Appendix C

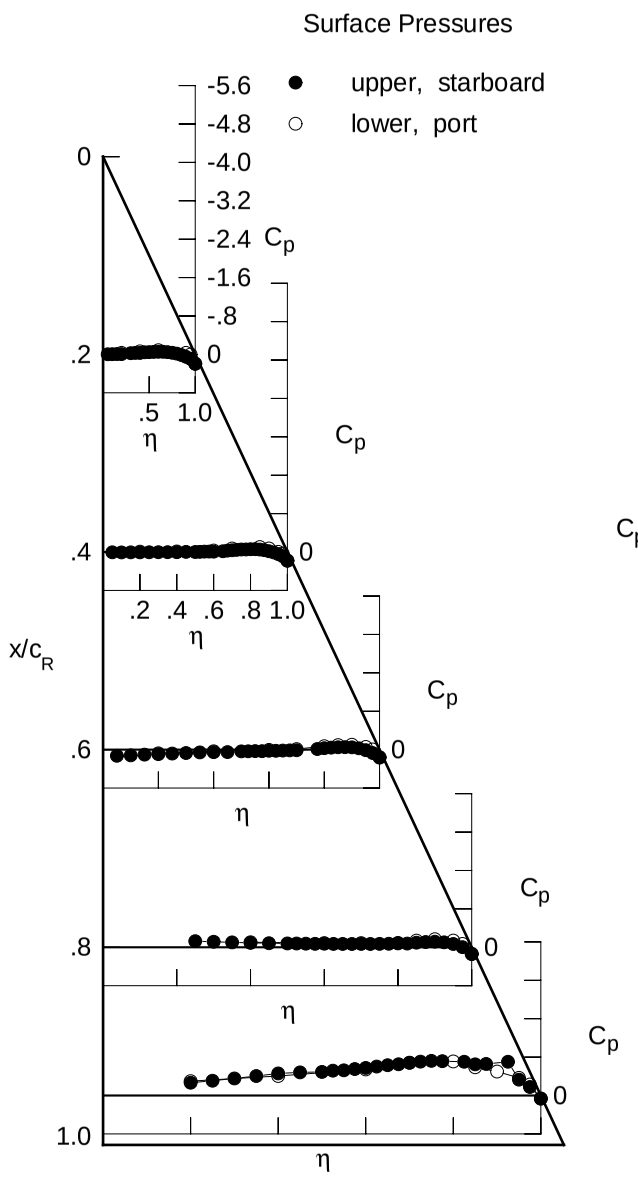
Experimental Surface Pressure Data for 65° Delta Wing, M_∞ = 0.85

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

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

Table C1. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0023	0.0055	0.1282	*******	*******
0.100	-0.0037	0.0078	0.1195	*******	*******
0.150	-0.0074	0.0062	0.1038	*******	*******
0.200	-0.0057	0.0067	0.0935	*******	-0.2661
0.250	*******	0.0048	0.0818	-0.1271	-0.3080
0.300	-0.0251	0.0040	0.0705	-0.1150	-0.3551
0.350	-0.0312	0.0032	0.0580	-0.1021	-0.4054
0.400	-0.0308	0.0035	0.0516	-0.0922	-0.4597
0.450	-0.0444	-0.0030	0.0511	-0.0852	-0.4816
0.500	-0.0474	-0.0005	0.0359	-0.0804	-0.4913
0.525	*******	-0.0041	0.0345	-0.0785	-0.5178
0.550	-0.0520	-0.0084	0.0307	-0.0752	-0.5245
0.575	*******	-0.0093	0.0320	-0.0718	-0.5511
0.600	-0.0544	-0.0079	0.0233	-0.0748	-0.5745
0.625	*******	*******	0.0237	-0.0706	-0.6035
0.650	-0.0541	-0.0158	0.0196	-0.0693	-0.6312
0.675	*******	-0.0293	0.0155	-0.0690	-0.6515
0.700	-0.0464	-0.0371	0.0126	-0.0704	-0.6829
0.725	*******	-0.0457	*******	-0.0691	-0.7055
0.750	-0.0334	-0.0530	*******	-0.0713	-0.7219
0.775	*******	-0.0533	-0.0131	-0.0734	-0.7149
0.800	-0.0157	-0.0585	-0.0302	-0.0805	*******
0.825	*******	-0.0590	-0.0419	-0.0779	-0.7031
0.850	0.0130	-0.0520	-0.0493	-0.0961	-0.6495
0.875	*******	-0.0396	-0.0513	-0.1100	-0.6576
0.900	0.0506	-0.0169	-0.0482	-0.1166	*******
0.925	*******	0.0072	-0.0277	-0.1029	-0.7031
0.950	0.0936	0.0428	0.0110	-0.0691	-0.3301
0.975	*******	0.0880	0.0703	-0.0021	-0.1773
1.000	0.1978	0.1827	0.1663	0.1429	0.0625
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0318	-0.0084	0.0768	*******	-0.2995
-0.400	-0.0633	-0.0120	0.0342	-0.1049	-0.4066
-0.600	-0.0875	-0.0314	0.0047	-0.0869	-0.5434
-0.700	*******	-0.0735	-0.0114	-0.0873	-0.6815
-0.800	*******	*******	-0.0722	-0.0914	-0.7097
-0.850	*******	-0.1042	-0.0941	-0.1394	-0.5883
-0.900	-0.0319	-0.0748	-0.1022	-0.1689	-0.4989
-0.950	0.0013	-0.0043	-0.0571	-0.1397	-0.3683
-0.975	*******	0.0336	-0.0043	-0.0708	-0.2300
-1.000	0.1901	0.1753	0.1563	0.1325	0.0654



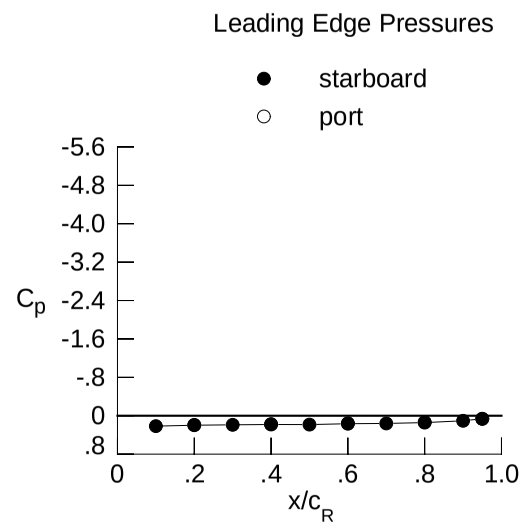
Small Radius L.E.

Run No. = 41 , Point No. = 837

C_N = -0.030, C_m = 0.0062

α = -0.4 °, M_∞ = 0.851

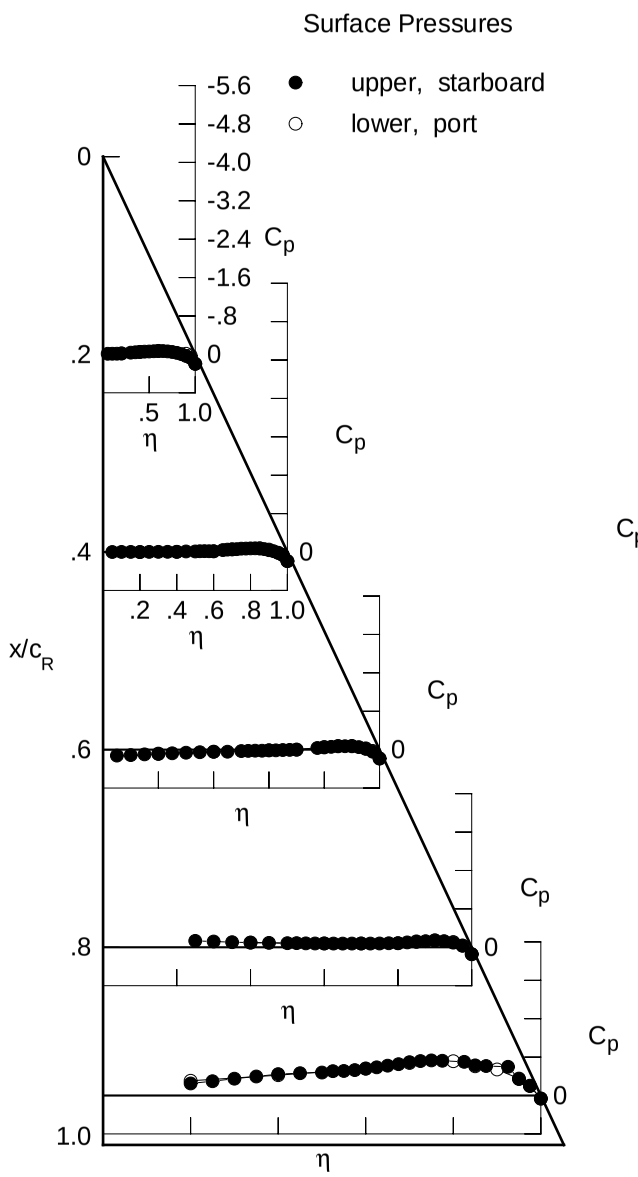
R_{mac} = 6.0×10^6



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

Table C1. Continued.

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



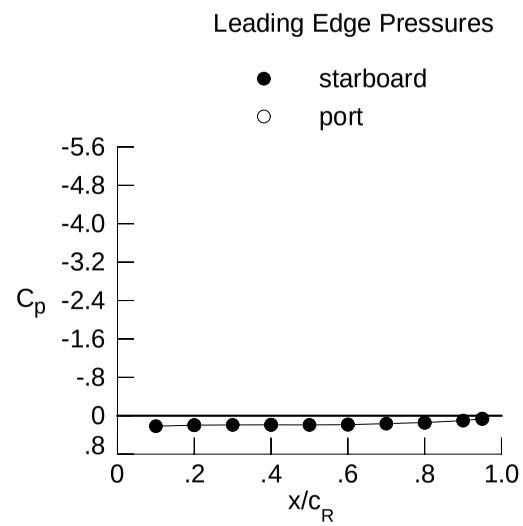
Small Radius L.E.

Run No. = 41 , Point No. = 838

C_N = -0.009, C_m = 0.0020

α = 0.1 °, M_∞ = 0.851

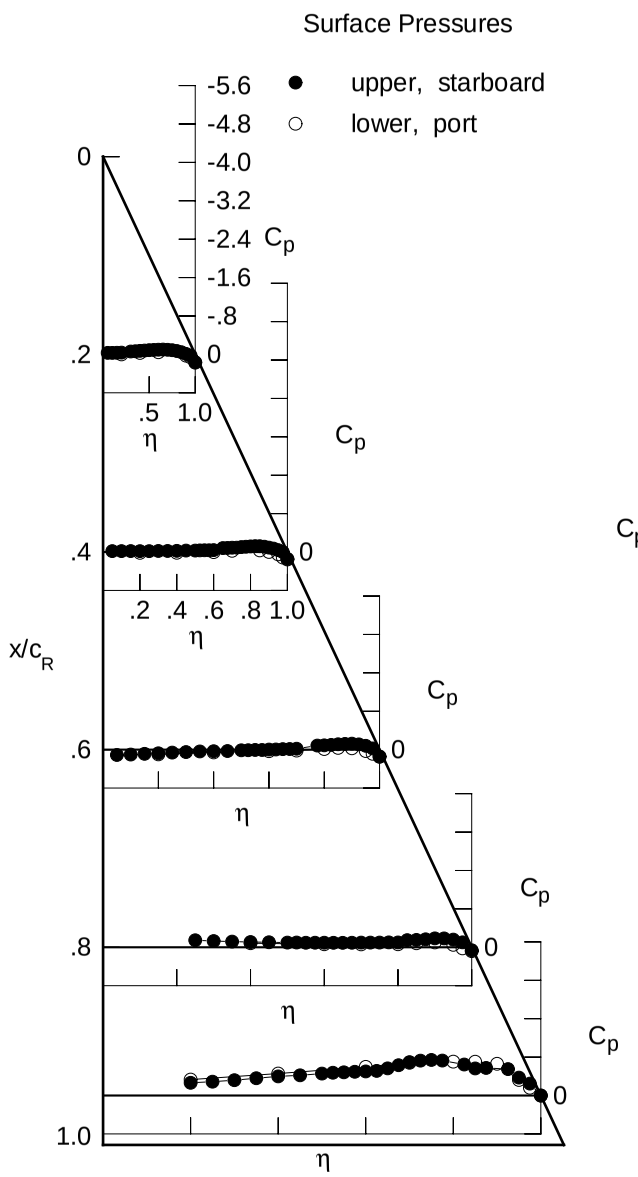
R_{mac} = 6.0×10^6



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

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0317	-0.0194	0.1108	*******	*******
0.100	-0.0309	-0.0191	0.1023	*******	*******
0.150	-0.0337	-0.0199	0.0872	*******	*******
0.200	-0.0368	-0.0185	0.0762	*******	-0.2650
0.250	*******	-0.0185	0.0618	-0.1465	-0.2878
0.300	-0.0599	-0.0221	0.0505	-0.1298	-0.3190
0.350	-0.0658	-0.0223	0.0374	-0.1185	-0.3597
0.400	-0.0737	-0.0246	0.0332	-0.1100	-0.3984
0.450	-0.0797	-0.0302	0.0288	-0.1050	-0.4210
0.500	-0.0877	-0.0304	0.0135	-0.0976	-0.4565
0.525	*******	-0.0343	0.0121	-0.0993	-0.4740
0.550	-0.0928	-0.0370	0.0067	-0.0945	-0.4832
0.575	*******	-0.0366	0.0069	-0.0956	-0.4942
0.600	-0.0977	-0.0398	-0.0018	-0.0950	-0.5012
0.625	*******	*******	-0.0029	-0.0938	-0.5131
0.650	-0.1008	-0.0823	-0.0104	-0.0925	-0.5655
0.675	*******	-0.0851	-0.0127	-0.0940	-0.6316
0.700	-0.0958	-0.0902	-0.0189	-0.0973	-0.6956
0.725	*******	-0.0914	*******	-0.0973	-0.7266
0.750	-0.0868	-0.1035	*******	-0.0984	-0.7409
0.775	*******	-0.1100	-0.0849	-0.1024	-0.7281
0.800	-0.0705	-0.1173	-0.0896	-0.1008	*******
0.825	*******	-0.1222	-0.0985	-0.1488	-0.6453
0.850	-0.0458	-0.1218	-0.1118	-0.1537	-0.5639
0.875	*******	-0.1109	-0.1195	-0.1665	-0.5742
0.900	-0.0107	-0.0923	-0.1245	-0.1858	*******
0.925	*******	-0.0721	-0.1099	-0.1845	-0.5507
0.950	0.0230	-0.0400	-0.0796	-0.1599	-0.3729
0.975	*******	0.0000	-0.0260	-0.1031	-0.2476
1.000	0.1620	0.1425	0.1427	0.0614	-0.0013
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0002	0.0170	0.0980	*******	-0.3317
-0.400	-0.0301	0.0154	0.0572	-0.0848	-0.4574
-0.600	-0.0447	0.0018	0.0319	-0.0633	-0.5966
-0.700	*******	-0.0255	0.0188	-0.0609	-0.6816
-0.800	*******	*******	-0.0128	-0.0628	-0.7053
-0.850	*******	-0.0341	-0.0371	-0.0841	-0.7039
-0.900	0.0261	-0.0012	-0.0278	-0.1015	-0.6610
-0.950	0.0618	0.0479	0.0296	-0.0516	-0.3241
-0.975	*******	0.1145	0.0863	0.0225	-0.1615
-1.000	0.1730	0.1553	0.1488	0.0810	0.0033



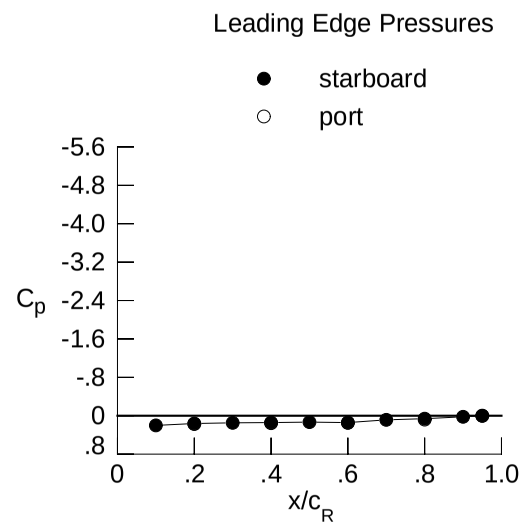
Small Radius L.E.

Run No. = 41 , Point No. = 839

C_N = 0.029, C_m = -0.0024

α = 1.1 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

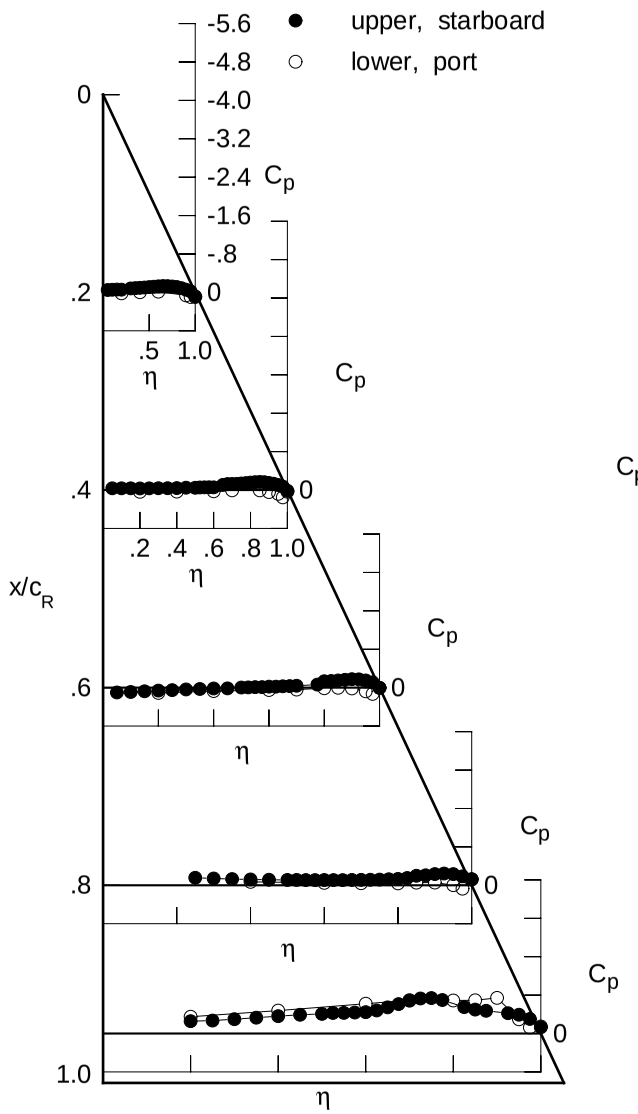


x/c_R	starb'd C_p	port C_p
0.10	0.2019	*******
0.20	0.1620	0.1730
0.30	0.1478	*******
0.40	0.1425	0.1553
0.50	0.1329	*******
0.60	0.1427	0.1488
0.70	0.0858	*******
0.80	0.0614	0.0810
0.90	0.0223	*******
0.95	-0.0013	0.0033

Table C1. Continued.

η	x/c_R .2 C_p,u	x/c_R .4 C_p,u	x/c_R .6 C_p,u	x/c_R .8 C_p,u	x/c_R .95 C_p,u
0.050	-0.0496	-0.0357	0.1007	*******	*******
0.100	-0.0556	-0.0357	0.0901	*******	*******
0.150	-0.0592	-0.0364	0.0758	*******	*******
0.200	-0.0564	-0.0327	0.0617	*******	-0.2566
0.250	*******	-0.0349	0.0517	-0.1568	-0.2696
0.300	-0.0826	-0.0375	0.0376	-0.1420	-0.2981
0.350	-0.0888	-0.0384	0.0278	-0.1293	-0.3298
0.400	-0.0951	-0.0410	0.0172	-0.1213	-0.3612
0.450	-0.1018	-0.0490	0.0149	-0.1149	-0.3903
0.500	-0.1103	-0.0469	-0.0024	-0.1109	-0.4088
0.525	*******	-0.0533	-0.0047	-0.1118	-0.4281
0.550	-0.1186	-0.0560	-0.0102	-0.1086	-0.4300
0.575	*******	-0.0577	-0.0107	-0.1082	-0.4368
0.600	-0.1267	-0.0557	-0.0205	-0.1104	-0.4449
0.625	*******	*******	-0.0200	-0.1089	-0.4796
0.650	-0.1321	-0.1073	-0.0284	-0.1080	-0.5452
0.675	*******	-0.1247	-0.0319	-0.1110	-0.6125
0.700	-0.1306	-0.1258	-0.0392	-0.1133	-0.6840
0.725	*******	-0.1269	*******	-0.1151	-0.7296
0.750	-0.1232	-0.1367	*******	-0.1182	-0.7387
0.775	*******	-0.1440	-0.0633	-0.1259	-0.6976
0.800	-0.1118	-0.1556	-0.1336	-0.1328	*******
0.825	*******	-0.1634	-0.1383	-0.1521	-0.5498
0.850	-0.0880	-0.1683	-0.1498	-0.1983	-0.4983
0.875	*******	-0.1628	-0.1633	-0.2078	-0.4732
0.900	-0.0558	-0.1469	-0.1758	-0.2335	*******
0.925	*******	-0.1322	-0.1726	-0.2451	-0.4236
0.950	-0.0206	-0.1049	-0.1496	-0.2326	-0.3912
0.975	*******	-0.0725	-0.1113	-0.1873	-0.3029
1.000	0.0837	0.0141	0.0037	-0.1288	-0.1304
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.0199	0.0369	0.1097	*******	-0.3494
-0.400	-0.0033	0.0325	0.0713	-0.0712	-0.4773
-0.600	-0.0154	0.0265	0.0497	-0.0510	-0.6204
-0.700	*******	0.0065	0.0399	-0.0435	-0.6946
-0.800	*******	*******	0.0132	-0.0400	-0.6884
-0.850	*******	0.0066	0.0028	-0.0553	-0.6923
-0.900	0.0621	0.0424	0.0166	-0.0567	-0.7422
-0.950	0.0962	0.0796	0.0770	-0.0025	-0.2964
-0.975	*******	0.1531	0.1305	0.0706	-0.1252
-1.000	0.0964	0.0358	0.0043	-0.1196	-0.1467

Surface Pressures



Small Radius L.E.

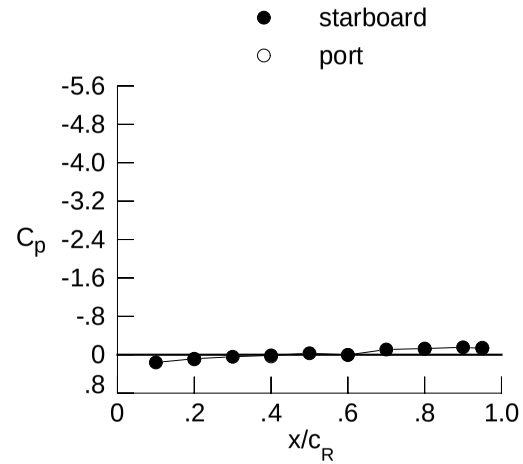
Run No. = 41 , Point No. = 840

C_N = 0.071, C_m = -0.0100

α = 2.2 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

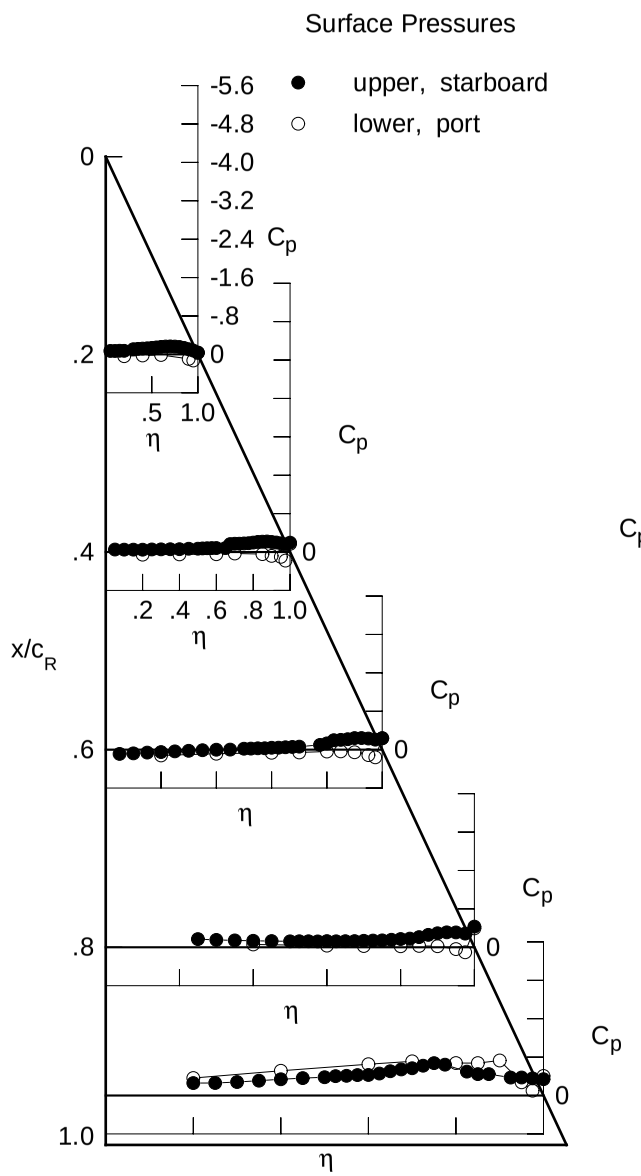
Leading Edge Pressures



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

Table C1. Continued.

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



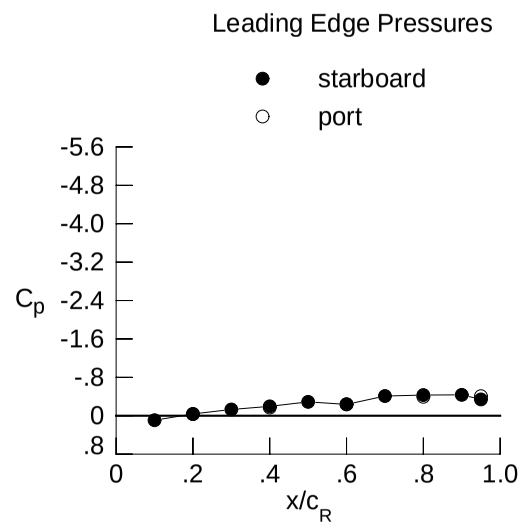
Small Radius L.E.

Run No. = 41 , Point No. = 841

C_N = 0.115, C_m = -0.0193

α = 3.2 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

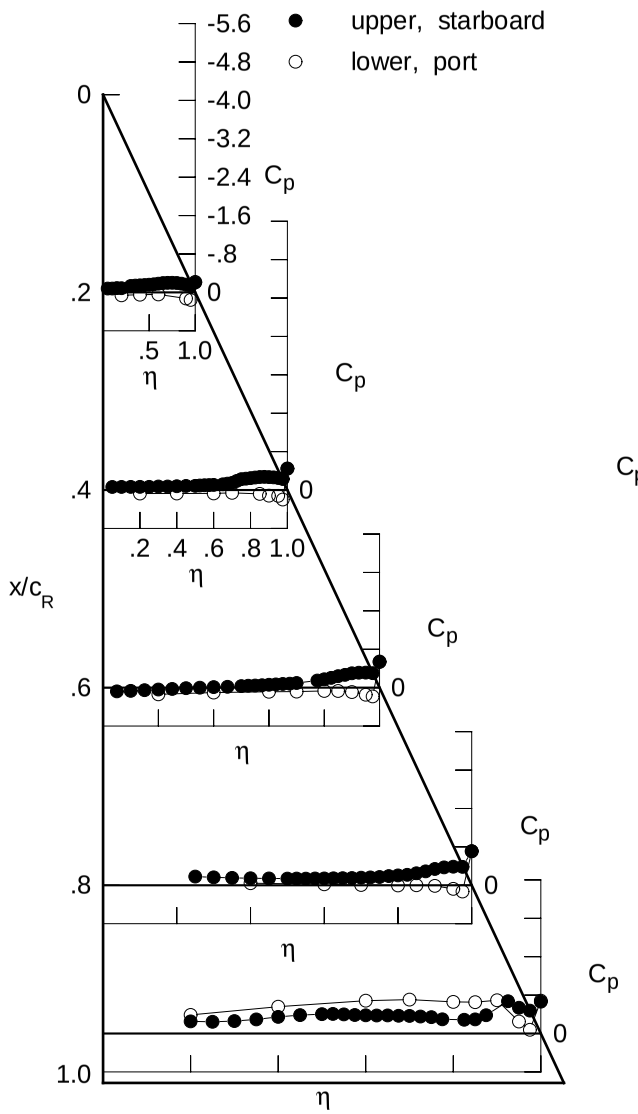


x/c_R	starb'd C_p	port C_p
0.10	0.0939	*******
0.20	-0.0375	-0.0338
0.30	-0.1302	*******
0.40	-0.1954	-0.1706
0.50	-0.2888	*******
0.60	-0.2361	-0.2401
0.70	-0.4104	*******
0.80	-0.4306	-0.3945
0.90	-0.4355	*******
0.95	-0.3401	-0.4069

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0802	-0.0638	0.0777	*******	*******
0.100	-0.0799	-0.0645	0.0672	*******	*******
0.150	-0.0898	-0.0653	0.0528	*******	*******
0.200	-0.0869	-0.0665	0.0388	*******	-0.2531
0.250	*******	-0.0663	0.0269	-0.1812	-0.2439
0.300	-0.1337	-0.0732	0.0113	-0.1654	-0.2592
0.350	-0.1419	-0.0736	0.0006	-0.1547	-0.2937
0.400	-0.1474	-0.0792	-0.0114	-0.1465	-0.3462
0.450	-0.1526	-0.0853	-0.0172	-0.1424	-0.3834
0.500	-0.1602	-0.0876	-0.0319	-0.1395	-0.4035
0.525	*******	-0.0944	-0.0402	-0.1397	-0.4078
0.550	-0.1692	-0.1001	-0.0440	-0.1380	-0.3986
0.575	*******	-0.1033	-0.0503	-0.1417	-0.3857
0.600	-0.1814	-0.1075	-0.0604	-0.1423	-0.3789
0.625	*******	*******	-0.0671	-0.1459	-0.3749
0.650	-0.1945	-0.1191	-0.0766	-0.1484	-0.3772
0.675	*******	-0.1338	-0.0826	-0.1513	-0.3693
0.700	-0.1993	-0.1478	-0.0965	-0.1586	-0.3661
0.725	*******	-0.1887	*******	-0.1640	-0.3539
0.750	-0.1999	-0.2263	*******	-0.1726	-0.3412
0.775	*******	-0.2366	-0.1478	-0.1923	-0.2958
0.800	-0.1960	-0.2481	-0.1742	-0.2057	*******
0.825	*******	-0.2607	-0.2043	-0.2186	-0.2867
0.850	-0.1820	-0.2712	-0.2396	-0.2506	-0.2946
0.875	*******	-0.2746	-0.2662	-0.2900	-0.3812
0.900	-0.1618	-0.2693	-0.2989	-0.3397	*******
0.925	*******	-0.2644	-0.3109	-0.3726	-0.6732
0.950	-0.1433	-0.2510	-0.3130	-0.3872	-0.5370
0.975	*******	-0.2297	-0.3012	-0.3843	-0.4765
1.000	-0.2067	-0.4478	-0.5444	-0.7112	-0.6635
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0607	0.0729	0.1392	*******	-0.3873
-0.400	0.0478	0.0723	0.1025	-0.0434	-0.5586
-0.600	0.0421	0.0703	0.0858	-0.0210	-0.6837
-0.700	*******	0.0586	0.0822	-0.0066	-0.7063
-0.800	*******	*******	0.0691	0.0030	-0.6588
-0.850	*******	0.0803	0.0693	-0.0010	-0.6529
-0.900	0.1268	0.1167	0.0919	0.0124	-0.6929
-0.950	0.1565	0.1206	0.1475	0.0745	-0.2500
-0.975	*******	0.1975	0.1825	0.1298	-0.0776
-1.000	-0.2185	-0.4449	-0.5334	-0.7080	-0.6842

Surface Pressures



Small Radius L.E.

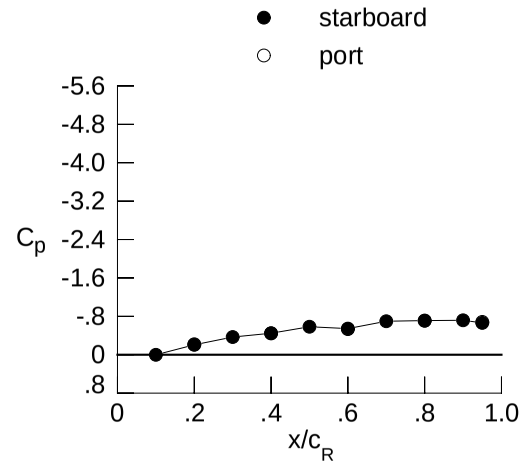
Run No. = 41 , Point No. = 842

C_N = 0.157, C_m = -0.0259

α = 4.2 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

Leading Edge Pressures

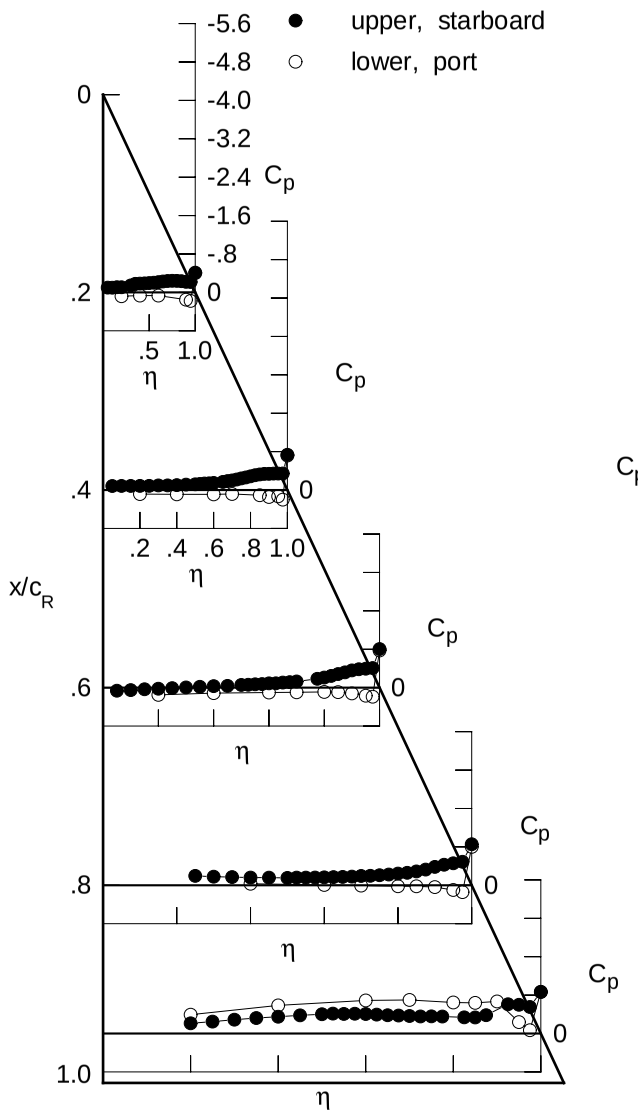


x/c_R	starb'd C_p	port C_p
0.10	0.0014	*******
0.20	-0.2067	-0.2185
0.30	-0.3684	*******
0.40	-0.4478	-0.4449
0.50	-0.5830	*******
0.60	-0.5444	-0.5334
0.70	-0.6976	*******
0.80	-0.7112	-0.7080
0.90	-0.7175	*******
0.95	-0.6635	-0.6842

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

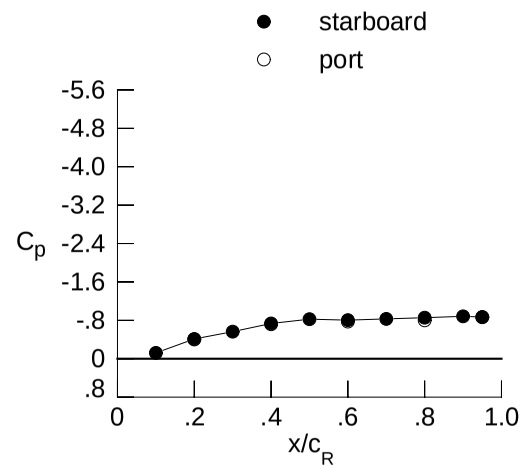
Run No. = 41 , Point No. = 843

C_N = 0.201, C_m = -0.0342

α = 5.3 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

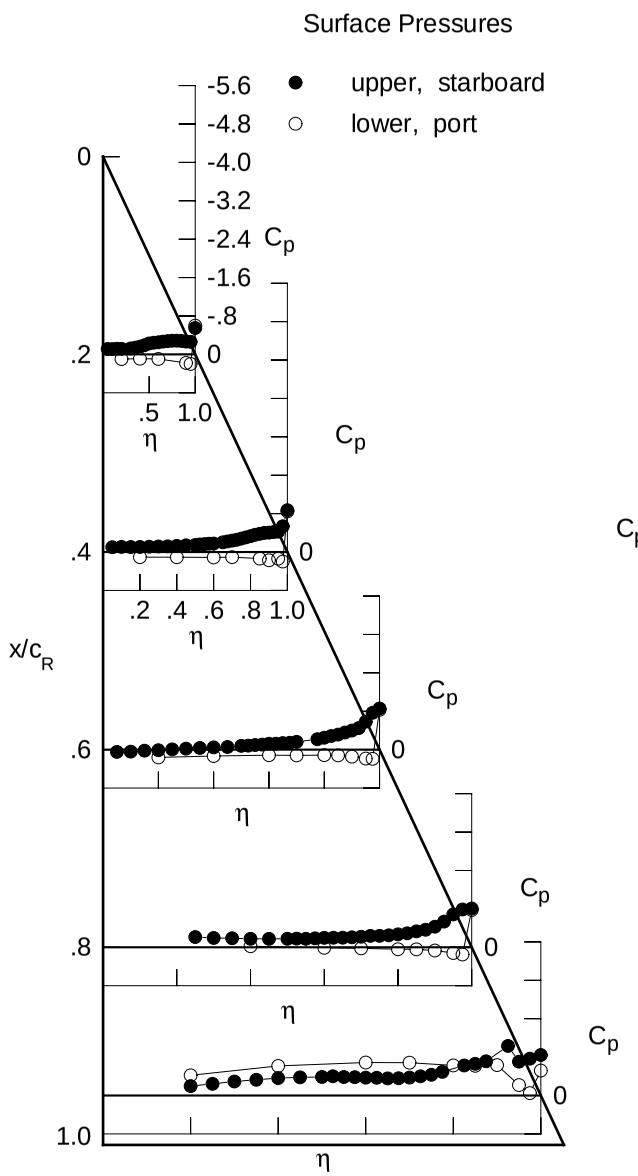
Leading Edge Pressures



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

Table C1. Continued.

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



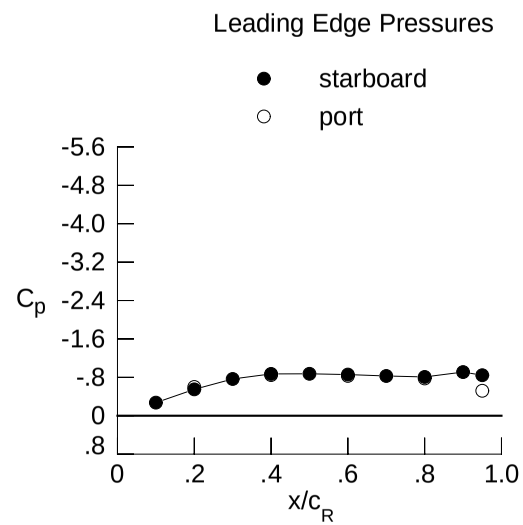
Small Radius L.E.

Run No. = 41 , Point No. = 844

C_N = 0.251, C_m = -0.0432

α = 6.3 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

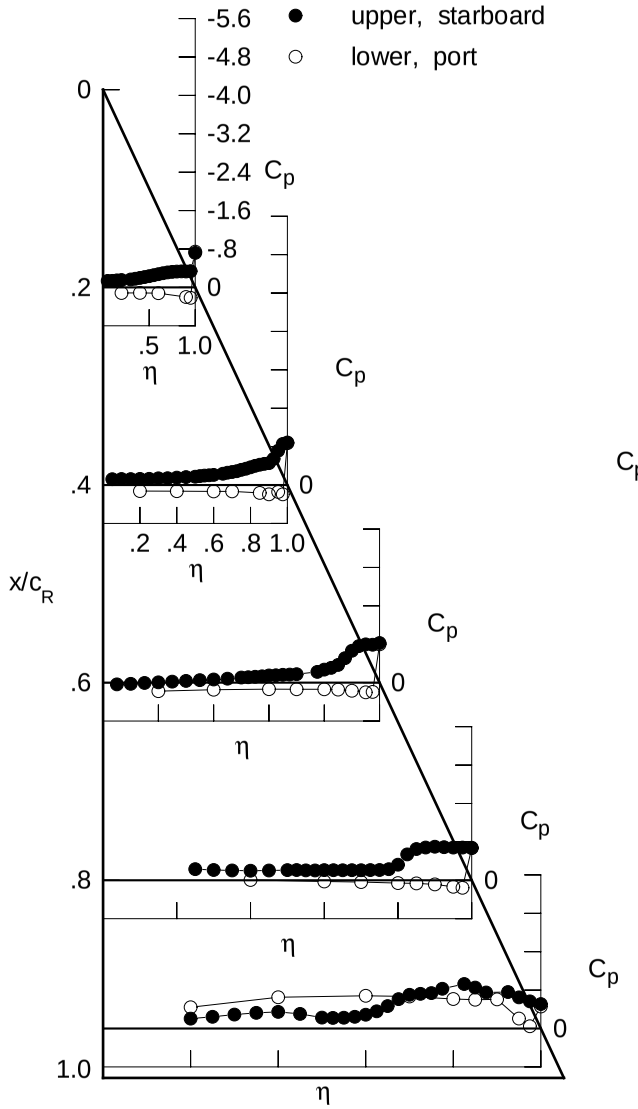


x/c_R	starb'd C_p	port C_p
0.10	-0.2724	*******
0.20	-0.5493	-0.5989
0.30	-0.7659	*******
0.40	-0.8712	-0.8471
0.50	-0.8735	*******
0.60	-0.8575	-0.8293
0.70	-0.8282	*******
0.80	-0.8080	-0.7772
0.90	-0.9098	*******
0.95	-0.8436	-0.5201

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

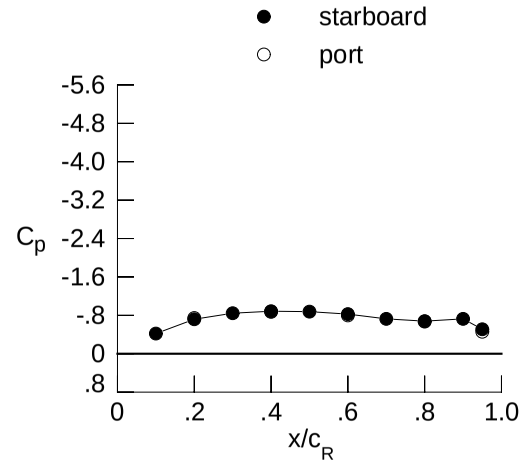
Run No. = 41 , Point No. = 845

C_N = 0.306, C_m = -0.0550

α = 7.3 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

Leading Edge Pressures

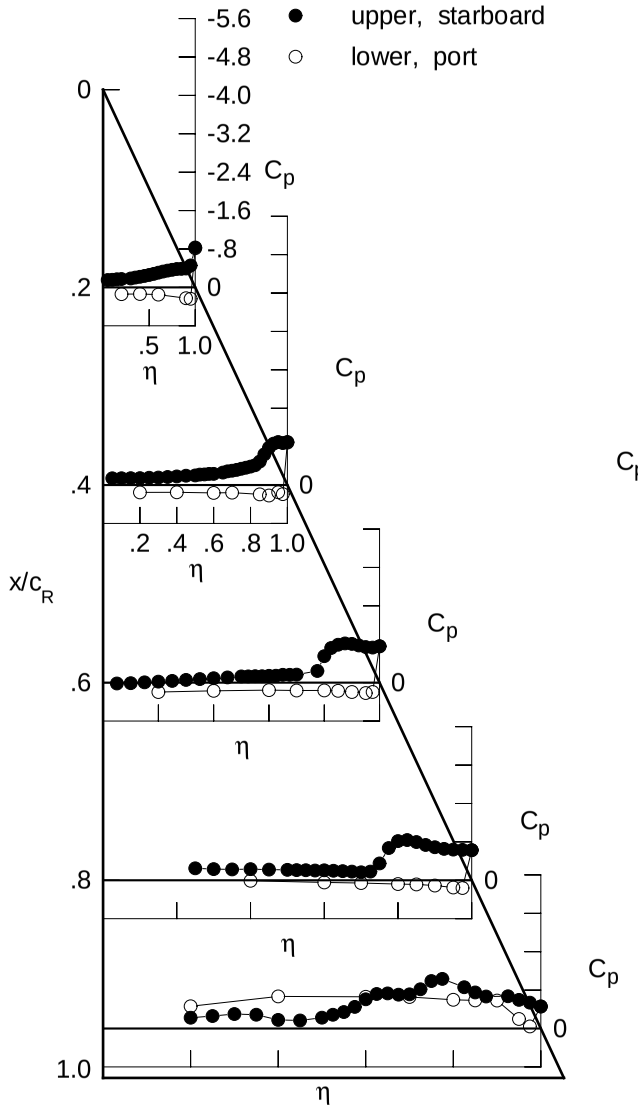


x/c_R	starb'd C_p	port C_p
0.10	-0.4199	*******
0.20	-0.7185	-0.7437
0.30	-0.8441	*******
0.40	-0.8855	-0.8716
0.50	-0.8768	*******
0.60	-0.8256	-0.7988
0.70	-0.7264	*******
0.80	-0.6786	-0.6697
0.90	-0.7265	*******
0.95	-0.5096	-0.4582

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1538	-0.1408	0.0179	*******	*******
0.100	-0.1587	-0.1419	0.0113	*******	*******
0.150	-0.1698	-0.1436	-0.0061	*******	*******
0.200	-0.1746	-0.1444	-0.0208	*******	-0.2245
0.250	*******	-0.1524	-0.0360	-0.2498	-0.2598
0.300	-0.1860	-0.1562	-0.0570	-0.2330	-0.3019
0.350	-0.2046	-0.1681	-0.0746	-0.2266	-0.2871
0.400	-0.2207	-0.1790	-0.0921	-0.2323	-0.1794
0.450	-0.2391	-0.1945	-0.1086	-0.2221	-0.1673
0.500	-0.2595	-0.2002	-0.1295	-0.2173	-0.2256
0.525	*******	-0.2176	-0.1306	-0.2121	-0.2866
0.550	-0.2817	-0.2212	-0.1343	-0.2094	-0.3435
0.575	*******	-0.2319	-0.1332	-0.2034	-0.4504
0.600	-0.3063	-0.2331	-0.1427	-0.2083	-0.6087
0.625	*******	*******	-0.1444	-0.1983	-0.7193
0.650	-0.3297	-0.2591	-0.1632	-0.1903	-0.7314
0.675	*******	-0.2855	-0.1631	-0.1809	-0.7049
0.700	-0.3494	-0.2984	-0.1673	-0.1662	-0.7122
0.725	*******	-0.3158	*******	-0.1812	-0.8178
0.750	-0.3667	-0.3392	*******	-0.3510	-0.9885
0.775	*******	-0.3605	-0.2434	-0.6723	-1.0337
0.800	-0.3828	-0.3841	-0.5510	-0.8172	*******
0.825	*******	-0.4130	-0.7216	-0.8388	-0.8600
0.850	-0.3866	-0.4900	-0.7897	-0.7969	-0.7515
0.875	*******	-0.6394	-0.8164	-0.7358	-0.6667
0.900	-0.3931	-0.7778	-0.8076	-0.6884	*******
0.925	*******	-0.8623	-0.7744	-0.6547	-0.6720
0.950	-0.4575	-0.8964	-0.7419	-0.6391	-0.5971
0.975	*******	-0.8746	-0.7307	-0.6335	-0.5382
1.000	-0.8313	-0.8967	-0.7590	-0.6274	-0.4605
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1410	0.1534	0.1958	*******	-0.4629
-0.400	0.1376	0.1513	0.1704	0.0103	-0.6686
-0.600	0.1504	0.1643	0.1559	0.0445	-0.6608
-0.700	*******	0.1581	0.1638	0.0572	-0.6570
-0.800	*******	*******	0.1624	0.0787	-0.5982
-0.850	*******	0.1941	0.1704	0.0864	-0.5855
-0.900	0.2254	0.2182	0.1950	0.1095	-0.5826
-0.950	0.2377	0.1500	0.2167	0.1501	-0.1980
-0.975	*******	0.1895	0.1948	0.1606	-0.0435
-1.000	-0.8153	-0.8837	-0.7554	-0.6272	-0.4571

Surface Pressures



Small Radius L.E.

