	0.2048	0.1249	-0.5752
-0.950	0.2515	0.2414	0.2261	0.1658	-0.2068
-0.975	*******	0.1962	0.2000	0.1645	-0.0655
-1.000	-0.7044	-0.9428	-1.1614	-1.1206	-0.9448

Surface Pressures



Medium Radius L.E.

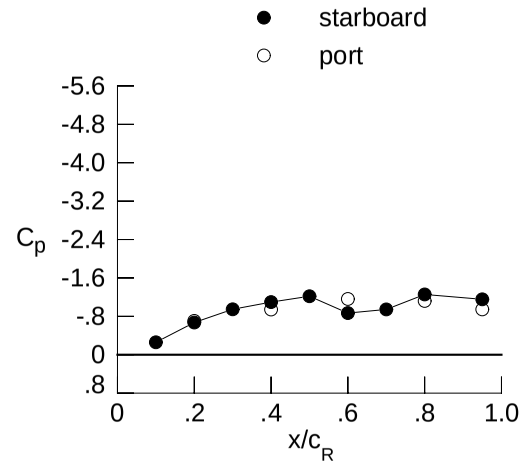
Run No. = 17 , Point No. = 359

C_N = 0.363, C_m = -0.0655

α = 8.3 °, M_∞ = 0.851

$R_{mac} = 120.1 \times 10^6$

Leading Edge Pressures

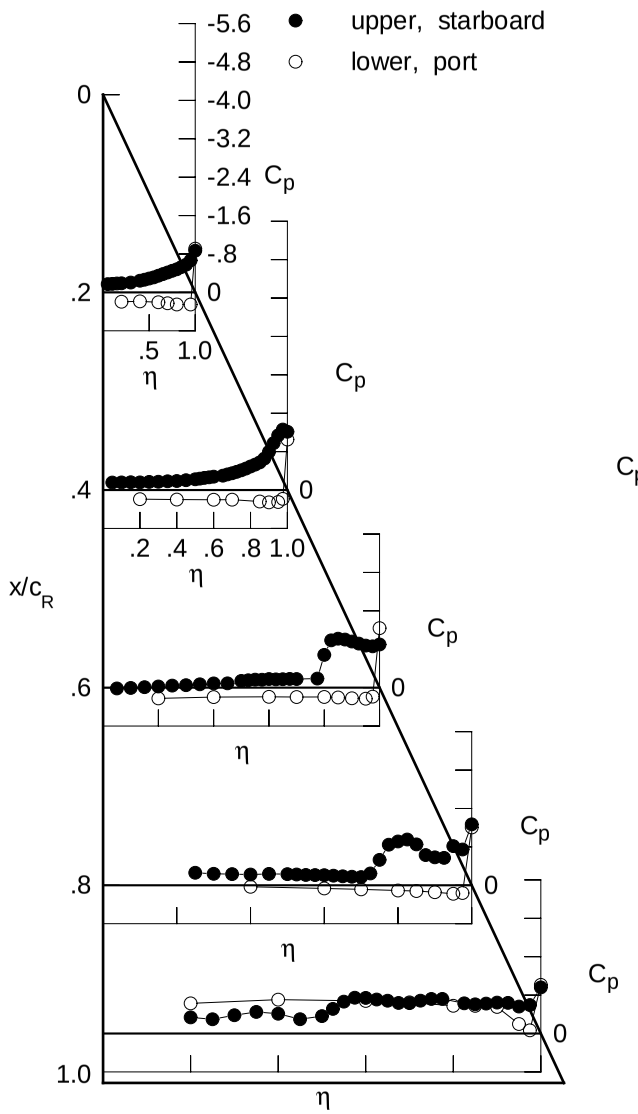


x/c_R	starb'd C_p	port C_p
0.10	-0.2592	*******
0.20	-0.6712	-0.7044
0.30	-0.9468	*******
0.40	-1.0964	-0.9428
0.50	-1.2186	*******
0.60	-0.8676	-1.1614
0.70	-0.9436	*******
0.80	-1.2557	-1.1206
0.90	*******	*******
0.95	-1.1546	-0.9448