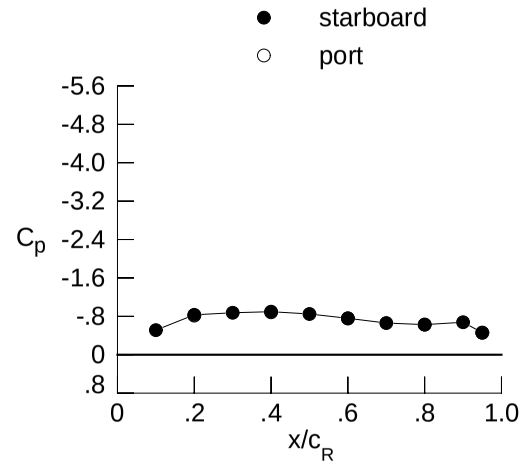
Run No. = 41 , Point No. = 846

C_N = 0.365, C_m = -0.0681

α = 8.3 °, M_∞ = 0.849

R_{mac} = 6.0×10^6

Leading Edge Pressures

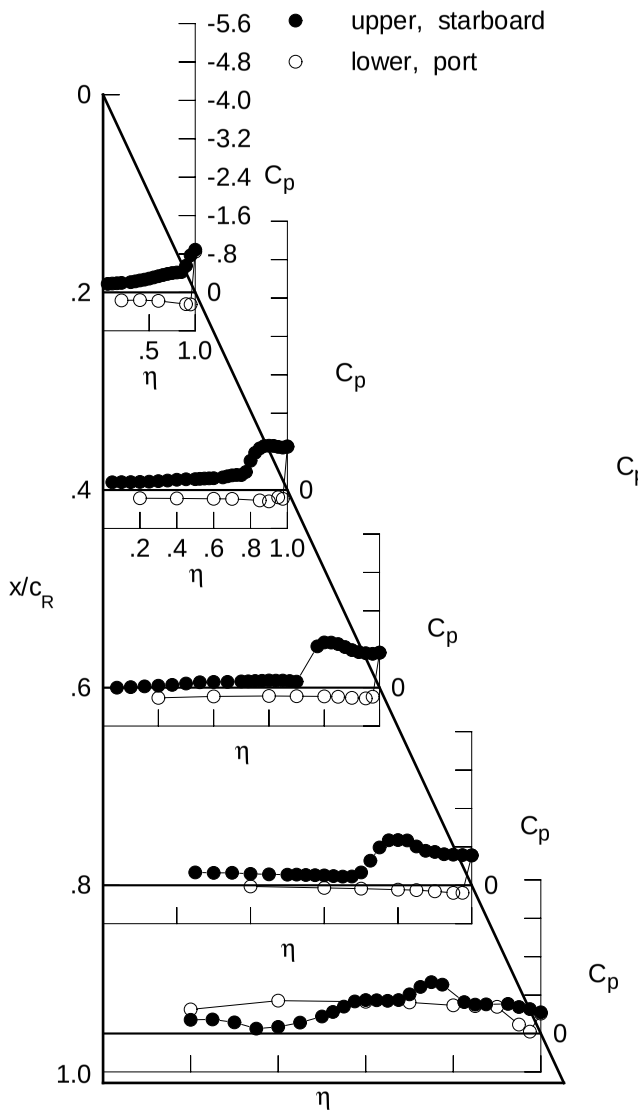


x/c_R	starb'd C_p	port C_p
0.10	-0.5123	*******
0.20	-0.8313	-0.8153
0.30	-0.8744	*******
0.40	-0.8967	-0.8837
0.50	-0.8488	*******
0.60	-0.7590	-0.7554
0.70	-0.6602	*******
0.80	-0.6274	-0.6272
0.90	-0.6766	*******
0.95	-0.4605	-0.4571

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

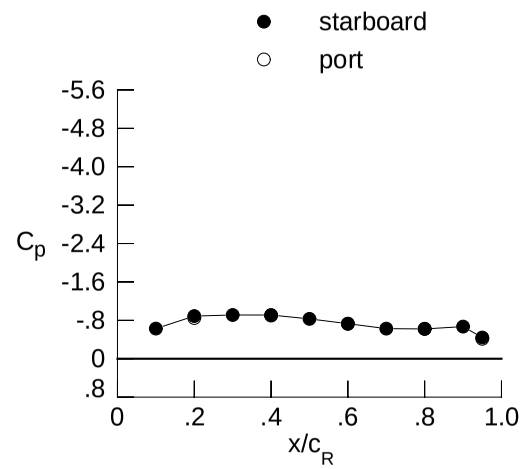
Run No. = 41 , Point No. = 847

C_N = 0.423, C_m = -0.0802

α = 9.4 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

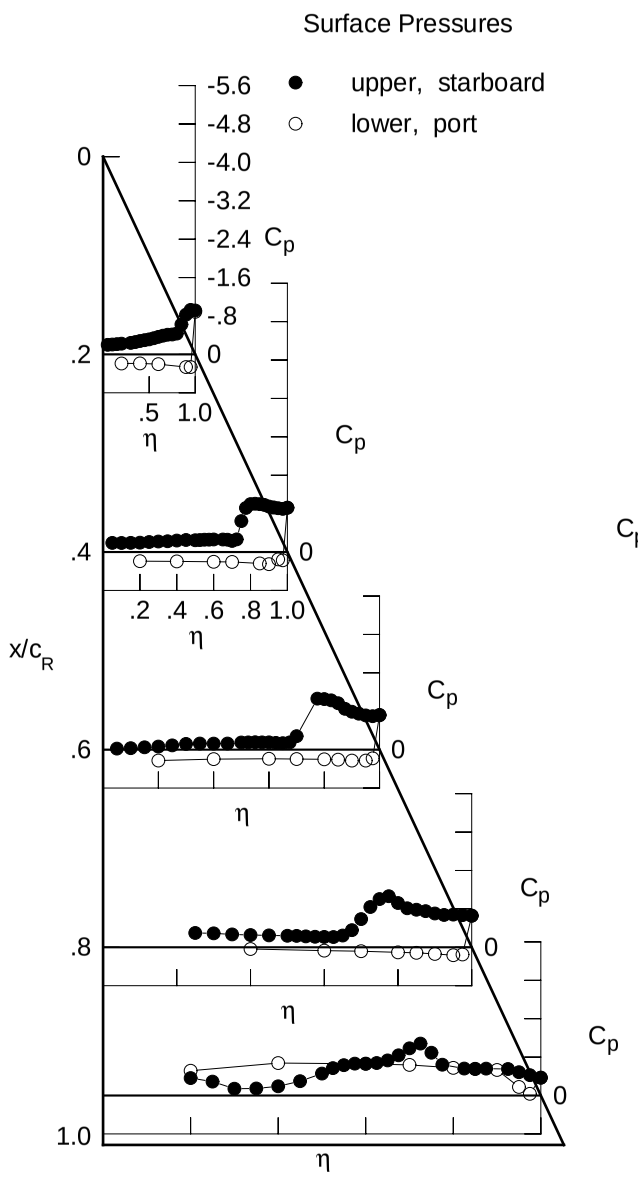
Leading Edge Pressures



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

Table C1. Continued.

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



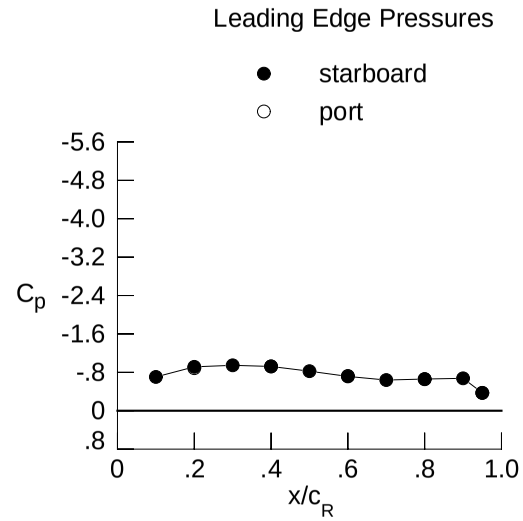
Small Radius L.E.

Run No. = 41 , Point No. = 848

C_N = 0.475, C_m = -0.0858

α = 10.4 °, M_∞ = 0.853

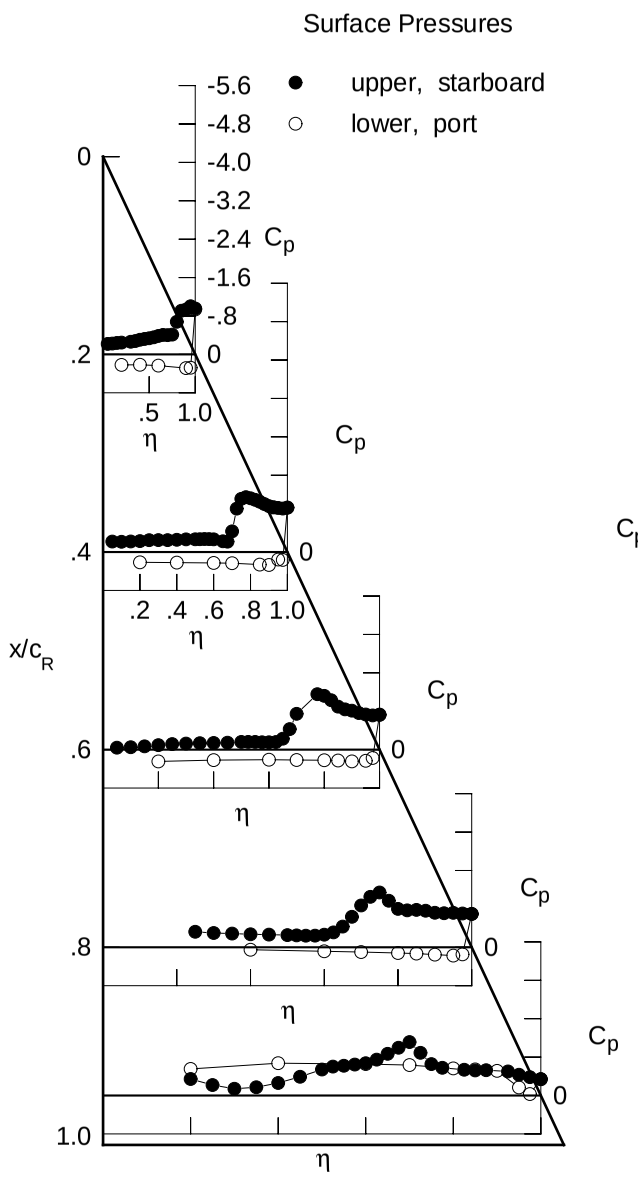
R_{mac} = 6.0×10^6



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

Table C1. 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	-0.2185	-0.2187	-0.0410	*******	*******
0.100	-0.2254	-0.2139	-0.0506	*******	*******
0.150	-0.2384	-0.2197	-0.0688	*******	*******
0.200	-0.2457	-0.2280	-0.0936	*******	-0.3440
0.250	*******	-0.2476	-0.1161	-0.3230	-0.2186
0.300	-0.2628	-0.2485	-0.1262	-0.2975	-0.1407
0.350	-0.2782	-0.2480	-0.1346	-0.2857	-0.1717
0.400	-0.3049	-0.2550	-0.1396	-0.2714	-0.2611
0.450	-0.3220	-0.2644	-0.1448	-0.2637	-0.3903
0.500	-0.3363	-0.2657	-0.1607	-0.2539	-0.5413
0.525	*******	-0.2670	-0.1613	-0.2482	-0.6021
0.550	-0.3558	-0.2715	-0.1604	-0.2419	-0.6196
0.575	*******	-0.2698	-0.1533	-0.2423	-0.6447
0.600	-0.3839	-0.2646	-0.1537	-0.2627	-0.6729
0.625	*******	*******	-0.1586	-0.3108	-0.7472
0.650	-0.4059	-0.2236	-0.2277	-0.4312	-0.8689
0.675	*******	-0.2158	-0.4280	-0.6356	-0.9953
0.700	-0.4010	-0.4309	-0.7466	-0.8714	-1.1139
0.725	*******	-0.9042	*******	-1.0513	-0.8892
0.750	-0.4123	-1.1080	*******	-1.1413	-0.6545
0.775	*******	-1.1433	-1.1553	-0.9697	-0.5778
0.800	-0.6790	-1.1204	-1.1210	-0.8000	*******
0.825	*******	-1.0880	-1.0296	-0.7697	-0.5366
0.850	-0.9094	-1.0480	-0.8958	-0.7789	-0.5228
0.875	*******	-1.0002	-0.8389	-0.7613	-0.5273
0.900	-0.9337	-0.9563	-0.8116	-0.7194	*******
0.925	*******	-0.9340	-0.7623	-0.7099	-0.5017
0.950	-1.0031	-0.9194	-0.7317	-0.7172	-0.4326
0.975	*******	-0.9057	-0.7130	-0.7042	-0.3822
1.000	-0.9562	-0.9243	-0.7301	-0.6960	-0.3424
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2193	0.2140	0.2457	*******	-0.5534
-0.400	0.2162	0.2204	0.2182	0.0508	-0.6732
-0.600	0.2338	0.2274	0.2096	0.0833	-0.6549
-0.700	*******	0.2324	0.2163	0.0990	-0.6343
-0.800	*******	*******	0.2208	0.1192	-0.5652
-0.850	*******	0.2613	0.2268	0.1316	-0.5438
-0.900	0.2859	0.2693	0.2450	0.1525	-0.5140
-0.950	0.2774	0.1557	0.2323	0.1727	-0.1681
-0.975	*******	0.1639	0.1739	0.1471	-0.0301
-1.000	-0.9359	-0.9264	-0.7235	-0.6941	-0.3384



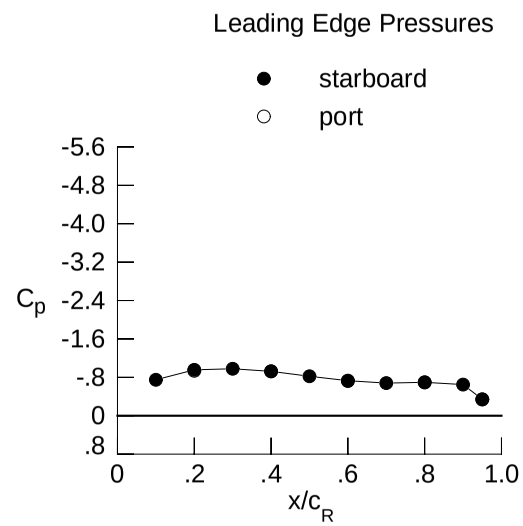
Small Radius L.E.

Run No. = 41 , Point No. = 849

C_N = 0.528, C_m = -0.0932

α = 11.4 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

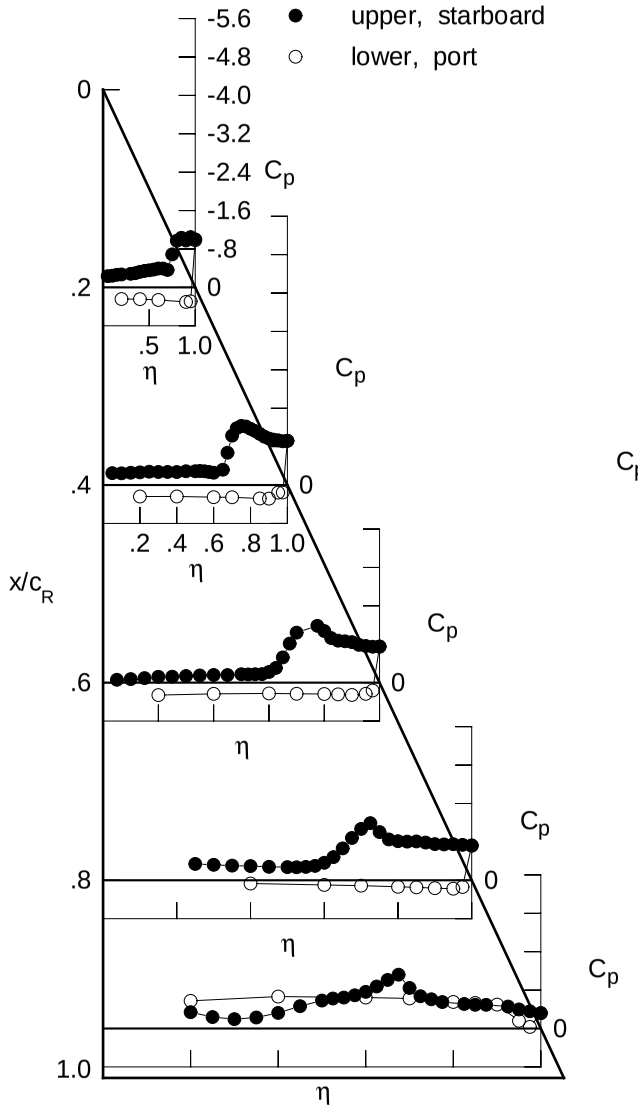


x/c_R	starb'd Cp	port Cp
0.10	-0.7491	*******
0.20	-0.9562	-0.9359
0.30	-0.9786	*******
0.40	-0.9243	-0.9264
0.50	-0.8221	*******
0.60	-0.7301	-0.7235
0.70	-0.6798	*******
0.80	-0.6960	-0.6941
0.90	-0.6491	*******
0.95	-0.3424	-0.3384

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

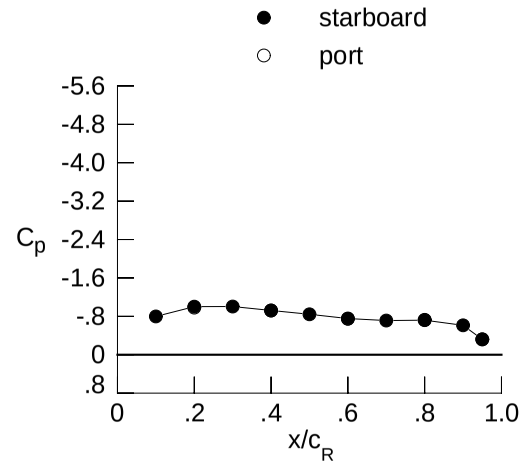
Run No. = 41 , Point No. = 850

C_N = 0.582, C_m = -0.1010

α = 12.4 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

Leading Edge Pressures

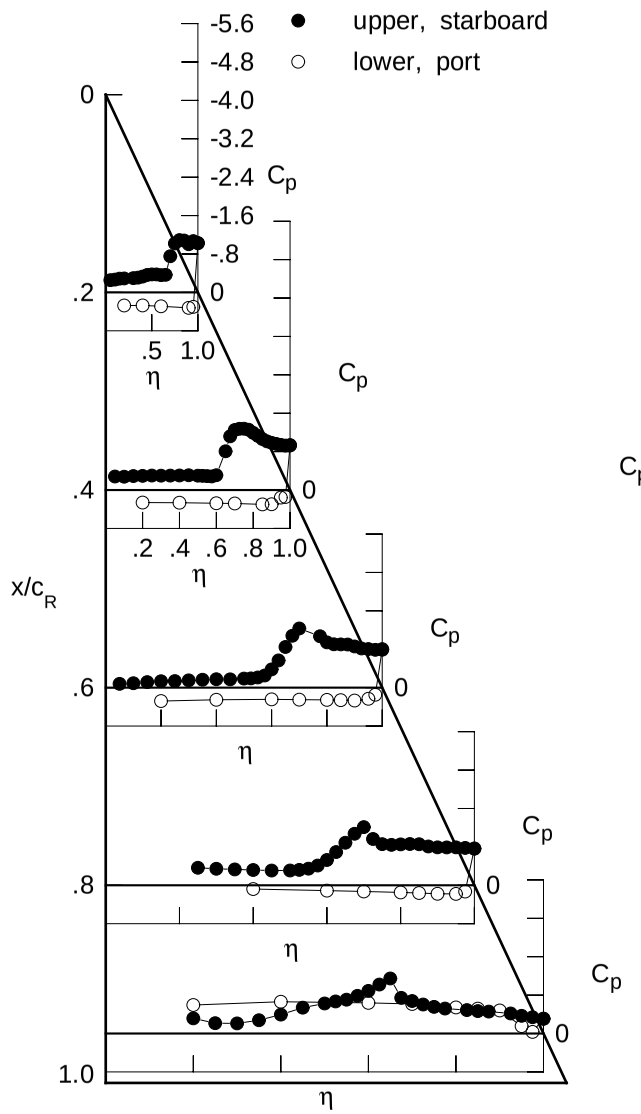


x/c_R	starb'd C_p	port C_p
0.10	-0.7975	*******
0.20	-1.0019	-0.9817
0.30	-1.0044	*******
0.40	-0.9225	-0.9198
0.50	-0.8428	*******
0.60	-0.7540	-0.7483
0.70	-0.7121	*******
0.80	-0.7198	-0.7269
0.90	-0.6125	*******
0.95	-0.3200	-0.3211

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

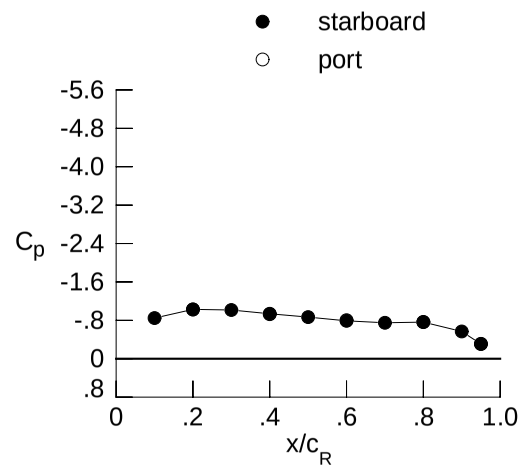
Run No. = 41 , Point No. = 851

C_N = 0.632, C_m = -0.1061

α = 13.5 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

Leading Edge Pressures

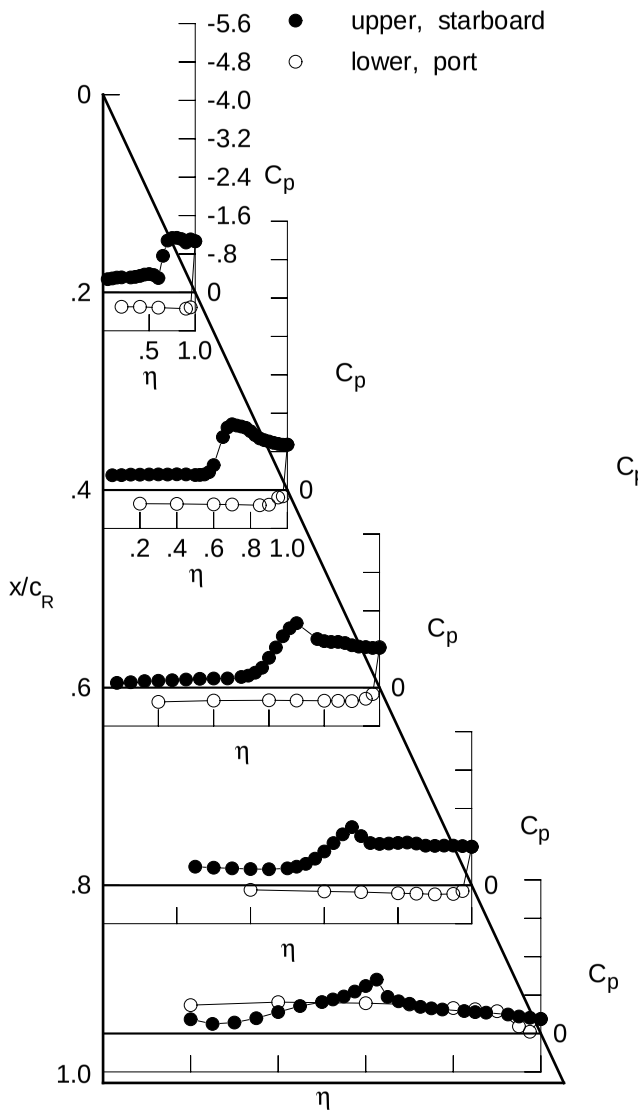


x/c_R	starb'd C_p	port C_p
0.10	-0.8469	*******
0.20	-1.0284	-1.0238
0.30	-1.0151	*******
0.40	-0.9367	-0.9278
0.50	-0.8674	*******
0.60	-0.7895	-0.8033
0.70	-0.7490	*******
0.80	-0.7627	-0.7671
0.90	-0.5683	*******
0.95	-0.3067	-0.3101

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2750	-0.3083	-0.0992	*******	*******
0.100	-0.2903	-0.3106	-0.1130	*******	*******
0.150	-0.3084	-0.3208	-0.1361	*******	*******
0.200	-0.3129	-0.3198	-0.1435	*******	-0.2967
0.250	*******	-0.3237	-0.1541	-0.3870	-0.1997
0.300	-0.3112	-0.3254	-0.1688	-0.3661	-0.2282
0.350	-0.3228	-0.3229	-0.1843	-0.3528	-0.3184
0.400	-0.3429	-0.3278	-0.1904	-0.3386	-0.4466
0.450	-0.3710	-0.3255	-0.1921	-0.3345	-0.5720
0.500	-0.3821	-0.3130	-0.2223	-0.3531	-0.6550
0.525	*******	-0.3150	-0.2494	-0.3872	-0.7095
0.550	-0.3616	-0.3248	-0.3111	-0.4465	-0.7709
0.575	*******	-0.3728	-0.4146	-0.5542	-0.8743
0.600	-0.2992	-0.5193	-0.6218	-0.7036	-0.9897
0.625	*******	*******	-0.8380	-0.8791	-1.1221
0.650	-0.7616	-1.1034	-1.0700	-1.0617	-0.7628
0.675	*******	-1.3018	-1.2365	-1.2120	-0.6712
0.700	-1.0804	-1.3701	-1.3430	-1.0250	-0.6192
0.725	*******	-1.3436	*******	-0.8804	-0.5552
0.750	-1.1334	-1.3230	*******	-0.8615	-0.5240
0.775	*******	-1.2951	-1.0128	-0.8695	-0.4997
0.800	-1.1370	-1.2249	-0.9686	-0.8828	*******
0.825	*******	-1.1440	-0.9524	-0.8905	-0.4678
0.850	-1.1112	-1.0753	-0.9528	-0.8698	-0.4455
0.875	*******	-1.0385	-0.9298	-0.8249	-0.4346
0.900	-1.0386	-1.0116	-0.8832	-0.8209	*******
0.925	*******	-0.9830	-0.8545	-0.8265	-0.3957
0.950	-1.1050	-0.9613	-0.8454	-0.8267	-0.3540
0.975	*******	-0.9440	-0.8272	-0.8167	-0.3283
1.000	-1.0641	-0.9462	-0.8276	-0.8014	-0.2987
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3000	0.2841	0.2971	*******	-0.5912
-0.400	0.3005	0.2890	0.2698	0.0948	-0.6538
-0.600	0.3179	0.2992	0.2633	0.1281	-0.6313
-0.700	*******	0.3020	0.2689	0.1416	-0.6050
-0.800	*******	*******	0.2727	0.1658	-0.5303
-0.850	*******	0.3171	0.2754	0.1740	-0.5058
-0.900	0.3393	0.3053	0.2807	0.1891	-0.4647
-0.950	0.3112	0.1553	0.2312	0.1804	-0.1481
-0.975	*******	0.1316	0.1337	0.1194	-0.0368
-1.000	-1.0661	-0.9413	-0.8449	-0.8040	-0.3060

Surface Pressures



Small Radius L.E.

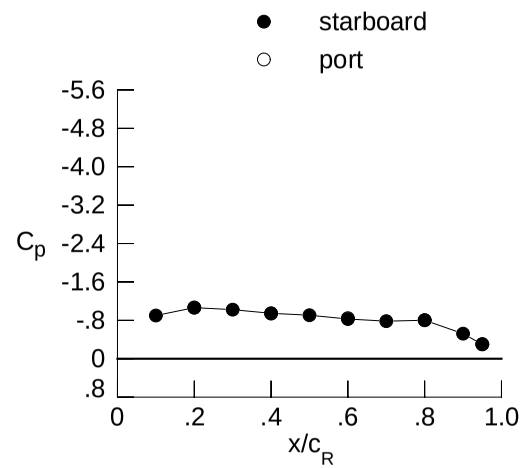
Run No. = 41 , Point No. = 852

C_N = 0.683, C_m = -0.1125

α = 14.5 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

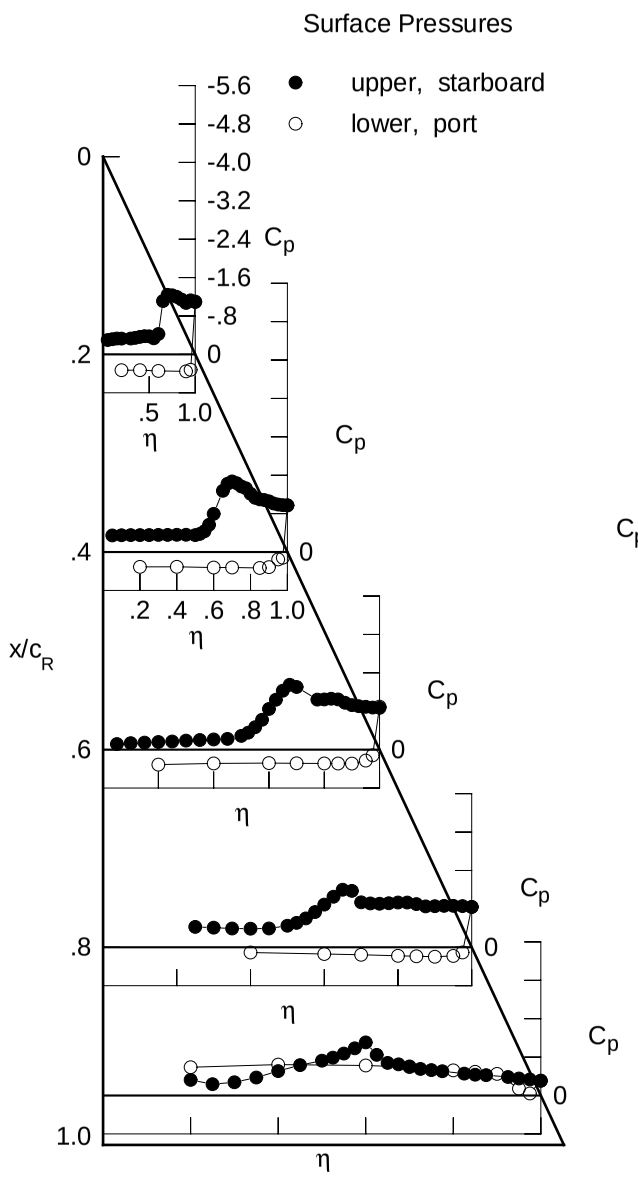
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-0.8997	*******
0.20	-1.0641	-1.0661
0.30	-1.0227	*******
0.40	-0.9462	-0.9413
0.50	-0.9066	*******
0.60	-0.8276	-0.8449
0.70	-0.7828	*******
0.80	-0.8014	-0.8040
0.90	-0.5228	*******
0.95	-0.2987	-0.3060

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2992	-0.3456	-0.1171	*******	*******
0.100	-0.3163	-0.3498	-0.1352	*******	*******
0.150	-0.3305	-0.3527	-0.1461	*******	*******
0.200	-0.3287	-0.3528	-0.1596	*******	-0.3253
0.250	*******	-0.3536	-0.1694	-0.4248	-0.2358
0.300	-0.3305	-0.3572	-0.1876	-0.4086	-0.2761
0.350	-0.3450	-0.3566	-0.2012	-0.3910	-0.3746
0.400	-0.3646	-0.3592	-0.2118	-0.3874	-0.5090
0.450	-0.3791	-0.3602	-0.2238	-0.3921	-0.6327
0.500	-0.3766	-0.3525	-0.2861	-0.4489	-0.7255
0.525	*******	-0.3772	-0.3535	-0.5087	-0.7887
0.550	-0.3350	-0.4320	-0.4672	-0.6019	-0.8740
0.575	*******	-0.5678	-0.6226	-0.7344	-0.9830
0.600	-0.4251	-0.7953	-0.8469	-0.8885	-1.1063
0.625	*******	*******	-1.0393	-1.0527	-0.8470
0.650	-1.1114	-1.2762	-1.2269	-1.1993	-0.6788
0.675	*******	-1.4224	-1.3513	-1.1754	-0.6497
0.700	-1.2412	-1.4713	-1.3060	-0.9369	-0.6059
0.725	*******	-1.4337	*******	-0.9136	-0.5537
0.750	-1.2314	-1.3666	*******	-0.9069	-0.5296
0.775	*******	-1.3276	-1.0424	-0.9178	-0.5059
0.800	-1.1984	-1.2141	-1.0455	-0.9330	*******
0.825	*******	-1.1300	-1.0606	-0.9321	-0.4560
0.850	-1.1433	-1.0967	-1.0462	-0.9000	-0.4334
0.875	*******	-1.0828	-0.9771	-0.8516	-0.4236
0.900	-1.0723	-1.0567	-0.9275	-0.8557	*******
0.925	*******	-1.0123	-0.9051	-0.8632	-0.3868
0.950	-1.1263	-0.9891	-0.8928	-0.8639	-0.3542
0.975	*******	-0.9760	-0.8765	-0.8586	-0.3348
1.000	-1.0909	-0.9732	-0.8715	-0.8396	-0.3083
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3294	0.3089	0.3119	*******	-0.5888
-0.400	0.3289	0.3076	0.2870	0.1091	-0.6444
-0.600	0.3444	0.3233	0.2801	0.1399	-0.6254
-0.700	*******	0.3220	0.2852	0.1557	-0.5939
-0.800	*******	*******	0.2882	0.1772	-0.5236
-0.850	*******	0.3318	0.2888	0.1868	-0.4940
-0.900	0.3539	0.3140	0.2904	0.1965	-0.4507
-0.950	0.3212	0.1538	0.2283	0.1797	-0.1440
-0.975	*******	0.1181	0.1184	0.1069	-0.0421
-1.000	-1.0998	-0.9713	-0.8963	-0.8427	-0.3089



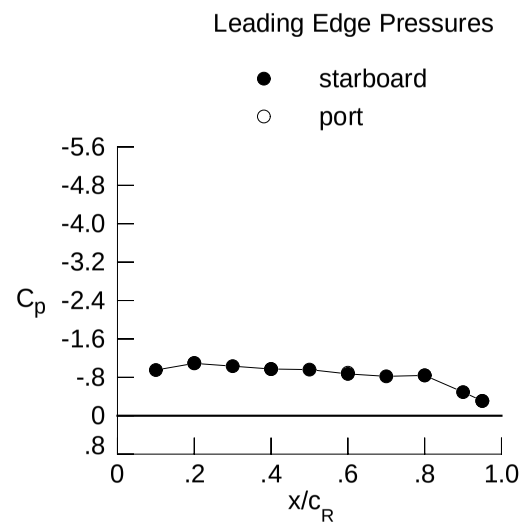
Small Radius L.E.

Run No. = 41 , Point No. = 853

C_N = 0.736, C_m = -0.1202

α = 15.5 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

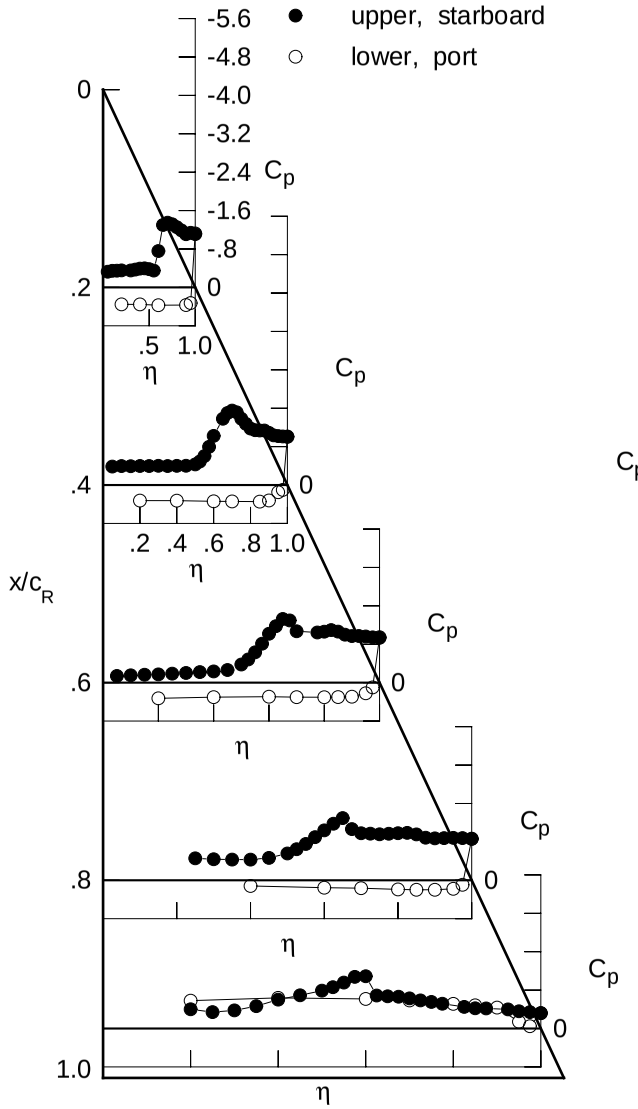


x/c_R	starb'd C_p	port C_p
0.10	-0.9519	*******
0.20	-1.0909	-1.0998
0.30	-1.0326	*******
0.40	-0.9732	-0.9713
0.50	-0.9610	*******
0.60	-0.8715	-0.8963
0.70	-0.8206	*******
0.80	-0.8396	-0.8427
0.90	-0.4924	*******
0.95	-0.3083	-0.3089

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3260	-0.3847	-0.1388	*******	*******
0.100	-0.3456	-0.3954	-0.1526	*******	*******
0.150	-0.3477	-0.3916	-0.1645	*******	*******
0.200	-0.3544	-0.3971	-0.1723	*******	-0.4009
0.250	*******	-0.3961	-0.1871	-0.4573	-0.3414
0.300	-0.3529	-0.4005	-0.2018	-0.4386	-0.3775
0.350	-0.3715	-0.3963	-0.2201	-0.4316	-0.4658
0.400	-0.3915	-0.3998	-0.2338	-0.4306	-0.6018
0.450	-0.3970	-0.4018	-0.2633	-0.4667	-0.6921
0.500	-0.3799	-0.4292	-0.3772	-0.5581	-0.7884
0.525	*******	-0.4906	-0.4832	-0.6475	-0.8608
0.550	-0.3506	-0.6044	-0.6323	-0.7572	-0.9566
0.575	*******	-0.7957	-0.8111	-0.8980	-1.0758
0.600	-0.7574	-1.0240	-1.0181	-1.0398	-1.0889
0.625	*******	*******	-1.1759	-1.1781	-0.6868
0.650	-1.3002	-1.3805	-1.3267	-1.2961	-0.6713
0.675	*******	-1.5008	-1.2960	-1.0667	-0.6622
0.700	-1.3481	-1.5514	-1.0705	-0.9797	-0.6281
0.725	*******	-1.5149	*******	-0.9712	-0.5852
0.750	-1.3154	-1.3815	*******	-0.9585	-0.5538
0.775	*******	-1.2743	-1.0452	-0.9695	-0.5159
0.800	-1.2542	-1.1766	-1.0615	-0.9811	*******
0.825	*******	-1.1426	-1.0955	-0.9878	-0.4507
0.850	-1.1874	-1.1362	-1.0630	-0.9561	-0.4218
0.875	*******	-1.1364	-0.9990	-0.8871	-0.4181
0.900	-1.1080	-1.0874	-0.9705	-0.8739	*******
0.925	*******	-1.0352	-0.9721	-0.8783	-0.3988
0.950	-1.1377	-1.0203	-0.9617	-0.8836	-0.3590
0.975	*******	-1.0118	-0.9440	-0.8794	-0.3414
1.000	-1.1095	-1.0110	-0.9334	-0.8675	-0.3225
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3538	0.3243	0.3266	*******	-0.5803
-0.400	0.3540	0.3253	0.3023	0.1184	-0.6381
-0.600	0.3714	0.3394	0.2928	0.1542	-0.6162
-0.700	*******	0.3415	0.3026	0.1645	-0.5847
-0.800	*******	*******	0.3038	0.1900	-0.5137
-0.850	*******	0.3453	0.3005	0.1979	-0.4833
-0.900	0.3679	0.3218	0.2925	0.1973	-0.4356
-0.950	0.3261	0.1496	0.2218	0.1775	-0.1417
-0.975	*******	0.1017	0.0990	0.0936	-0.0482
-1.000	-1.1239	-1.0032	-0.9469	-0.8613	-0.3185

Surface Pressures



Small Radius L.E.