Table E11. 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	-0.1718	-0.1558	0.0169	*******	*******
0.100	-0.1775	-0.1586	0.0060	*******	*******
0.150	-0.1853	-0.1622	-0.0095	*******	*******
0.200	-0.1896	-0.1594	-0.0239	*******	-0.3360
0.250	*******	-0.1693	-0.0422	-0.2606	-0.2967
0.300	-0.2051	-0.1731	-0.0514	-0.2395	-0.3807
0.350	*******	-0.1821	-0.0693	-0.2326	-0.4493
0.400	-0.2435	-0.1883	-0.0883	-0.2237	-0.4123
0.450	-0.2639	-0.2051	-0.0898	-0.2373	-0.2974
0.500	-0.2889	-0.2242	-0.1402	-0.2322	-0.3623
0.525	*******	-0.2374	-0.1536	-0.2246	-0.5125
0.550	-0.3130	-0.2537	-0.1664	-0.2155	-0.6641
0.575	*******	-0.2647	-0.1651	-0.2128	-0.7459
0.600	-0.3473	-0.2782	-0.1789	-0.2107	-0.7413
0.625	*******	*******	-0.1717	-0.2000	-0.7083
0.650	-0.3812	-0.2988	-0.1749	-0.1876	-0.6830
0.675	*******	-0.3258	-0.1813	-0.1781	-0.6371
0.700	-0.4148	-0.3495	-0.1790	-0.1712	-0.6329
0.725	*******	-0.3790	*******	-0.2464	-0.6844
0.750	-0.4497	-0.4110	*******	-0.5296	-0.7200
0.775	*******	-0.4474	-0.1892	-0.8452	-0.7210
0.800	-0.4816	-0.4902	-0.6825	-0.9125	*******
0.825	*******	-0.5295	-0.9853	-0.9538	-0.6291
0.850	-0.5278	-0.5756	-1.0199	-0.8518	-0.6080
0.875	*******	-0.6556	-1.0016	-0.6296	-0.6231
0.900	-0.5760	-0.7967	-0.9604	-0.5821	-0.6439
0.925	*******	-0.9768	-0.9176	-0.5715	-0.6385
0.950	-0.6674	-1.1391	-0.8760	-0.8156	-0.5619
0.975	*******	-1.2600	-0.8605	-0.7457	-0.5931
1.000	-0.8677	-1.2144	-0.8991	-1.2697	-0.9607
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1940	0.1900	0.2241	*******	-0.6278
-0.400	0.1872	0.1983	0.1966	0.0312	-0.7056
-0.600	0.2057	0.2027	0.1909	0.0656	-0.6787
-0.700	0.2262	0.2005	0.1957	0.0850	-0.6487
-0.800	0.2519	*******	0.1941	0.1090	-0.5772
-0.850	*******	0.2395	0.2049	0.1196	-0.5758
-0.900	*******	0.2566	0.2218	0.1443	-0.5533
-0.950	0.2522	0.2497	0.2303	0.1766	-0.1974
-0.975	*******	0.1836	0.1876	0.1605	-0.0663
-1.000	-0.9114	-1.0517	-1.2394	-1.2050	-1.0136

Surface Pressures



Medium Radius L.E.

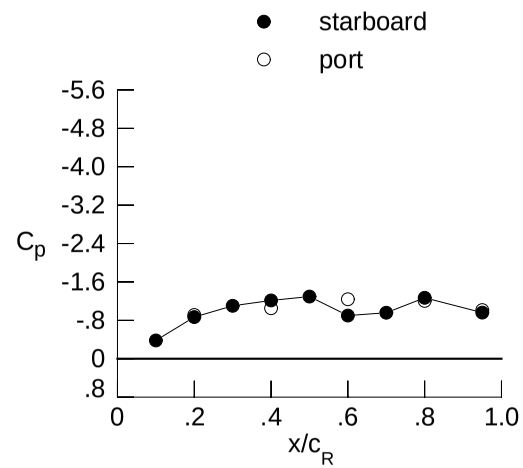
Run No. = 17 , Point No. = 360

C_N = 0.419, C_m = -0.0741

α = 9.4 °, M_∞ = 0.849

$R_{mac} = 119.9 \times 10^6$

Leading Edge Pressures

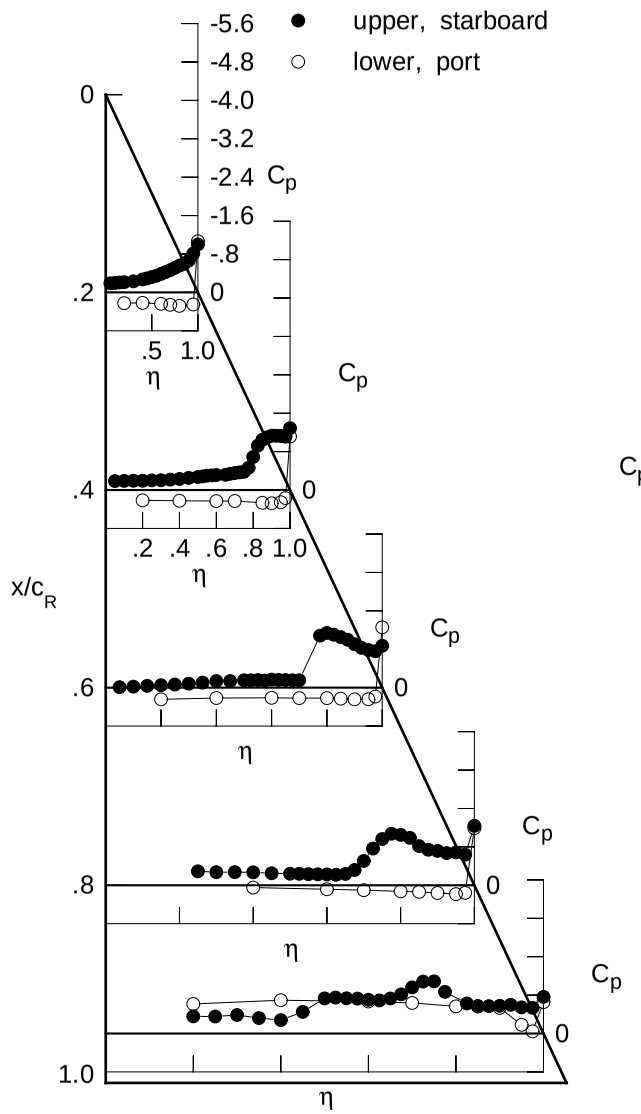


x/c_R	starb'd C_p	port C_p
0.10	-0.3807	*******
0.20	-0.8677	-0.9114
0.30	-1.1028	*******
0.40	-1.2144	-1.0517
0.50	-1.2949	*******
0.60	-0.8991	-1.2394
0.70	-0.9581	*******
0.80	-1.2697	-1.2050
0.90	*******	*******
0.95	-0.9607	-1.0136