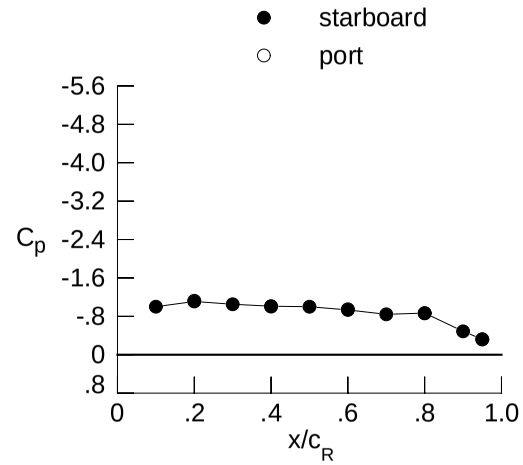
Run No. = 41 , Point No. = 854

C_N = 0.791, C_m = -0.1275

α = 16.5 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

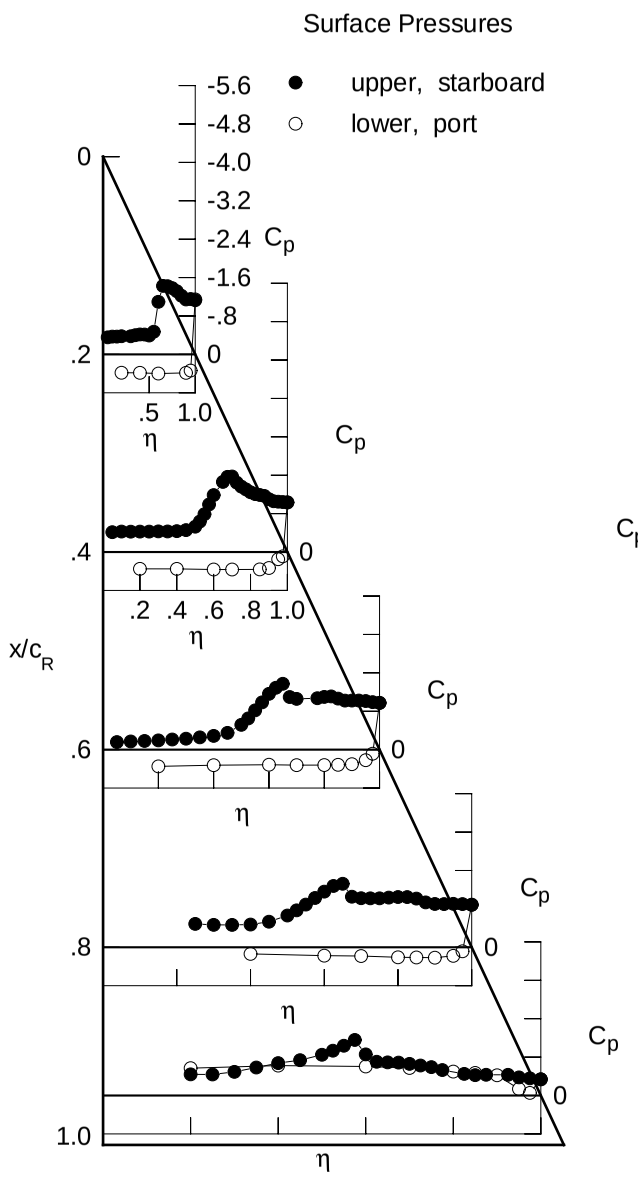
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0007	*******
0.20	-1.1095	-1.1239
0.30	-1.0516	*******
0.40	-1.0110	-1.0032
0.50	-1.0003	*******
0.60	-0.9334	-0.9469
0.70	-0.8420	*******
0.80	-0.8675	-0.8613
0.90	-0.4874	*******
0.95	-0.3225	-0.3185

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3552	-0.4135	-0.1574	*******	*******
0.100	-0.3700	-0.4264	-0.1702	*******	*******
0.150	-0.3705	-0.4237	-0.1807	*******	*******
0.200	-0.3782	-0.4253	-0.1925	*******	-0.4408
0.250	*******	-0.4257	-0.2115	-0.4872	-0.4382
0.300	-0.3777	-0.4304	-0.2284	-0.4670	-0.4928
0.350	-0.4004	-0.4291	-0.2556	-0.4661	-0.5831
0.400	-0.4152	-0.4352	-0.2861	-0.4736	-0.6754
0.450	-0.4136	-0.4565	-0.3494	-0.5331	-0.7361
0.500	-0.3925	-0.5284	-0.5168	-0.6617	-0.8491
0.525	*******	-0.6355	-0.6506	-0.7696	-0.9336
0.550	-0.4723	-0.7885	-0.8181	-0.8899	-1.0368
0.575	*******	-0.9910	-0.9850	-1.0270	-1.1572
0.600	-1.0952	-1.1861	-1.1627	-1.1595	-0.8564
0.625	*******	*******	-1.2892	-1.2776	-0.7036
0.650	-1.4269	-1.4605	-1.3722	-1.3228	-0.6903
0.675	*******	-1.5663	-1.0957	-1.0540	-0.6853
0.700	-1.4205	-1.5733	-1.0579	-1.0224	-0.6595
0.725	*******	-1.4466	*******	-1.0197	-0.6251
0.750	-1.3812	-1.3634	*******	-1.0203	-0.5915
0.775	*******	-1.3054	-1.0711	-1.0349	-0.5301
0.800	-1.3162	-1.2456	-1.0984	-1.0474	*******
0.825	*******	-1.2074	-1.1091	-1.0467	-0.4507
0.850	-1.2216	-1.1887	-1.0629	-1.0146	-0.4237
0.875	*******	-1.1684	-1.0220	-0.9353	-0.4323
0.900	-1.1438	-1.1010	-1.0224	-0.9027	*******
0.925	*******	-1.0585	-1.0233	-0.9004	-0.4312
0.950	-1.1538	-1.0485	-1.0127	-0.9055	-0.3778
0.975	*******	-1.0415	-0.9899	-0.8997	-0.3574
1.000	-1.1283	-1.0348	-0.9723	-0.8877	-0.3367
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3826	0.3502	0.3487	*******	-0.5695
-0.400	0.3838	0.3509	0.3242	0.1378	-0.6234
-0.600	0.3996	0.3644	0.3144	0.1742	-0.6047
-0.700	*******	0.3643	0.3228	0.1821	-0.5733
-0.800	*******	*******	0.3218	0.2085	-0.4986
-0.850	*******	0.3617	0.3159	0.2121	-0.4701
-0.900	0.3848	0.3331	0.3033	0.2168	-0.4212
-0.950	0.3369	0.1493	0.2197	0.1787	-0.1372
-0.975	*******	0.0898	0.0850	0.0830	-0.0545
-1.000	-1.1458	-1.0322	-0.9758	-0.8839	-0.3382



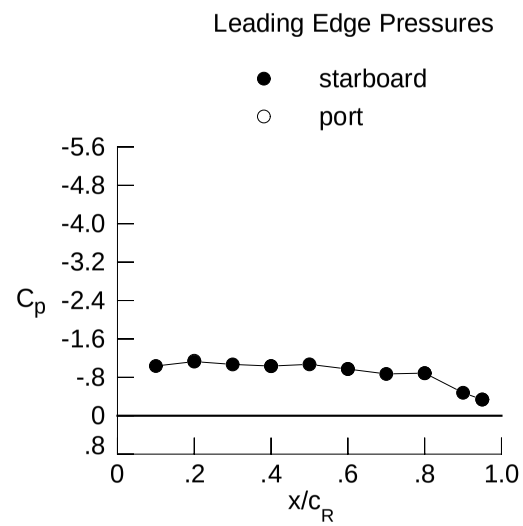
Small Radius L.E.

Run No. = 41 , Point No. = 855

C_N = 0.847, C_m = -0.1376

α = 17.5 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

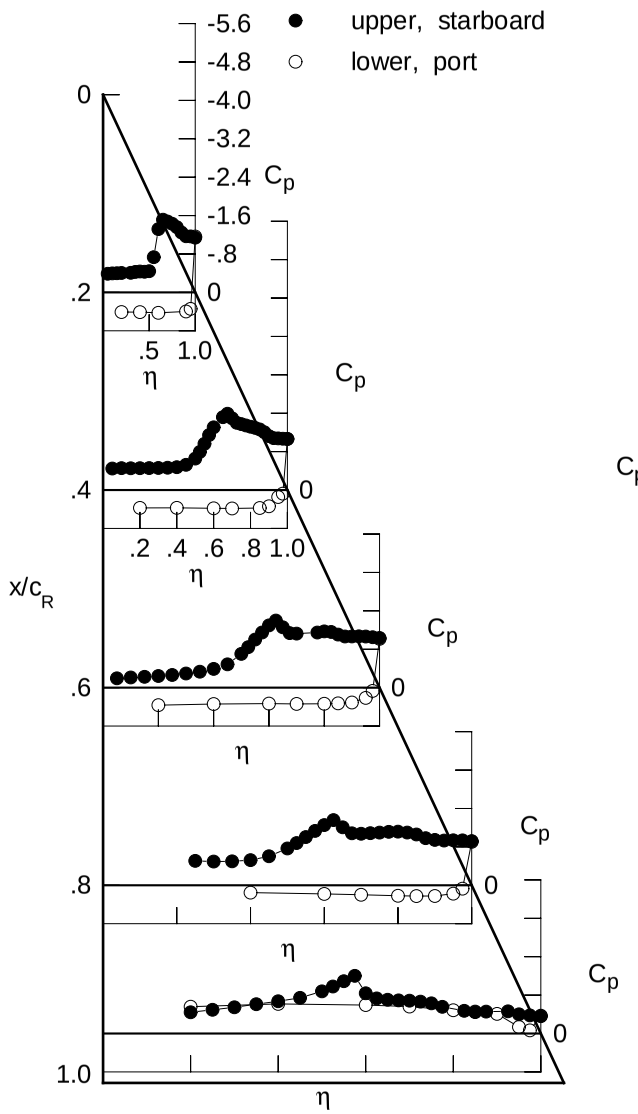


x/c_R	starb'd C_p	port C_p
0.10	-1.0361	*******
0.20	-1.1283	-1.1458
0.30	-1.0690	*******
0.40	-1.0348	-1.0322
0.50	-1.0706	*******
0.60	-0.9723	-0.9758
0.70	-0.8707	*******
0.80	-0.8877	-0.8839
0.90	-0.4781	*******
0.95	-0.3367	-0.3382

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

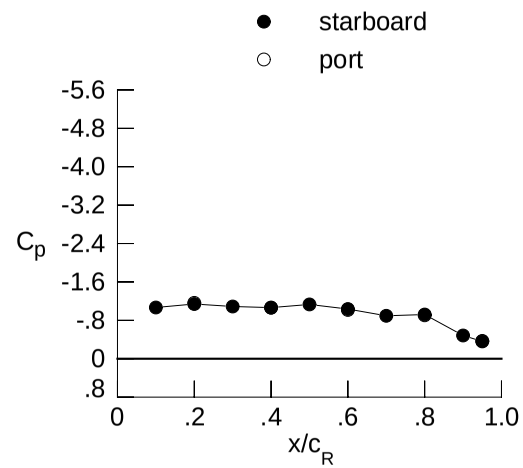
Run No. = 41 , Point No. = 856

C_N = 0.910, C_m = -0.1523

α = 18.6 °, M_∞ = 0.851

R_{mac} = 6.0×10^6

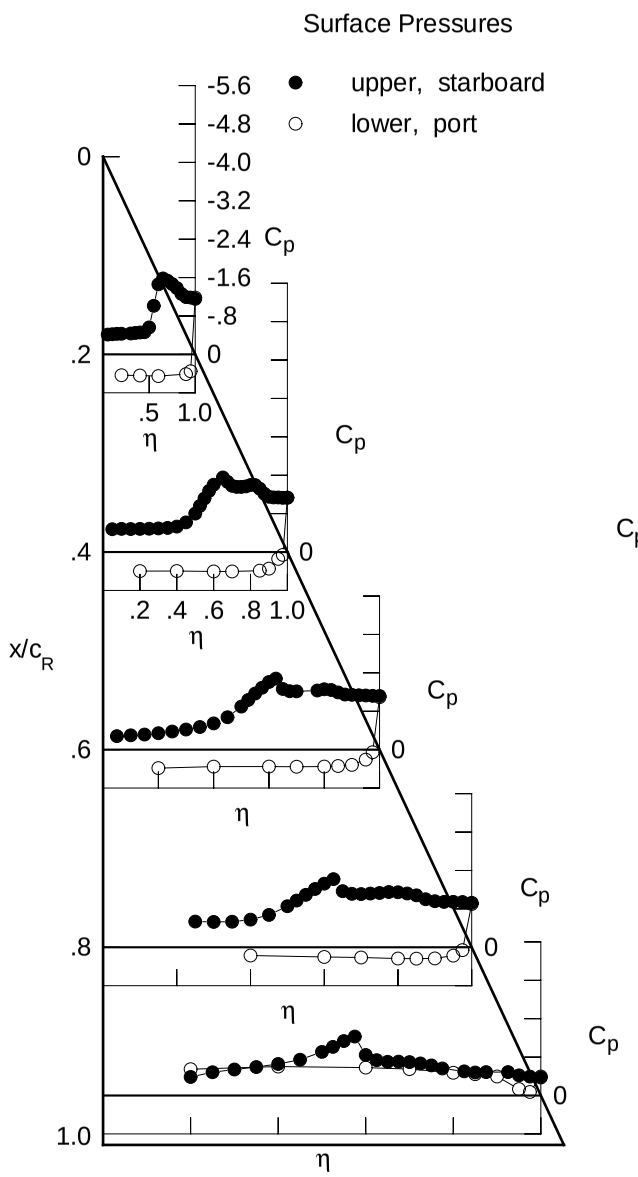
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.0674	*******
0.20	-1.1403	-1.1636
0.30	-1.0882	*******
0.40	-1.0650	-1.0631
0.50	-1.1308	*******
0.60	-1.0353	-1.0160
0.70	-0.8946	*******
0.80	-0.9206	-0.9049
0.90	-0.4842	*******
0.95	-0.3610	-0.3714

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.4127	-0.4751	-0.2805	*******	*******
0.100	-0.4197	-0.4823	-0.2985	*******	*******
0.150	-0.4278	-0.4792	-0.3142	*******	*******
0.200	-0.4299	-0.4827	-0.3421	*******	-0.3868
0.250	*******	-0.4859	-0.3772	-0.5360	-0.4849
0.300	-0.4353	-0.4916	-0.4188	-0.5283	-0.5415
0.350	-0.4474	-0.5025	-0.4712	-0.5332	-0.5931
0.400	-0.4557	-0.5305	-0.5467	-0.5758	-0.6571
0.450	-0.4622	-0.6176	-0.6754	-0.6741	-0.7452
0.500	-0.5626	-0.8004	-0.8969	-0.8548	-0.9091
0.525	*******	-0.9601	-1.0341	-0.9734	-1.0129
0.550	-1.0122	-1.1154	-1.1688	-1.0924	-1.1341
0.575	*******	-1.2731	-1.2897	-1.2141	-1.2281
0.600	-1.4599	-1.4023	-1.4093	-1.3259	-0.8444
0.625	*******	*******	-1.4800	-1.4199	-0.7364
0.650	-1.5823	-1.5534	-1.2641	-1.1688	-0.7027
0.675	*******	-1.4628	-1.2179	-1.1137	-0.7060
0.700	-1.5346	-1.3798	-1.2140	-1.1089	-0.6960
0.725	*******	-1.3580	*******	-1.1192	-0.6682
0.750	-1.4647	-1.3568	*******	-1.1308	-0.6272
0.775	*******	-1.3669	-1.2317	-1.1510	-0.5629
0.800	-1.3823	-1.3971	-1.2573	-1.1468	*******
0.825	*******	-1.3950	-1.2436	-1.1207	-0.5030
0.850	-1.2608	-1.3192	-1.1923	-1.0823	-0.4792
0.875	*******	-1.2151	-1.1481	-1.0008	-0.4871
0.900	-1.1934	-1.1511	-1.1413	-0.9602	*******
0.925	*******	-1.1377	-1.1329	-0.9458	-0.4880
0.950	-1.1836	-1.1371	-1.1283	-0.9473	-0.4203
0.975	*******	-1.1299	-1.1209	-0.9428	-0.3944
1.000	-1.1567	-1.1325	-1.1177	-0.9269	-0.3757
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4345	0.3974	0.3852	*******	-0.5478
-0.400	0.4401	0.3959	0.3534	0.1715	-0.6032
-0.600	0.4517	0.4045	0.3529	0.2018	-0.5813
-0.700	*******	0.4050	0.3562	0.2128	-0.5504
-0.800	*******	*******	0.3524	0.2345	-0.4738
-0.850	*******	0.3883	0.3405	0.2370	-0.4441
-0.900	0.4111	0.3464	0.3175	0.2319	-0.3959
-0.950	0.3511	0.1425	0.2081	0.1736	-0.1344
-0.975	*******	0.0599	0.0537	0.0593	-0.0737
-1.000	-1.1831	-1.1318	-1.0931	-0.9017	-0.3961



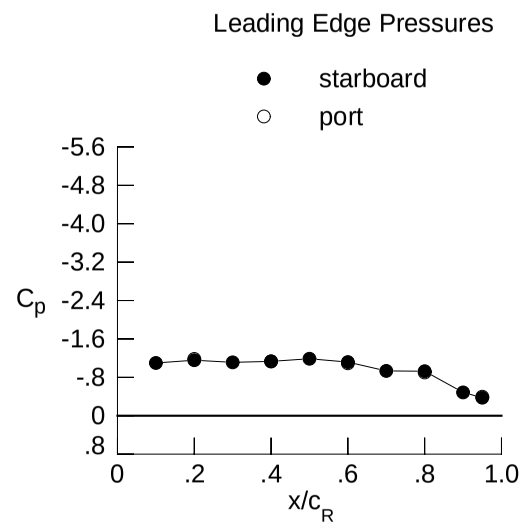
Small Radius L.E.

Run No. = 41 , Point No. = 857

C_N = 0.967, C_m = -0.1619

α = 19.6 °, M_∞ = 0.850

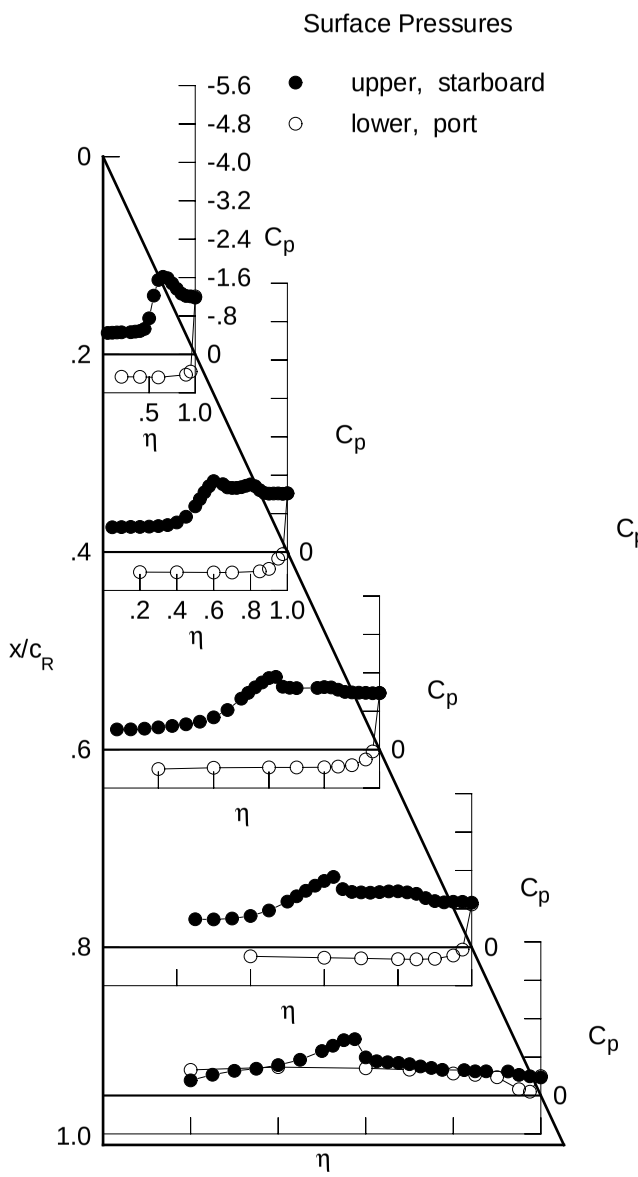
R_{mac} = 6.0×10^6



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

Table C1. Continued.

η	x/c_R .2 C_p,u	x/c_R .4 C_p,u	x/c_R .6 C_p,u	x/c_R .8 C_p,u	x/c_R .95 C_p,u
0.050	-0.4466	-0.5157	-0.4212	*******	*******
0.100	-0.4511	-0.5193	-0.4225	*******	*******
0.150	-0.4568	-0.5228	-0.4366	*******	*******
0.200	-0.4601	-0.5231	-0.4637	*******	-0.3153
0.250	*******	-0.5294	-0.4938	-0.5840	-0.4331
0.300	-0.4627	-0.5409	-0.5281	-0.5804	-0.5143
0.350	-0.4740	-0.5612	-0.5814	-0.5996	-0.5577
0.400	-0.4871	-0.6162	-0.6727	-0.6521	-0.6336
0.450	-0.5310	-0.7355	-0.8256	-0.7662	-0.7436
0.500	-0.7518	-0.9523	-1.0612	-0.9511	-0.9262
0.525	*******	-1.0997	-1.1822	-1.0622	-1.0365
0.550	-1.2239	-1.2438	-1.2974	-1.1768	-1.1531
0.575	*******	-1.3709	-1.3988	-1.2835	-1.1733
0.600	-1.5508	-1.4772	-1.4912	-1.3828	-0.7945
0.625	*******	*******	-1.5157	-1.4654	-0.7136
0.650	-1.6164	-1.4137	-1.3107	-1.2122	-0.6928
0.675	*******	-1.3461	-1.2890	-1.1524	-0.6795
0.700	-1.5869	-1.3351	-1.2813	-1.1429	-0.6531
0.725	*******	-1.3360	*******	-1.1365	-0.6055
0.750	-1.4784	-1.3509	*******	-1.1495	-0.5741
0.775	*******	-1.3801	-1.2853	-1.1640	-0.5342
0.800	-1.3660	-1.4096	-1.3029	-1.1666	*******
0.825	*******	-1.3713	-1.2960	-1.1441	-0.5290
0.850	-1.2660	-1.2893	-1.2488	-1.1140	-0.5041
0.875	*******	-1.2309	-1.2027	-1.0248	-0.5041
0.900	-1.2175	-1.2159	-1.1919	-0.9628	*******
0.925	*******	-1.2194	-1.1862	-0.9363	-0.5006
0.950	-1.2086	-1.2207	-1.1831	-0.9478	-0.4294
0.975	*******	-1.2124	-1.1754	-0.9466	-0.3997
1.000	-1.1834	-1.2197	-1.1825	-0.9290	-0.3766
	C_p,l	C_p,l	C_p,l	C_p,l	C_p,l
-0.200	0.4664	0.4187	0.4039	*******	-0.5334
-0.400	0.4690	0.4212	0.3777	0.1880	-0.5912
-0.600	0.4789	0.4258	0.3704	0.2176	-0.5673
-0.700	*******	0.4266	0.3709	0.2303	-0.5380
-0.800	*******	*******	0.3672	0.2473	-0.4587
-0.850	*******	0.4022	0.3528	0.2513	-0.4306
-0.900	0.4236	0.3514	0.3239	0.2410	-0.3805
-0.950	0.3581	0.1372	0.2052	0.1715	-0.1301
-0.975	*******	0.0433	0.0379	0.0478	-0.0790
-1.000	-1.2075	-1.2253	-1.1752	-0.8928	-0.4043



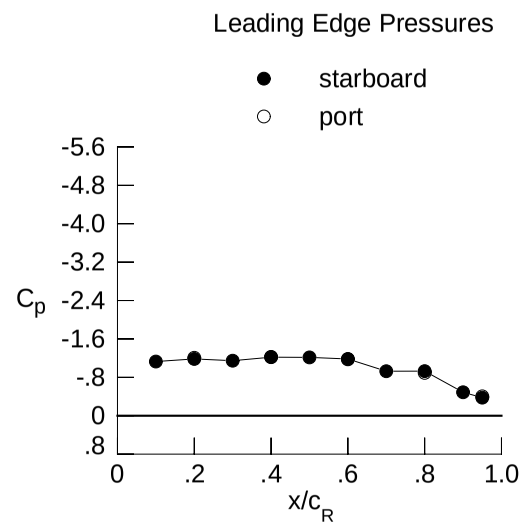
Small Radius L.E.

Run No. = 41 , Point No. = 858

C_N = 1.024, C_m = -0.1740

α = 20.6 °, M_∞ = 0.850

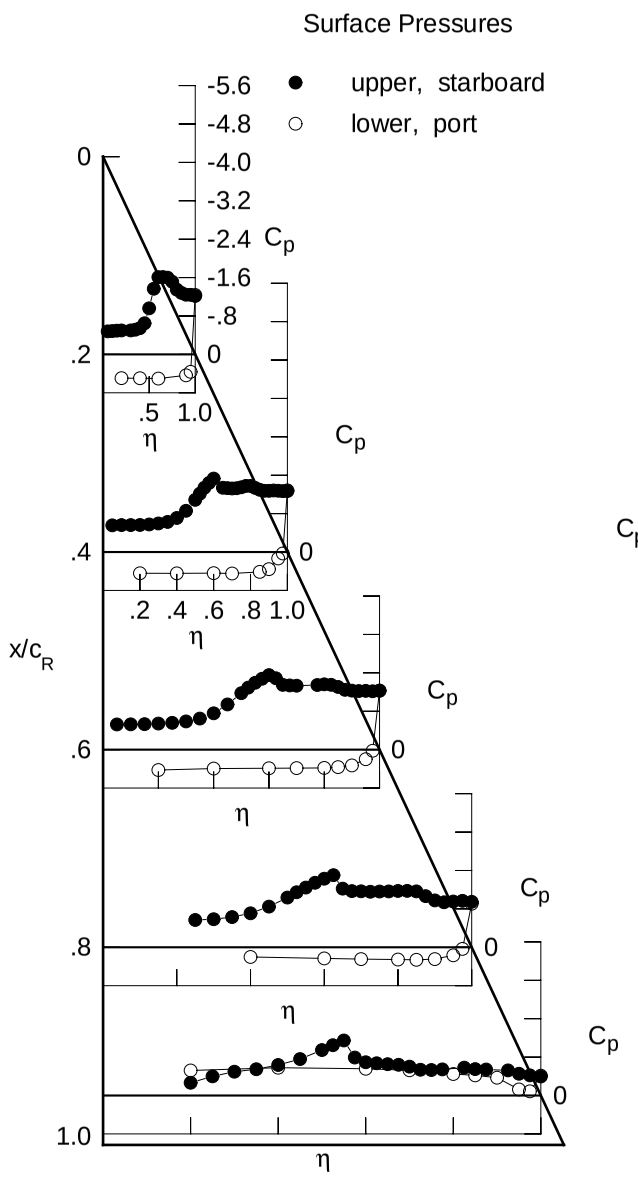
R_{mac} = 6.0×10^6



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

Table C1. Continued.

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



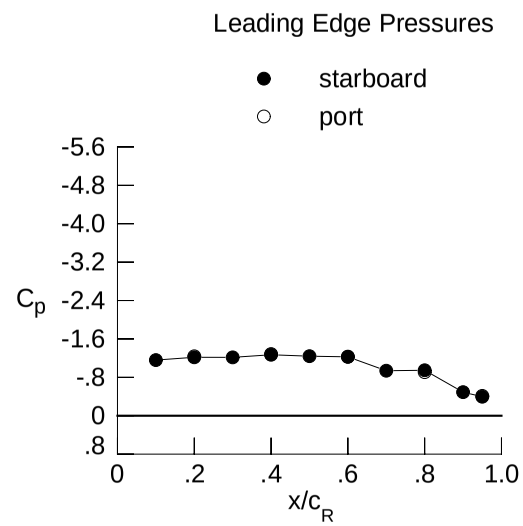
Small Radius L.E.

Run No. = 41 , Point No. = 859

C_N = 1.077, C_m = -0.1813

α = 21.6 °, M_∞ = 0.850

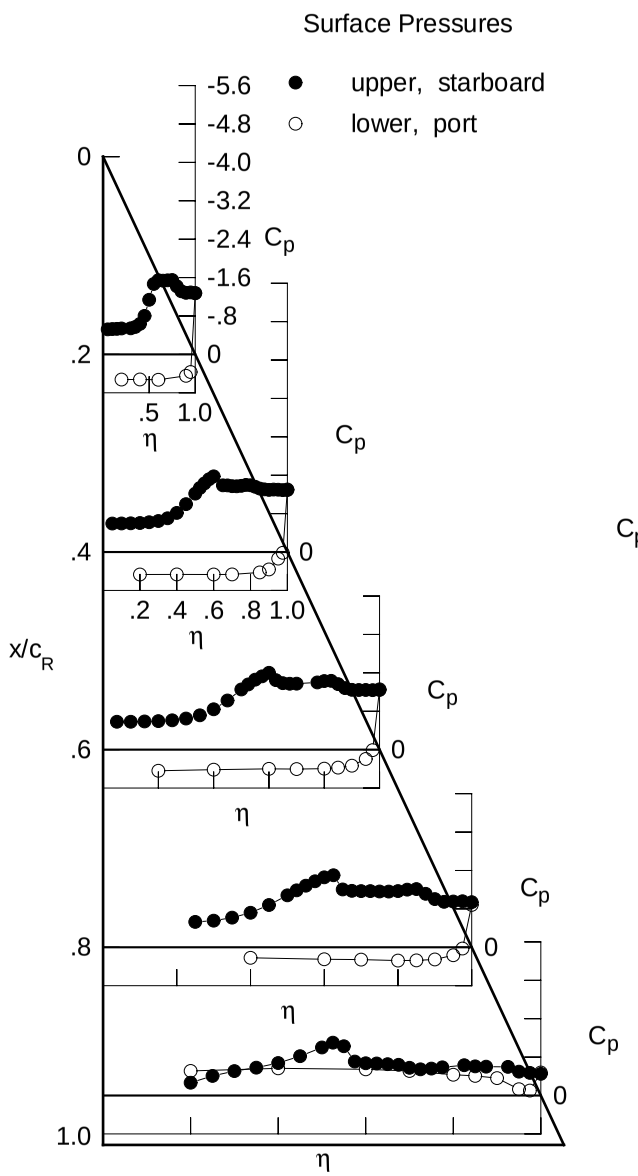
R_{mac} = 6.0×10^6



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

Table C1. Continued.

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



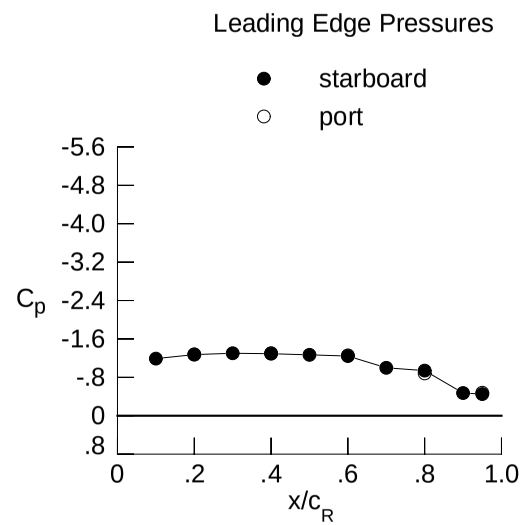
Small Radius L.E.

Run No. = 41 , Point No. = 860

C_N = 1.128, C_m = -0.1905

α = 22.6 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

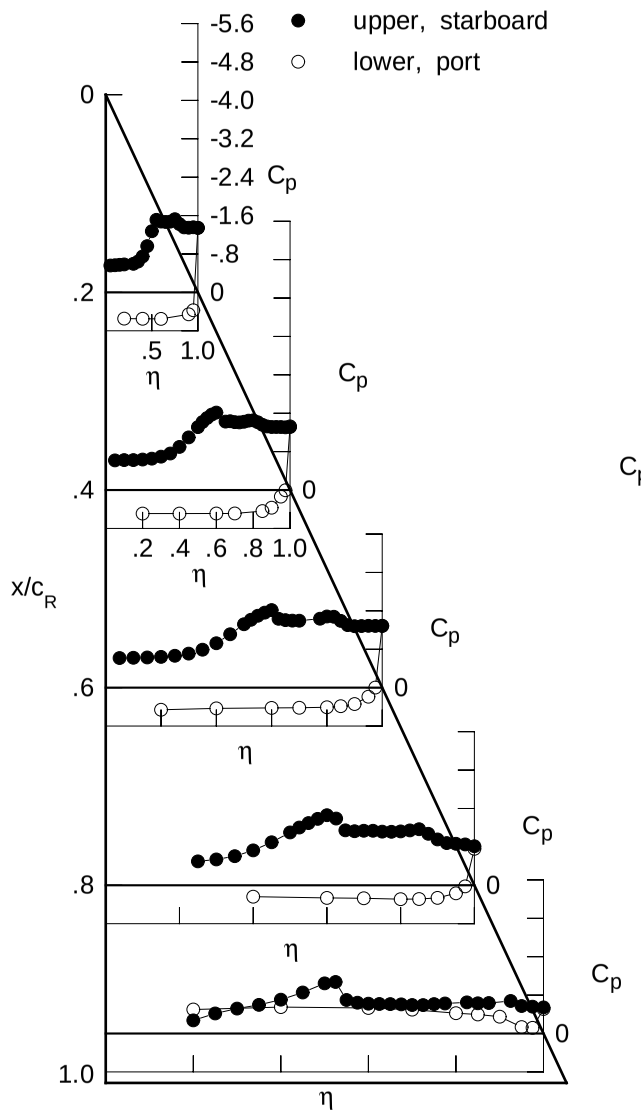


x/c_R	starb'd C_p	port C_p
0.10	-1.1900	*******
0.20	-1.2736	-1.2786
0.30	-1.3014	*******
0.40	-1.2921	-1.3029
0.50	-1.2685	*******
0.60	-1.2435	-1.2564
0.70	-0.9986	*******
0.80	-0.9398	-0.8826
0.90	-0.4727	*******
0.95	-0.4510	-0.4792

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5596	-0.6180	-0.6172	*******	*******
0.100	-0.5652	-0.6239	-0.6225	*******	*******
0.150	-0.5743	-0.6240	-0.6286	*******	*******
0.200	-0.5824	-0.6351	-0.6408	*******	-0.2733
0.250	*******	-0.6533	-0.6643	-0.4982	-0.4176
0.300	-0.5952	-0.6948	-0.7085	-0.5385	-0.5189
0.350	-0.6423	-0.7608	-0.7902	-0.6061	-0.5966
0.400	-0.7491	-0.8983	-0.9246	-0.7272	-0.7045
0.450	-0.9642	-1.0969	-1.1124	-0.8963	-0.8547
0.500	-1.2747	-1.3105	-1.3210	-1.1007	-1.0445
0.525	*******	-1.4173	-1.4134	-1.2030	-1.0734
0.550	-1.5123	-1.5009	-1.4977	-1.2958	-0.6986
0.575	*******	-1.5716	-1.5621	-1.3837	-0.6412
0.600	-1.4749	-1.6133	-1.6158	-1.4601	-0.6218
0.625	*******	*******	-1.4343	-1.3904	-0.6155
0.650	-1.4672	-1.4260	-1.4065	-1.1446	-0.6131
0.675	*******	-1.4334	-1.3959	-1.1265	-0.6071
0.700	-1.4738	-1.4146	-1.3946	-1.1361	-0.5936
0.725	*******	-1.4085	*******	-1.1356	-0.5917
0.750	-1.5247	-1.4227	*******	-1.1179	-0.6131
0.775	*******	-1.4457	-1.4359	-1.1148	-0.6259
0.800	-1.4226	-1.4519	-1.4825	-1.1223	*******
0.825	*******	-1.4122	-1.4766	-1.1430	-0.6488
0.850	-1.3548	-1.3594	-1.3915	-1.1684	-0.6297
0.875	*******	-1.3246	-1.3026	-1.0728	-0.6353
0.900	-1.3473	-1.3131	-1.2802	-0.9552	*******
0.925	*******	-1.3135	-1.2829	-0.8796	-0.6772
0.950	-1.3570	-1.3128	-1.2878	-0.8645	-0.5727
0.975	*******	-1.3066	-1.2854	-0.8508	-0.5592
1.000	-1.3433	-1.3126	-1.2886	-0.8133	-0.5437
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5465	0.4900	0.4610	*******	-0.4997
-0.400	0.5495	0.4902	0.4322	0.2374	-0.5505
-0.600	0.5517	0.4889	0.4221	0.2631	-0.5318
-0.700	*******	0.4884	0.4189	0.2707	-0.4972
-0.800	*******	*******	0.4087	0.2893	-0.4232
-0.850	*******	0.4386	0.3864	0.2865	-0.3966
-0.900	0.4568	0.3681	0.3415	0.2625	-0.3502
-0.950	0.3718	0.1369	0.1885	0.1669	-0.1340
-0.975	*******	0.0046	-0.0015	0.0222	-0.1182
-1.000	-1.3453	-1.3264	-1.2845	-0.7598	-0.5106

Surface Pressures



Small Radius L.E.

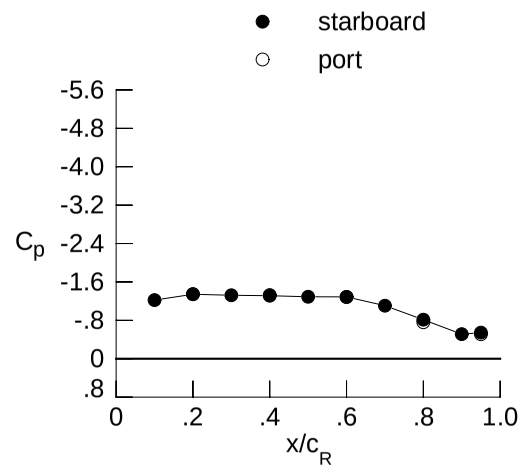
Run No. = 41 , Point No. = 861

C_N = 1.168, C_m = -0.1947

α = 23.6 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

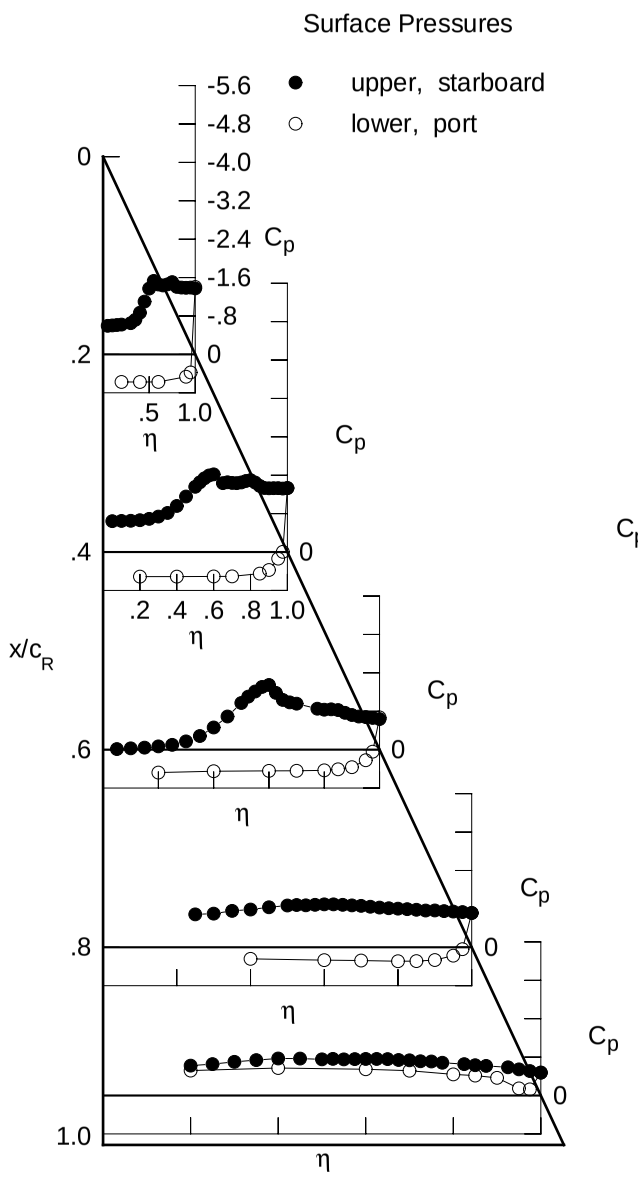
Leading Edge Pressures



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

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5954	-0.6434	-0.0124	*******	*******
0.100	-0.6030	-0.6482	-0.0273	*******	*******
0.150	-0.6120	-0.6511	-0.0419	*******	*******
0.200	-0.6208	-0.6633	-0.0677	*******	-0.6227
0.250	*******	-0.6912	-0.1000	-0.6855	-0.6541
0.300	-0.6507	-0.7386	-0.1722	-0.7010	-0.7014
0.350	-0.7209	-0.8145	-0.2840	-0.7587	-0.7379
0.400	-0.8684	-0.9603	-0.4614	-0.7861	-0.7715
0.450	-1.0997	-1.1565	-0.6902	-0.8339	-0.7695
0.500	-1.3711	-1.3595	-0.9722	-0.8700	-0.7534
0.525	*******	-1.4522	-1.1037	-0.8805	-0.7631
0.550	-1.5307	-1.5351	-1.2116	-0.8740	-0.7532
0.575	*******	-1.5950	-1.3063	-0.8844	-0.7587
0.600	-1.4560	-1.6183	-1.3470	-0.8946	-0.7617
0.625	*******	*******	-1.1832	-0.8943	-0.7618
0.650	-1.4360	-1.4354	-1.0359	-0.8851	-0.7584
0.675	*******	-1.4536	-0.9851	-0.8724	-0.7401
0.700	-1.4592	-1.4399	-0.9573	-0.8634	-0.7337
0.725	*******	-1.4355	*******	-0.8445	-0.7136
0.750	-1.5056	-1.4499	*******	-0.8271	-0.7085
0.775	*******	-1.4799	-0.8530	-0.8137	-0.6826
0.800	-1.4066	-1.4981	-0.8318	-0.8046	*******
0.825	*******	-1.4478	-0.8402	-0.7944	-0.6539
0.850	-1.3920	-1.3773	-0.8252	-0.7813	-0.6309
0.875	*******	-1.3348	-0.7674	-0.7654	-0.6168
0.900	-1.3869	-1.3277	-0.7213	-0.7673	*******
0.925	*******	-1.3301	-0.6899	-0.7533	-0.5878
0.950	-1.3921	-1.3314	-0.6781	-0.7439	-0.5449
0.975	*******	-1.3220	-0.6605	-0.7335	-0.5098
1.000	-1.3751	-1.3306	-0.6370	-0.7141	-0.4783
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5740	0.5121	0.4775	*******	-0.5195
-0.400	0.5755	0.5119	0.4499	0.2411	-0.5725
-0.600	0.5736	0.5084	0.4421	0.2678	-0.5468
-0.700	*******	0.5069	0.4405	0.2761	-0.5168
-0.800	*******	*******	0.4314	0.2908	-0.4402
-0.850	*******	0.4496	0.4098	0.2881	-0.4149
-0.900	0.4654	0.3741	0.3658	0.2658	-0.3677
-0.950	0.3756	0.1374	0.2209	0.1745	-0.1479
-0.975	*******	-0.0043	0.0423	0.0395	-0.1276
-1.000	-1.4045	-1.3355	-0.6718	-0.7150	-0.4751



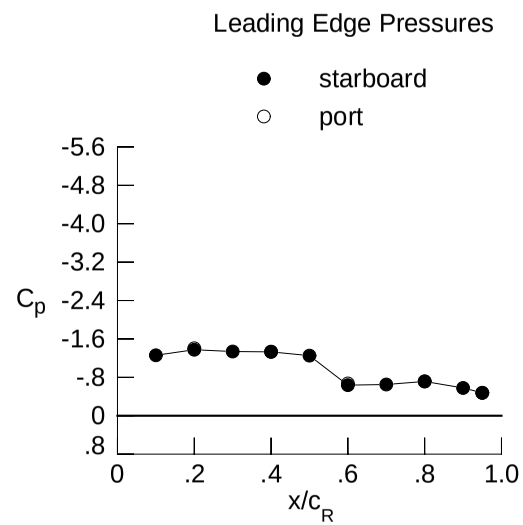
Small Radius L.E.