Table E11. 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	-0.1884	-0.1861	-0.0100	*******	*******
0.100	-0.1958	-0.1904	-0.0211	*******	*******
0.150	-0.2062	-0.1936	-0.0376	*******	*******
0.200	-0.2118	-0.1935	-0.0503	*******	-0.3569
0.250	*******	-0.2018	-0.0651	-0.2910	-0.3545
0.300	-0.2304	-0.2043	-0.0827	-0.2727	-0.3854
0.350	*******	-0.2178	-0.1048	-0.2735	-0.3220
0.400	-0.2700	-0.2311	-0.1369	-0.2701	-0.2793
0.450	-0.2920	-0.2532	-0.1367	-0.2502	-0.4503
0.500	-0.3199	-0.2713	-0.1539	-0.2404	-0.7320
0.525	*******	-0.2830	-0.1531	-0.2395	-0.7491
0.550	-0.3470	-0.2994	-0.1566	-0.2320	-0.7339
0.575	*******	-0.3051	-0.1477	-0.2288	-0.7271
0.600	-0.3847	-0.3126	-0.1679	-0.2252	-0.7031
0.625	*******	*******	-0.1610	-0.2192	-0.6884
0.650	-0.4236	-0.3172	-0.1573	-0.2365	-0.7294
0.675	*******	-0.3388	-0.1532	-0.3191	-0.8163
0.700	-0.4643	-0.3532	-0.1544	-0.5060	-0.9609
0.725	*******	-0.3680	*******	-0.7648	-1.0818
0.750	-0.5110	-0.3807	*******	-0.9631	-1.0862
0.775	*******	-0.4639	-1.0833	-1.0736	-0.8681
0.800	-0.5576	-0.6886	-1.1395	-1.0504	*******
0.825	*******	-0.9238	-1.1031	-0.9882	-0.6255
0.850	-0.5944	-1.0488	-1.0528	-0.8164	-0.5725
0.875	*******	-1.0978	-0.9979	-0.7400	-0.5697
0.900	-0.6604	-1.1323	-0.9050	-0.7170	-0.5767
0.925	*******	-1.1308	-0.8290	-0.6703	-0.5982
0.950	-0.8113	-1.1265	-0.7842	-0.6850	-0.5447
0.975	*******	-1.1129	-0.7568	-0.6387	-0.5362
1.000	-0.9985	-1.2885	-0.8730	-1.2387	-0.7629
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2237	0.2149	0.2436	*******	-0.6156
-0.400	0.2185	0.2235	0.2166	0.0476	-0.6937
-0.600	0.2381	0.2293	0.2121	0.0822	-0.6671
-0.700	0.2584	0.2288	0.2184	0.1018	-0.6372
-0.800	0.2804	*******	0.2183	0.1263	-0.5653
-0.850	*******	0.2652	0.2295	0.1370	-0.5618
-0.900	*******	0.2760	0.2440	0.1602	-0.5325
-0.950	0.2511	0.2541	0.2419	0.1842	-0.1806
-0.975	*******	0.1682	0.1854	0.1565	-0.0451
-1.000	-1.0661	-1.1148	-1.2563	-1.1907	-0.6534

Surface Pressures



Medium Radius L.E.

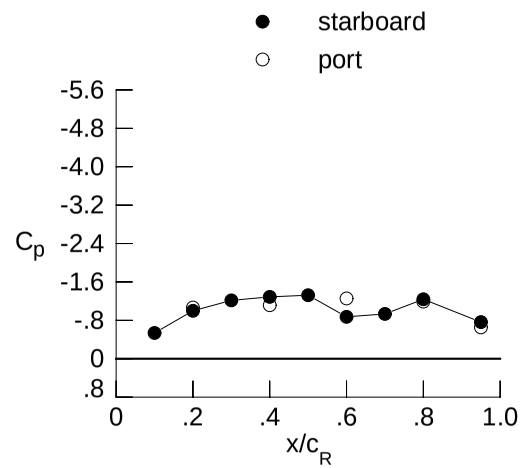
Run No. = 17 , Point No. = 361

C_N = 0.486, C_m = -0.0852

α = 10.5 °, M_∞ = 0.852

$R_{mac} = 120.1 \times 10^6$

Leading Edge Pressures

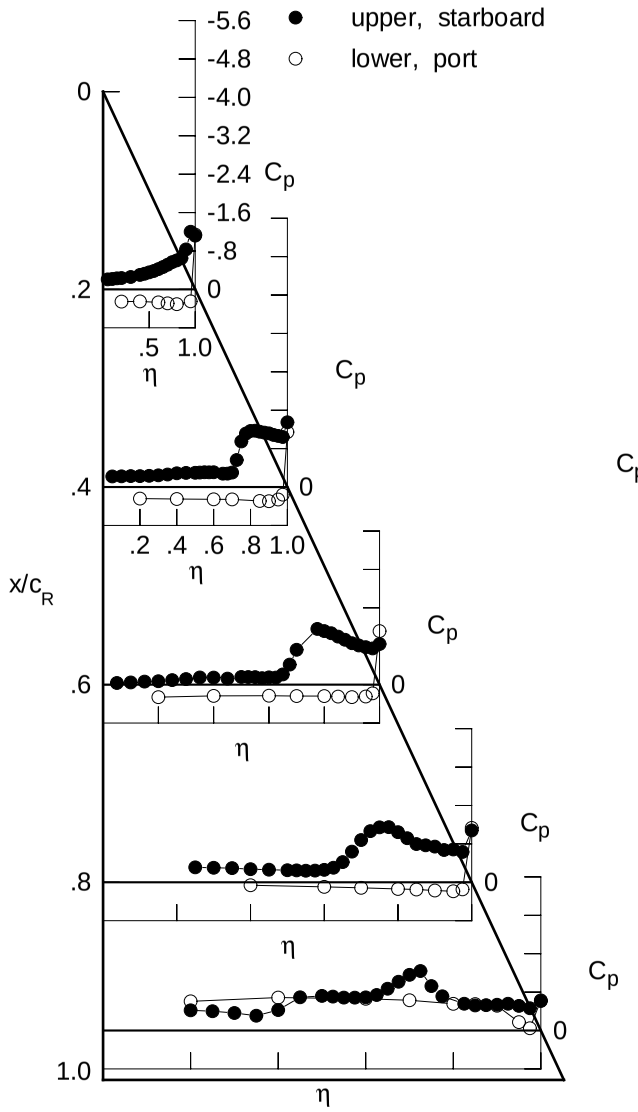


x/c_R	starb'd C_p	port C_p
0.10	-0.5372	*******
0.20	-0.9985	-1.0661
0.30	-1.2157	*******
0.40	-1.2885	-1.1148
0.50	-1.3231	*******
0.60	-0.8730	-1.2563
0.70	-0.9334	*******
0.80	-1.2387	-1.1907
0.90	*******	*******
0.95	-0.7629	-0.6534

Table E11. 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	-0.2086	-0.2209	-0.0342	*******	*******
0.100	-0.2172	-0.2234	-0.0456	*******	*******
0.150	-0.2306	-0.2283	-0.0631	*******	*******
0.200	-0.2368	-0.2276	-0.0713	*******	-0.4211
0.250	*******	-0.2338	-0.0946	-0.3110	-0.4016
0.300	-0.2584	-0.2437	-0.1161	-0.3021	-0.3651
0.350	*******	-0.2611	-0.1495	-0.2948	-0.3082
0.400	-0.3018	-0.2866	-0.1470	-0.2727	-0.4266
0.450	-0.3252	-0.2944	-0.1258	-0.2625	-0.6923
0.500	-0.3549	-0.2969	-0.1597	-0.2509	-0.7205
0.525	*******	-0.3012	-0.1587	-0.2483	-0.7064
0.550	-0.3831	-0.3077	-0.1569	-0.2407	-0.6856
0.575	*******	-0.3066	-0.1350	-0.2430	-0.6850
0.600	-0.4224	-0.3078	-0.1519	-0.2589	-0.6906
0.625	*******	*******	-0.1472	-0.3033	-0.7403
0.650	-0.4658	-0.2787	-0.2126	-0.4211	-0.8701
0.675	*******	-0.2792	-0.4177	-0.6384	-1.0160
0.700	-0.5140	-0.3017	-0.7260	-0.8801	-1.1599
0.725	*******	-0.5631	*******	-1.0657	-1.2392
0.750	-0.5682	-0.9498	*******	-1.1444	-0.9257
0.775	*******	-1.1141	-1.1609	-1.1486	-0.7127
0.800	-0.6042	-1.1680	-1.1159	-1.0437	*******
0.825	*******	-1.1734	-1.0712	-0.9184	-0.5577
0.850	-0.6502	-1.1523	-1.0009	-0.7964	-0.5223
0.875	*******	-1.1340	-0.9354	-0.7706	-0.5278
0.900	-0.8330	-1.1181	-0.8636	-0.7432	-0.5368
0.925	*******	-1.0855	-0.8159	-0.6731	-0.5575
0.950	-1.2009	-1.0650	-0.7808	-0.6833	-0.5127
0.975	*******	-1.0423	-0.7540	-0.6316	-0.4641
1.000	-1.1198	-1.3492	-0.8465	-1.0796	-0.6152
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2544	0.2405	0.2605	*******	-0.6076
-0.400	0.2506	0.2498	0.2342	0.0617	-0.6868
-0.600	0.2705	0.2557	0.2308	0.0954	-0.6606
-0.700	0.2902	0.2572	0.2379	0.1155	-0.6302
-0.800	0.3082	*******	0.2380	0.1391	-0.5563
-0.850	*******	0.2900	0.2488	0.1500	-0.5502
-0.900	*******	0.2951	0.2601	0.1716	-0.5162
-0.950	0.2485	0.2599	0.2475	0.1870	-0.1743
-0.975	*******	0.1587	0.1805	0.1473	-0.0475
-1.000	-1.1416	-1.1446	-1.1155	-1.1328	-0.6274

Surface Pressures



Medium Radius L.E.