Run No. = 41 , Point No. = 862

C_N = 1.093, C_m = -0.1797

α = 24.6 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

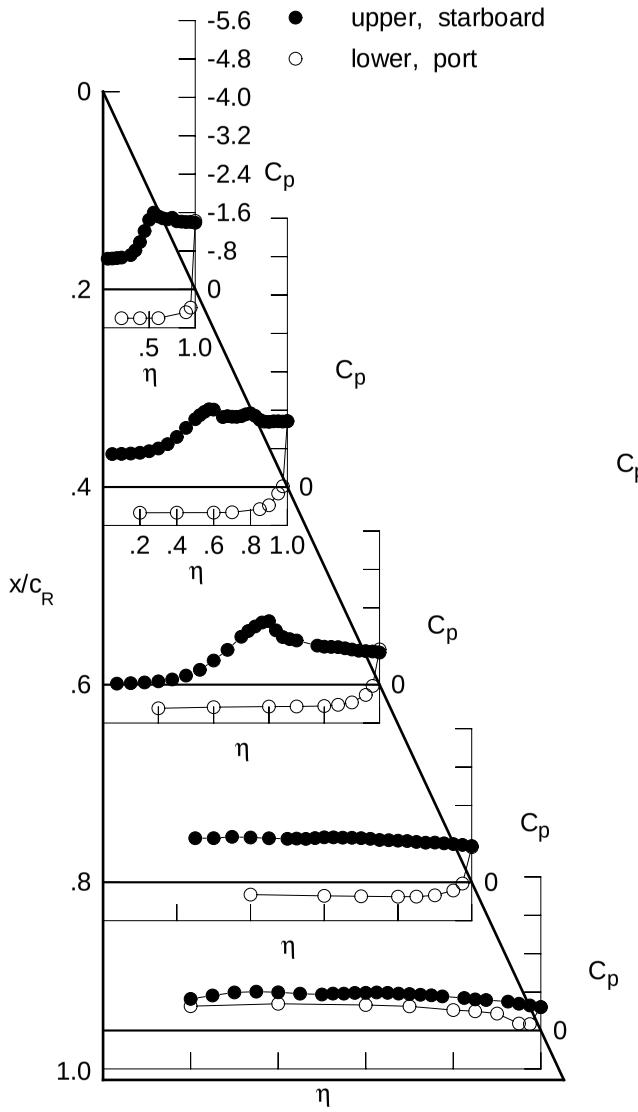


x/c_R	starb'd C_p	port C_p
0.10	-1.2594	*******
0.20	-1.3751	-1.4045
0.30	-1.3375	*******
0.40	-1.3306	-1.3355
0.50	-1.2517	*******
0.60	-0.6370	-0.6718
0.70	-0.6507	*******
0.80	-0.7141	-0.7150
0.90	-0.5786	*******
0.95	-0.4783	-0.4751

Table C1. Continued.

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

Surface Pressures



Small Radius L.E.

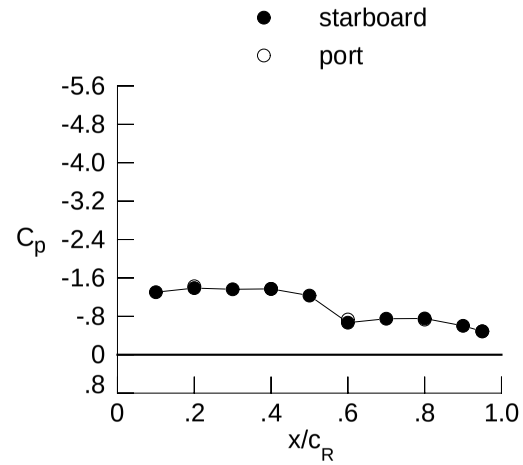
Run No. = 41 , Point No. = 863

C_N = 1.139, C_m = -0.1830

α = 25.7 °, M_∞ = 0.850

R_{mac} = 6.0×10^6

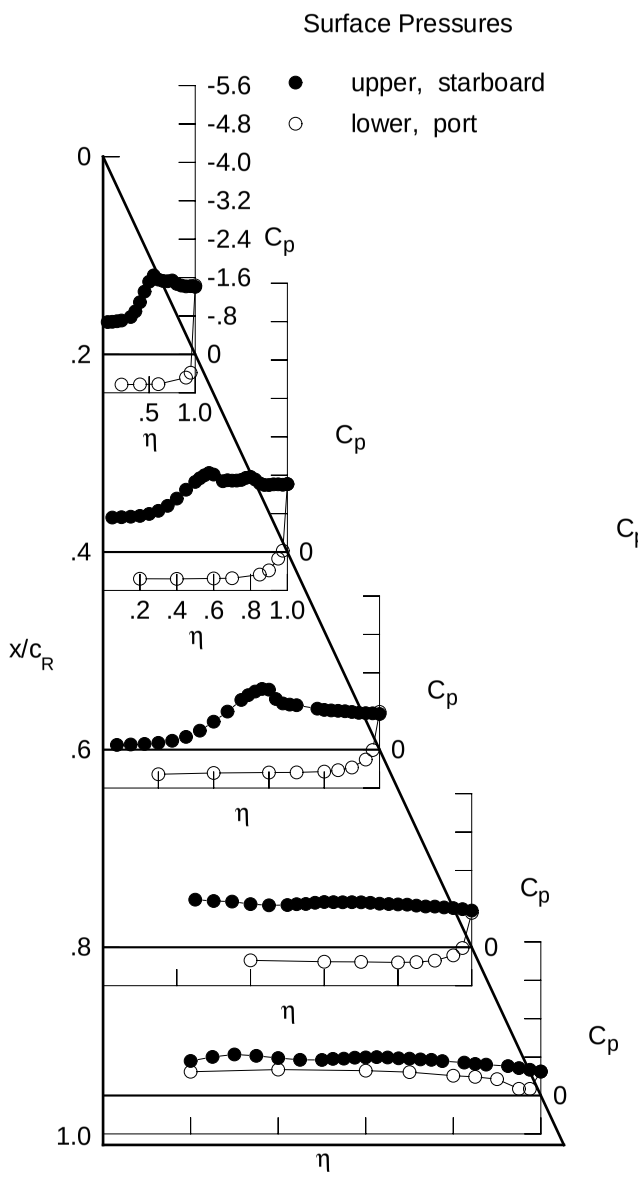
Leading Edge Pressures



x/c_R	starb'd C_p	port C_p
0.10	-1.3024	*******
0.20	-1.3883	-1.4262
0.30	-1.3634	*******
0.40	-1.3717	-1.3711
0.50	-1.2319	*******
0.60	-0.6678	-0.7338
0.70	-0.7500	*******
0.80	-0.7549	-0.7317
0.90	-0.6020	*******
0.95	-0.4877	-0.4863

Table C1. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6736	-0.7183	-0.0988	*******	*******
0.100	-0.6791	-0.7258	-0.1074	*******	*******
0.150	-0.6902	-0.7356	-0.1189	*******	*******
0.200	-0.7058	-0.7530	-0.1414	*******	-0.7197
0.250	*******	-0.7935	-0.1849	-0.9920	-0.8040
0.300	-0.7796	-0.8588	-0.2659	-0.9642	-0.8556
0.350	-0.8961	-0.9627	-0.3949	-0.9517	-0.8265
0.400	-1.0871	-1.1140	-0.5827	-0.8996	-0.7809
0.450	-1.3077	-1.2982	-0.7930	-0.8746	-0.7433
0.500	-1.5138	-1.4608	-1.0352	-0.8799	-0.7407
0.525	*******	-1.5364	-1.1351	-0.8973	-0.7630
0.550	-1.6462	-1.5983	-1.2104	-0.9024	-0.7683
0.575	*******	-1.6468	-1.2651	-0.9270	-0.7883
0.600	-1.5580	-1.6133	-1.2495	-0.9436	-0.7938
0.625	*******	*******	-1.0555	-0.9403	-0.8003
0.650	-1.5301	-1.4749	-0.9623	-0.9374	-0.7916
0.675	*******	-1.4957	-0.9383	-0.9396	-0.7750
0.700	-1.5241	-1.4872	-0.9253	-0.9366	-0.7684
0.725	*******	-1.4892	*******	-0.9263	-0.7521
0.750	-1.5400	-1.5027	*******	-0.9079	-0.7432
0.775	*******	-1.5445	-0.8537	-0.9007	-0.7167
0.800	-1.4678	-1.5668	-0.8281	-0.8926	*******
0.825	*******	-1.5101	-0.8168	-0.8880	-0.6858
0.850	-1.4337	-1.4321	-0.8091	-0.8684	-0.6578
0.875	*******	-1.3973	-0.7999	-0.8492	-0.6433
0.900	-1.4168	-1.3959	-0.7849	-0.8482	*******
0.925	*******	-1.4104	-0.7668	-0.8302	-0.6125
0.950	-1.4212	-1.4109	-0.7603	-0.8166	-0.5711
0.975	*******	-1.4016	-0.7566	-0.7947	-0.5363
1.000	-1.4075	-1.4148	-0.7425	-0.7651	-0.5003
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6291	0.5566	0.5131	*******	-0.4948
-0.400	0.6260	0.5592	0.4864	0.2724	-0.5403
-0.600	0.6198	0.5505	0.4765	0.3008	-0.5172
-0.700	*******	0.5457	0.4743	0.3046	-0.4868
-0.800	*******	*******	0.4577	0.3158	-0.4121
-0.850	*******	0.4700	0.4283	0.3090	-0.3885
-0.900	0.4840	0.3827	0.3720	0.2785	-0.3407
-0.950	0.3818	0.1374	0.2068	0.1685	-0.1394
-0.975	*******	-0.0280	0.0091	0.0150	-0.1381
-1.000	-1.4362	-1.4158	-0.7867	-0.7168	-0.4973



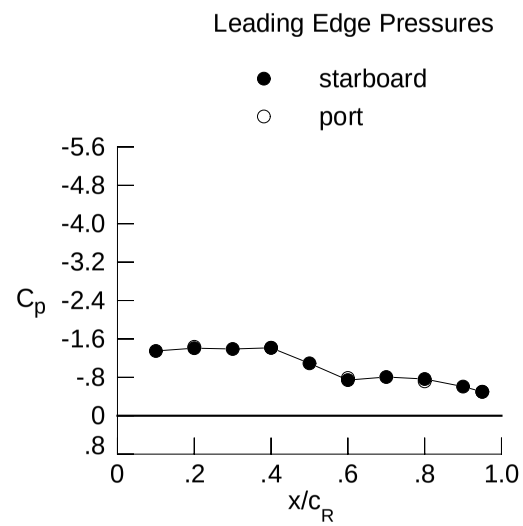
Small Radius L.E.

Run No. = 41 , Point No. = 864

C_N = 1.178, C_m = -0.1876

α = 26.7 °, M_∞ = 0.849

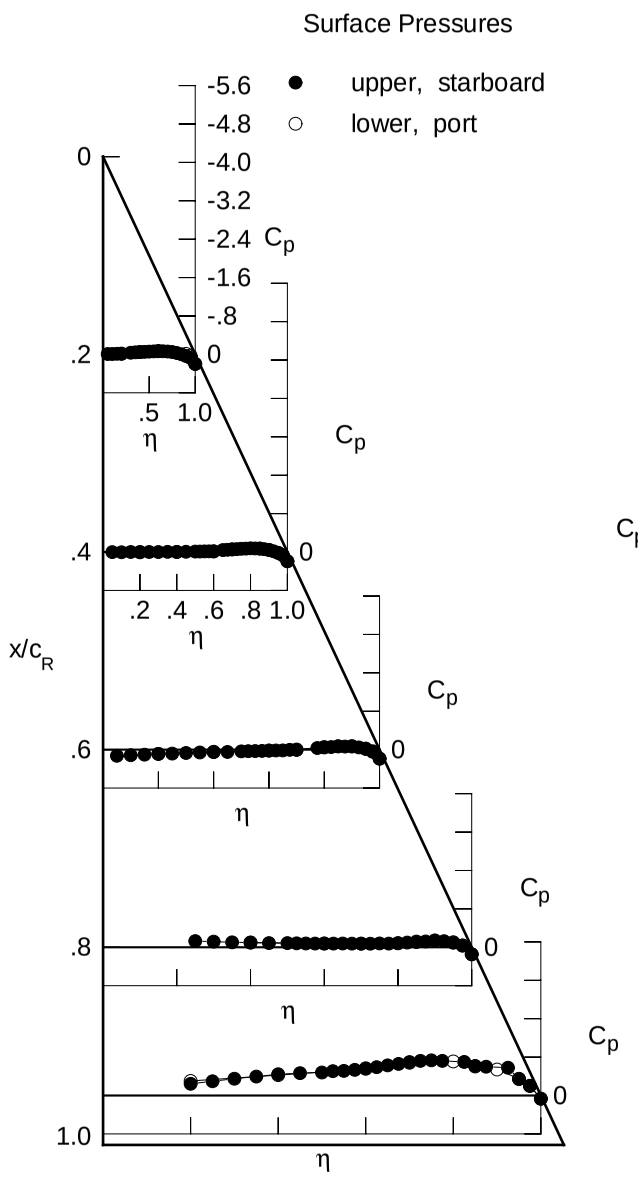
R_{mac} = 6.0×10^6



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

Table C1. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0079	0.0018	0.1280	*******	*******
0.100	-0.0083	0.0051	0.1159	*******	*******
0.150	-0.0128	-0.0012	0.1051	*******	*******
0.200	-0.0119	0.0060	0.0898	*******	-0.2436
0.250	*******	-0.0012	0.0821	-0.1291	-0.2965
0.300	-0.0341	0.0001	0.0694	-0.1176	-0.3497
0.350	-0.0435	-0.0040	0.0590	-0.1032	-0.3946
0.400	-0.0490	-0.0027	0.0509	-0.0986	-0.4436
0.450	-0.0532	-0.0058	0.0479	-0.0869	-0.4657
0.500	-0.0579	-0.0096	0.0363	-0.0871	-0.4790
0.525	*******	-0.0102	0.0323	-0.0827	-0.5072
0.550	-0.0628	-0.0135	0.0292	-0.0790	-0.5131
0.575	*******	-0.0142	0.0261	-0.0774	-0.5341
0.600	-0.0656	-0.0159	0.0217	-0.0761	-0.5670
0.625	*******	*******	0.0173	-0.0771	-0.5906
0.650	-0.0649	-0.0406	0.0160	-0.0785	-0.6276
0.675	*******	-0.0469	0.0043	-0.0759	-0.6585
0.700	-0.0600	-0.0548	0.0055	-0.0749	-0.6970
0.725	*******	-0.0601	*******	-0.0744	-0.7214
0.750	-0.0500	-0.0678	*******	-0.0802	-0.7328
0.775	*******	-0.0711	-0.0338	-0.0767	-0.7214
0.800	-0.0292	-0.0778	-0.0446	-0.0820	*******
0.825	*******	-0.0747	-0.0533	-0.0985	-0.6992
0.850	-0.0022	-0.0702	-0.0667	-0.1099	-0.6161
0.875	*******	-0.0591	-0.0643	-0.1213	-0.6003
0.900	0.0343	-0.0419	-0.0638	-0.1357	*******
0.925	*******	-0.0157	-0.0465	-0.1270	-0.5790
0.950	0.0777	0.0192	-0.0136	-0.0943	-0.3427
0.975	*******	0.0659	0.0450	-0.0334	-0.1988
1.000	0.1989	0.1912	0.1890	0.1448	0.0646
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0166	-0.0014	0.0879	*******	-0.3034
-0.400	-0.0483	-0.0004	0.0443	-0.0983	-0.4242
-0.600	-0.0716	-0.0111	0.0165	-0.0810	-0.5571
-0.700	*******	-0.0555	-0.0021	-0.0757	-0.6814
-0.800	*******	*******	-0.0539	-0.0870	-0.7100
-0.850	*******	-0.0734	-0.0724	-0.1192	-0.6041
-0.900	-0.0105	-0.0464	-0.0745	-0.1428	-0.5417
-0.950	0.0250	0.0159	-0.0235	-0.1058	-0.3491
-0.975	*******	0.0668	0.0326	-0.0400	-0.2041
-1.000	0.1988	0.1918	0.1852	0.1475	0.0688



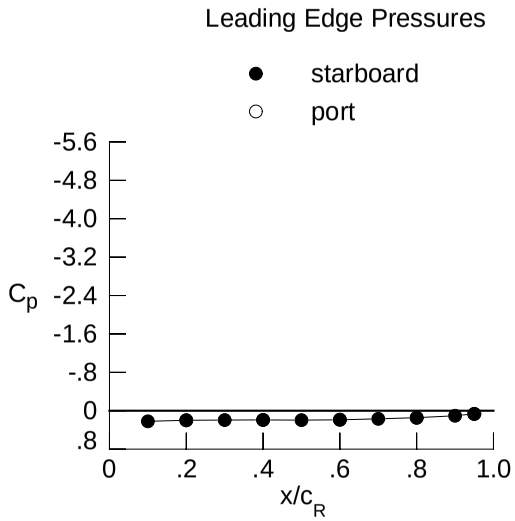
Small Radius L.E.

Run No. = 41 , Point No. = 865

C_N = -0.011, C_m = 0.0032

α = 0.1 °, M_∞ = 0.850

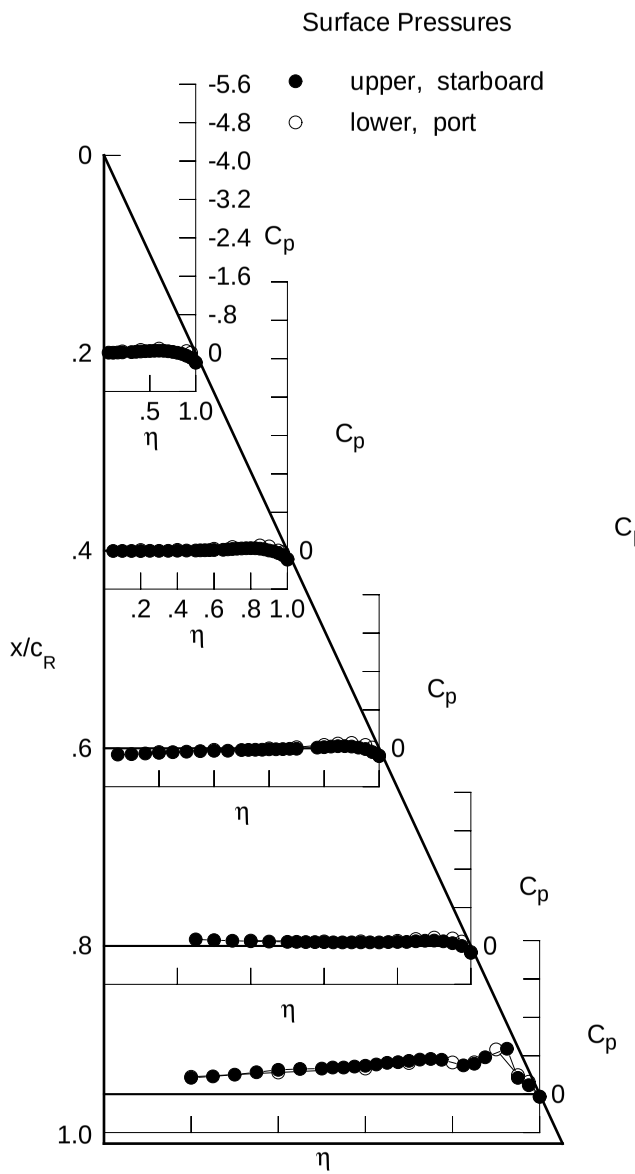
R_{mac} = 6.0×10^6



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

Table C2. 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	0.0054	0.1301	*******	*******
0.100	-0.0067	0.0051	0.1213	*******	*******
0.150	-0.0115	0.0055	0.1081	*******	*******
0.200	-0.0141	0.0071	0.0940	*******	-0.3413
0.250	*******	0.0028	0.0807	-0.1361	-0.3701
0.300	-0.0195	0.0029	0.0707	-0.1204	-0.4064
0.350	-0.0267	0.0024	0.0595	-0.1082	-0.4570
0.400	-0.0324	0.0004	0.0524	-0.0984	-0.5072
0.450	-0.0389	-0.0030	0.0500	-0.0916	-0.5252
0.500	-0.0436	-0.0036	0.0360	-0.0855	-0.5329
0.525	*******	-0.0079	0.0327	-0.0852	-0.5556
0.550	-0.0481	-0.0098	0.0303	-0.0810	-0.5551
0.575	*******	-0.0119	0.0294	-0.0798	-0.5750
0.600	-0.0493	-0.0142	0.0206	-0.0801	-0.5924
0.625	*******	*******	0.0202	-0.0747	-0.6186
0.650	-0.0468	-0.0191	0.0169	-0.0735	-0.6527
0.675	*******	-0.0277	0.0102	-0.0748	-0.6666
0.700	-0.0375	-0.0350	0.0090	-0.0749	-0.6934
0.725	*******	-0.0413	*******	-0.0751	-0.7200
0.750	-0.0236	-0.0464	*******	-0.0738	-0.7338
0.775	*******	-0.0510	-0.0146	-0.0806	-0.7172
0.800	-0.0058	-0.0530	-0.0236	-0.0831	*******
0.825	*******	-0.0512	-0.0358	-0.0842	-0.6001
0.850	0.0172	-0.0428	-0.0441	-0.0972	-0.6345
0.875	*******	-0.0276	-0.0451	-0.1091	-0.7684
0.900	0.0568	-0.0044	-0.0372	-0.1117	*******
0.925	*******	0.0136	-0.0141	-0.0967	-0.9468
0.950	0.1004	0.0495	0.0148	-0.0579	-0.3403
0.975	*******	0.0937	0.0775	0.0008	-0.1873
1.000	0.2013	0.1865	0.1633	0.1443	0.0540
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0340	-0.0142	0.0779	*******	-0.3625
-0.400	-0.0650	-0.0175	0.0315	-0.1112	-0.4524
-0.600	-0.0931	-0.0403	0.0009	-0.0946	-0.5347
-0.700	*******	-0.0759	-0.0226	-0.0958	-0.6486
-0.800	*******	*******	-0.0708	-0.1074	-0.6609
-0.850	*******	-0.1085	-0.0983	-0.1440	-0.6644
-0.900	-0.0406	-0.0887	-0.1119	-0.1733	-0.9323
-0.950	-0.0083	-0.0039	-0.0694	-0.1557	-0.3970
-0.975	*******	0.0300	-0.0157	-0.0916	-0.2592



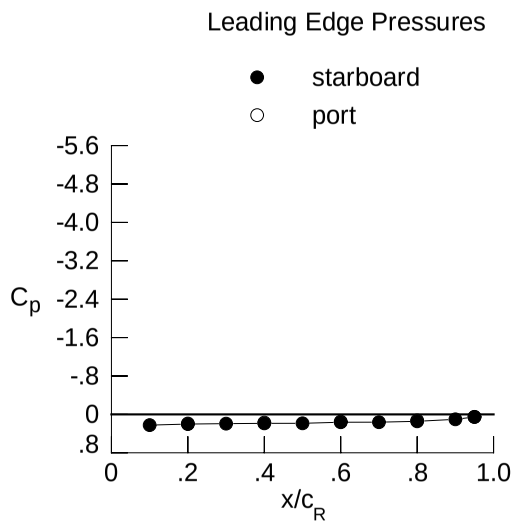
Small Radius L.E.

Run No. = 35 , Point No. = 684

C_N = -0.020, C_m = -0.0020

α = -0.5 °, M_∞ = 0.851

R_{mac} = 11.8×10^6

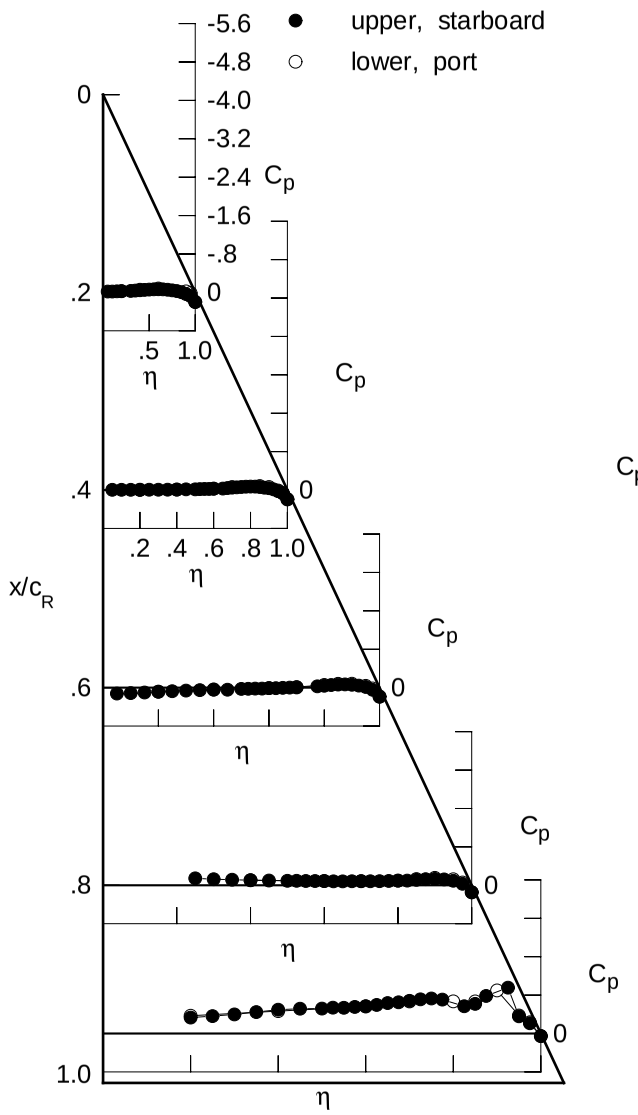


x/c_R	starb'd C_p	port C_p
0.10	0.2234	*******
0.20	0.2013	0.1905
0.30	0.1925	*******
0.40	0.1865	0.1702
0.50	0.1857	*******
0.60	0.1633	0.1493
0.70	0.1620	*******
0.80	0.1443	0.1262
0.90	0.1024	*******
0.95	0.0540	0.0514

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0179	-0.0044	0.1232	*******	*******
0.100	-0.0178	-0.0045	0.1139	*******	*******
0.150	-0.0226	-0.0048	0.1013	*******	*******
0.200	-0.0262	-0.0026	0.0854	*******	-0.3318
0.250	*******	-0.0065	0.0746	-0.1450	-0.3624
0.300	-0.0302	-0.0068	0.0618	-0.1265	-0.3974
0.350	-0.0378	-0.0075	0.0522	-0.1160	-0.4464
0.400	-0.0448	-0.0108	0.0432	-0.1052	-0.4956
0.450	-0.0520	-0.0146	0.0431	-0.0994	-0.5164
0.500	-0.0583	-0.0146	0.0261	-0.0939	-0.5190
0.525	*******	-0.0196	0.0240	-0.0936	-0.5380
0.550	-0.0637	-0.0224	0.0203	-0.0894	-0.5362
0.575	*******	-0.0226	0.0204	-0.0890	-0.5538
0.600	-0.0656	-0.0276	0.0102	-0.0887	-0.5692
0.625	*******	*******	0.0115	-0.0827	-0.5953
0.650	-0.0634	-0.0306	0.0043	-0.0819	-0.6347
0.675	*******	-0.0415	-0.0011	-0.0843	-0.6506
0.700	-0.0550	-0.0500	-0.0043	-0.0840	-0.6805
0.725	*******	-0.0562	*******	-0.0838	-0.7120
0.750	-0.0427	-0.0631	*******	-0.0852	-0.7292
0.775	*******	-0.0696	-0.0274	-0.0906	-0.7064
0.800	-0.0283	-0.0722	-0.0395	-0.0969	*******
0.825	*******	-0.0715	-0.0542	-0.0974	-0.5676
0.850	-0.0049	-0.0634	-0.0639	-0.1135	-0.6179
0.875	*******	-0.0491	-0.0669	-0.1274	-0.7827
0.900	0.0343	-0.0386	-0.0599	-0.1329	*******
0.925	*******	-0.0140	-0.0422	-0.1224	-0.9551
0.950	0.0786	0.0237	-0.0144	-0.0948	-0.3582
0.975	*******	0.0668	0.0452	-0.0312	-0.2135
1.000	0.2008	0.1961	0.1905	0.1480	0.0522
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0238	-0.0075	0.0841	*******	-0.3703
-0.400	-0.0552	-0.0080	0.0380	-0.1058	-0.4664
-0.600	-0.0806	-0.0293	0.0096	-0.0876	-0.5625
-0.700	*******	-0.0625	-0.0119	-0.0874	-0.6679
-0.800	*******	*******	-0.0559	-0.0964	-0.6698
-0.850	*******	-0.0836	-0.0800	-0.1294	-0.6687
-0.900	-0.0209	-0.0635	-0.0817	-0.1548	-0.8976
-0.950	0.0119	0.0105	-0.0377	-0.1256	-0.3755
-0.975	*******	0.0645	0.0176	-0.0573	-0.2341
-1.000	0.1998	0.1895	0.1836	0.1443	0.0544

Surface Pressures



Small Radius L.E.

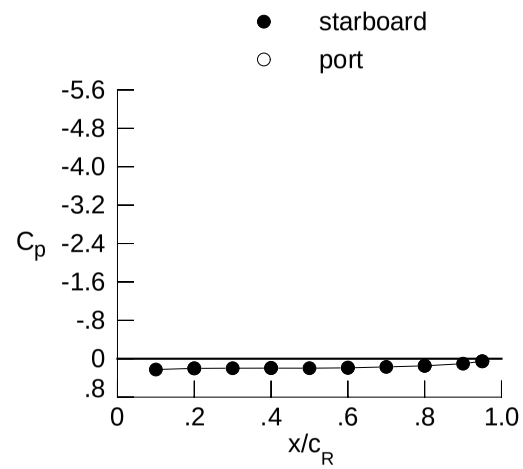
Run No. = 35 , Point No. = 685

C_N = 0.000, C_m = -0.0048

α = 0.0 °, M_∞ = 0.851

R_{mac} = 11.8×10^6

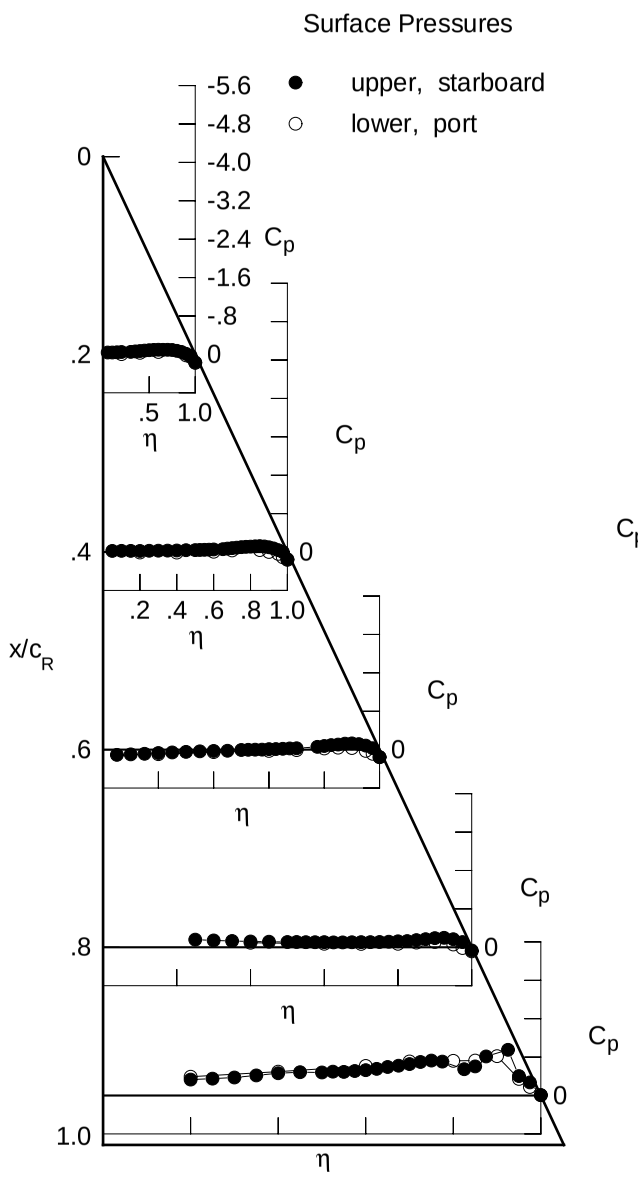
Leading Edge Pressures



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0392	-0.0232	0.1085	*******	*******
0.100	-0.0389	-0.0249	0.0986	*******	*******
0.150	-0.0441	-0.0242	0.0864	*******	*******
0.200	-0.0496	-0.0223	0.0706	*******	-0.3318
0.250	*******	-0.0267	0.0585	-0.1595	-0.3512
0.300	-0.0521	-0.0278	0.0465	-0.1423	-0.3751
0.350	-0.0625	-0.0296	0.0355	-0.1315	-0.4185
0.400	-0.0696	-0.0320	0.0273	-0.1206	-0.4641
0.450	-0.0791	-0.0380	0.0235	-0.1157	-0.4856
0.500	-0.0869	-0.0396	0.0073	-0.1097	-0.4798
0.525	*******	-0.0435	0.0029	-0.1106	-0.4969
0.550	-0.0933	-0.0461	0.0005	-0.1063	-0.4921
0.575	*******	-0.0484	0.0001	-0.1057	-0.5101
0.600	-0.0967	-0.0535	-0.0106	-0.1073	-0.5282
0.625	*******	*******	-0.0117	-0.1016	-0.5548
0.650	-0.0956	-0.0589	-0.0178	-0.1018	-0.5945
0.675	*******	-0.0718	-0.0245	-0.1046	-0.6206
0.700	-0.0957	-0.0819	-0.0284	-0.1072	-0.6553
0.725	*******	-0.0912	*******	-0.1072	-0.6986
0.750	-0.0924	-0.1013	*******	-0.1101	-0.7282
0.775	*******	-0.1089	-0.0583	-0.1162	-0.7062
0.800	-0.0742	-0.1131	-0.0758	-0.1251	*******
0.825	*******	-0.1190	-0.0941	-0.1292	-0.5481
0.850	-0.0510	-0.1234	-0.1056	-0.1499	-0.6068
0.875	*******	-0.1157	-0.1248	-0.1692	-0.8138
0.900	-0.0130	-0.0995	-0.1302	-0.1900	*******
0.925	*******	-0.0749	-0.1149	-0.1978	-0.9521
0.950	0.0284	-0.0400	-0.0843	-0.1679	-0.4046
0.975	*******	-0.0015	-0.0296	-0.1087	-0.2726
1.000	0.1663	0.1503	0.1543	0.0664	-0.0078
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0054	0.0099	0.0948	*******	-0.3914
-0.400	-0.0328	0.0108	0.0514	-0.0945	-0.4971
-0.600	-0.0503	-0.0061	0.0266	-0.0737	-0.6158
-0.700	*******	-0.0336	0.0097	-0.0705	-0.7086
-0.800	*******	*******	-0.0250	-0.0725	-0.7225
-0.850	*******	-0.0407	-0.0419	-0.0975	-0.7277
-0.900	0.0202	-0.0015	-0.0335	-0.1105	-0.8202
-0.950	0.0538	0.0380	0.0267	-0.0587	-0.3458
-0.975	*******	0.1092	0.0862	0.0152	-0.1777
-1.000	0.1765	0.1621	0.1573	0.0848	-0.0071



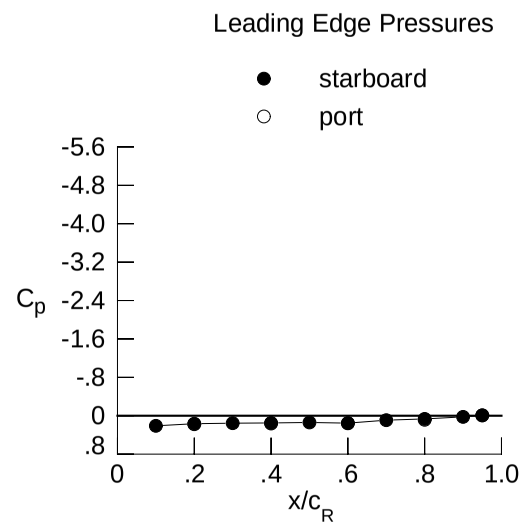
Small Radius L.E.

Run No. = 35 , Point No. = 686

C_N = 0.044, C_m = -0.0139

α = 1.1 °, M_∞ = 0.851

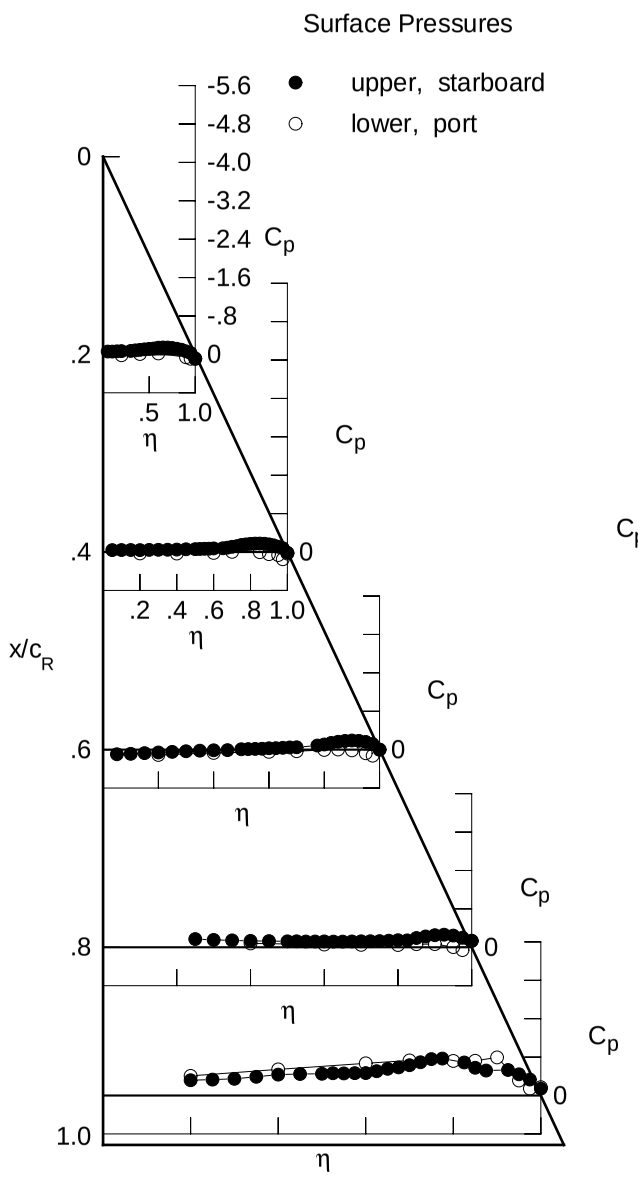
R_{mac} = 11.8×10^6



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0588	-0.0403	0.0963	*******	*******
0.100	-0.0588	-0.0419	0.0873	*******	*******
0.150	-0.0642	-0.0421	0.0729	*******	*******
0.200	-0.0678	-0.0398	0.0588	*******	-0.3188
0.250	*******	-0.0445	0.0462	-0.1714	-0.3311
0.300	-0.0722	-0.0461	0.0332	-0.1535	-0.3483
0.350	-0.0843	-0.0483	0.0218	-0.1444	-0.3895
0.400	-0.0932	-0.0509	0.0137	-0.1325	-0.4356
0.450	-0.1046	-0.0573	0.0102	-0.1287	-0.4481
0.500	-0.1140	-0.0597	-0.0083	-0.1241	-0.4530
0.525	*******	-0.0637	-0.0115	-0.1245	-0.4643
0.550	-0.1225	-0.0678	-0.0154	-0.1203	-0.4600
0.575	*******	-0.0694	-0.0184	-0.1205	-0.4657
0.600	-0.1402	-0.0748	-0.0287	-0.1225	-0.4674
0.625	*******	*******	-0.0306	-0.1180	-0.5064
0.650	-0.1438	-0.0786	-0.0381	-0.1184	-0.5557
0.675	*******	-0.0912	-0.0461	-0.1215	-0.5858
0.700	-0.1420	-0.1094	-0.0494	-0.1244	-0.6312
0.725	*******	-0.1219	*******	-0.1265	-0.6928
0.750	-0.1334	-0.1464	*******	-0.1291	-0.7583
0.775	*******	-0.1594	-0.0855	-0.1375	-0.7699
0.800	-0.1178	-0.1706	-0.1073	-0.1470	*******
0.825	*******	-0.1762	-0.1400	-0.1441	-0.6877
0.850	-0.0976	-0.1767	-0.1643	-0.1936	-0.5781
0.875	*******	-0.1727	-0.1813	-0.2259	-0.5204
0.900	-0.0639	-0.1604	-0.1906	-0.2521	*******
0.925	*******	-0.1403	-0.1834	-0.2627	-0.5318
0.950	-0.0275	-0.1116	-0.1605	-0.2443	-0.4420
0.975	*******	-0.0811	-0.1170	-0.1998	-0.3325
1.000	0.0830	0.0137	0.0014	-0.1374	-0.1429
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0175	0.0285	0.1107	*******	-0.4089
-0.400	-0.0083	0.0310	0.0682	-0.0808	-0.5443
-0.600	-0.0200	0.0180	0.0459	-0.0572	-0.6703
-0.700	*******	-0.0040	0.0332	-0.0509	-0.7305
-0.800	*******	*******	0.0068	-0.0475	-0.7203
-0.850	*******	0.0034	-0.0032	-0.0645	-0.7235
-0.900	0.0590	0.0436	0.0146	-0.0667	-0.7934
-0.950	0.0914	0.0632	0.0751	-0.0044	-0.3124
-0.975	*******	0.1505	0.1259	0.0586	-0.1438
-1.000	0.0951	0.0317	-0.0021	-0.1306	-0.1740



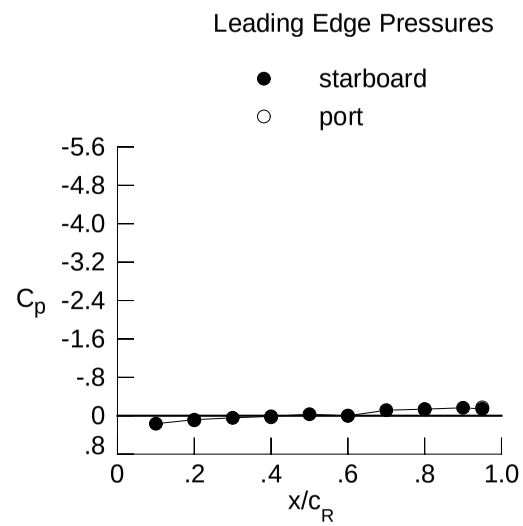
Small Radius L.E.

Run No. = 35 , Point No. = 687

C_N = 0.088, C_m = -0.0220

α = 2.1 °, M_∞ = 0.851

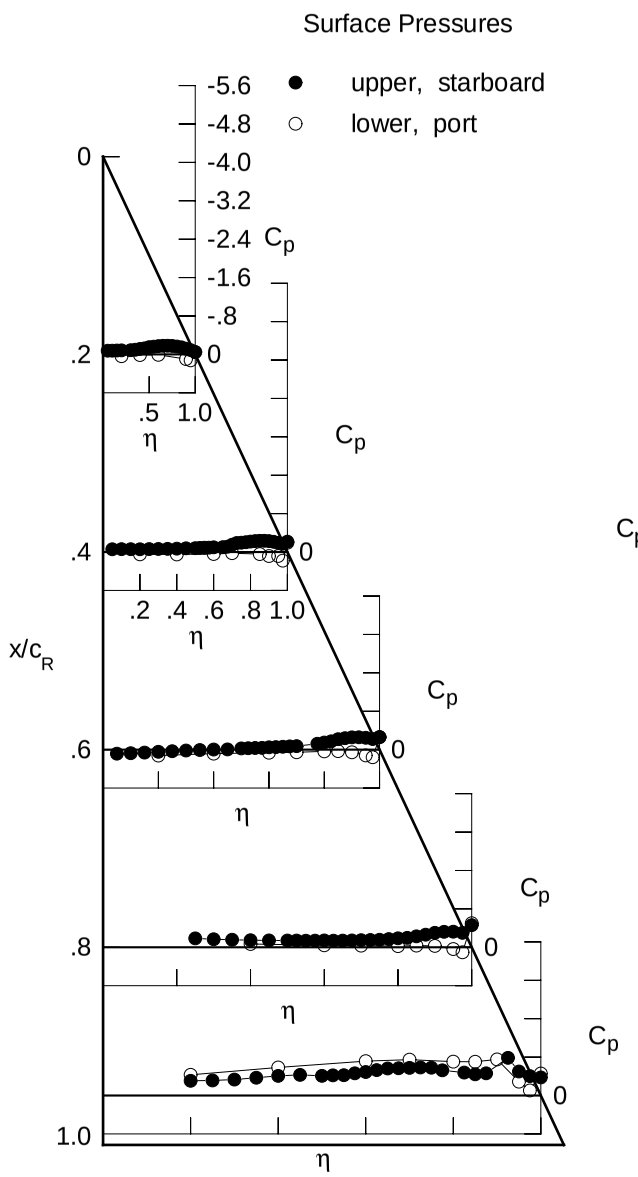
$R_{mac} = 11.8 \times 10^6$



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0767	-0.0576	0.0839	*******	*******
0.100	-0.0773	-0.0597	0.0745	*******	*******
0.150	-0.0809	-0.0593	0.0620	*******	*******
0.200	-0.0839	-0.0573	0.0451	*******	-0.3067
0.250	*******	-0.0615	0.0326	-0.1857	-0.3137
0.300	-0.0871	-0.0641	0.0188	-0.1670	-0.3323
0.350	-0.0966	-0.0662	0.0079	-0.1577	-0.3703
0.400	-0.1126	-0.0706	-0.0020	-0.1471	-0.4092
0.450	-0.1259	-0.0775	-0.0049	-0.1429	-0.4296
0.500	-0.1503	-0.0800	-0.0255	-0.1407	-0.4100
0.525	*******	-0.0860	-0.0294	-0.1400	-0.4198
0.550	-0.1610	-0.0904	-0.0343	-0.1364	-0.4228
0.575	*******	-0.0916	-0.0370	-0.1381	-0.4621
0.600	-0.1723	-0.0987	-0.0486	-0.1426	-0.4896
0.625	*******	*******	-0.0527	-0.1378	-0.5293
0.650	-0.1788	-0.1014	-0.0598	-0.1390	-0.5633
0.675	*******	-0.1109	-0.0677	-0.1428	-0.5681
0.700	-0.1799	-0.1528	-0.0729	-0.1476	-0.5757
0.725	*******	-0.1879	*******	-0.1524	-0.5842
0.750	-0.1762	-0.1943	*******	-0.1570	-0.5789
0.775	*******	-0.2046	-0.1226	-0.1711	-0.5249
0.800	-0.1637	-0.2173	-0.1480	-0.1874	*******
0.825	*******	-0.2280	-0.1740	-0.1970	-0.4778
0.850	-0.1473	-0.2336	-0.2180	-0.2279	-0.4413
0.875	*******	-0.2347	-0.2388	-0.2623	-0.4624
0.900	-0.1183	-0.2277	-0.2557	-0.3013	*******
0.925	*******	-0.2135	-0.2575	-0.3221	-0.7847
0.950	-0.0898	-0.1913	-0.2470	-0.3251	-0.5000
0.975	*******	-0.1736	-0.2212	-0.3007	-0.4042
1.000	-0.0505	-0.2162	-0.2633	-0.4605	-0.3772
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0379	0.0476	0.1234	*******	-0.4309
-0.400	0.0133	0.0505	0.0830	-0.0685	-0.5843
-0.600	0.0091	0.0412	0.0640	-0.0417	-0.7164
-0.700	*******	0.0242	0.0547	-0.0348	-0.7469
-0.800	*******	*******	0.0357	-0.0238	-0.7053
-0.850	*******	0.0428	0.0314	-0.0353	-0.7035
-0.900	0.0971	0.0835	0.0550	-0.0291	-0.7521
-0.950	0.1238	0.0827	0.1196	0.0365	-0.2888
-0.975	*******	0.1790	0.1587	0.1041	-0.1057
-1.000	-0.0463	-0.1943	-0.2582	-0.5020	-0.4581



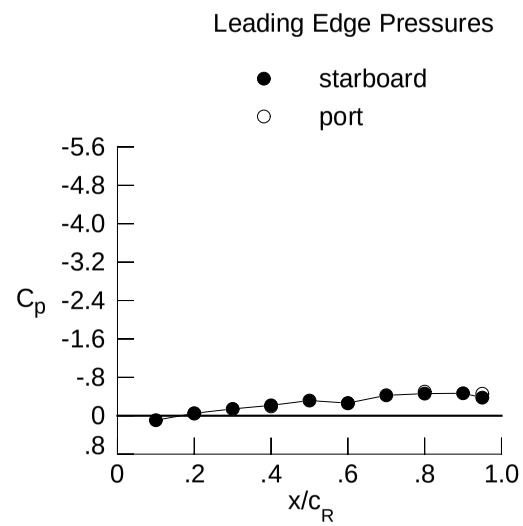
Small Radius L.E.