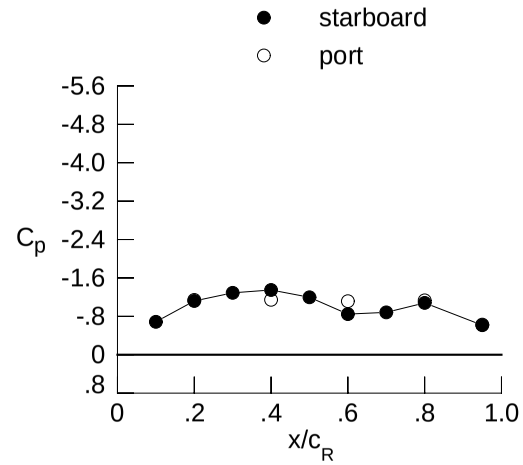
Run No. = 17 , Point No. = 362

C_N = 0.548, C_m = -0.0922

α = 11.5 °, M_∞ = 0.850

$R_{mac} = 120.0 \times 10^6$

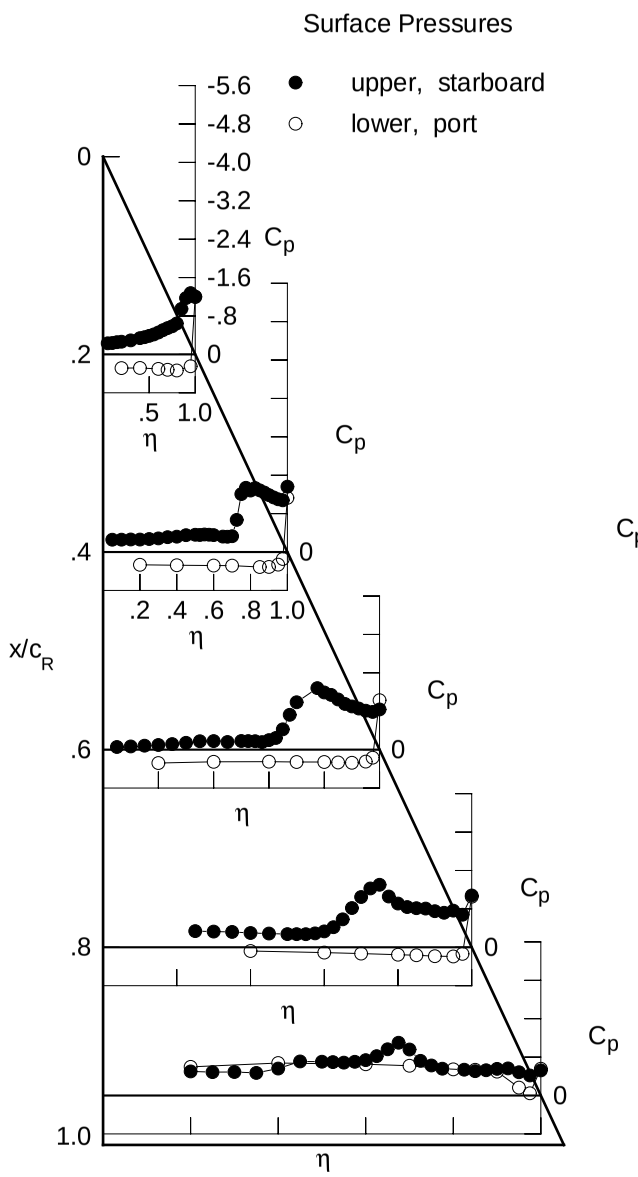
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.6858	*******
0.20	-1.1198	-1.1416
0.30	-1.2894	*******
0.40	-1.3492	-1.1446
0.50	-1.1969	*******
0.60	-0.8465	-1.1155
0.70	-0.8826	*******
0.80	-1.0796	-1.1328
0.90	*******	*******
0.95	-0.6152	-0.6274

Table E11. 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	-0.2309	-0.2571	-0.0552	*******	*******
0.100	-0.2364	-0.2578	-0.0666	*******	*******
0.150	-0.2543	-0.2615	-0.0824	*******	*******
0.200	-0.2641	-0.2599	-0.0968	*******	-0.5017
0.250	*******	-0.2708	-0.1162	-0.3370	-0.4874
0.300	-0.2918	-0.2836	-0.1427	-0.3269	-0.4899
0.350	*******	-0.3099	-0.1754	-0.3199	-0.4708
0.400	-0.3386	-0.3197	-0.1786	-0.2980	-0.5615
0.450	-0.3582	-0.3509	-0.1590	-0.2863	-0.7098
0.500	-0.3860	-0.3598	-0.1802	-0.2741	-0.7044
0.525	*******	-0.3552	-0.1782	-0.2736	-0.6956
0.550	-0.4151	-0.3657	-0.1760	-0.2729	-0.6845
0.575	*******	-0.3608	-0.1572	-0.2894	-0.7024
0.600	-0.4560	-0.3529	-0.1982	-0.3312	-0.7369
0.625	*******	*******	-0.2431	-0.4184	-0.8197
0.650	-0.5048	-0.3214	-0.4236	-0.5824	-0.9630
0.675	*******	-0.3187	-0.7252	-0.8174	-1.0993
0.700	-0.5479	-0.3296	-0.9874	-1.0469	-0.9583
0.725	*******	-0.6697	*******	-1.2256	-0.7223
0.750	-0.5854	-1.2074	*******	-1.3027	-0.6257
0.775	*******	-1.3385	-1.2818	-1.0575	-0.5587
0.800	-0.6449	-1.2804	-1.1912	-0.9113	*******
0.825	*******	-1.3339	-1.1398	-0.8381	-0.5379
0.850	-0.9483	-1.2844	-1.0452	-0.8144	-0.5074
0.875	*******	-1.2392	-0.9517	-0.8060	-0.5265
0.900	-1.1738	-1.1852	-0.8997	-0.7521	-0.5554
0.925	*******	-1.1380	-0.8559	-0.7191	-0.5648
0.950	-1.2765	-1.0993	-0.8114	-0.7634	-0.4849
0.975	*******	-1.0777	-0.7856	-0.6785	-0.4178
1.000	-1.2049	-1.3619	-0.8378	-1.0789	-0.5236
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2854	0.2659	0.2792	*******	-0.5965
-0.400	0.2826	0.2751	0.2532	0.0780	-0.6765
-0.600	0.3026	0.2814	0.2505	0.1107	-0.6515
-0.700	0.3206	0.2832	0.2574	0.1310	-0.6201
-0.800	0.3348	*******	0.2579	0.1547	-0.5447
-0.850	*******	0.3120	0.2668	0.1659	-0.5358
-0.900	*******	0.3107	0.2739	0.1853	-0.4973
-0.950	0.2473	0.2628	0.2487	0.1909	-0.1648
-0.975	*******	0.1451	0.1670	0.1370	-0.0460
-1.000	-1.1942	-1.1281	-1.0293	-1.0537	-0.5578



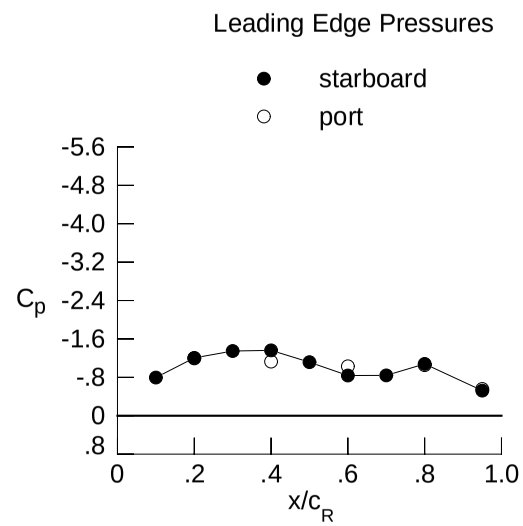
Medium Radius L.E.

Run No. = 17 , Point No. = 363

C_N = 0.603, C_m = -0.0980

α = 12.6 °, M_∞ = 0.850

$R_{mac} = 120.0 \times 10^6$

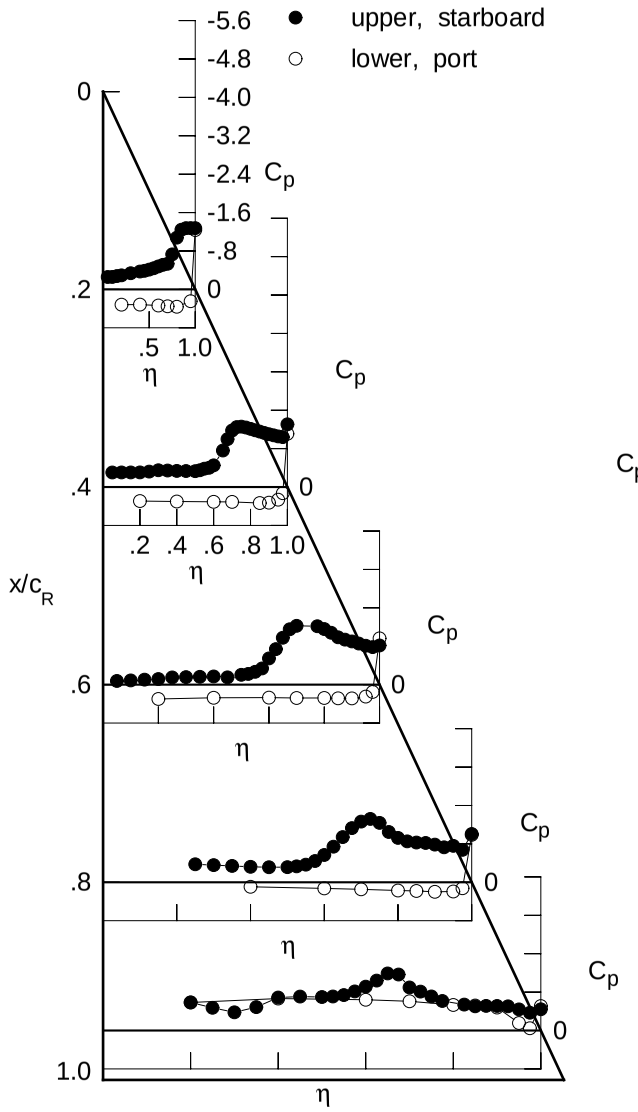


x/c_R	starb'd C_p	port C_p
0.10	-0.7955	*******
0.20	-1.2049	-1.1942
0.30	-1.3481	*******
0.40	-1.3619	-1.1281
0.50	-1.1158	*******
0.60	-0.8378	-1.0293
0.70	-0.8403	*******
0.80	-1.0789	-1.0537
0.90	*******	*******
0.95	-0.5236	-0.5578