Run No. = 35 , Point No. = 688

C_N = 0.128, C_m = -0.0278

α = 3.2 °, M_∞ = 0.851

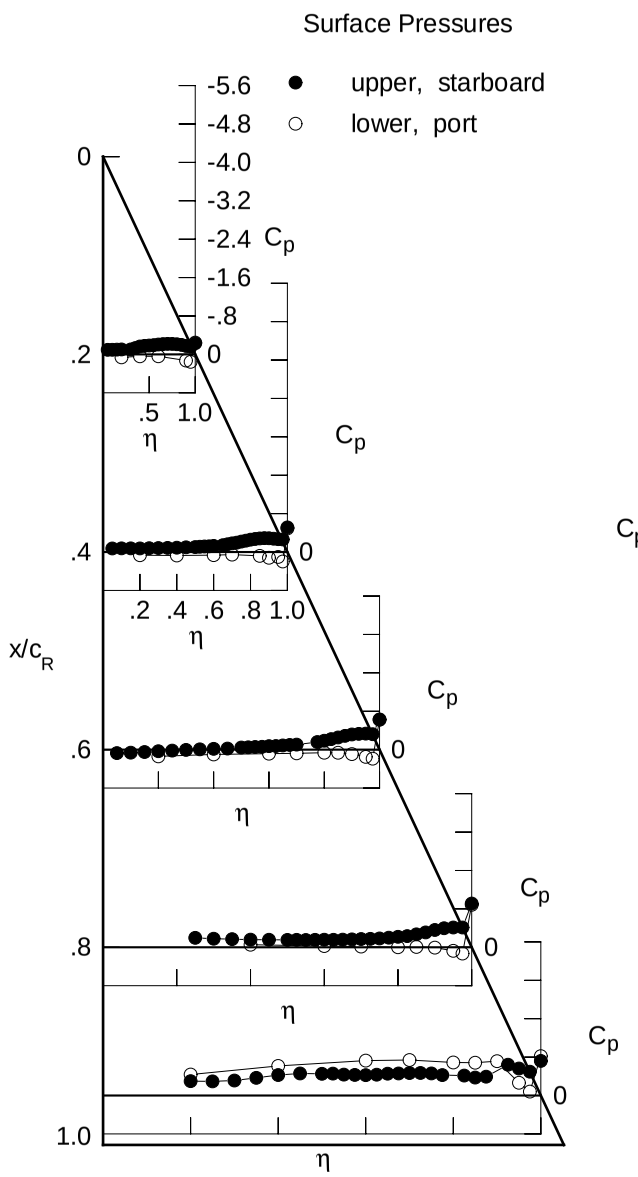
R_{mac} = 11.8×10^6



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0949	-0.0747	0.0716	*******	*******
0.100	-0.0958	-0.0771	0.0630	*******	*******
0.150	-0.0993	-0.0769	0.0495	*******	*******
0.200	-0.1029	-0.0751	0.0327	*******	-0.2989
0.250	*******	-0.0798	0.0200	-0.1970	-0.2947
0.300	-0.1028	-0.0831	0.0056	-0.1783	-0.3123
0.350	-0.1320	-0.0862	-0.0063	-0.1699	-0.3678
0.400	-0.1647	-0.0904	-0.0167	-0.1588	-0.4264
0.450	-0.1777	-0.0984	-0.0221	-0.1568	-0.4591
0.500	-0.1850	-0.1034	-0.0443	-0.1538	-0.4519
0.525	*******	-0.1108	-0.0489	-0.1549	-0.4556
0.550	-0.1924	-0.1163	-0.0552	-0.1522	-0.4353
0.575	*******	-0.1195	-0.0591	-0.1550	-0.4284
0.600	-0.2053	-0.1281	-0.0725	-0.1577	-0.4241
0.625	*******	*******	-0.0753	-0.1562	-0.4337
0.650	-0.2145	-0.1422	-0.0871	-0.1591	-0.4541
0.675	*******	-0.1619	-0.0974	-0.1645	-0.4592
0.700	-0.2192	-0.1805	-0.1044	-0.1717	-0.4684
0.725	*******	-0.1953	*******	-0.1763	-0.4700
0.750	-0.2185	-0.2174	*******	-0.1841	-0.4600
0.775	*******	-0.2369	-0.1581	-0.1997	-0.4258
0.800	-0.2112	-0.2574	-0.1857	-0.2185	*******
0.825	*******	-0.2722	-0.2194	-0.2326	-0.4151
0.850	-0.1986	-0.2835	-0.2533	-0.2696	-0.3736
0.875	*******	-0.2895	-0.2875	-0.3095	-0.3918
0.900	-0.1758	-0.2873	-0.3161	-0.3609	*******
0.925	*******	-0.2774	-0.3290	-0.3967	-0.6417
0.950	-0.1587	-0.2683	-0.3334	-0.4116	-0.5621
0.975	*******	-0.2622	-0.3215	-0.4118	-0.4964
1.000	-0.2322	-0.5131	-0.6285	-0.9109	-0.7206
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0613	0.0665	0.1397	*******	-0.4366
-0.400	0.0404	0.0720	0.0999	-0.0539	-0.6160
-0.600	0.0392	0.0649	0.0838	-0.0259	-0.7273
-0.700	*******	0.0534	0.0766	-0.0149	-0.7396
-0.800	*******	*******	0.0639	-0.0006	-0.6883
-0.850	*******	0.0798	0.0649	-0.0069	-0.6830
-0.900	0.1278	0.1190	0.0927	0.0069	-0.7155
-0.950	0.1553	0.1024	0.1503	0.0734	-0.2657
-0.975	*******	0.1967	0.1880	0.1306	-0.0816
-1.000	-0.2455	-0.4910	-0.6230	-0.8848	-0.8201



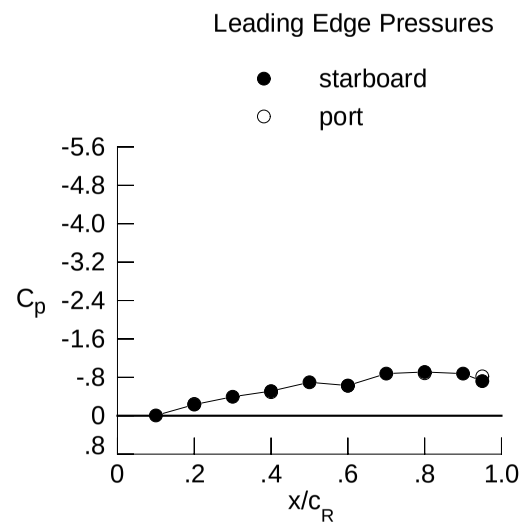
Small Radius L.E.

Run No. = 35 , Point No. = 689

C_N = 0.170, C_m = -0.0343

α = 4.2 °, M_∞ = 0.850

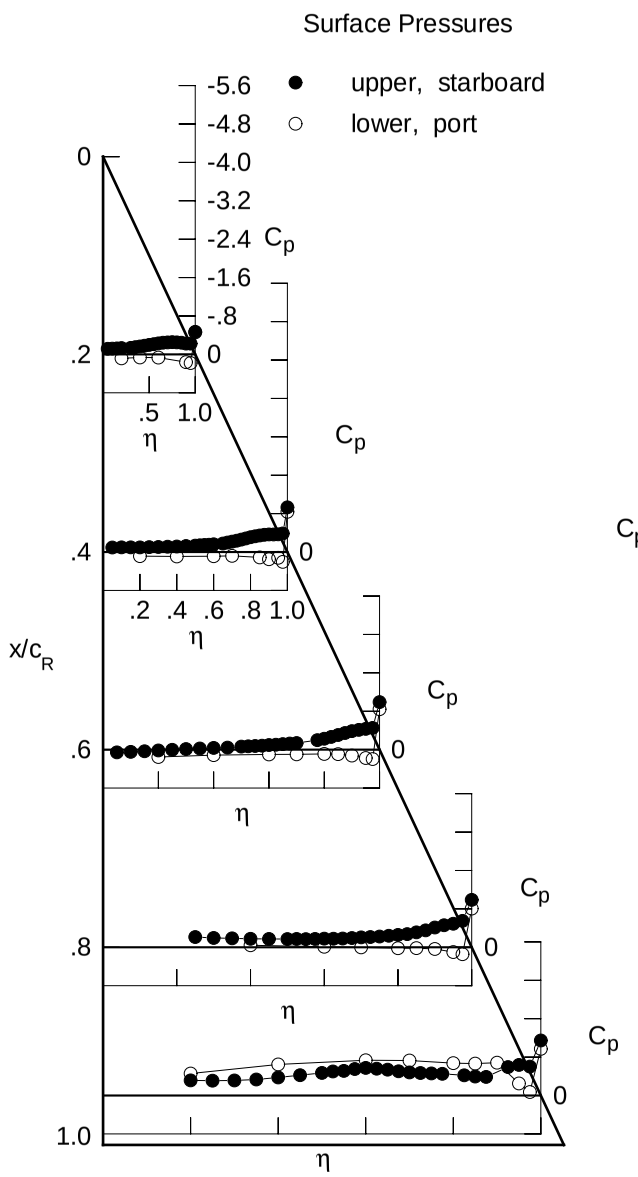
R_{mac} = 11.8×10^6



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

Table C2. Continued.

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



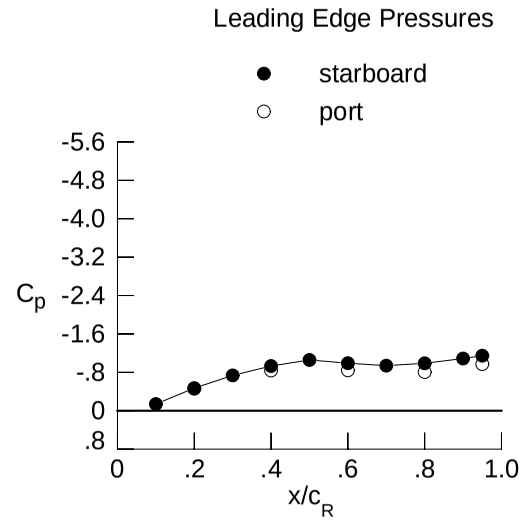
Small Radius L.E.

Run No. = 35 , Point No. = 690

C_N = 0.217, C_m = -0.0435

α = 5.3 °, M_∞ = 0.851

R_{mac} = 11.8×10^6

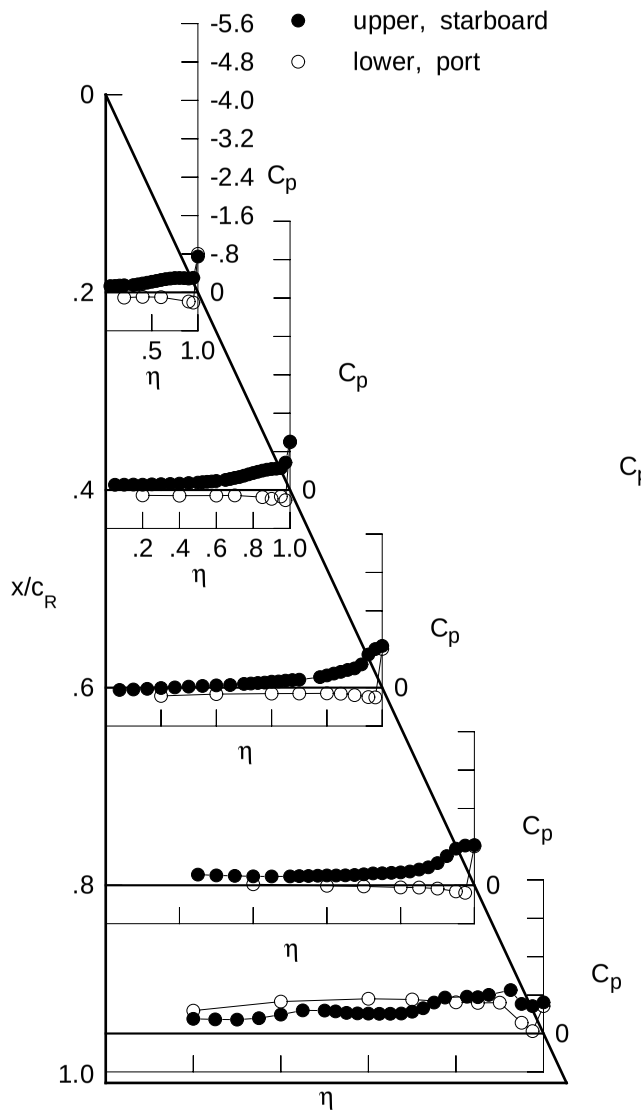


x/c_R	starb'd C_p	port C_p
0.10	-0.1394	*******
0.20	-0.4705	-0.4582
0.30	-0.7358	*******
0.40	-0.9314	-0.8380
0.50	-1.0577	*******
0.60	-0.9908	-0.8421
0.70	-0.9391	*******
0.80	-0.9882	-0.8066
0.90	-1.0876	*******
0.95	-1.1464	-0.9721

Table C2. Continued.

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

Surface Pressures



Small Radius L.E.

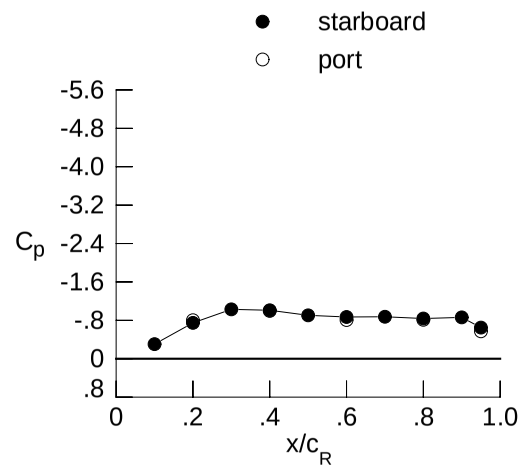
Run No. = 35 , Point No. = 691

C_N = 0.268, C_m = -0.0544

α = 6.3 °, M_∞ = 0.851

R_{mac} = 11.8×10^6

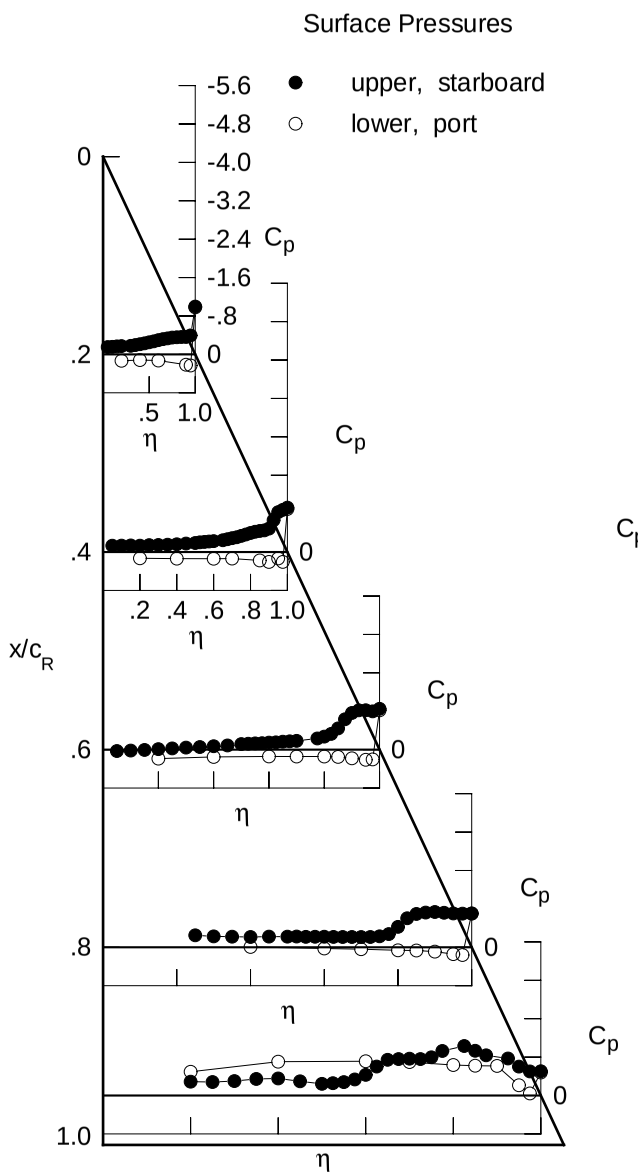
Leading Edge Pressures



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

Table C2. Continued.

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



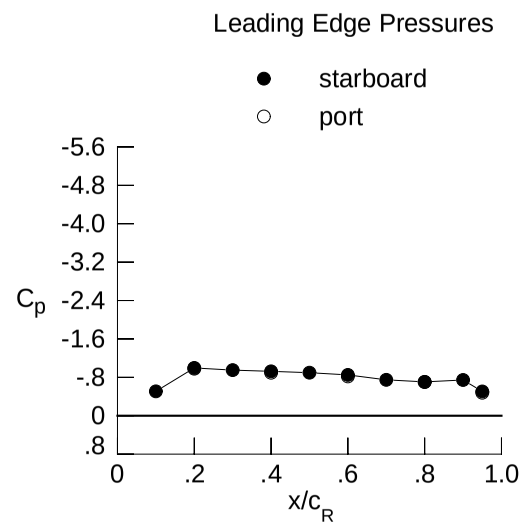
Small Radius L.E.

Run No. = 35 , Point No. = 692

C_N = 0.332, C_m = -0.0707

α = 7.3 °, M_∞ = 0.851

R_{mac} = 11.8×10^6

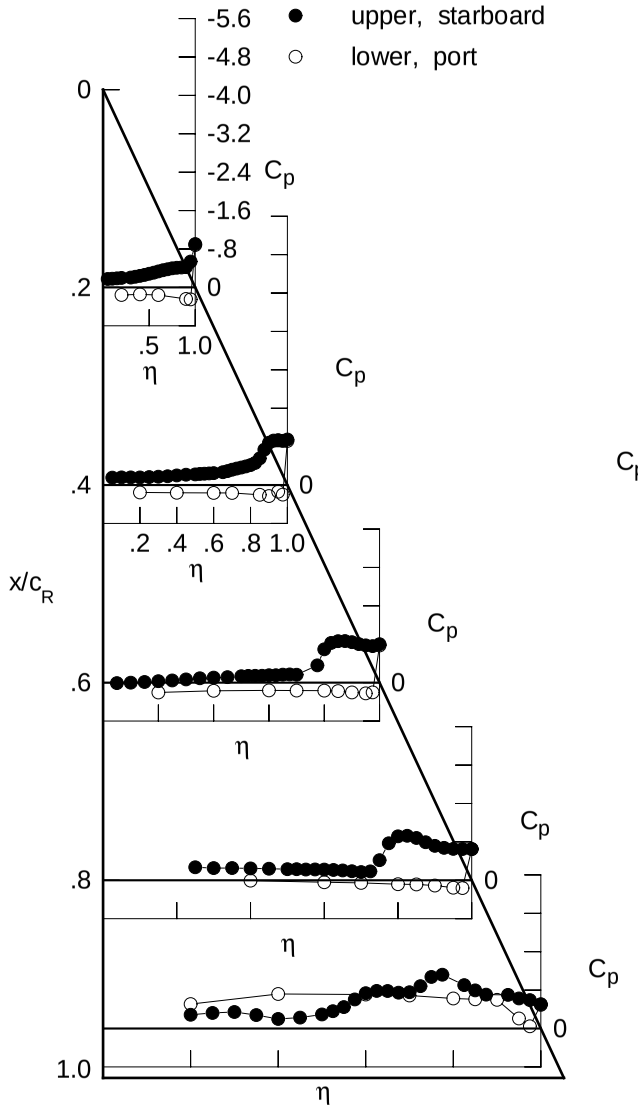


x/c_R	starb'd C_p	port C_p
0.10	-0.5079	*******
0.20	-0.9957	-0.9801
0.30	-0.9504	*******
0.40	-0.9250	-0.8964
0.50	-0.8965	*******
0.60	-0.8506	-0.8190
0.70	-0.7478	*******
0.80	-0.7052	-0.7015
0.90	-0.7445	*******
0.95	-0.5060	-0.4793

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1751	-0.1543	0.0095	*******	*******
0.100	-0.1811	-0.1593	0.0004	*******	*******
0.150	-0.1888	-0.1594	-0.0136	*******	*******
0.200	-0.1980	-0.1581	-0.0300	*******	-0.2867
0.250	*******	-0.1667	-0.0454	-0.2710	-0.3244
0.300	-0.2046	-0.1735	-0.0674	-0.2540	-0.3443
0.350	-0.2213	-0.1831	-0.0913	-0.2550	-0.2796
0.400	-0.2399	-0.1997	-0.1050	-0.2474	-0.1993
0.450	-0.2599	-0.2151	-0.1144	-0.2411	-0.2274
0.500	-0.2844	-0.2217	-0.1339	-0.2311	-0.2924
0.525	*******	-0.2311	-0.1407	-0.2310	-0.3610
0.550	-0.3063	-0.2357	-0.1423	-0.2242	-0.4463
0.575	*******	-0.2414	-0.1434	-0.2252	-0.6055
0.600	-0.3331	-0.2480	-0.1546	-0.2235	-0.7361
0.625	*******	*******	-0.1542	-0.2149	-0.7832
0.650	-0.3574	-0.2671	-0.1662	-0.2047	-0.7815
0.675	*******	-0.2902	-0.1709	-0.1885	-0.7460
0.700	-0.3776	-0.3189	-0.1645	-0.1712	-0.7562
0.725	*******	-0.3434	*******	-0.1855	-0.8826
0.750	-0.3975	-0.3645	*******	-0.4195	-1.0742
0.775	*******	-0.3879	-0.3599	-0.7708	-1.1209
0.800	-0.4090	-0.4163	-0.6945	-0.9162	*******
0.825	*******	-0.4596	-0.8275	-0.9275	-0.9039
0.850	-0.4146	-0.5559	-0.8643	-0.8819	-0.7944
0.875	*******	-0.7374	-0.8668	-0.7930	-0.7056
0.900	-0.4215	-0.8817	-0.8428	-0.7178	*******
0.925	*******	-0.9260	-0.8028	-0.6763	-0.7008
0.950	-0.5385	-0.9360	-0.7768	-0.6547	-0.6268
0.975	*******	-0.9206	-0.7607	-0.6513	-0.5918
1.000	-0.9030	-0.9482	-0.8005	-0.6532	-0.5070
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1577	0.1541	0.2046	*******	-0.5085
-0.400	0.1456	0.1610	0.1698	0.0076	-0.7193
-0.600	0.1591	0.1643	0.1613	0.0406	-0.7080
-0.700	*******	0.1644	0.1649	0.0541	-0.6882
-0.800	*******	*******	0.1667	0.0818	-0.6253
-0.850	*******	0.2034	0.1757	0.0865	-0.6089
-0.900	0.2404	0.2292	0.2037	0.1094	-0.5973
-0.950	0.2499	0.1386	0.2232	0.1540	-0.2088
-0.975	*******	0.1988	0.2021	0.1613	-0.0465
-1.000	-0.8824	-0.9176	-0.7741	-0.6482	-0.4931

Surface Pressures



Small Radius L.E.

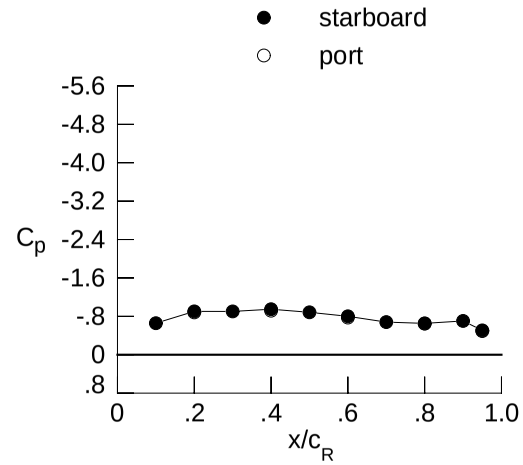
Run No. = 35 , Point No. = 693

C_N = 0.388, C_m = -0.0797

α = 8.4 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

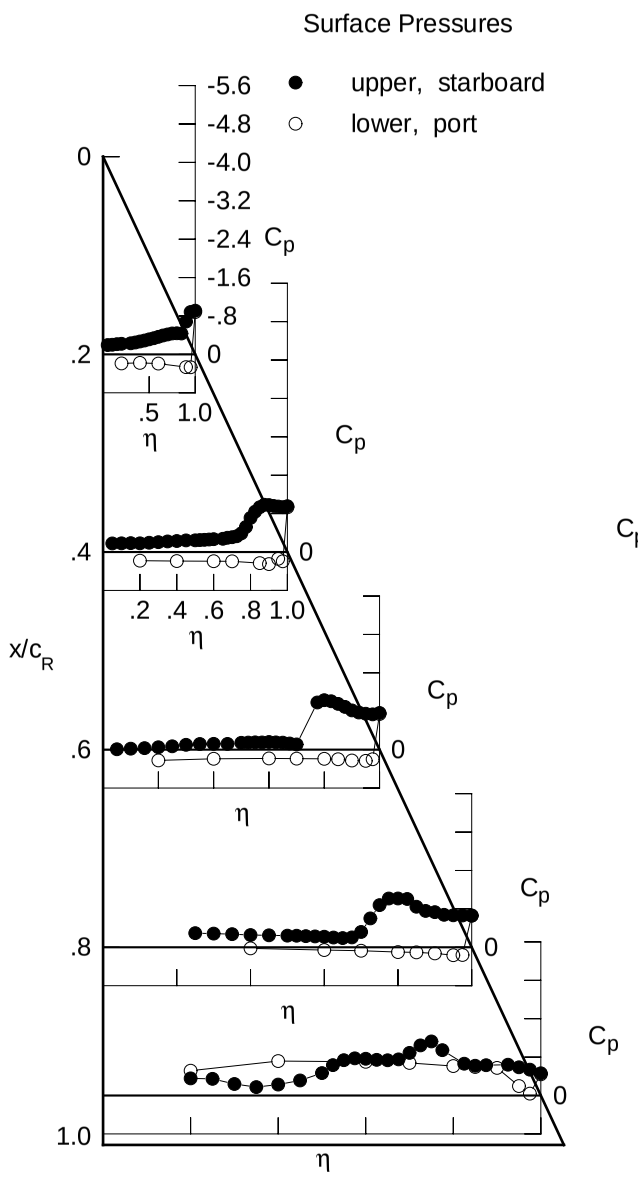
Leading Edge Pressures



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

Table C2. Continued.

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



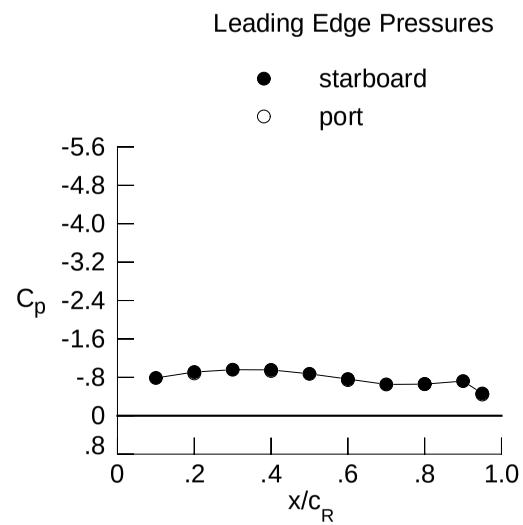
Small Radius L.E.

Run No. = 35 , Point No. = 694

C_N = 0.445, C_m = -0.0880

α = 9.5 °, M_∞ = 0.851

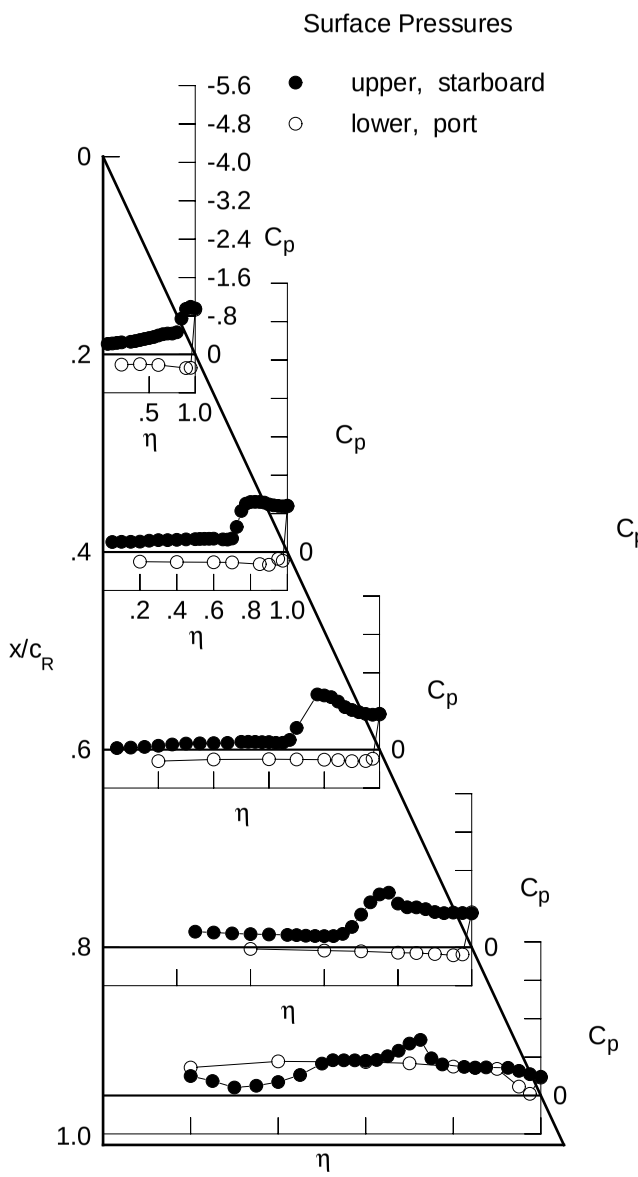
R_{mac} = 11.7×10^6



x/c_R	starb'd Cp	port Cp
0.10	-0.7868	*******
0.20	-0.9104	-0.8814
0.30	-0.9589	*******
0.40	-0.9553	-0.9318
0.50	-0.8730	*******
0.60	-0.7637	-0.7426
0.70	-0.6520	*******
0.80	-0.6578	-0.6621
0.90	-0.7219	*******
0.95	-0.4630	-0.4419

Table C2. Continued.

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



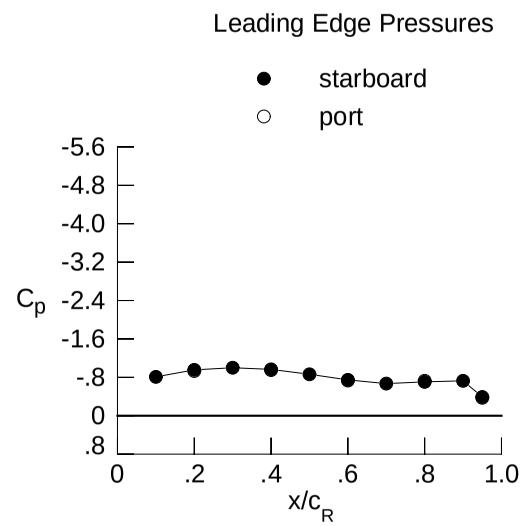
Small Radius L.E.

Run No. = 35 , Point No. = 695

C_N = 0.500, C_m = -0.0961

α = 10.5 °, M_∞ = 0.853

R_{mac} = 11.7×10^6

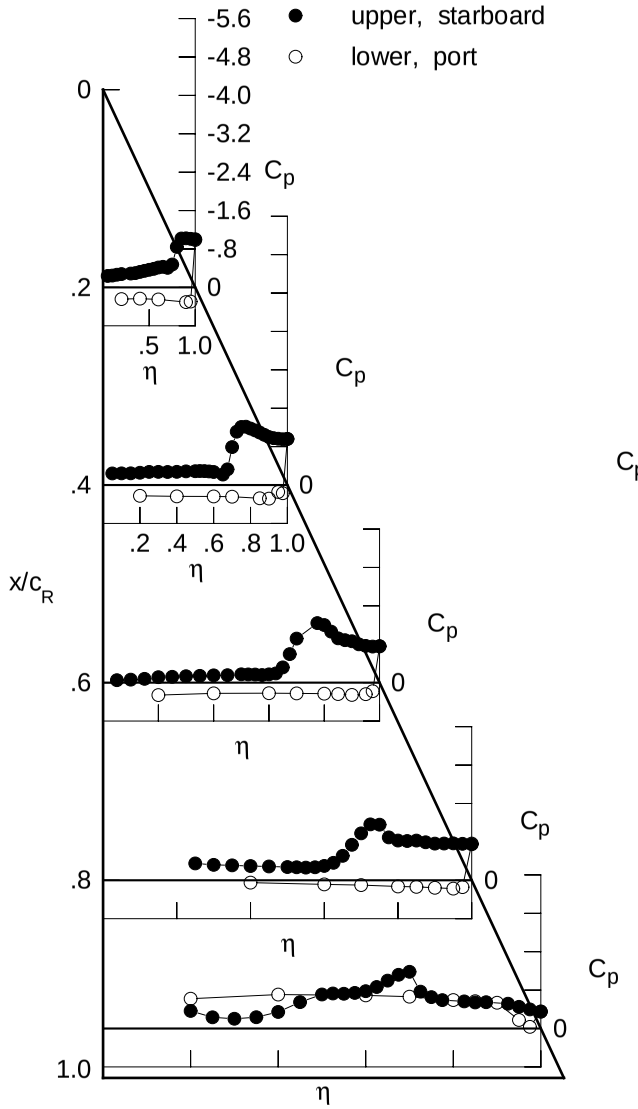


x/c_R	starb'd C_p	port C_p
0.10	-0.8096	*******
0.20	-0.9554	-0.9311
0.30	-0.9999	*******
0.40	-0.9652	-0.9511
0.50	-0.8636	*******
0.60	-0.7469	-0.7328
0.70	-0.6693	*******
0.80	-0.7056	-0.7277
0.90	-0.7274	*******
0.95	-0.3908	-0.3740

Table C2. Continued.

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

Surface Pressures



Small Radius L.E.

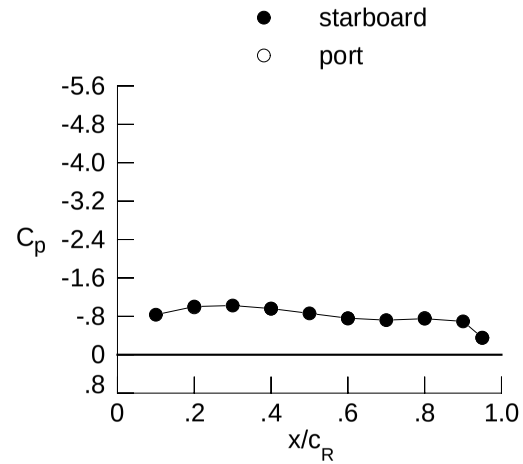
Run No. = 35 , Point No. = 696

C_N = 0.551, C_m = -0.1010

α = 11.5 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

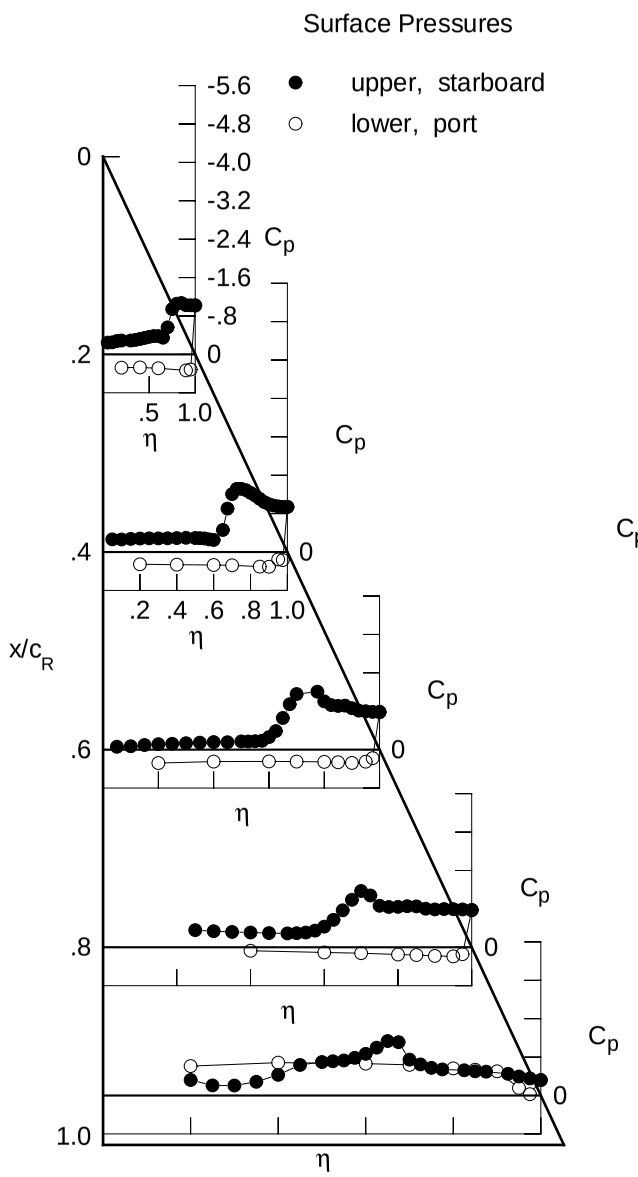
Leading Edge Pressures



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2454	-0.2639	-0.0596	*******	*******
0.100	-0.2509	-0.2615	-0.0706	*******	*******
0.150	-0.2787	-0.2739	-0.0961	*******	*******
0.200	-0.2888	-0.2805	-0.1135	*******	-0.3230
0.250	*******	-0.2844	-0.1214	-0.3564	-0.2104
0.300	-0.2888	-0.2843	-0.1334	-0.3352	-0.2079
0.350	-0.3011	-0.2863	-0.1455	-0.3202	-0.2857
0.400	-0.3204	-0.2910	-0.1578	-0.3070	-0.4302
0.450	-0.3425	-0.2968	-0.1542	-0.2960	-0.6366
0.500	-0.3648	-0.2917	-0.1710	-0.2891	-0.6974
0.525	*******	-0.2889	-0.1705	-0.2938	-0.7137
0.550	-0.3825	-0.2828	-0.1757	-0.3074	-0.7295
0.575	*******	-0.2638	-0.1848	-0.3475	-0.7851
0.600	-0.3809	-0.2508	-0.2611	-0.4300	-0.8683
0.625	*******	*******	-0.3875	-0.5720	-0.9968
0.650	-0.3472	-0.4600	-0.6589	-0.7703	-1.1345
0.675	*******	-0.9045	-0.9461	-0.9899	-1.1113
0.700	-0.5628	-1.2067	-1.1586	-1.1731	-0.7469
0.725	*******	-1.3149	*******	-1.0791	-0.6476
0.750	-0.9429	-1.3167	*******	-0.8649	-0.5766
0.775	*******	-1.2889	-1.2072	-0.8404	-0.5429
0.800	-1.0560	-1.2332	-1.0061	-0.8427	*******
0.825	*******	-1.1776	-0.9280	-0.8559	-0.5258
0.850	-1.0707	-1.1070	-0.9105	-0.8519	-0.5037
0.875	*******	-1.0398	-0.9178	-0.8036	-0.4965
0.900	-1.0246	-0.9953	-0.8630	-0.7886	*******
0.925	*******	-0.9687	-0.8126	-0.7971	-0.4520
0.950	-1.0221	-0.9512	-0.8003	-0.7954	-0.3963
0.975	*******	-0.9395	-0.7866	-0.7881	-0.3560
1.000	-1.0148	-0.9416	-0.7884	-0.7796	-0.3212
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2768	0.2551	0.2794	*******	-0.6126
-0.400	0.2716	0.2634	0.2486	0.0718	-0.6847
-0.600	0.2890	0.2702	0.2454	0.1078	-0.6643
-0.700	*******	0.2767	0.2486	0.1235	-0.6383
-0.800	*******	*******	0.2549	0.1505	-0.5645
-0.850	*******	0.3040	0.2633	0.1613	-0.5379
-0.900	0.3332	0.3067	0.2770	0.1799	-0.5044
-0.950	0.3155	0.1538	0.2501	0.1898	-0.1579
-0.975	*******	0.1670	0.1766	0.1430	-0.0272
-1.000	-1.0244	-0.9380	-0.7777	-0.7699	-0.3223



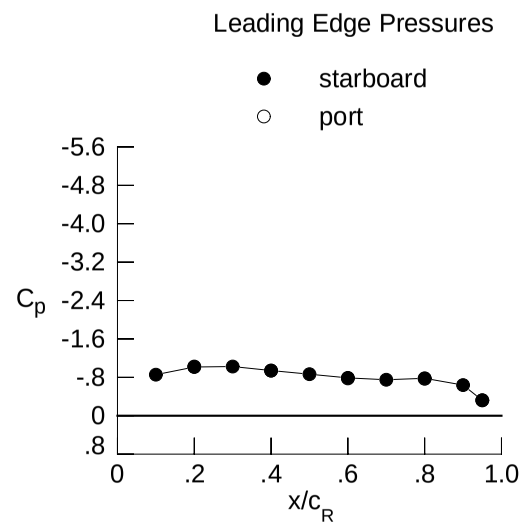
Small Radius L.E.