Table E11. 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	-0.2587	-0.3031	-0.0767	*******	*******
0.100	-0.2590	-0.3042	-0.0884	*******	*******
0.150	-0.2774	-0.3040	-0.1041	*******	*******
0.200	-0.2931	-0.3046	-0.1168	*******	-0.5846
0.250	*******	-0.3217	-0.1505	-0.3750	-0.4739
0.300	-0.3369	-0.3497	-0.1571	-0.3575	-0.3790
0.350	*******	-0.3439	-0.1632	-0.3405	-0.4870
0.400	-0.3722	-0.3356	-0.1704	-0.3225	-0.6871
0.450	-0.3868	-0.3334	-0.1523	-0.3136	-0.7071
0.500	-0.4119	-0.3302	-0.2045	-0.3156	-0.6974
0.525	*******	-0.3496	-0.2235	-0.3323	-0.7087
0.550	-0.4408	-0.3821	-0.2672	-0.3668	-0.7380
0.575	*******	-0.4011	-0.3379	-0.4430	-0.8144
0.600	-0.4787	-0.4517	-0.5465	-0.5689	-0.9140
0.625	*******	*******	-0.7396	-0.7416	-1.0402
0.650	-0.5117	-0.7611	-0.9765	-0.9413	-1.1888
0.675	*******	-0.9975	-1.1532	-1.1284	-1.1663
0.700	-0.5335	-1.1775	-1.2254	-1.2637	-0.8966
0.725	*******	-1.2485	*******	-1.3201	-0.8102
0.750	-0.7297	-1.2585	*******	-1.2379	-0.7093
0.775	*******	-1.2399	-1.2170	-1.0481	-0.6154
0.800	-1.0773	-1.2120	-1.1587	-0.9246	*******
0.825	*******	-1.1821	-1.0805	-0.8528	-0.5404
0.850	-1.2430	-1.1554	-0.9861	-0.8279	-0.5041
0.875	*******	-1.1267	-0.9374	-0.8193	-0.5131
0.900	-1.2760	-1.1000	-0.9003	-0.7849	-0.5114
0.925	*******	-1.0778	-0.8559	-0.7289	-0.5038
0.950	-1.2769	-1.0547	-0.8102	-0.7591	-0.4398
0.975	*******	-1.0402	-0.7816	-0.6763	-0.3704
1.000	-1.2761	-1.3061	-0.8162	-1.0068	-0.4423
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3183	0.2923	0.2987	*******	-0.5836
-0.400	0.3166	0.3014	0.2736	0.0939	-0.6657
-0.600	0.3361	0.3077	0.2701	0.1274	-0.6410
-0.700	0.3523	0.3100	0.2784	0.1468	-0.6085
-0.800	0.3613	*******	0.2776	0.1712	-0.5323
-0.850	*******	0.3333	0.2851	0.1807	-0.5207
-0.900	*******	0.3255	0.2868	0.1980	-0.4785
-0.950	0.2461	0.2635	0.2486	0.1923	-0.1559
-0.975	*******	0.1289	0.1521	0.1243	-0.0473
-1.000	-1.2363	-1.1092	-0.9644	-0.9883	-0.5095

Surface Pressures



Medium Radius L.E.

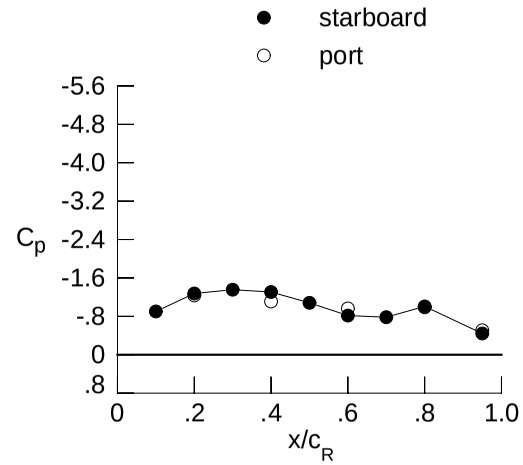
Run No. = 17 , Point No. = 364

C_N = 0.667, C_m = -0.1065

α = 13.7 °, M_∞ = 0.851

$R_{mac} = 119.9 \times 10^6$

Leading Edge Pressures

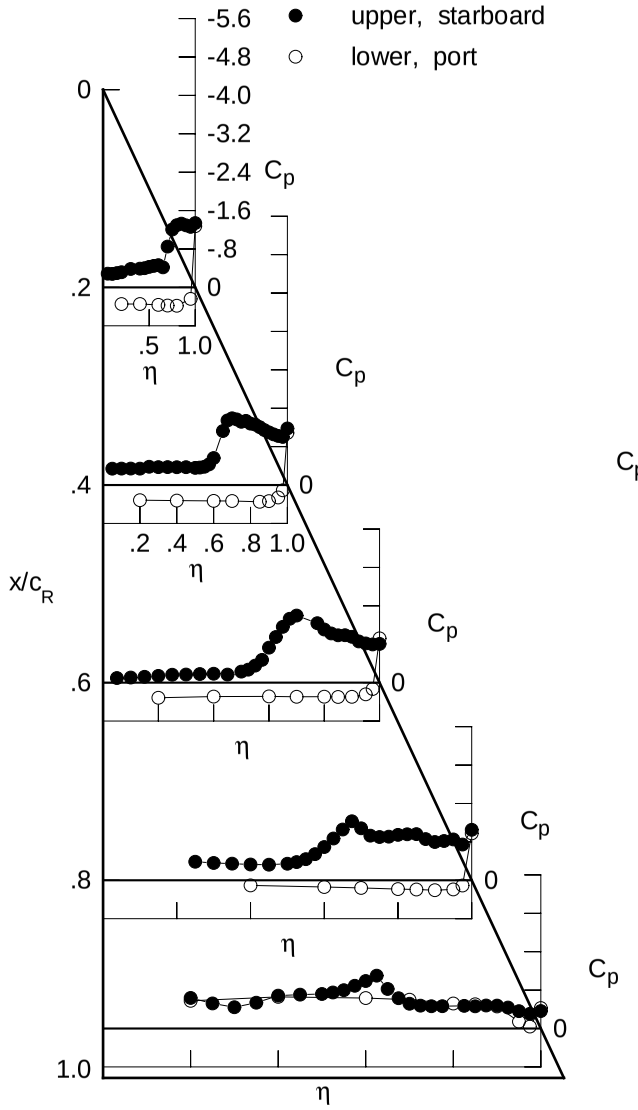


x/c_R	starb'd C_p	port C_p
0.10	-0.9015	*******
0.20	-1.2761	-1.2363
0.30	-1.3548	*******
0.40	-1.3061	-1.1092
0.50	-1.0813	*******
0.60	-0.8162	-0.9644
0.70	-0.7819	*******
0.80	-1.0068	-0.9883
0.90	*******	*******
0.95	-0.4423	-0.5095

Table E11. 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	-0.2853	-0.3409	-0.0958	*******	*******
0.100	-0.2805	-0.3424	-0.1062	*******	*******
0.150	-0.2978	-0.3429	-0.1213	*******	*******
0.200	-0.3158	-0.3413	-0.1407	*******	-0.6366
0.250	*******	-0.3807	-0.1650	-0.3866	-0.5222
0.300	-0.3838	-0.3725	-0.1688	-0.3611	-0.4429
0.350	*******	-0.3736	-0.1790	-0.3466	-0.5376
0.400	-0.3901	-0.3713	-0.1859	-0.3286	-0.6851
0.450	-0.3997	-0.3721	-0.1676	-0.3250	-0.7055
0.500	-0.4272	-0.3578	-0.2296	-0.3446	-0.7196
0.525	*******	-0.3639	-0.2704	-0.3790	-0.7503
0.550	-0.4477	-0.3811	-0.3543	-0.4400	-0.7986
0.575	*******	-0.4303	-0.4740	-0.5449	-0.8903
0.600	-0.4630	-0.5624	-0.7285	-0.6929	-0.9896
0.625	*******	*******	-0.9507	-0.8705	-1.1006
0.650	-0.4173	-1.1246	-1.1623	-1.0579	-0.8238
0.675	*******	-1.3457	-1.3306	-1.2297	-0.6314
0.700	-0.8508	-1.3901	-1.3977	-1.0835	-0.5163
0.725	*******	-1.3675	*******	-0.9294	-0.4760
0.750	-1.2054	-1.3176	*******	-0.9013	-0.4642
0.775	*******	-1.3372	-1.2383	-0.9091	-0.4650
0.800	-1.2962	-1.2791	-1.1071	-0.9463	*******
0.825	*******	-1.2600	-1.0249	-0.9587	-0.4721
0.850	-1.3280	-1.2054	-0.9861	-0.9614	-0.4621
0.875	*******	-1.1453	-0.9878	-0.8585	-0.4791
0.900	-1.2927	-1.0970	-0.9550	-0.7979	-0.4776
0.925	*******	-1.0560	-0.8582	-0.8187	-0.4371
0.950	-1.2611	-1.0233	-0.8171	-0.8514	-0.3619
0.975	*******	-1.0022	-0.7958	-0.7448	-0.3067
1.000	-1.3400	-1.1782	-0.8075	-1.0524	-0.3643
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3471	0.3157	0.3148	*******	-0.5772
-0.400	0.3464	0.3241	0.2902	0.1066	-0.6589
-0.600	0.3644	0.3307	0.2868	0.1398	-0.6343
-0.700	0.3782	0.3326	0.2945	0.1593	-0.5999
-0.800	0.3825	*******	0.2927	0.1833	-0.5211
-0.850	*******	0.3491	0.2986	0.1922	-0.5051
-0.900	*******	0.3348	0.2953	0.2063	-0.4595
-0.950	0.2388	0.2593	0.2435	0.1906	-0.1435
-0.975	*******	0.1092	0.1325	0.1084	-0.0408
-1.000	-1.2750	-1.0856	-0.9225	-0.9771	-0.4264

Surface Pressures



Medium Radius L.E.

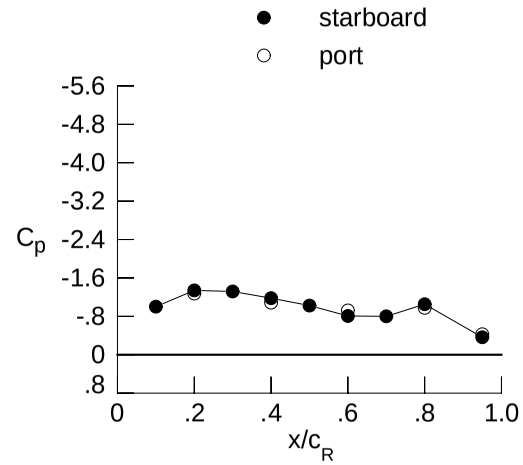
Run No. = 17 , Point No. = 365

C_N = 0.703, C_m = -0.1025

α = 14.8 °, M_∞ = 0.851

$R_{mac} = 119.8 \times 10^6$

Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0019	*******
0.20	-1.3400	-1.2750
0.30	-1.3178	*******
0.40	-1.1782	-1.0856
0.50	-1.0243	*******
0.60	-0.8075	-0.9225
0.70	-0.7997	*******
0.80	-1.0524	-0.9771
0.90	*******	*******
0.95	-0.3643	-0.4264