Run No. = 35 , Point No. = 697

C_N = 0.604, C_m = -0.1067

α = 12.6 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

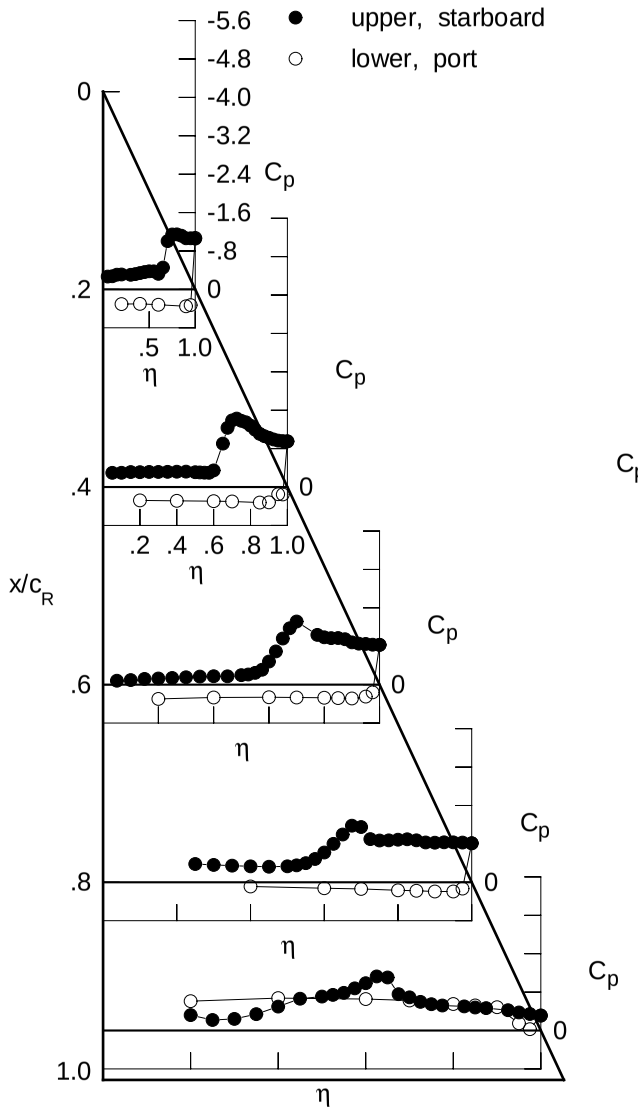


x/c_R	starb'd C_p	port C_p
0.10	-0.8552	*******
0.20	-1.0148	-1.0244
0.30	-1.0250	*******
0.40	-0.9416	-0.9380
0.50	-0.8654	*******
0.60	-0.7884	-0.7777
0.70	-0.7498	*******
0.80	-0.7796	-0.7699
0.90	-0.6385	*******
0.95	-0.3212	-0.3223

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2670	-0.2962	-0.0815	*******	*******
0.100	-0.2740	-0.2969	-0.0951	*******	*******
0.150	-0.3063	-0.3124	-0.1192	*******	*******
0.200	-0.3106	-0.3096	-0.1283	*******	-0.3205
0.250	*******	-0.3140	-0.1393	-0.3809	-0.2188
0.300	-0.3042	-0.3143	-0.1532	-0.3619	-0.2416
0.350	-0.3185	-0.3165	-0.1681	-0.3462	-0.3407
0.400	-0.3400	-0.3195	-0.1752	-0.3323	-0.4982
0.450	-0.3611	-0.3208	-0.1738	-0.3239	-0.6626
0.500	-0.3772	-0.3091	-0.1974	-0.3325	-0.7072
0.525	*******	-0.3037	-0.2111	-0.3530	-0.7427
0.550	-0.3763	-0.2990	-0.2459	-0.3984	-0.7850
0.575	*******	-0.2971	-0.3101	-0.4858	-0.8788
0.600	-0.3240	-0.3464	-0.4812	-0.6198	-0.9852
0.625	*******	*******	-0.6922	-0.8010	-1.1264
0.650	-0.4547	-0.9048	-0.9608	-0.9954	-1.1049
0.675	*******	-1.2332	-1.1743	-1.1788	-0.7570
0.700	-1.0056	-1.3881	-1.3148	-1.1516	-0.6910
0.725	*******	-1.4267	*******	-0.8992	-0.5969
0.750	-1.1444	-1.3800	*******	-0.8702	-0.5481
0.775	*******	-1.3488	-1.0367	-0.8735	-0.5205
0.800	-1.1461	-1.2795	-0.9868	-0.8871	*******
0.825	*******	-1.1945	-0.9688	-0.8961	-0.5023
0.850	-1.1187	-1.1081	-0.9713	-0.8742	-0.4791
0.875	*******	-1.0600	-0.9465	-0.8293	-0.4667
0.900	-1.0647	-1.0257	-0.8809	-0.8248	*******
0.925	*******	-0.9911	-0.8539	-0.8328	-0.4231
0.950	-1.0650	-0.9672	-0.8483	-0.8318	-0.3761
0.975	*******	-0.9571	-0.8320	-0.8272	-0.3440
1.000	-1.0576	-0.9521	-0.8304	-0.8144	-0.3132
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3063	0.2786	0.2973	*******	-0.6116
-0.400	0.3012	0.2874	0.2676	0.0872	-0.6749
-0.600	0.3197	0.2947	0.2627	0.1238	-0.6554
-0.700	*******	0.3010	0.2676	0.1384	-0.6260
-0.800	*******	*******	0.2732	0.1670	-0.5522
-0.850	*******	0.3234	0.2802	0.1765	-0.5223
-0.900	0.3517	0.3193	0.2878	0.1921	-0.4853
-0.950	0.3269	0.1495	0.2487	0.1918	-0.1499
-0.975	*******	0.1540	0.1603	0.1312	-0.0282
-1.000	-1.0729	-0.9518	-0.8270	-0.8114	-0.3094

Surface Pressures



Small Radius L.E.

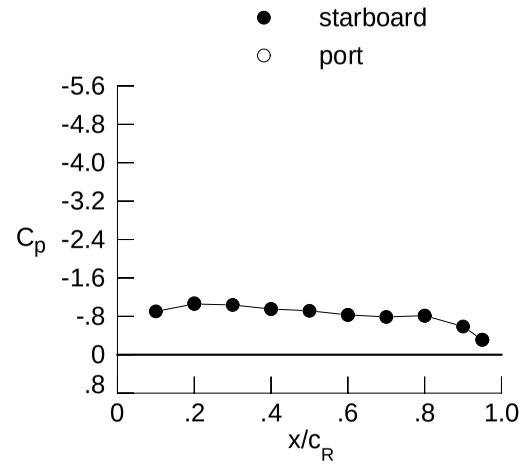
Run No. = 35 , Point No. = 698

C_N = 0.660, C_m = -0.1145

α = 13.7 °, M_∞ = 0.852

R_{mac} = 11.7×10^6

Leading Edge Pressures

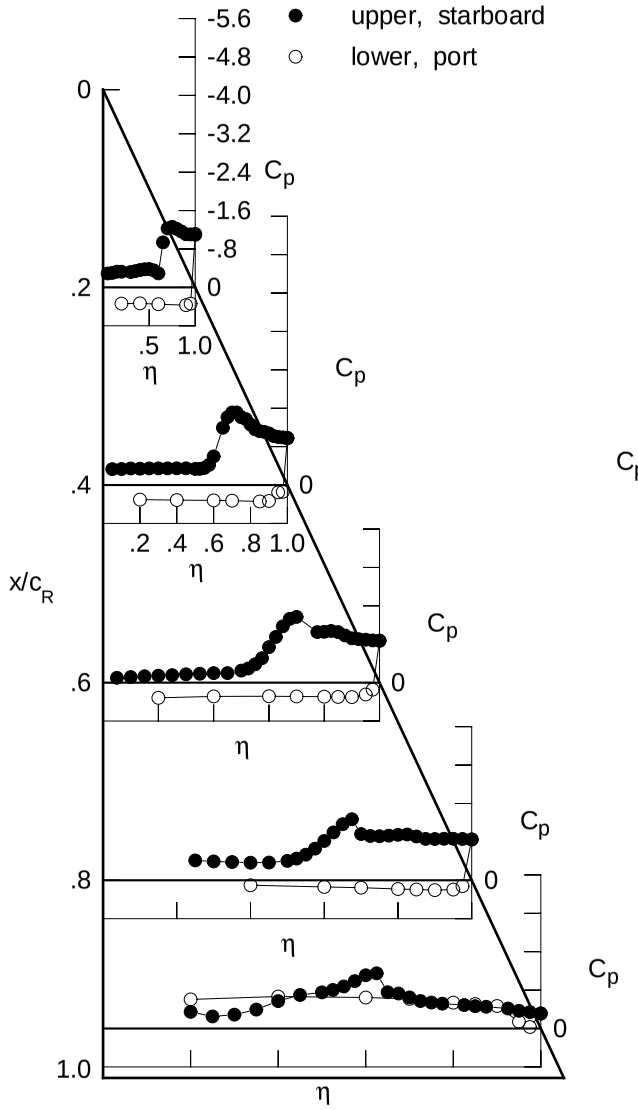


x/c_R	starb'd C_p	port C_p
0.10	-0.9029	*******
0.20	-1.0576	-1.0729
0.30	-1.0365	*******
0.40	-0.9521	-0.9518
0.50	-0.9155	*******
0.60	-0.8304	-0.8270
0.70	-0.7873	*******
0.80	-0.8144	-0.8114
0.90	-0.5882	*******
0.95	-0.3132	-0.3094

Table C2. Continued.

η	x/c_R .2 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	-0.2893	-0.3315	-0.1006	*******	*******
0.100	-0.3019	-0.3337	-0.1160	*******	*******
0.150	-0.3280	-0.3445	-0.1327	*******	*******
0.200	-0.3265	-0.3405	-0.1450	*******	-0.3471
0.250	*******	-0.3465	-0.1563	-0.4138	-0.2513
0.300	-0.3198	-0.3469	-0.1735	-0.3928	-0.2878
0.350	-0.3384	-0.3474	-0.1857	-0.3801	-0.3947
0.400	-0.3609	-0.3483	-0.1981	-0.3668	-0.5716
0.450	-0.3775	-0.3476	-0.1984	-0.3697	-0.6986
0.500	-0.3836	-0.3350	-0.2513	-0.4040	-0.7529
0.525	*******	-0.3377	-0.2945	-0.4521	-0.8032
0.550	-0.3546	-0.3570	-0.3816	-0.5336	-0.8759
0.575	*******	-0.4203	-0.5093	-0.6594	-0.9868
0.600	-0.2924	-0.5969	-0.7403	-0.8193	-1.1087
0.625	*******	*******	-0.9524	-0.9979	-1.1493
0.650	-0.9377	-1.1934	-1.1728	-1.1678	-0.7562
0.675	*******	-1.4120	-1.3283	-1.2716	-0.7287
0.700	-1.2286	-1.5113	-1.3700	-0.9629	-0.6482
0.725	*******	-1.5118	*******	-0.9230	-0.5728
0.750	-1.2613	-1.4121	*******	-0.9175	-0.5405
0.775	*******	-1.3733	-1.0527	-0.9302	-0.5178
0.800	-1.2181	-1.2591	-1.0595	-0.9478	*******
0.825	*******	-1.1611	-1.0768	-0.9533	-0.4887
0.850	-1.1646	-1.1217	-1.0528	-0.9128	-0.4655
0.875	*******	-1.1068	-0.9835	-0.8626	-0.4527
0.900	-1.1065	-1.0756	-0.9230	-0.8599	*******
0.925	*******	-1.0217	-0.9052	-0.8655	-0.4165
0.950	-1.1042	-1.0008	-0.8953	-0.8649	-0.3690
0.975	*******	-0.9927	-0.8803	-0.8611	-0.3418
1.000	-1.0959	-0.9844	-0.8714	-0.8504	-0.3157
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3374	0.3041	0.3165	*******	-0.6063
-0.400	0.3331	0.3138	0.2868	0.1029	-0.6668
-0.600	0.3503	0.3200	0.2835	0.1387	-0.6455
-0.700	*******	0.3258	0.2881	0.1543	-0.6182
-0.800	*******	*******	0.2928	0.1815	-0.5386
-0.850	*******	0.3426	0.2973	0.1919	-0.5095
-0.900	0.3707	0.3321	0.3009	0.2051	-0.4685
-0.950	0.3394	0.1510	0.2476	0.1936	-0.1442
-0.975	*******	0.1417	0.1453	0.1208	-0.0312
-1.000	-1.1141	-0.9714	-0.8758	-0.8516	-0.3093

Surface Pressures



Small Radius L.E.

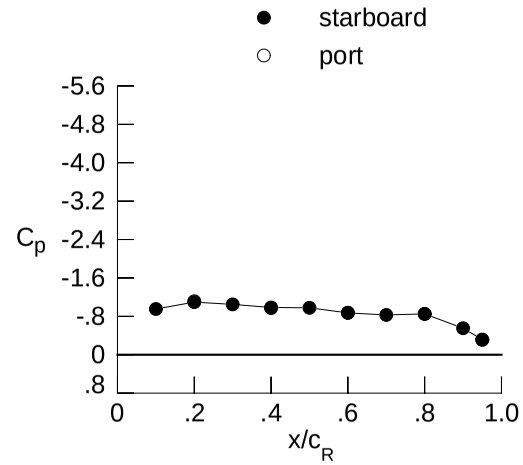
Run No. = 35 , Point No. = 699

C_N = 0.711, C_m = -0.1196

α = 14.7 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

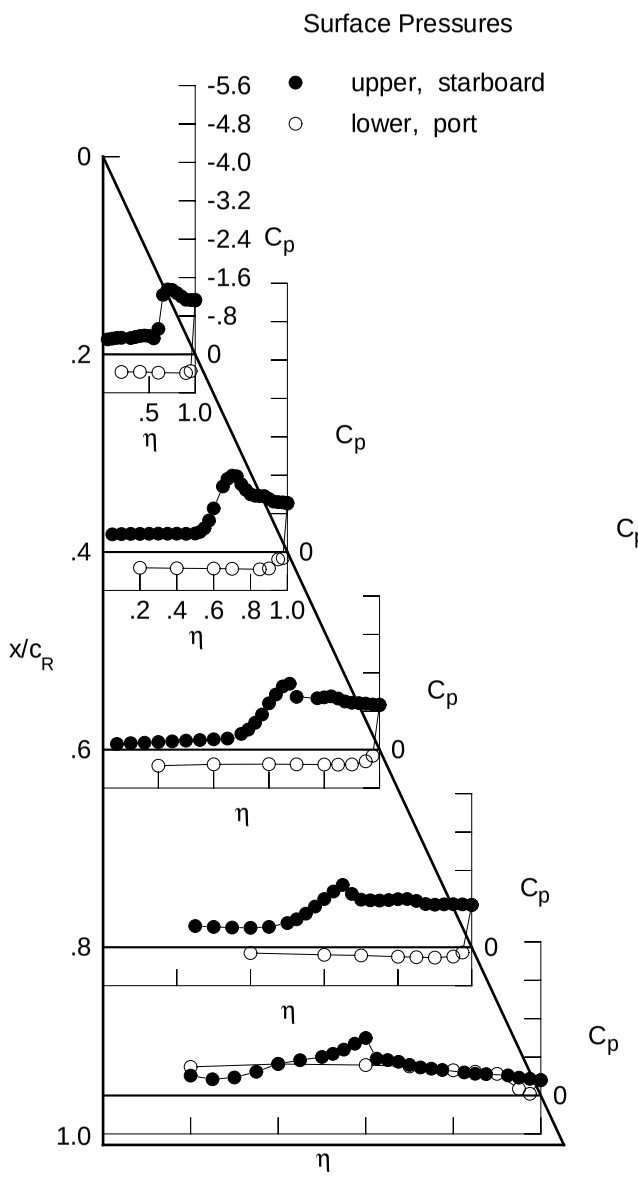
Leading Edge Pressures



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3118	-0.3677	-0.1174	*******	*******
0.100	-0.3289	-0.3736	-0.1342	*******	*******
0.150	-0.3440	-0.3787	-0.1441	*******	*******
0.200	-0.3467	-0.3772	-0.1592	*******	-0.4144
0.250	*******	-0.3806	-0.1722	-0.4427	-0.3384
0.300	-0.3399	-0.3826	-0.1882	-0.4237	-0.3754
0.350	-0.3615	-0.3815	-0.1997	-0.4113	-0.4940
0.400	-0.3825	-0.3828	-0.2149	-0.4060	-0.6609
0.450	-0.3925	-0.3800	-0.2312	-0.4250	-0.7351
0.500	-0.3831	-0.3864	-0.3276	-0.5040	-0.8034
0.525	*******	-0.4185	-0.4179	-0.5831	-0.8680
0.550	-0.3340	-0.4967	-0.5599	-0.7007	-0.9556
0.575	*******	-0.6569	-0.7318	-0.8476	-1.0791
0.600	-0.5298	-0.9091	-0.9645	-1.0057	-1.1981
0.625	*******	*******	-1.1480	-1.1620	-0.7680
0.650	-1.2406	-1.3655	-1.3167	-1.2993	-0.7383
0.675	*******	-1.5232	-1.3737	-1.1115	-0.7026
0.700	-1.3527	-1.5909	-1.0991	-0.9923	-0.6378
0.725	*******	-1.5784	*******	-0.9784	-0.5844
0.750	-1.3433	-1.4107	*******	-0.9739	-0.5582
0.775	*******	-1.2954	-1.0703	-0.9840	-0.5319
0.800	-1.2774	-1.2040	-1.0893	-1.0019	*******
0.825	*******	-1.1721	-1.1106	-1.0060	-0.4807
0.850	-1.2076	-1.1656	-1.0645	-0.9656	-0.4540
0.875	*******	-1.1651	-1.0033	-0.9006	-0.4458
0.900	-1.1395	-1.1062	-0.9765	-0.8871	*******
0.925	*******	-1.0519	-0.9698	-0.8942	-0.4190
0.950	-1.1323	-1.0403	-0.9593	-0.8974	-0.3717
0.975	*******	-1.0354	-0.9407	-0.8942	-0.3479
1.000	-1.1224	-1.0250	-0.9254	-0.8830	-0.3229
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3664	0.3281	0.3350	*******	-0.5963
-0.400	0.3637	0.3381	0.3063	0.1203	-0.6560
-0.600	0.3805	0.3438	0.3024	0.1567	-0.6344
-0.700	*******	0.3495	0.3061	0.1703	-0.6062
-0.800	*******	*******	0.3102	0.1963	-0.5257
-0.850	*******	0.3599	0.3125	0.2070	-0.4944
-0.900	0.3881	0.3415	0.3097	0.2155	-0.4511
-0.950	0.3491	0.1526	0.2432	0.1938	-0.1380
-0.975	*******	0.1261	0.1274	0.1090	-0.0356
-1.000	-1.1395	-1.0078	-0.9383	-0.8806	-0.3161



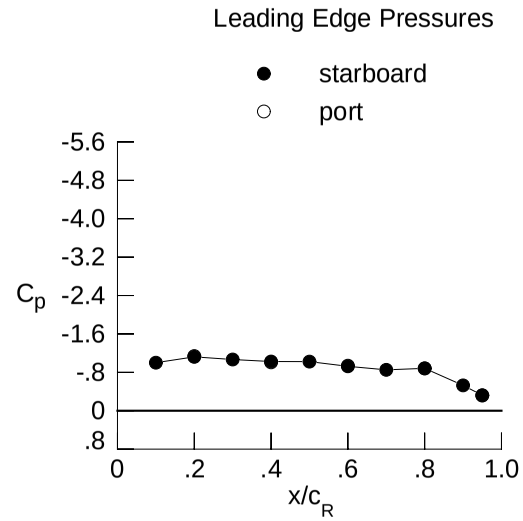
Small Radius L.E.

Run No. = 35 , Point No. = 700

C_N = 0.770, C_m = -0.1293

α = 15.7 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

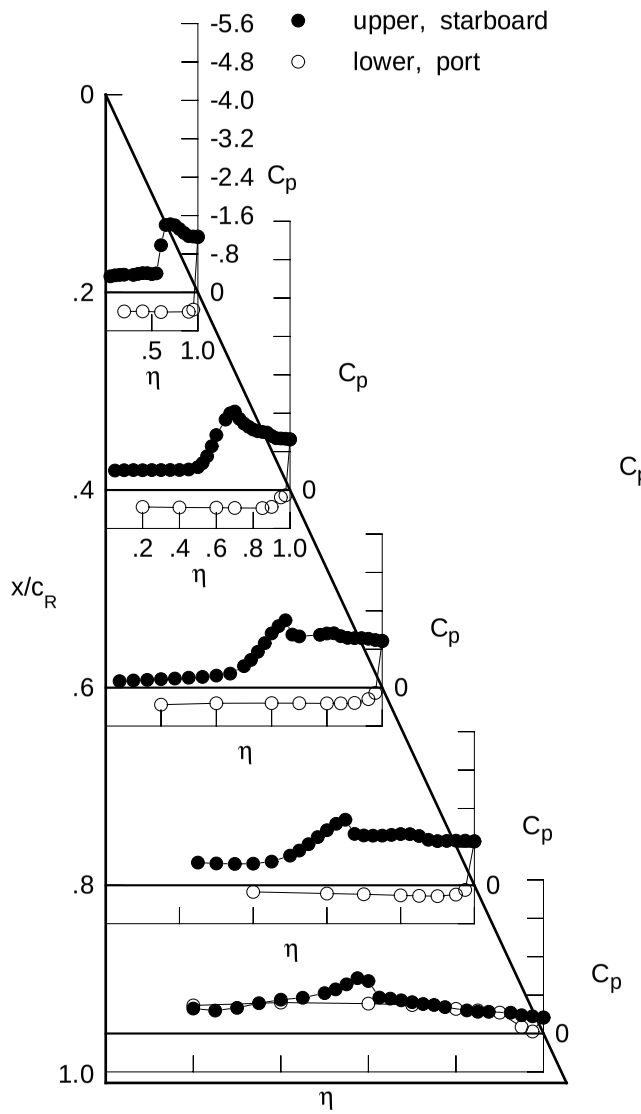


x/c_R	starb'd C_p	port C_p
0.10	-1.0007	*******
0.20	-1.1224	-1.1395
0.30	-1.0669	*******
0.40	-1.0250	-1.0078
0.50	-1.0231	*******
0.60	-0.9254	-0.9383
0.70	-0.8517	*******
0.80	-0.8830	-0.8806
0.90	-0.5281	*******
0.95	-0.3229	-0.3161

Table C2. Continued.

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

Surface Pressures



Small Radius L.E.

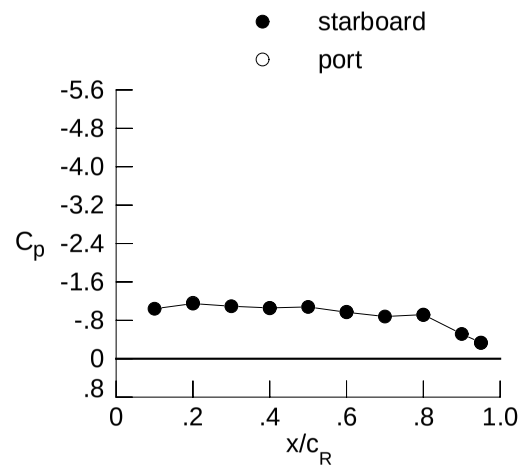
Run No. = 35 , Point No. = 701

C_N = 0.829, C_m = -0.1393

α = 16.8 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

Leading Edge Pressures

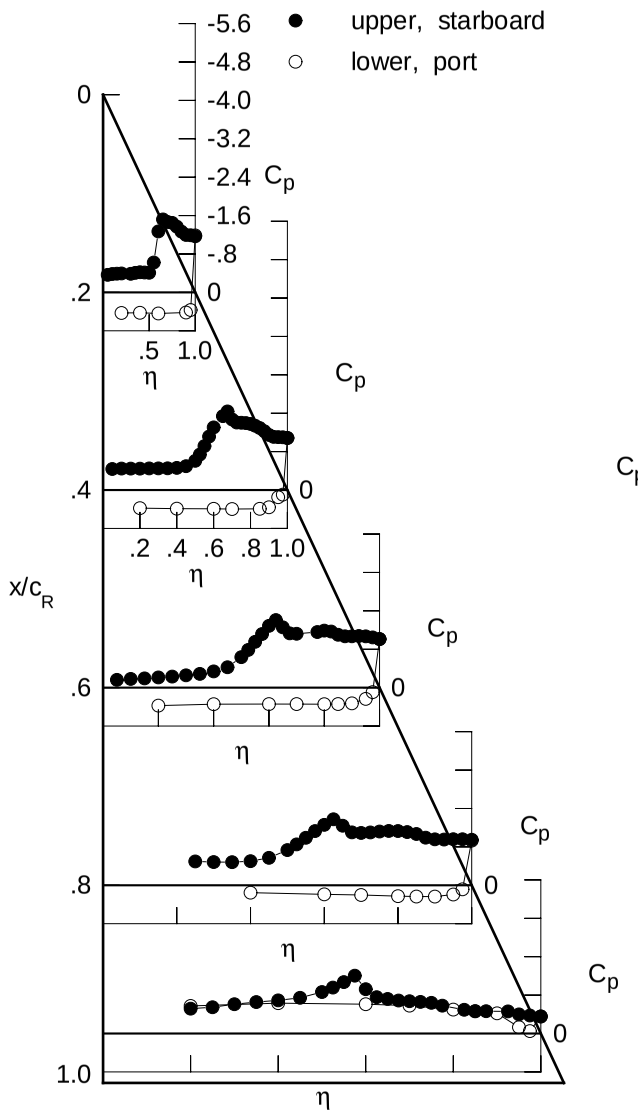


x/c_R	starb'd C_p	port C_p
0.10	-1.0413	*******
0.20	-1.1491	-1.1649
0.30	-1.0934	*******
0.40	-1.0588	-1.0512
0.50	-1.0793	*******
0.60	-0.9680	-0.9779
0.70	-0.8793	*******
0.80	-0.9189	-0.9106
0.90	-0.5162	*******
0.95	-0.3357	-0.3289

Table C2. Continued.

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

Surface Pressures



Small Radius L.E.

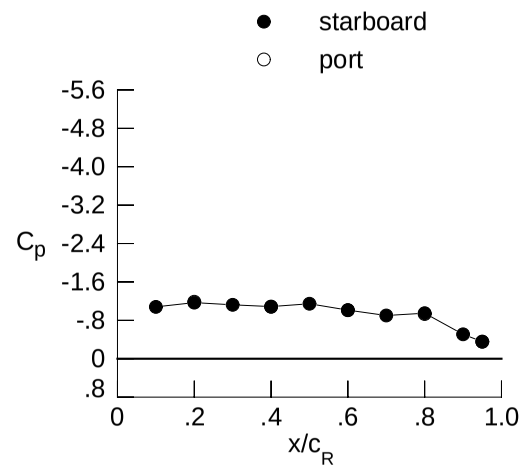
Run No. = 35 , Point No. = 702

C_N = 0.889, C_m = -0.1498

α = 17.8 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

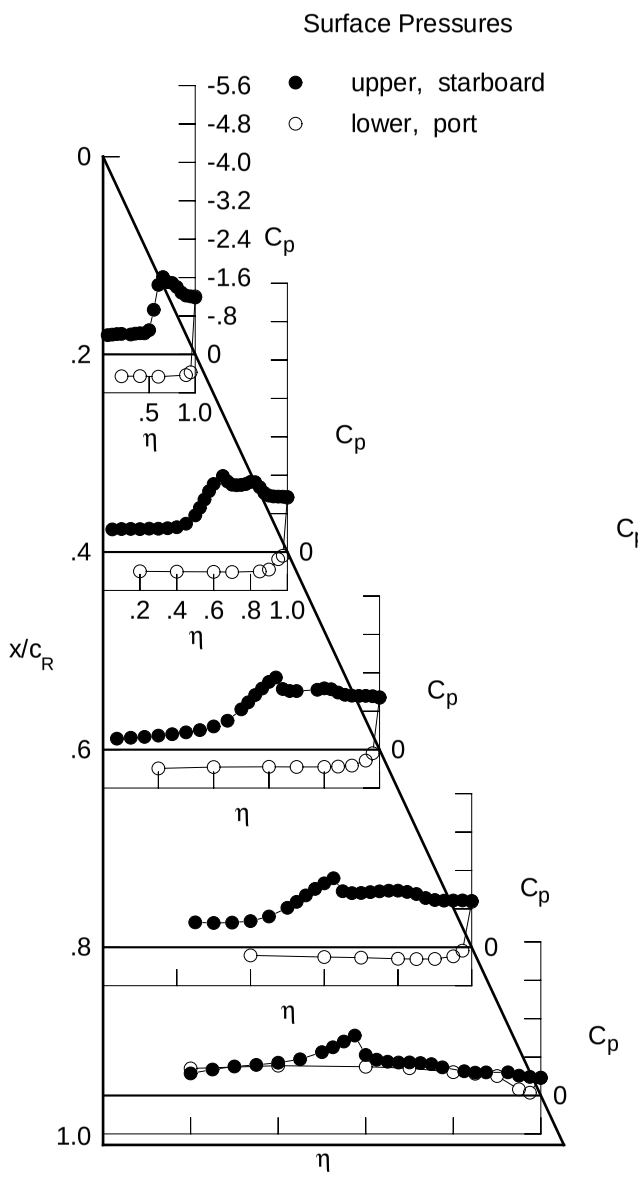
Leading Edge Pressures



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

Table C2. Continued.

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



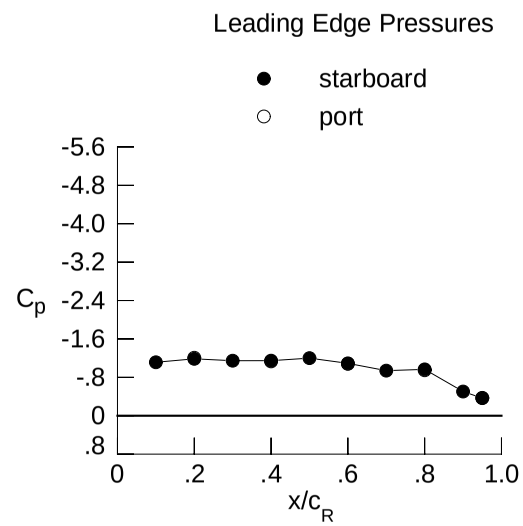
Small Radius L.E.

Run No. = 35 , Point No. = 703

C_N = 0.949, C_m = -0.1609

α = 18.8 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

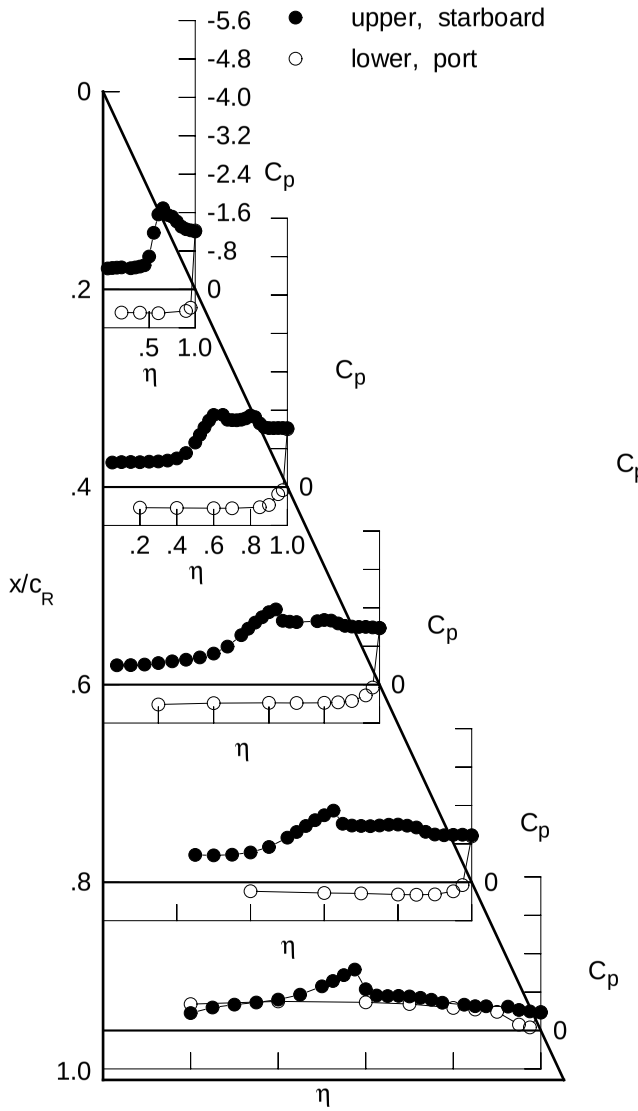


x/c_R	starb'd Cp	port Cp
0.10	-1.1136	*******
0.20	-1.1855	-1.2077
0.30	-1.1463	*******
0.40	-1.1472	-1.1320
0.50	-1.1998	*******
0.60	-1.0915	-1.0805
0.70	-0.9392	*******
0.80	-0.9657	-0.9468
0.90	-0.5043	*******
0.95	-0.3664	-0.3725

Table C2. Continued.

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

Surface Pressures



Small Radius L.E.

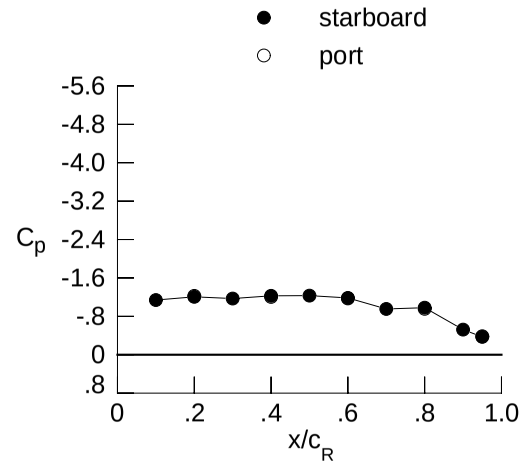
Run No. = 35 , Point No. = 704

C_N = 1.006, C_m = -0.1708

α = 19.9 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

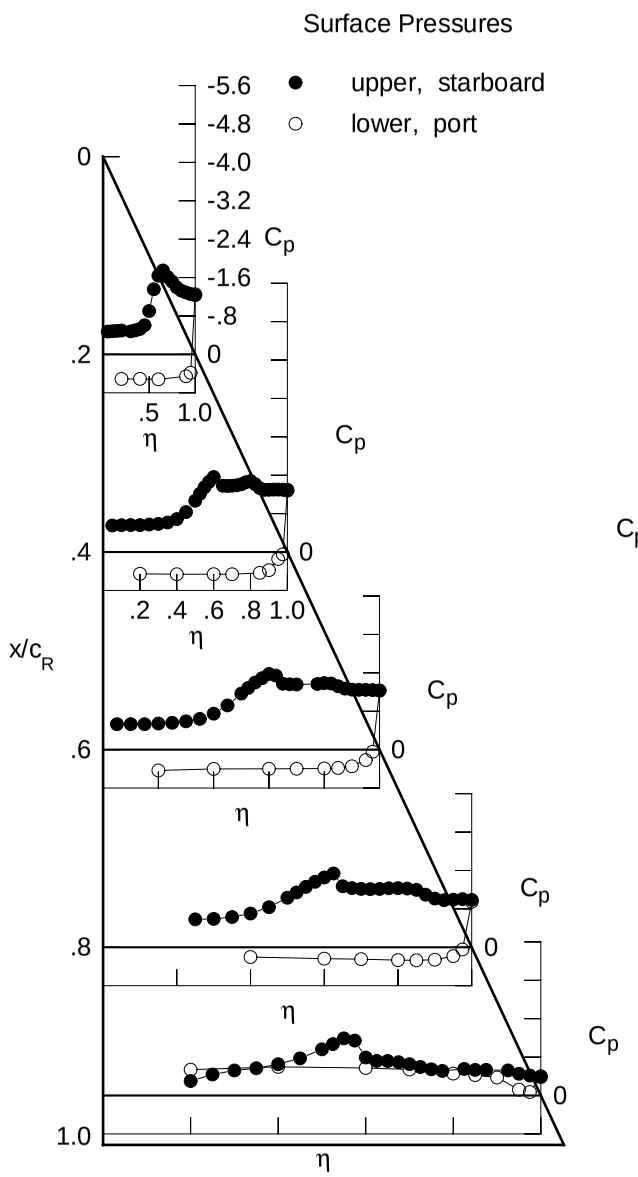
Leading Edge Pressures



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

Table C2. Continued.

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



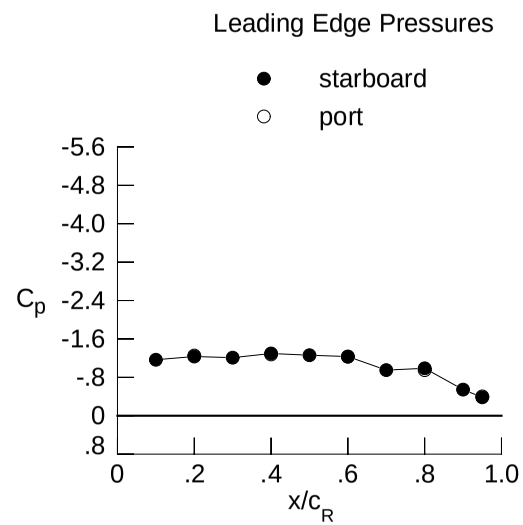
Small Radius L.E.

Run No. = 35 , Point No. = 705

C_N = 1.061, C_m = -0.1787

α = 20.9 °, M_∞ = 0.851

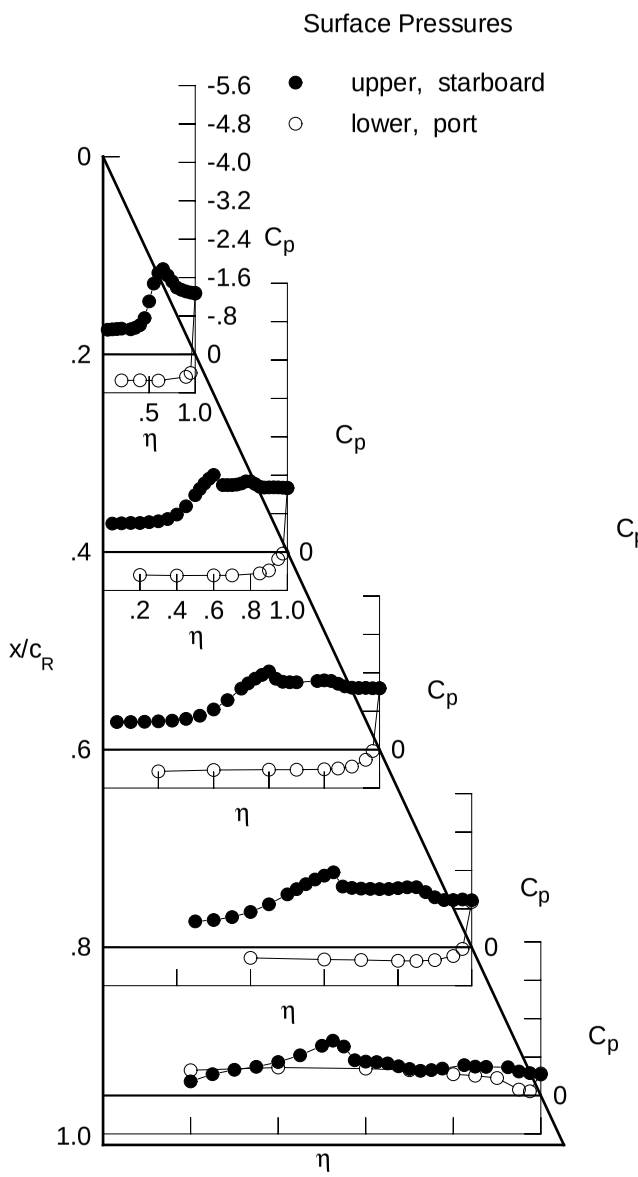
R_{mac} = 11.7×10^6



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

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5140	-0.5929	-0.5755	*******	*******
0.100	-0.5218	-0.5986	-0.5752	*******	*******
0.150	-0.5287	-0.6058	-0.5808	*******	*******
0.200	-0.5366	-0.6051	-0.5895	*******	-0.2933
0.250	*******	-0.6227	-0.6042	-0.5390	-0.4441
0.300	-0.5233	-0.6410	-0.6405	-0.5680	-0.5362
0.350	-0.5548	-0.6870	-0.7066	-0.6291	-0.5979
0.400	-0.6099	-0.7809	-0.8372	-0.7348	-0.6974
0.450	-0.7556	-0.9529	-1.0308	-0.8951	-0.8379
0.500	-1.1038	-1.1851	-1.2711	-1.1021	-1.0361
0.525	*******	-1.3135	-1.3808	-1.2110	-1.1421
0.550	-1.4756	-1.4279	-1.4785	-1.3145	-1.0197
0.575	*******	-1.5262	-1.5573	-1.4121	-0.7348
0.600	-1.6962	-1.6062	-1.6289	-1.4921	-0.7066
0.625	*******	*******	-1.4774	-1.5615	-0.6959
0.650	-1.7769	-1.3949	-1.4136	-1.2657	-0.6686
0.675	*******	-1.3948	-1.4039	-1.2365	-0.6090
0.700	-1.6448	-1.3949	-1.4036	-1.2221	-0.5532
0.725	*******	-1.4044	*******	-1.2168	-0.5141
0.750	-1.5183	-1.4281	*******	-1.2122	-0.5296
0.775	*******	-1.4717	-1.4295	-1.2147	-0.5608
0.800	-1.3928	-1.4713	-1.4433	-1.2317	*******
0.825	*******	-1.4160	-1.4306	-1.2499	-0.6324
0.850	-1.3456	-1.3599	-1.3728	-1.2508	-0.6020
0.875	*******	-1.3430	-1.3173	-1.1494	-0.5965
0.900	-1.3112	-1.3464	-1.2904	-1.0418	*******
0.925	*******	-1.3481	-1.2843	-0.9832	-0.5885
0.950	-1.2879	-1.3464	-1.2866	-0.9841	-0.5001
0.975	*******	-1.3412	-1.2792	-0.9957	-0.4664
1.000	-1.2668	-1.3388	-1.2779	-0.9802	-0.4374
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5425	0.4786	0.4530	*******	-0.5263
-0.400	0.5398	0.4902	0.4247	0.2212	-0.5829
-0.600	0.5465	0.4861	0.4172	0.2548	-0.5602
-0.700	*******	0.4860	0.4180	0.2649	-0.5266
-0.800	*******	*******	0.4093	0.2818	-0.4436
-0.850	*******	0.4456	0.3930	0.2853	-0.4130
-0.900	0.4682	0.3841	0.3531	0.2673	-0.3642
-0.950	0.3875	0.1458	0.2114	0.1821	-0.1231
-0.975	*******	0.0323	0.0283	0.0345	-0.0873
-1.000	-1.2826	-1.3285	-1.2800	-0.9430	-0.4591



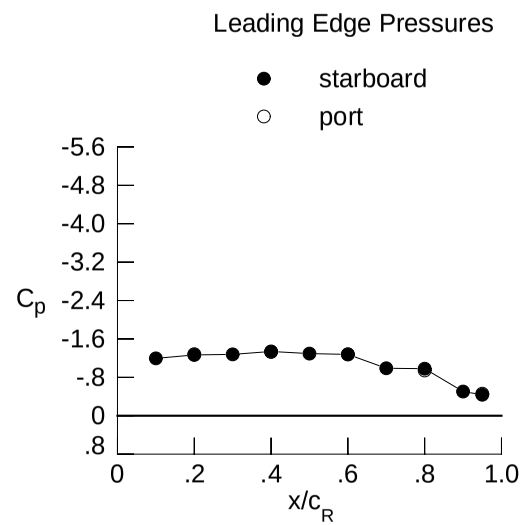
Small Radius L.E.

Run No. = 35 , Point No. = 706

C_N = 1.115, C_m = -0.1890

α = 22.0 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

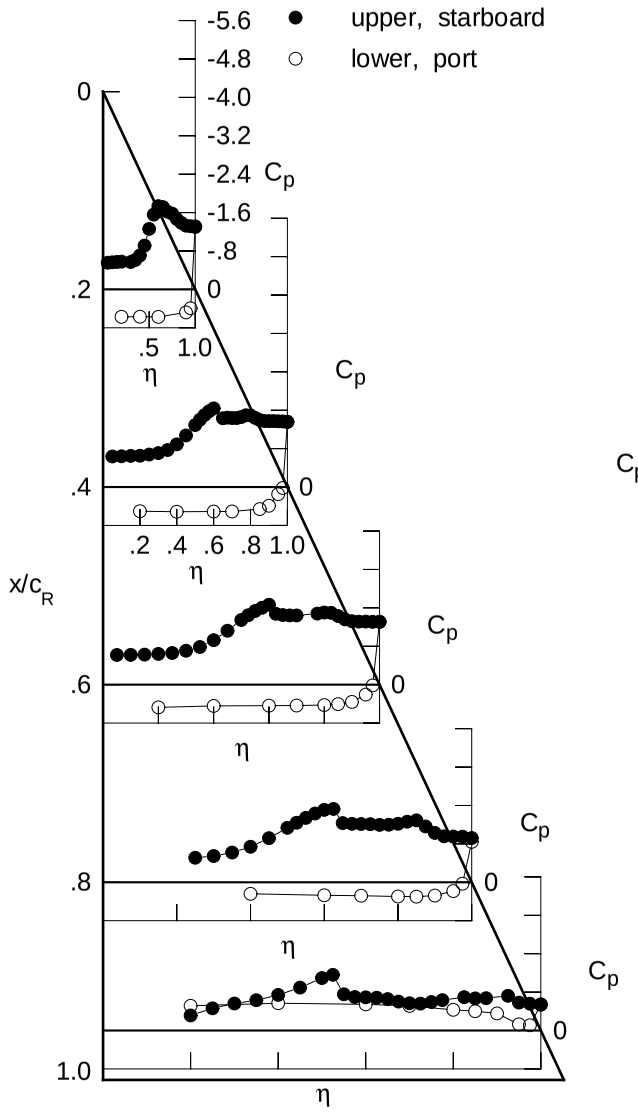


x/c_R	starb'd C_p	port C_p
0.10	-1.1948	*******
0.20	-1.2668	-1.2826
0.30	-1.2781	*******
0.40	-1.3388	-1.3285
0.50	-1.2945	*******
0.60	-1.2779	-1.2800
0.70	-0.9890	*******
0.80	-0.9802	-0.9430
0.90	-0.5043	*******
0.95	-0.4374	-0.4591

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5556	-0.6371	-0.6182	*******	*******
0.100	-0.5642	-0.6406	-0.6202	*******	*******
0.150	-0.5713	-0.6486	-0.6254	*******	*******
0.200	-0.5775	-0.6522	-0.6401	*******	-0.3138
0.250	*******	-0.6769	-0.6592	-0.5111	-0.4624
0.300	-0.5705	-0.7070	-0.7060	-0.5471	-0.5623
0.350	-0.6131	-0.7710	-0.7837	-0.6198	-0.6309
0.400	-0.7075	-0.8894	-0.9264	-0.7400	-0.7414
0.450	-0.9127	-1.0749	-1.1232	-0.9189	-0.8935
0.500	-1.2591	-1.2911	-1.3472	-1.1341	-1.0926
0.525	*******	-1.4012	-1.4457	-1.2402	-1.1597
0.550	-1.5575	-1.4972	-1.5340	-1.3418	-0.7545
0.575	*******	-1.5782	-1.6023	-1.4331	-0.6976
0.600	-1.7343	-1.6393	-1.6655	-1.5088	-0.6902
0.625	*******	*******	-1.4764	-1.5276	-0.6835
0.650	-1.7140	-1.4325	-1.4495	-1.2335	-0.6544
0.675	*******	-1.4458	-1.4425	-1.2177	-0.6027
0.700	-1.6174	-1.4375	-1.4413	-1.2141	-0.5680
0.725	*******	-1.4378	*******	-1.2106	-0.5601
0.750	-1.5779	-1.4581	*******	-1.1959	-0.5937
0.775	*******	-1.4955	-1.4802	-1.1989	-0.6330
0.800	-1.4651	-1.4929	-1.5027	-1.2191	*******
0.825	*******	-1.4407	-1.4964	-1.2617	-0.6940
0.850	-1.3845	-1.3944	-1.4292	-1.2903	-0.6685
0.875	*******	-1.3753	-1.3590	-1.1629	-0.6730
0.900	-1.3271	-1.3738	-1.3218	-1.0282	*******
0.925	*******	-1.3735	-1.3131	-0.9572	-0.7235
0.950	-1.3154	-1.3695	-1.3138	-0.9530	-0.5814
0.975	*******	-1.3661	-1.3082	-0.9507	-0.5591
1.000	-1.2990	-1.3616	-1.3068	-0.9222	-0.5465
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5709	0.5039	0.4737	*******	-0.5144
-0.400	0.5696	0.5146	0.4433	0.2399	-0.5688
-0.600	0.5729	0.5100	0.4376	0.2707	-0.5448
-0.700	*******	0.5086	0.4350	0.2800	-0.5132
-0.800	*******	*******	0.4254	0.2960	-0.4312
-0.850	*******	0.4595	0.4054	0.2991	-0.4021
-0.900	0.4802	0.3900	0.3597	0.2770	-0.3562
-0.950	0.3939	0.1494	0.2070	0.1835	-0.1291
-0.975	*******	0.0196	0.0149	0.0292	-0.1087
-1.000	-1.3131	-1.3534	-1.3114	-0.8418	-0.5361

Surface Pressures



Small Radius L.E.

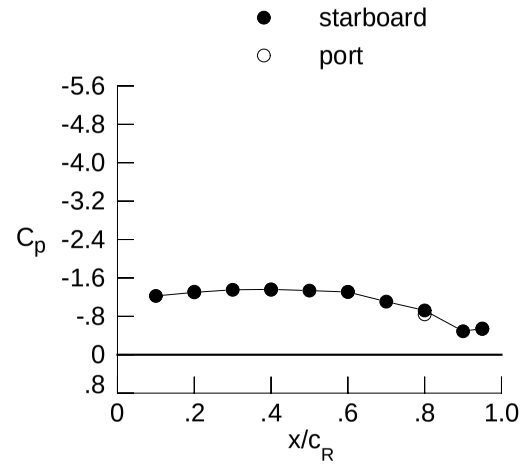
Run No. = 35 , Point No. = 707

C_N = 1.157, C_m = -0.1918

α = 23.0 °, M_∞ = 0.850

R_{mac} = 11.7×10^6

Leading Edge Pressures

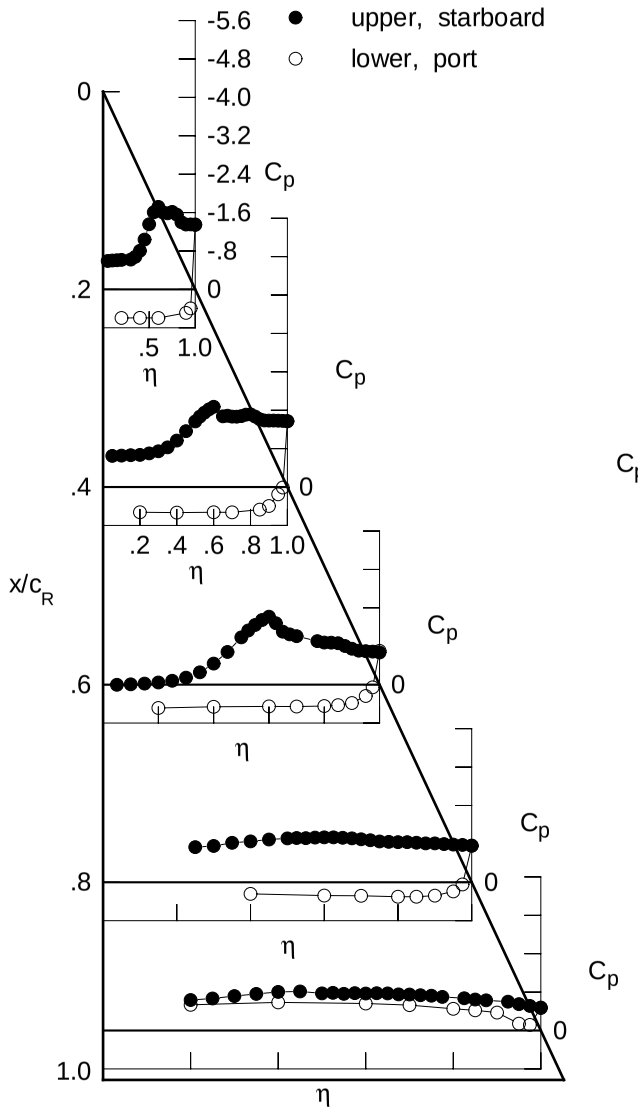


x/c_R	starb'd C_p	port C_p
0.10	-1.2250	*******
0.20	-1.2990	-1.3131
0.30	-1.3530	*******
0.40	-1.3616	-1.3534
0.50	-1.3362	*******
0.60	-1.3068	-1.3114
0.70	-1.1064	*******
0.80	-0.9222	-0.8418
0.90	-0.4888	*******
0.95	-0.5465	-0.5361

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5917	-0.6491	0.0029	*******	*******
0.100	-0.6015	-0.6540	-0.0065	*******	*******
0.150	-0.6068	-0.6629	-0.0217	*******	*******
0.200	-0.6153	-0.6698	-0.0450	*******	-0.6348
0.250	*******	-0.7011	-0.0811	-0.7320	-0.6672
0.300	-0.6212	-0.7448	-0.1454	-0.7566	-0.7179
0.350	-0.6794	-0.8266	-0.2571	-0.8220	-0.7620
0.400	-0.8049	-0.9676	-0.4384	-0.8523	-0.8038
0.450	-1.0379	-1.1638	-0.6808	-0.8913	-0.8137
0.500	-1.3564	-1.3667	-0.9847	-0.9145	-0.7738
0.525	*******	-1.4671	-1.1282	-0.9228	-0.7847
0.550	-1.6063	-1.5495	-1.2429	-0.9190	-0.7640
0.575	*******	-1.6194	-1.3467	-0.9312	-0.7786
0.600	-1.7192	-1.6723	-1.4163	-0.9360	-0.7702
0.625	*******	*******	-1.2804	-0.9364	-0.7765
0.650	-1.6035	-1.4732	-1.1028	-0.9274	-0.7729
0.675	*******	-1.4857	-1.0470	-0.9153	-0.7527
0.700	-1.5845	-1.4676	-1.0099	-0.8961	-0.7499
0.725	*******	-1.4654	*******	-0.8762	-0.7349
0.750	-1.6142	-1.4776	*******	-0.8503	-0.7250
0.775	*******	-1.5079	-0.9066	-0.8421	-0.6997
0.800	-1.5568	-1.5146	-0.8772	-0.8359	*******
0.825	*******	-1.4682	-0.8746	-0.8357	-0.6721
0.850	-1.3983	-1.4126	-0.8630	-0.8238	-0.6459
0.875	*******	-1.3867	-0.8051	-0.8103	-0.6288
0.900	-1.3513	-1.3842	-0.7479	-0.8106	*******
0.925	*******	-1.3845	-0.7071	-0.7962	-0.6007
0.950	-1.3539	-1.3824	-0.6974	-0.7859	-0.5492
0.975	*******	-1.3782	-0.6879	-0.7786	-0.5118
1.000	-1.3427	-1.3736	-0.6692	-0.7646	-0.4781
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5954	0.5257	0.4867	*******	-0.5354
-0.400	0.5929	0.5328	0.4612	0.2414	-0.5859
-0.600	0.5953	0.5255	0.4536	0.2766	-0.5627
-0.700	*******	0.5272	0.4562	0.2812	-0.5291
-0.800	*******	*******	0.4459	0.3009	-0.4523
-0.850	*******	0.4703	0.4269	0.3006	-0.4207
-0.900	0.4895	0.3949	0.3829	0.2787	-0.3737
-0.950	0.3957	0.1522	0.2365	0.1903	-0.1426
-0.975	*******	0.0101	0.0559	0.0446	-0.1168
-1.000	-1.3533	-1.3688	-0.7042	-0.7596	-0.4691

Surface Pressures



Small Radius L.E.

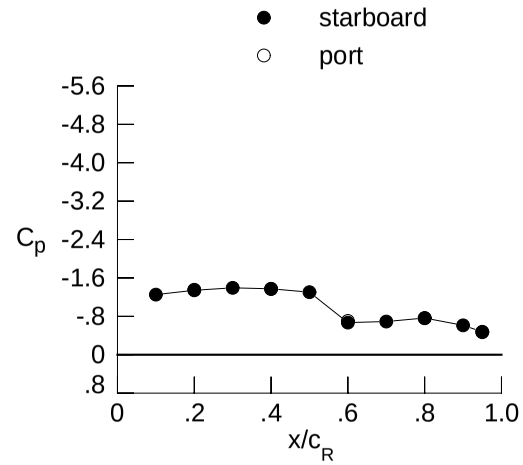
Run No. = 35 , Point No. = 708

C_N = 1.090, C_m = -0.1760

α = 23.9 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

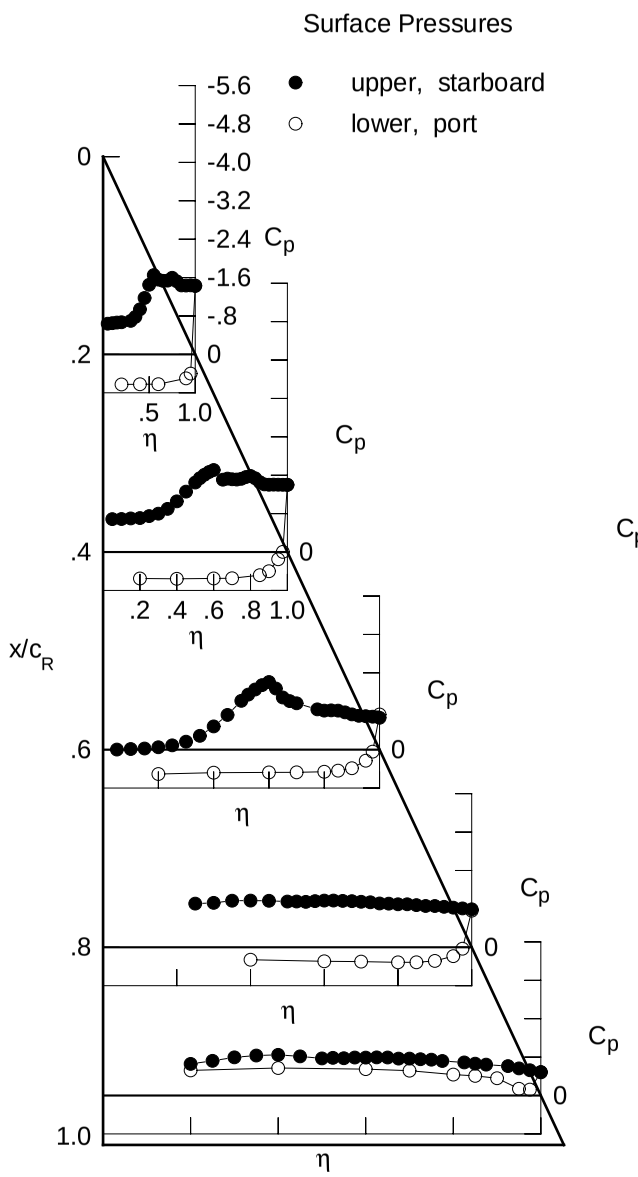
Leading Edge Pressures



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

Table C2. Continued.

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



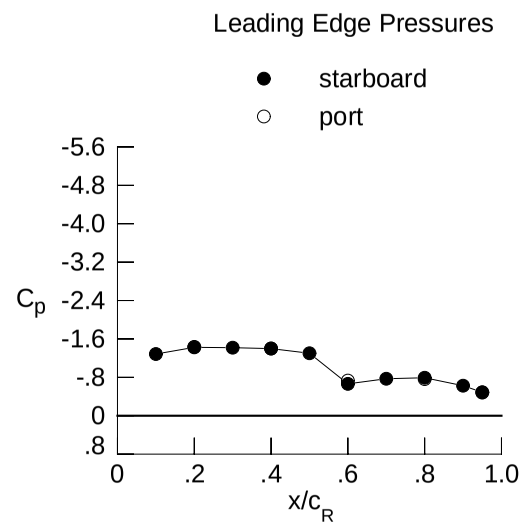
Small Radius L.E.

Run No. = 35 , Point No. = 709

C_N = 1.131, C_m = -0.1783

α = 25.0 °, M_∞ = 0.850

R_{mac} = 11.7×10^6

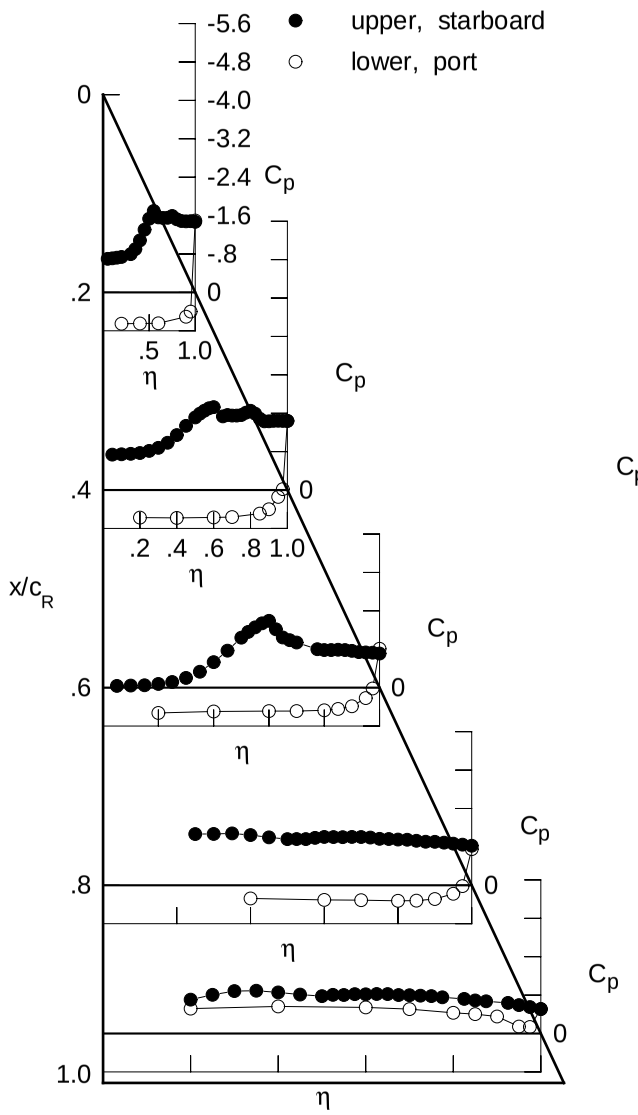


x/c_R	starb'd C_p	port C_p
0.10	-1.2853	*******
0.20	-1.4249	-1.4341
0.30	-1.4176	*******
0.40	-1.3982	-1.4015
0.50	-1.3016	*******
0.60	-0.6640	-0.7318
0.70	-0.7708	*******
0.80	-0.7911	-0.7635
0.90	-0.6252	*******
0.95	-0.4892	-0.4826

Table C2. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6988	-0.7373	-0.0359	*******	*******
0.100	-0.7099	-0.7450	-0.0434	*******	*******
0.150	-0.7231	-0.7542	-0.0498	*******	*******
0.200	-0.7382	-0.7709	-0.0769	*******	-0.7059
0.250	*******	-0.8148	-0.1177	-1.0676	-0.8063
0.300	-0.7967	-0.8793	-0.2021	-1.0696	-0.8840
0.350	-0.9018	-0.9848	-0.3315	-1.0806	-0.8914
0.400	-1.0834	-1.1449	-0.5310	-1.0462	-0.8563
0.450	-1.3061	-1.3372	-0.7702	-0.9987	-0.8112
0.500	-1.5345	-1.5116	-1.0411	-0.9618	-0.7785
0.525	*******	-1.5905	-1.1610	-0.9632	-0.8053
0.550	-1.6962	-1.6528	-1.2563	-0.9625	-0.8026
0.575	*******	-1.7036	-1.3400	-0.9882	-0.8201
0.600	-1.5623	-1.7275	-1.3916	-1.0073	-0.8168
0.625	*******	*******	-1.2158	-1.0052	-0.8229
0.650	-1.5506	-1.5348	-1.0446	-1.0021	-0.8219
0.675	*******	-1.5633	-0.9892	-1.0069	-0.8014
0.700	-1.5541	-1.5509	-0.9397	-1.0053	-0.7976
0.725	*******	-1.5515	*******	-0.9943	-0.7882
0.750	-1.5924	-1.5626	*******	-0.9681	-0.7789
0.775	*******	-1.6111	-0.8006	-0.9636	-0.7541
0.800	-1.5229	-1.6511	-0.7834	-0.9524	*******
0.825	*******	-1.5911	-0.7833	-0.9490	-0.7204
0.850	-1.4875	-1.4868	-0.7893	-0.9273	-0.6891
0.875	*******	-1.4312	-0.7828	-0.9074	-0.6710
0.900	-1.4802	-1.4320	-0.7661	-0.9057	*******
0.925	*******	-1.4416	-0.7398	-0.8880	-0.6373
0.950	-1.4832	-1.4428	-0.7339	-0.8669	-0.5919
0.975	*******	-1.4401	-0.7283	-0.8468	-0.5509
1.000	-1.4698	-1.4404	-0.7102	-0.8239	-0.5099
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6531	0.5741	0.5273	*******	-0.5186
-0.400	0.6478	0.5805	0.4968	0.2741	-0.5640
-0.600	0.6437	0.5710	0.4887	0.3046	-0.5437
-0.700	*******	0.5629	0.4881	0.3100	-0.5083
-0.800	*******	*******	0.4720	0.3235	-0.4308
-0.850	*******	0.4909	0.4442	0.3197	-0.4040
-0.900	0.5072	0.4012	0.3883	0.2866	-0.3541
-0.950	0.4004	0.1430	0.2178	0.1771	-0.1450
-0.975	*******	-0.0187	0.0174	0.0165	-0.1363
-1.000	-1.4970	-1.4394	-0.8096	-0.7524	-0.5092

Surface Pressures



Small Radius L.E.

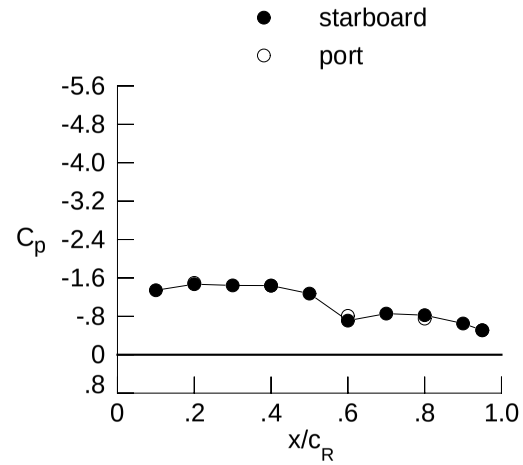
Run No. = 35 , Point No. = 710

C_N = 1.167, C_m = -0.1798

α = 26.0 °, M_∞ = 0.851

R_{mac} = 11.7×10^6

Leading Edge Pressures

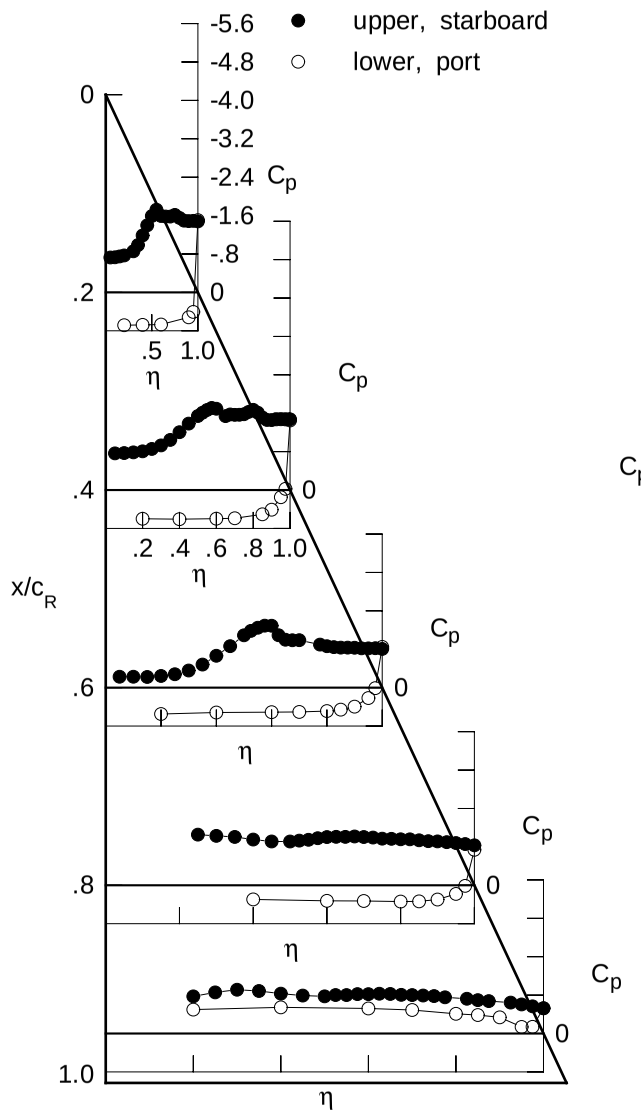


x/c_R	starb'd C_p	port C_p
0.10	-1.3430	*******
0.20	-1.4698	-1.4970
0.30	-1.4437	*******
0.40	-1.4404	-1.4394
0.50	-1.2735	*******
0.60	-0.7102	-0.8096
0.70	-0.8568	*******
0.80	-0.8239	-0.7524
0.90	-0.6506	*******
0.95	-0.5099	-0.5092

Table C2. Continued.

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

Surface Pressures



Small Radius L.E.

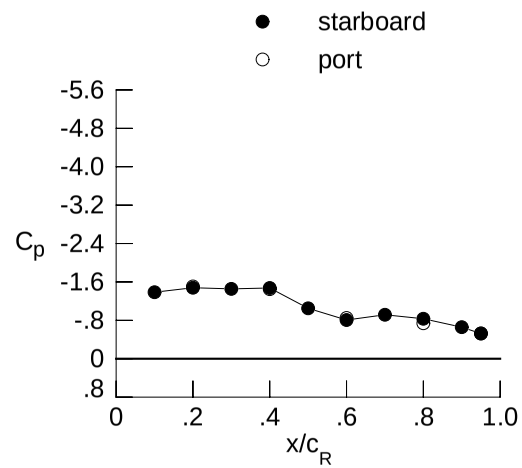
Run No. = 35 , Point No. = 711

C_N = 1.204, C_m = -0.1893

α = 27.0 °, M_∞ = 0.850

R_{mac} = 11.7×10^6

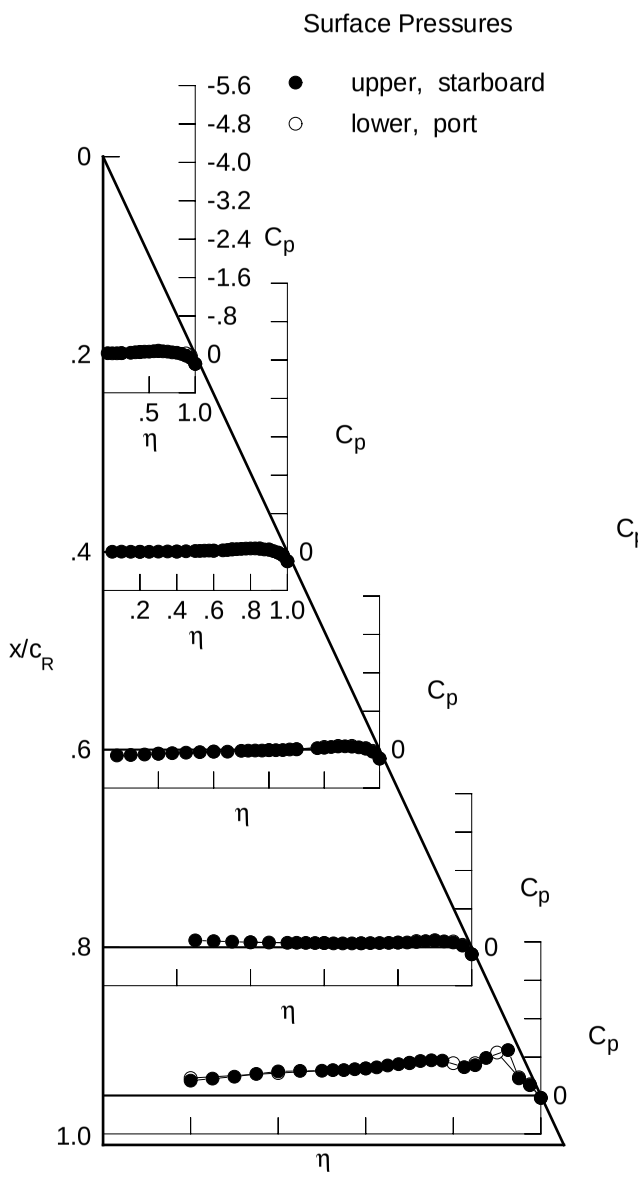
Leading Edge Pressures



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

Table C2. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0247	-0.0057	0.1213	*******	*******
0.100	-0.0224	-0.0076	0.1124	*******	*******
0.150	-0.0231	-0.0060	0.1016	*******	*******
0.200	-0.0262	-0.0061	0.0861	*******	-0.3092
0.250	*******	-0.0051	0.0732	-0.1441	-0.3520
0.300	-0.0332	-0.0092	0.0629	-0.1284	-0.3922
0.350	-0.0440	-0.0119	0.0522	-0.1166	-0.4493
0.400	-0.0461	-0.0135	0.0427	-0.1046	-0.5016
0.450	-0.0559	-0.0163	0.0426	-0.0993	-0.5128
0.500	-0.0564	-0.0213	0.0251	-0.0936	-0.5160
0.525	*******	-0.0235	0.0219	-0.0939	-0.5292
0.550	-0.0653	-0.0280	0.0187	-0.0915	-0.5298
0.575	*******	-0.0306	0.0192	-0.0890	-0.5483
0.600	-0.0677	-0.0317	0.0091	-0.0889	-0.5632
0.625	*******	*******	0.0110	-0.0817	-0.5865
0.650	-0.0636	-0.0351	0.0088	-0.0812	-0.6257
0.675	*******	-0.0422	-0.0030	-0.0810	-0.6528
0.700	-0.0580	-0.0520	-0.0059	-0.0825	-0.6831
0.725	*******	-0.0598	*******	-0.0874	-0.7187
0.750	-0.0425	-0.0658	*******	-0.0888	-0.7332
0.775	*******	-0.0710	-0.0312	-0.0912	-0.7268
0.800	-0.0332	-0.0744	-0.0392	-0.0972	*******
0.825	*******	-0.0752	-0.0551	-0.1004	-0.5902
0.850	-0.0101	-0.0675	-0.0665	-0.1119	-0.6320
0.875	*******	-0.0532	-0.0697	-0.1279	-0.7822
0.900	0.0274	-0.0462	-0.0621	-0.1342	*******
0.925	*******	-0.0190	-0.0483	-0.1228	-0.9462
0.950	0.0738	0.0151	-0.0195	-0.1011	-0.3579
0.975	*******	0.0590	0.0422	-0.0353	-0.2156
1.000	0.1974	0.1947	0.1889	0.1470	0.0503
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0245	-0.0032	0.0827	*******	-0.3637
-0.400	-0.0527	-0.0061	0.0390	-0.1036	-0.4673
-0.600	-0.0775	-0.0242	0.0120	-0.0894	-0.5646
-0.700	*******	-0.0600	-0.0115	-0.0843	-0.6726
-0.800	*******	*******	-0.0564	-0.0982	-0.6733
-0.850	*******	-0.0775	-0.0788	-0.1306	-0.6736
-0.900	-0.0204	-0.0558	-0.0789	-0.1490	-0.8948
-0.950	0.0165	0.0116	-0.0317	-0.1218	-0.3794
-0.975	*******	0.0697	0.0238	-0.0521	-0.2342
-1.000	0.1975	0.1874	0.1820	0.1436	0.0471



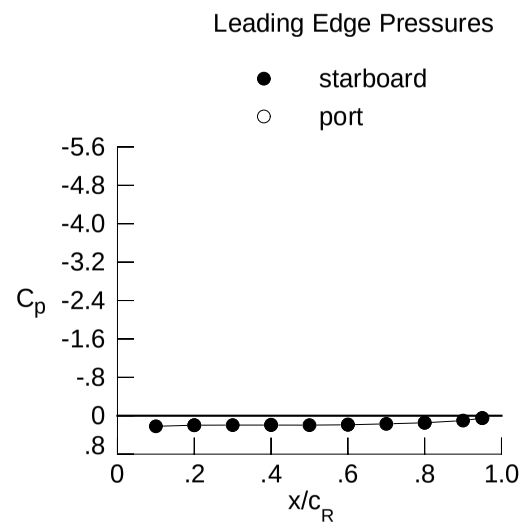
Small Radius L.E.

Run No. = 35 , Point No. = 712

C_N = -0.003, C_m = -0.0018

α = 0.0 °, M_∞ = 0.851

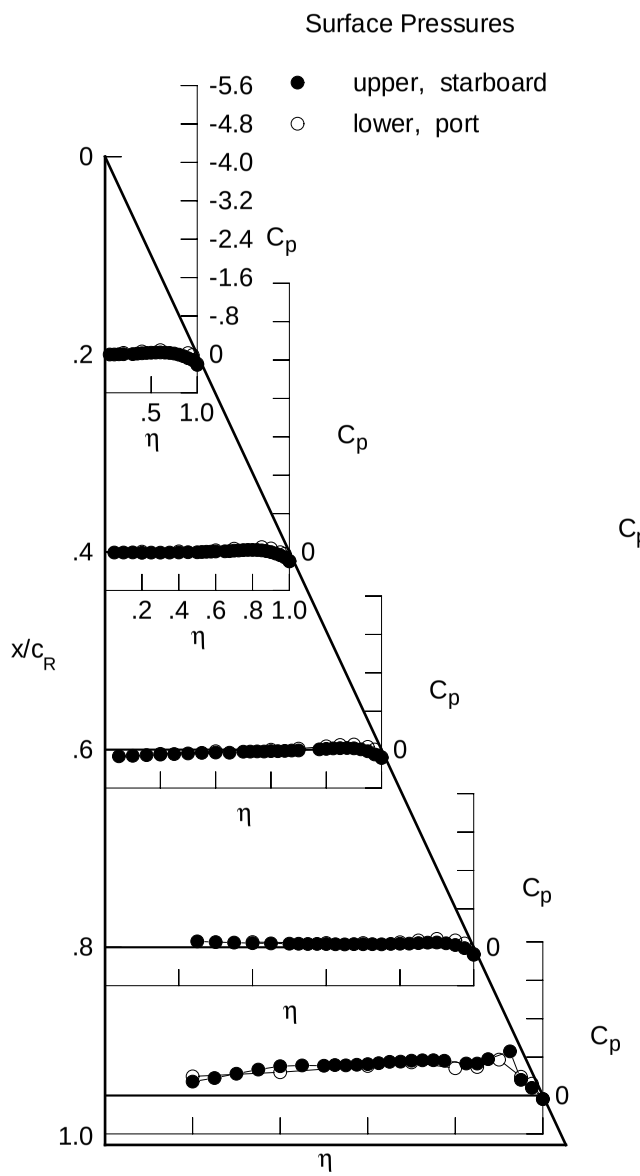
R_{mac} = 11.6×10^6



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

Table C3. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	0.0027	0.0105	0.1384	*******	*******
0.100	0.0023	0.0103	0.1278	*******	*******
0.150	-0.0021	0.0078	0.1145	*******	*******
0.200	-0.0038	0.0158	0.1032	*******	-0.2896
0.250	*******	0.0120	0.0917	-0.1231	-0.3642
0.300	-0.0057	0.0126	0.0796	-0.1081	-0.4539
0.350	-0.0163	0.0113	0.0675	-0.0974	-0.5401
0.400	-0.0233	0.0089	0.0599	-0.0855	-0.6105
0.450	-0.0302	0.0039	0.0638	-0.0809	-0.6264
0.500	-0.0342	0.0048	0.0434	-0.0751	-0.6204
0.525	*******	-0.0004	0.0405	-0.0737	-0.6347
0.550	-0.0386	-0.0059	0.0368	-0.0688	-0.6280
0.575	*******	-0.0084	0.0391	-0.0706	-0.6406
0.600	-0.0407	-0.0118	0.0301	-0.0682	-0.6535
0.625	*******	*******	0.0318	-0.0629	-0.6732
0.650	-0.0368	-0.0149	0.0257	-0.0599	-0.7015
0.675	*******	-0.0187	0.0185	-0.0653	-0.7060
0.700	-0.0304	-0.0286	0.0167	-0.0640	-0.7258
0.725	*******	-0.0322	*******	-0.0645	-0.7335
0.750	-0.0179	-0.0401	*******	-0.0612	-0.7352
0.775	*******	-0.0441	-0.0058	-0.0705	-0.7240
0.800	0.0059	-0.0443	-0.0158	-0.0744	*******
0.825	*******	-0.0423	-0.0259	-0.0757	-0.6663
0.850	0.0365	-0.0342	-0.0302	-0.0866	-0.6656
0.875	*******	-0.0189	-0.0347	-0.0967	-0.7579
0.900	0.0795	0.0017	-0.0271	-0.0997	*******
0.925	*******	0.0309	-0.0060	-0.0829	-0.9201
0.950	0.1187	0.0667	0.0333	-0.0476	-0.3264
0.975	*******	0.1108	0.0999	0.0175	-0.1594
1.000	0.2182	0.1953	0.1743	0.1561	0.0726
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0313	-0.0077	0.0883	*******	-0.3982
-0.400	-0.0608	-0.0138	0.0338	-0.1077	-0.4845
-0.600	-0.0879	-0.0362	0.0012	-0.0897	-0.6151
-0.700	*******	-0.0696	-0.0206	-0.0879	-0.6900
-0.800	*******	*******	-0.0685	-0.1050	-0.5692
-0.850	*******	-0.1020	-0.0968	-0.1420	-0.5934
-0.900	-0.0269	-0.0744	-0.1061	-0.1749	-0.7475
-0.950	0.0119	0.0038	-0.0573	-0.1435	-0.3903
-0.975	*******	0.0375	-0.0027	-0.0793	-0.2465
-1.000	0.1953	0.1836	0.1559	0.1396	0.0733



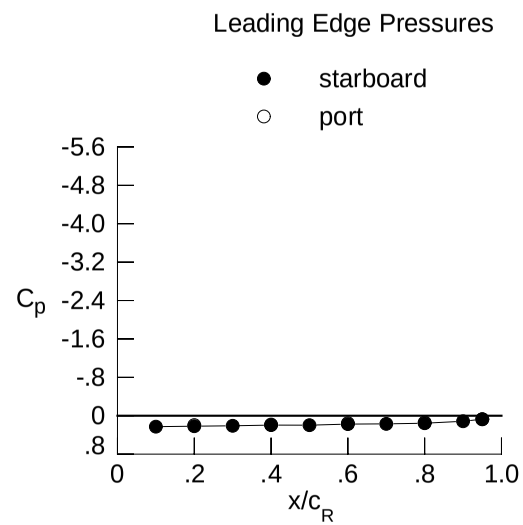
Small Radius L.E.

Run No. = 53 , Point No. = 1137

C_N = -0.012, C_m = -0.0120

α = -0.7 °, M_∞ = 0.848

R_{mac} = 24.1×10^6

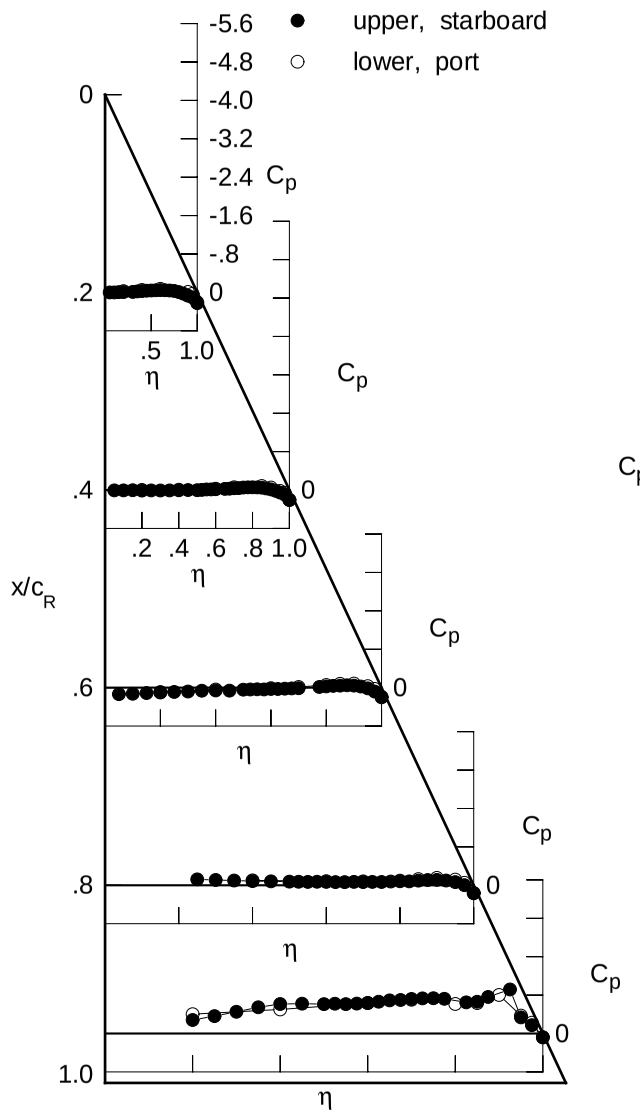


x/c_R	starb'd C_p	port C_p
0.10	0.2279	*******
0.20	0.2182	0.1953
0.30	0.2096	*******
0.40	0.1953	0.1836
0.50	0.1969	*******
0.60	0.1743	0.1559
0.70	0.1694	*******
0.80	0.1561	0.1396
0.90	0.1153	*******
0.95	0.0726	0.0733

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	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	0.0071	0.1361	*******	*******
0.100	0.0007	0.0074	0.1270	*******	*******
0.150	-0.0058	0.0039	0.1129	*******	*******
0.200	-0.0075	0.0114	0.1017	*******	-0.2813
0.250	*******	0.0078	0.0898	-0.1230	-0.3624
0.300	-0.0095	0.0093	0.0806	-0.1101	-0.4531
0.350	-0.0207	0.0079	0.0642	-0.0991	-0.5462
0.400	-0.0278	0.0047	0.0584	-0.0873	-0.6146
0.450	-0.0354	-0.0002	0.0622	-0.0822	-0.6217
0.500	-0.0392	0.0033	0.0424	-0.0759	-0.6117
0.525	*******	-0.0028	0.0383	-0.0739	-0.6204
0.550	-0.0444	-0.0117	0.0345	-0.0701	-0.6117
0.575	*******	-0.0130	0.0374	-0.0734	-0.6236
0.600	-0.0468	-0.0166	0.0268	-0.0711	-0.6379
0.625	*******	*******	0.0284	-0.0664	-0.6624
0.650	-0.0450	-0.0243	0.0219	-0.0653	-0.6906
0.675	*******	-0.0278	0.0159	-0.0715	-0.6988
0.700	-0.0390	-0.0374	0.0120	-0.0673	-0.7204
0.725	*******	-0.0399	*******	-0.0704	-0.7321
0.750	-0.0302	-0.0520	*******	-0.0690	-0.7352
0.775	*******	-0.0558	-0.0145	-0.0784	-0.7233
0.800	-0.0063	-0.0565	-0.0257	-0.0840	*******
0.825	*******	-0.0544	-0.0365	-0.0817	-0.6490
0.850	0.0273	-0.0496	-0.0418	-0.0967	-0.6615
0.875	*******	-0.0328	-0.0484	-0.1096	-0.7615
0.900	0.0689	-0.0137	-0.0421	-0.1130	*******
0.925	*******	0.0159	-0.0234	-0.0988	-0.9173
0.950	0.1068	0.0528	0.0145	-0.0664	-0.3363
0.975	*******	0.0941	0.0811	-0.0024	-0.1736
1.000	0.2243	0.2082	0.2019	0.1664	0.0766
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0261	-0.0025	0.0922	*******	-0.4026
-0.400	-0.0501	-0.0066	0.0391	-0.1020	-0.5015
-0.600	-0.0743	-0.0268	0.0112	-0.0858	-0.6324
-0.700	*******	-0.0574	-0.0133	-0.0812	-0.7030
-0.800	*******	*******	-0.0553	-0.0967	-0.6155
-0.850	*******	-0.0837	-0.0799	-0.1288	-0.6342
-0.900	-0.0098	-0.0518	-0.0846	-0.1546	-0.8030
-0.950	0.0287	0.0189	-0.0316	-0.1188	-0.3729
-0.975	*******	0.0617	0.0255	-0.0521	-0.2254
-1.000	0.2046	0.2042	0.1912	0.1610	0.0824

Surface Pressures



Small Radius L.E.

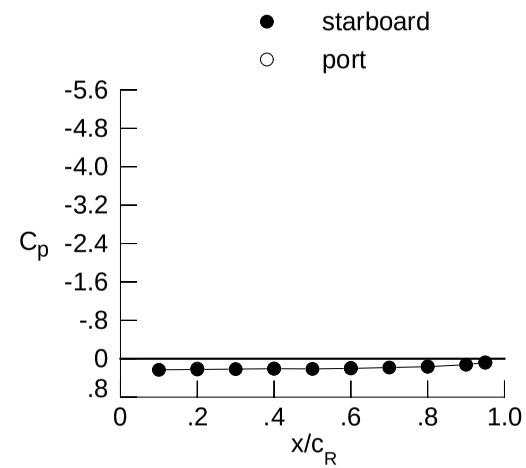
Run No. = 53 , Point No. = 1138

C_N = 0.001, C_m = -0.0132

α = -0.4 °, M_∞ = 0.849

R_{mac} = 24.0×10^6

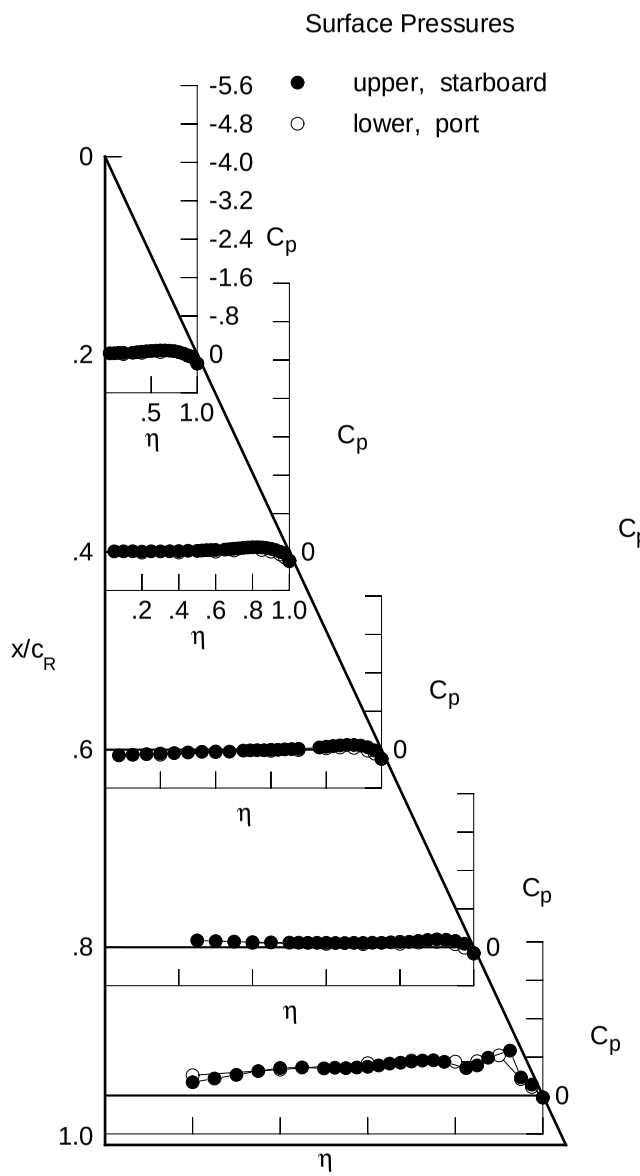
Leading Edge Pressures



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

Table C3. Continued.

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



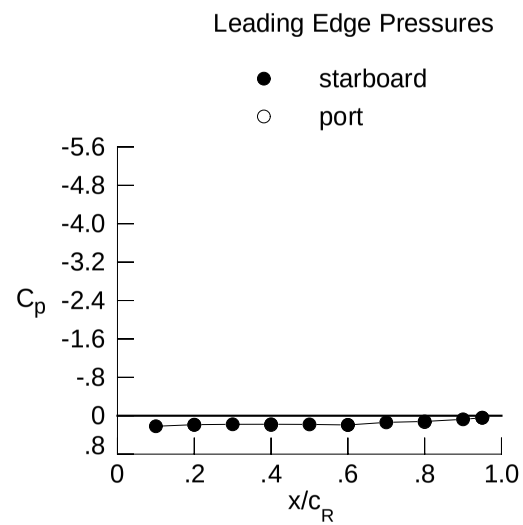
Small Radius L.E.

Run No. = 53 , Point No. = 1139

C_N = 0.045, C_m = -0.0223

α = 0.7 °, M_∞ = 0.849

R_{mac} = 24.0×10^6

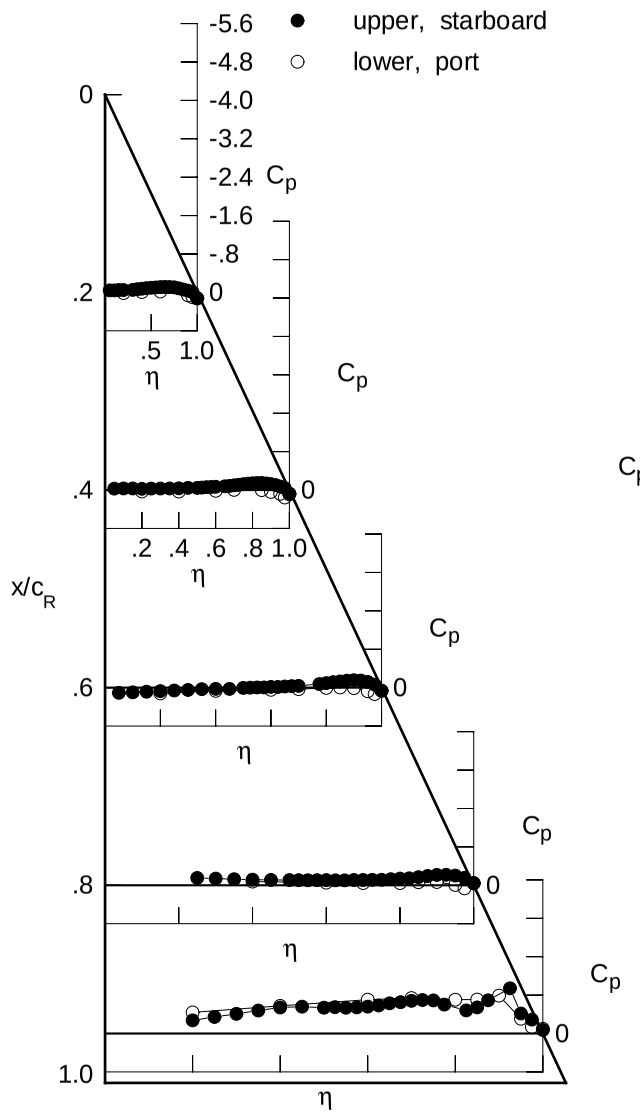


x/c_R	starb'd C_p	port C_p
0.10	0.2195	*******
0.20	0.1863	0.1912
0.30	0.1786	*******
0.40	0.1777	0.1926
0.50	0.1807	*******
0.60	0.1924	0.1917
0.70	0.1384	*******
0.80	0.1194	0.1320
0.90	0.0752	*******
0.95	0.0423	0.0411

Table C3. Continued.

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

Surface Pressures



Small Radius L.E.

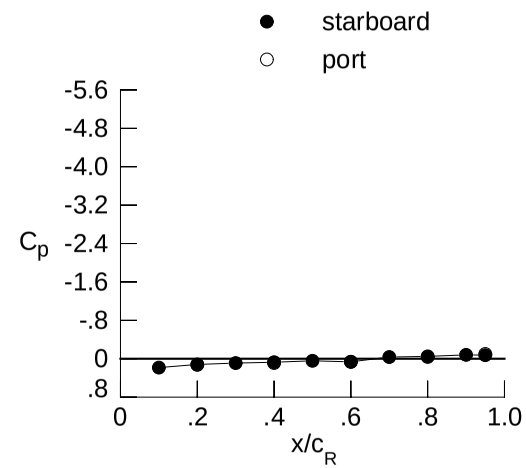
Run No. = 53 , Point No. = 1140

C_N = 0.083, C_m = -0.0264

α = 1.7 °, M_∞ = 0.850

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

Leading Edge Pressures

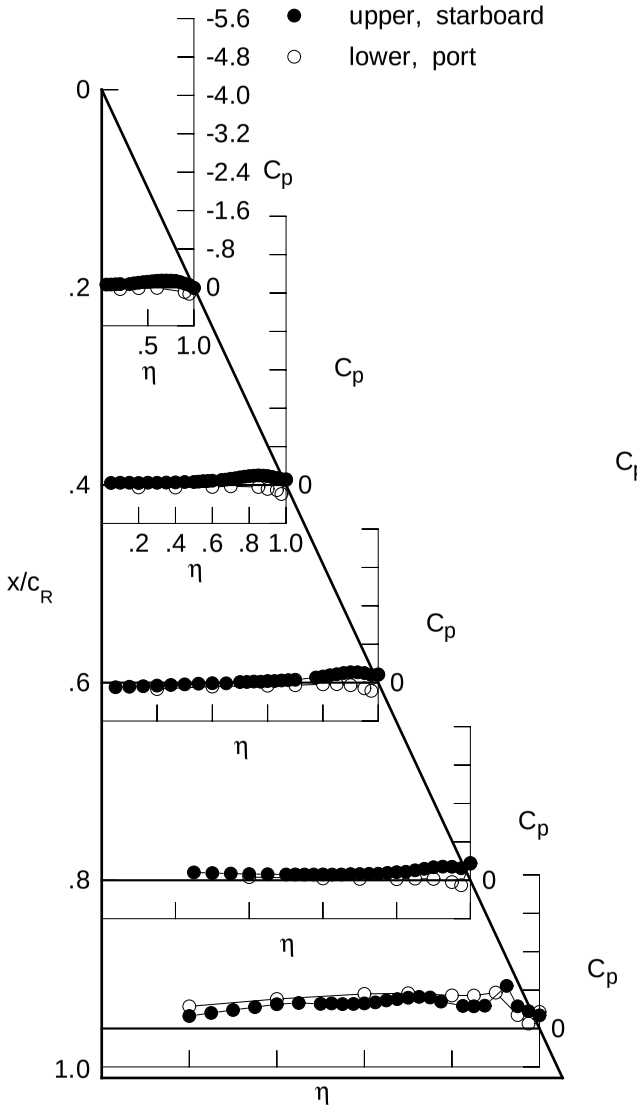


x/c_R	starb'd C_p	port C_p
0.10	0.1846	*******
0.20	0.1193	0.1273
0.30	0.0906	*******
0.40	0.0729	0.0888
0.50	0.0431	*******
0.60	0.0649	0.0636
0.70	-0.0349	*******
0.80	-0.0488	-0.0380
0.90	-0.0805	*******
0.95	-0.0738	-0.0993

Table C3. 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	-0.0587	-0.0433	0.0963	*******	*******
0.100	-0.0600	-0.0470	0.0858	*******	*******
0.150	-0.0650	-0.0483	0.0743	*******	*******
0.200	-0.0691	-0.0424	0.0618	*******	-0.2603
0.250	*******	-0.0487	0.0487	-0.1641	-0.3238
0.300	-0.0681	-0.0473	0.0362	-0.1506	-0.3856
0.350	-0.0848	-0.0511	0.0212	-0.1396	-0.4445
0.400	-0.0976	-0.0553	0.0122	-0.1295	-0.5057
0.450	-0.1091	-0.0629	0.0141	-0.1258	-0.5324
0.500	-0.1189	-0.0630	-0.0125	-0.1206	-0.5133
0.525	*******	-0.0706	-0.0141	-0.1219	-0.5222
0.550	-0.1284	-0.0804	-0.0224	-0.1202	-0.5078
0.575	*******	-0.0832	-0.0196	-0.1202	-0.5123
0.600	-0.1383	-0.0904	-0.0336	-0.1220	-0.5231
0.625	*******	*******	-0.0338	-0.1188	-0.5445
0.650	-0.1434	-0.1048	-0.0451	-0.1205	-0.5852
0.675	*******	-0.1137	-0.0523	-0.1284	-0.6123
0.700	-0.1435	-0.1303	-0.0602	-0.1299	-0.6414
0.725	*******	-0.1419	*******	-0.1341	-0.6591
0.750	-0.1418	-0.1592	*******	-0.1369	-0.6466
0.775	*******	-0.1744	-0.1069	-0.1533	-0.5611
0.800	-0.1368	-0.1854	-0.1283	-0.1691	*******
0.825	*******	-0.1941	-0.1540	-0.1766	-0.4704
0.850	-0.1124	-0.2008	-0.1755	-0.2077	-0.4625
0.875	*******	-0.1961	-0.2012	-0.2389	-0.4755
0.900	-0.0772	-0.1873	-0.2165	-0.2718	*******
0.925	*******	-0.1687	-0.2162	-0.2841	-0.8882
0.950	-0.0498	-0.1447	-0.2000	-0.2814	-0.4634
0.975	*******	-0.1215	-0.1589	-0.2503	-0.3613
1.000	0.0114	-0.1199	-0.1657	-0.3468	-0.2734
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0352	0.0496	0.1334	*******	-0.4612
-0.400	0.0156	0.0508	0.0817	-0.0657	-0.6147
-0.600	0.0106	0.0398	0.0636	-0.0395	-0.7209
-0.700	*******	0.0262	0.0539	-0.0279	-0.7344
-0.800	*******	*******	0.0348	-0.0233	-0.6898
-0.850	*******	0.0409	0.0312	-0.0346	-0.6875
-0.900	0.0971	0.0810	0.0525	-0.0286	-0.7483
-0.950	0.1347	0.1053	0.1173	0.0372	-0.2804
-0.975	*******	0.1873	0.1702	0.1029	-0.1023
-1.000	0.0098	-0.1027	-0.1717	-0.3605	-0.3447

Surface Pressures



Small Radius L.E.

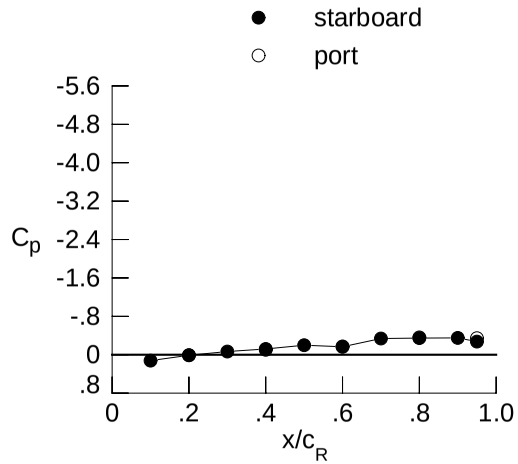
Run No. = 53 , Point No. = 1141

C_N = 0.125, C_m = -0.0349

α = 2.8 °, M_∞ = 0.850

R_{mac} = 24.1×10^6

Leading Edge Pressures

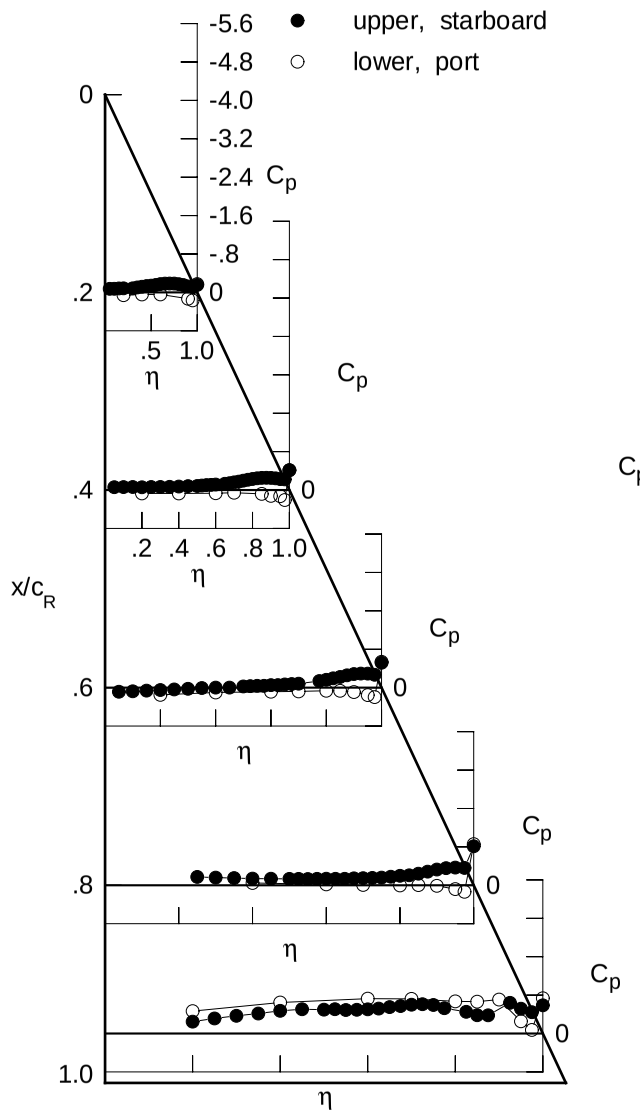


x/c_R	starb'd C_p	port C_p
0.10	0.1228	*******
0.20	0.0114	0.0098
0.30	-0.0667	*******
0.40	-0.1199	-0.1027
0.50	-0.1982	*******
0.60	-0.1657	-0.1717
0.70	-0.3377	*******
0.80	-0.3468	-0.3605
0.90	-0.3505	*******
0.95	-0.2734	-0.3447

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0746	-0.0591	0.0857	*******	*******
0.100	-0.0750	-0.0614	0.0756	*******	*******
0.150	-0.0822	-0.0632	0.0623	*******	*******
0.200	-0.0849	-0.0577	0.0497	*******	-0.2471
0.250	*******	-0.0634	0.0373	-0.1743	-0.3140
0.300	-0.0849	-0.0636	0.0237	-0.1598	-0.3689
0.350	-0.1033	-0.0674	0.0083	-0.1507	-0.4162
0.400	-0.1177	-0.0726	-0.0004	-0.1391	-0.4727
0.450	-0.1317	-0.0815	-0.0005	-0.1364	-0.5053
0.500	-0.1411	-0.0840	-0.0249	-0.1336	-0.4966
0.525	*******	-0.0933	-0.0311	-0.1339	-0.5064
0.550	-0.1541	-0.1032	-0.0380	-0.1306	-0.4893
0.575	*******	-0.1073	-0.0383	-0.1341	-0.4947
0.600	-0.1725	-0.1148	-0.0521	-0.1365	-0.5042
0.625	*******	*******	-0.0531	-0.1348	-0.5188
0.650	-0.1833	-0.1308	-0.0662	-0.1348	-0.5501
0.675	*******	-0.1428	-0.0749	-0.1448	-0.5723
0.700	-0.1846	-0.1598	-0.0827	-0.1482	-0.5998
0.725	*******	-0.1754	*******	-0.1536	-0.6101
0.750	-0.1843	-0.1955	*******	-0.1601	-0.5944
0.775	*******	-0.2145	-0.1375	-0.1784	-0.5268
0.800	-0.1715	-0.2306	-0.1630	-0.1976	*******
0.825	*******	-0.2450	-0.1942	-0.2078	-0.4516
0.850	-0.1530	-0.2539	-0.2222	-0.2413	-0.3810
0.875	*******	-0.2553	-0.2565	-0.2842	-0.3790
0.900	-0.1239	-0.2527	-0.2836	-0.3283	*******
0.925	*******	-0.2437	-0.2932	-0.3568	-0.6395
0.950	-0.1086	-0.2280	-0.2918	-0.3685	-0.5166
0.975	*******	-0.2220	-0.2678	-0.3614	-0.4441
1.000	-0.1555	-0.4150	-0.5193	-0.8127	-0.5868
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0587	0.0701	0.1504	*******	-0.4663
-0.400	0.0433	0.0715	0.1007	-0.0481	-0.6457
-0.600	0.0423	0.0663	0.0849	-0.0192	-0.7262
-0.700	*******	0.0561	0.0783	-0.0070	-0.7212
-0.800	*******	*******	0.0650	0.0028	-0.6699
-0.850	*******	0.0803	0.0659	-0.0037	-0.6636
-0.900	0.1318	0.1214	0.0921	0.0111	-0.7072
-0.950	0.1662	0.1282	0.1550	0.0793	-0.2544
-0.975	*******	0.2083	0.1965	0.1352	-0.0742
-1.000	-0.1733	-0.4109	-0.5382	-0.8573	-0.7345

Surface Pressures



Small Radius L.E.

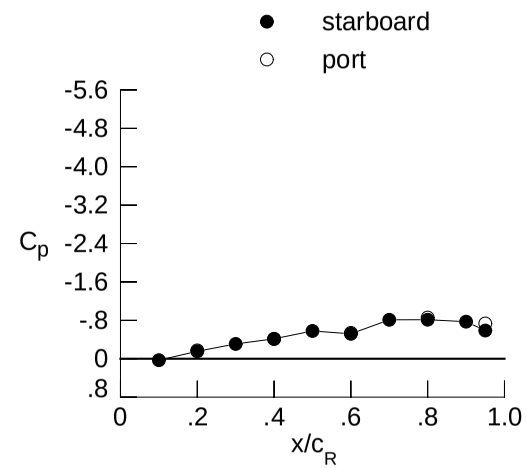
Run No. = 53 , Point No. = 1142

C_N = 0.164, C_m = -0.0387

α = 3.8 °, M_∞ = 0.850

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

Leading Edge Pressures

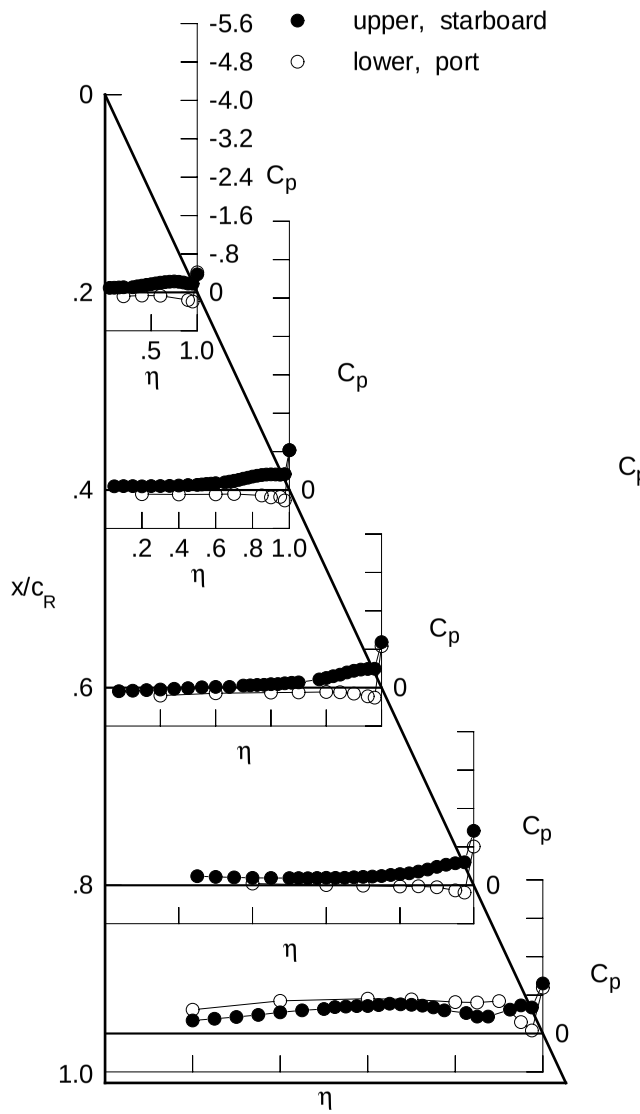


x/c_R	starb'd C_p	port C_p
0.10	0.0307	*******
0.20	-0.1555	-0.1733
0.30	-0.3077	*******
0.40	-0.4150	-0.4109
0.50	-0.5784	*******
0.60	-0.5193	-0.5382
0.70	-0.8108	*******
0.80	-0.8127	-0.8573
0.90	-0.7717	*******
0.95	-0.5868	-0.7345

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0946	-0.0778	0.0742	*******	*******
0.100	-0.0965	-0.0816	0.0640	*******	*******
0.150	-0.1026	-0.0818	0.0509	*******	*******
0.200	-0.1073	-0.0765	0.0393	*******	-0.2713
0.250	*******	-0.0821	0.0239	-0.1897	-0.3073
0.300	-0.1068	-0.0836	0.0102	-0.1746	-0.3444
0.350	-0.1267	-0.0865	-0.0074	-0.1639	-0.3870
0.400	-0.1412	-0.0940	-0.0155	-0.1545	-0.4412
0.450	-0.1571	-0.1038	-0.0152	-0.1518	-0.4822
0.500	-0.1707	-0.1075	-0.0431	-0.1499	-0.5103
0.525	*******	-0.1156	-0.0480	-0.1495	-0.5501
0.550	-0.1868	-0.1263	-0.0561	-0.1476	-0.5609
0.575	*******	-0.1325	-0.0581	-0.1517	-0.5713
0.600	-0.2023	-0.1421	-0.0719	-0.1556	-0.5730
0.625	*******	*******	-0.0741	-0.1547	-0.5919
0.650	-0.2133	-0.1588	-0.0906	-0.1557	-0.6211
0.675	*******	-0.1756	-0.1009	-0.1675	-0.6083
0.700	-0.2220	-0.1932	-0.1099	-0.1756	-0.5980
0.725	*******	-0.2115	*******	-0.1812	-0.5797
0.750	-0.2283	-0.2356	*******	-0.1925	-0.5436
0.775	*******	-0.2564	-0.1712	-0.2155	-0.4822
0.800	-0.2211	-0.2799	-0.2009	-0.2329	*******
0.825	*******	-0.2978	-0.2379	-0.2498	-0.4263
0.850	-0.2056	-0.3126	-0.2704	-0.2852	-0.3524
0.875	*******	-0.3227	-0.3168	-0.3286	-0.3528
0.900	-0.1829	-0.3264	-0.3511	-0.3842	*******
0.925	*******	-0.3242	-0.3759	-0.4277	-0.4970
0.950	-0.1804	-0.3196	-0.3890	-0.4590	-0.5856
0.975	*******	-0.3317	-0.3933	-0.4790	-0.5419
1.000	-0.3757	-0.8279	-0.9481	-1.1345	-1.0428
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0812	0.0863	0.1657	*******	-0.4949
-0.400	0.0653	0.0921	0.1170	-0.0359	-0.6803
-0.600	0.0688	0.0894	0.1032	-0.0042	-0.7253
-0.700	*******	0.0821	0.0991	0.0083	-0.7105
-0.800	*******	*******	0.0904	0.0245	-0.6541
-0.850	*******	0.1128	0.0957	0.0206	-0.6457
-0.900	0.1594	0.1528	0.1241	0.0408	-0.6754
-0.950	0.1903	0.1425	0.1808	0.1063	-0.2379
-0.975	*******	0.2167	0.2082	0.1515	-0.0629
-1.000	-0.4178	-0.8330	-0.8644	-0.8073	-0.9538

Surface Pressures



Small Radius L.E.

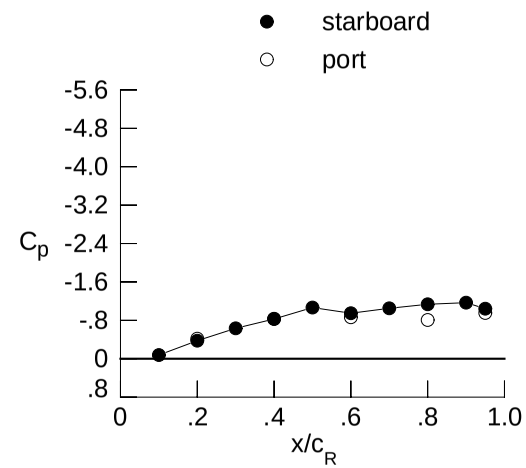
Run No. = 53 , Point No. = 1143

C_N = 0.202, C_m = -0.0426

α = 4.9 °, M_∞ = 0.849

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

Leading Edge Pressures

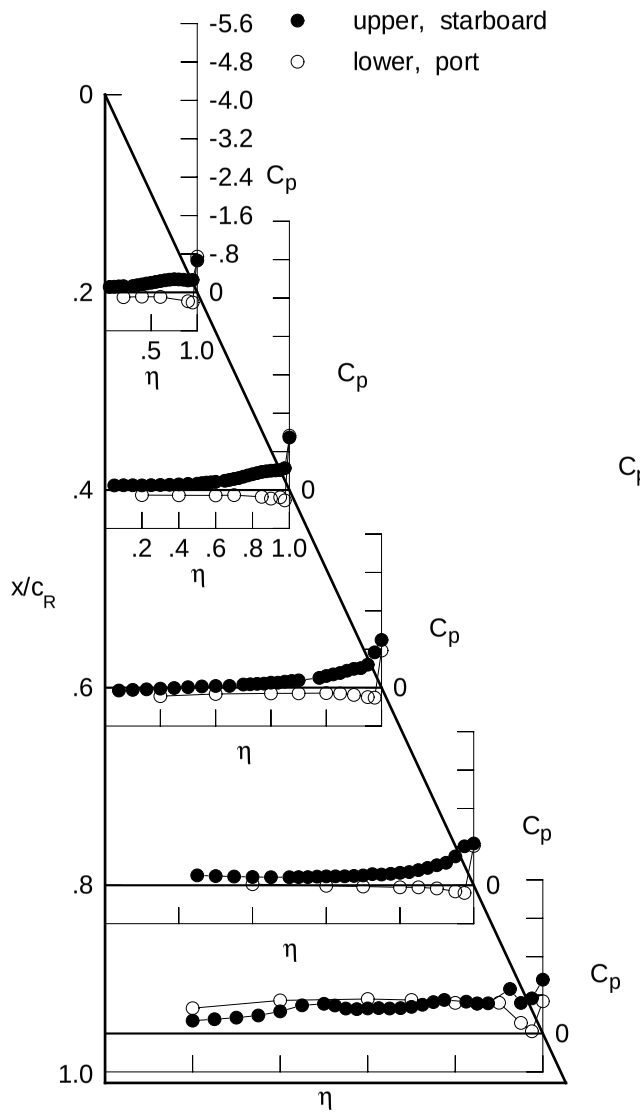


x/c_R	starb'd C_p	port C_p
0.10	-0.0770	*******
0.20	-0.3757	-0.4178
0.30	-0.6335	*******
0.40	-0.8279	-0.8330
0.50	-1.0661	*******
0.60	-0.9481	-0.8644
0.70	-1.0506	*******
0.80	-1.1345	-0.8073
0.90	-1.1680	*******
0.95	-1.0428	-0.9538

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1145	-0.0963	0.0596	*******	*******
0.100	-0.1173	-0.1002	0.0467	*******	*******
0.150	-0.1254	-0.1002	0.0348	*******	*******
0.200	-0.1295	-0.0968	0.0212	*******	-0.2677
0.250	*******	-0.1016	0.0082	-0.2063	-0.2975
0.300	-0.1309	-0.1054	-0.0097	-0.1919	-0.3300
0.350	-0.1495	-0.1099	-0.0250	-0.1827	-0.3752
0.400	-0.1658	-0.1173	-0.0341	-0.1727	-0.4604
0.450	-0.1850	-0.1278	-0.0361	-0.1682	-0.5867
0.500	-0.2004	-0.1324	-0.0649	-0.1681	-0.6196
0.525	*******	-0.1444	-0.0702	-0.1701	-0.5841
0.550	-0.2174	-0.1549	-0.0796	-0.1705	-0.5200
0.575	*******	-0.1617	-0.0834	-0.1805	-0.5078
0.600	-0.2356	-0.1714	-0.1032	-0.1860	-0.5221
0.625	*******	*******	-0.1033	-0.1867	-0.5293
0.650	-0.2519	-0.1927	-0.1243	-0.1873	-0.5211
0.675	*******	-0.2109	-0.1394	-0.1950	-0.5289
0.700	-0.2644	-0.2312	-0.1511	-0.2051	-0.5553
0.725	*******	-0.2492	*******	-0.2319	-0.5989
0.750	-0.2748	-0.2777	*******	-0.2238	-0.6545
0.775	*******	-0.3049	-0.2035	-0.2391	-0.6993
0.800	-0.2697	-0.3297	-0.2425	-0.2589	*******
0.825	*******	-0.3529	-0.2758	-0.2754	-0.6630
0.850	-0.2636	-0.3766	-0.3050	-0.3160	-0.6215
0.875	*******	-0.3901	-0.3529	-0.3612	-0.6292
0.900	-0.2484	-0.4023	-0.3919	-0.4176	*******
0.925	*******	-0.4087	-0.4062	-0.4691	-0.9274
0.950	-0.2603	-0.4161	-0.4780	-0.6014	-0.6372
0.975	*******	-0.4559	-0.7349	-0.8117	-0.7321
1.000	-0.6641	-1.0945	-0.9938	-0.8704	-1.1214
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0997	0.1056	0.1775	*******	-0.5273
-0.400	0.0880	0.1098	0.1321	-0.0227	-0.6897
-0.600	0.0947	0.1120	0.1200	0.0106	-0.7188
-0.700	*******	0.1061	0.1183	0.0257	-0.6982
-0.800	*******	*******	0.1132	0.0424	-0.6382
-0.850	*******	0.1419	0.1209	0.0425	-0.6268
-0.900	0.1846	0.1784	0.1509	0.0657	-0.6408
-0.950	0.2102	0.1513	0.1967	0.1272	-0.2204
-0.975	*******	0.2150	0.2085	0.1592	-0.0463
-1.000	-0.7448	-1.1317	-0.7726	-0.8201	-0.6710

Surface Pressures



Small Radius L.E.

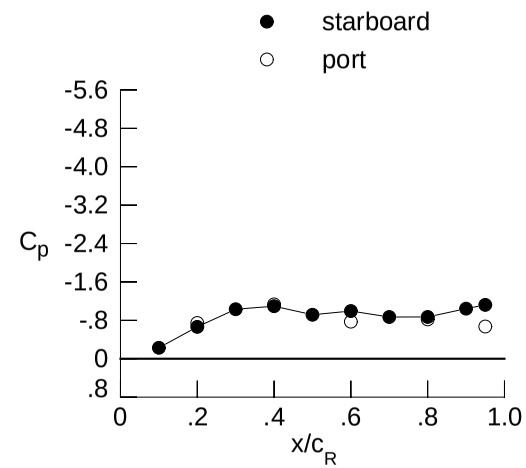
Run No. = 53 , Point No. = 1144

C_N = 0.252, C_m = -0.0532

α = 5.9 °, M_∞ = 0.849

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

Leading Edge Pressures

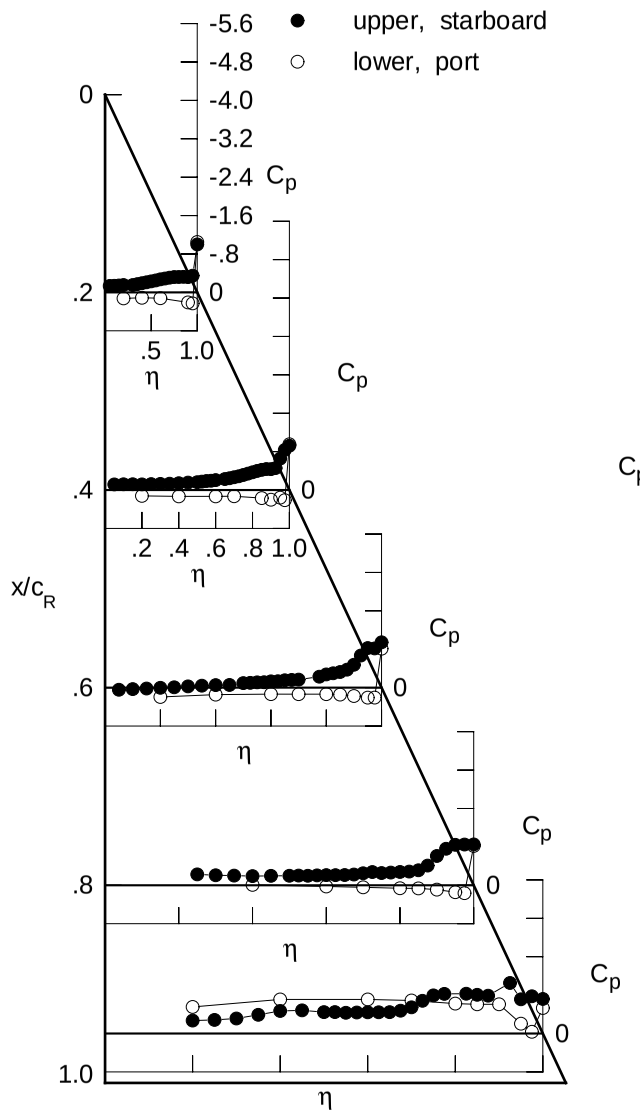


x/c_R	starb'd C_p	port C_p
0.10	-0.2282	*******
0.20	-0.6641	-0.7448
0.30	-1.0312	*******
0.40	-1.0945	-1.1317
0.50	-0.9164	*******
0.60	-0.9938	-0.7726
0.70	-0.8692	*******
0.80	-0.8704	-0.8201
0.90	-1.0430	*******
0.95	-1.1214	-0.6710

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1342	-0.1170	0.0440	*******	*******
0.100	-0.1379	-0.1204	0.0306	*******	*******
0.150	-0.1443	-0.1210	0.0184	*******	*******
0.200	-0.1536	-0.1174	0.0034	*******	-0.2694
0.250	*******	-0.1242	-0.0076	-0.2274	-0.2832
0.300	-0.1532	-0.1277	-0.0264	-0.2092	-0.3128
0.350	-0.1722	-0.1317	-0.0406	-0.2020	-0.3895
0.400	-0.1910	-0.1423	-0.0532	-0.1911	-0.4699
0.450	-0.2104	-0.1551	-0.0558	-0.1965	-0.4826
0.500	-0.2298	-0.1634	-0.0944	-0.1985	-0.4454
0.525	*******	-0.1750	-0.1002	-0.2024	-0.4463
0.550	-0.2490	-0.1880	-0.1107	-0.1984	-0.4320
0.575	*******	-0.1936	-0.1125	-0.2067	-0.4379
0.600	-0.2716	-0.2071	-0.1314	-0.2117	-0.4419
0.625	*******	*******	-0.1340	-0.2110	-0.4423
0.650	-0.2892	-0.2286	-0.1537	-0.2135	-0.4448
0.675	*******	-0.2456	-0.1609	-0.2239	-0.4756
0.700	-0.3065	-0.2666	-0.1675	-0.2501	-0.5459
0.725	*******	-0.2860	*******	-0.2762	-0.6815
0.750	-0.3200	-0.3138	*******	-0.2555	-0.7947
0.775	*******	-0.3418	-0.2281	-0.2645	-0.8259
0.800	-0.3211	-0.3695	-0.2755	-0.2773	*******
0.825	*******	-0.3973	-0.2989	-0.2860	-0.8291
0.850	-0.3239	-0.4205	-0.3256	-0.3126	-0.8065
0.875	*******	-0.4380	-0.3743	-0.4107	-0.7882
0.900	-0.3187	-0.4355	-0.4765	-0.6104	*******
0.925	*******	-0.4574	-0.6690	-0.7611	-1.0532
0.950	-0.3480	-0.6550	-0.8249	-0.8434	-0.7126
0.975	*******	-0.8350	-0.8171	-0.8487	-0.7759
1.000	-0.9991	-0.9232	-0.9446	-0.8509	-0.7200
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1251	0.1218	0.1947	*******	-0.5532
-0.400	0.1118	0.1323	0.1455	-0.0085	-0.7099
-0.600	0.1215	0.1317	0.1353	0.0244	-0.7100
-0.700	*******	0.1292	0.1362	0.0423	-0.6877
-0.800	*******	*******	0.1358	0.0620	-0.6229
-0.850	*******	0.1681	0.1448	0.0644	-0.6085
-0.900	0.2089	0.2018	0.1745	0.0903	-0.6089
-0.950	0.2290	0.1584	0.2079	0.1441	-0.2052
-0.975	*******	0.2112	0.2072	0.1637	-0.0363
-1.000	-1.0494	-0.9538	-0.8114	-0.8188	-0.5312

Surface Pressures



Small Radius L.E.

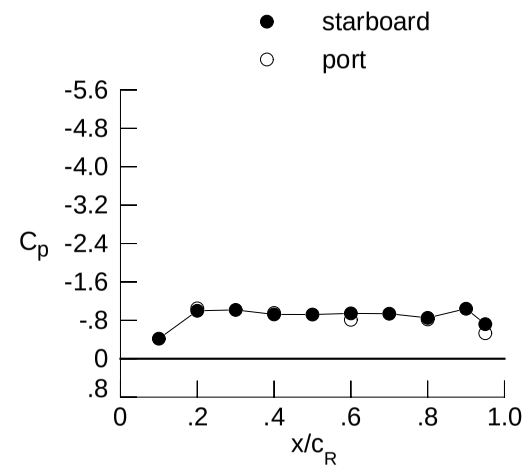
Run No. = 53 , Point No. = 1145

C_N = 0.310, C_m = -0.0690

α = 7.0 °, M_∞ = 0.848

R_{mac} = 24.1×10^6

Leading Edge Pressures

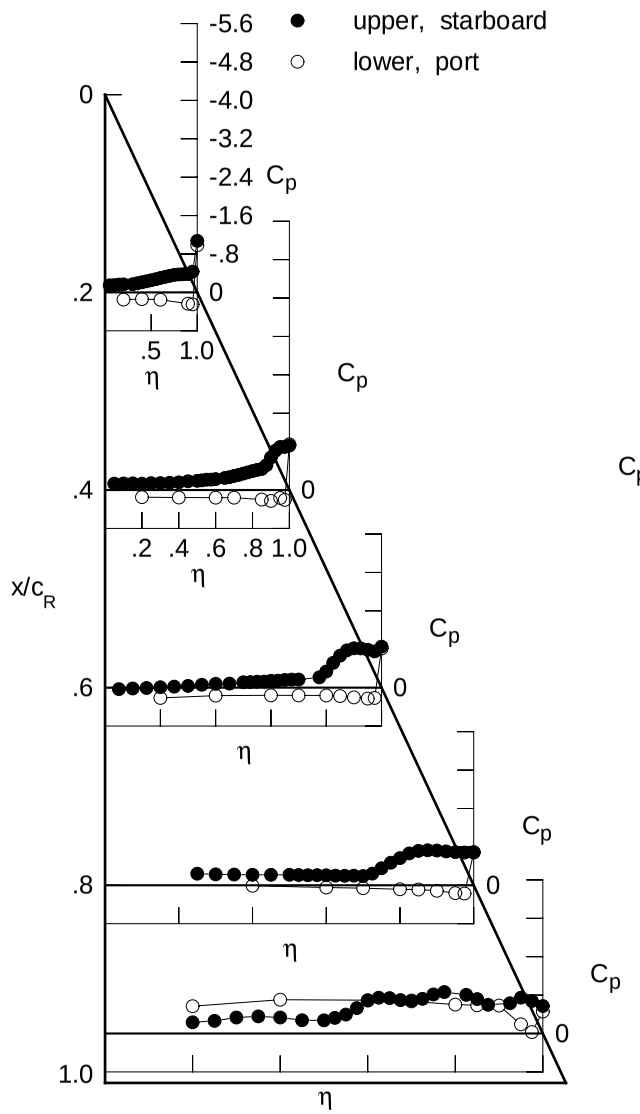


x/c_R	starb'd C_p	port C_p
0.10	-0.4174	*******
0.20	-0.9991	-1.0494
0.30	-1.0166	*******
0.40	-0.9232	-0.9538
0.50	-0.9207	*******
0.60	-0.9446	-0.8114
0.70	-0.9378	*******
0.80	-0.8509	-0.8188
0.90	-1.0419	*******
0.95	-0.7200	-0.5312

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1476	-0.1336	0.0314	*******	*******
0.100	-0.1514	-0.1366	0.0173	*******	*******
0.150	-0.1626	-0.1392	0.0076	*******	*******
0.200	-0.1673	-0.1332	-0.0088	*******	-0.2338
0.250	*******	-0.1430	-0.0209	-0.2418	-0.2631
0.300	-0.1706	-0.1437	-0.0363	-0.2278	-0.3339
0.350	-0.1908	-0.1508	-0.0603	-0.2238	-0.3568
0.400	-0.2107	-0.1608	-0.0798	-0.2185	-0.3335
0.450	-0.2315	-0.1829	-0.0844	-0.2181	-0.2757
0.500	-0.2526	-0.1917	-0.1122	-0.2184	-0.2742
0.525	*******	-0.2018	-0.1163	-0.2142	-0.3256
0.550	-0.2748	-0.2152	-0.1237	-0.2097	-0.3942
0.575	*******	-0.2165	-0.1258	-0.2108	-0.5299
0.600	-0.2997	-0.2278	-0.1426	-0.2089	-0.6860
0.625	*******	*******	-0.1449	-0.2009	-0.7460
0.650	-0.3227	-0.2522	-0.1604	-0.1973	-0.7373
0.675	*******	-0.2686	-0.1670	-0.2006	-0.6955
0.700	-0.3437	-0.2937	-0.1688	-0.1926	-0.6864
0.725	*******	-0.3154	*******	-0.2429	-0.7223
0.750	-0.3647	-0.3431	*******	-0.3550	-0.8135
0.775	*******	-0.3688	-0.2141	-0.4697	-0.8639
0.800	-0.3737	-0.3956	-0.3358	-0.5668	*******
0.825	*******	-0.4193	-0.5162	-0.6636	-0.8054
0.850	-0.3790	-0.4388	-0.6660	-0.7170	-0.7174
0.875	*******	-0.5167	-0.7775	-0.7294	-0.5981
0.900	-0.3812	-0.6795	-0.8196	-0.7238	*******
0.925	*******	-0.8212	-0.8170	-0.7053	-0.6304
0.950	-0.4335	-0.8976	-0.7890	-0.6909	-0.7474
0.975	*******	-0.8973	-0.7545	-0.6822	-0.6773
1.000	-1.0738	-0.9262	-0.8537	-0.6919	-0.5718
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1497	0.1483	0.2145	*******	-0.5687
-0.400	0.1398	0.1563	0.1665	0.0099	-0.7040
-0.600	0.1532	0.1584	0.1598	0.0462	-0.6942
-0.700	*******	0.1592	0.1613	0.0599	-0.6693
-0.800	*******	*******	0.1630	0.0833	-0.6026
-0.850	*******	0.1986	0.1756	0.0882	-0.5889
-0.900	0.2353	0.2272	0.2029	0.1142	-0.5825
-0.950	0.2499	0.1645	0.2277	0.1633	-0.1908
-0.975	*******	0.2056	0.2144	0.1708	-0.0298
-1.000	-0.9814	-0.9526	-0.8141	-0.6814	-0.4569

Surface Pressures



Small Radius L.E.

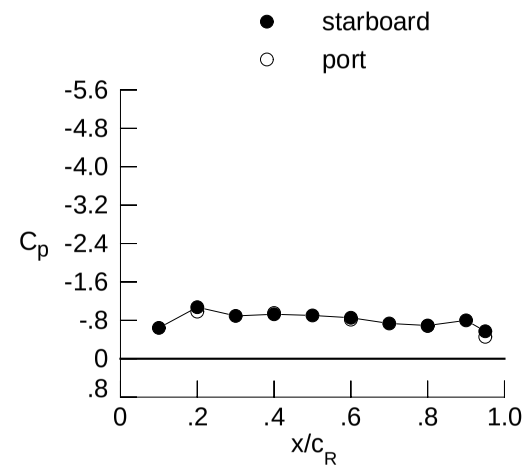
Run No. = 53 , Point No. = 1146

C_N = 0.370, C_m = -0.0835

α = 8.0 °, M_∞ = 0.849

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

Leading Edge Pressures

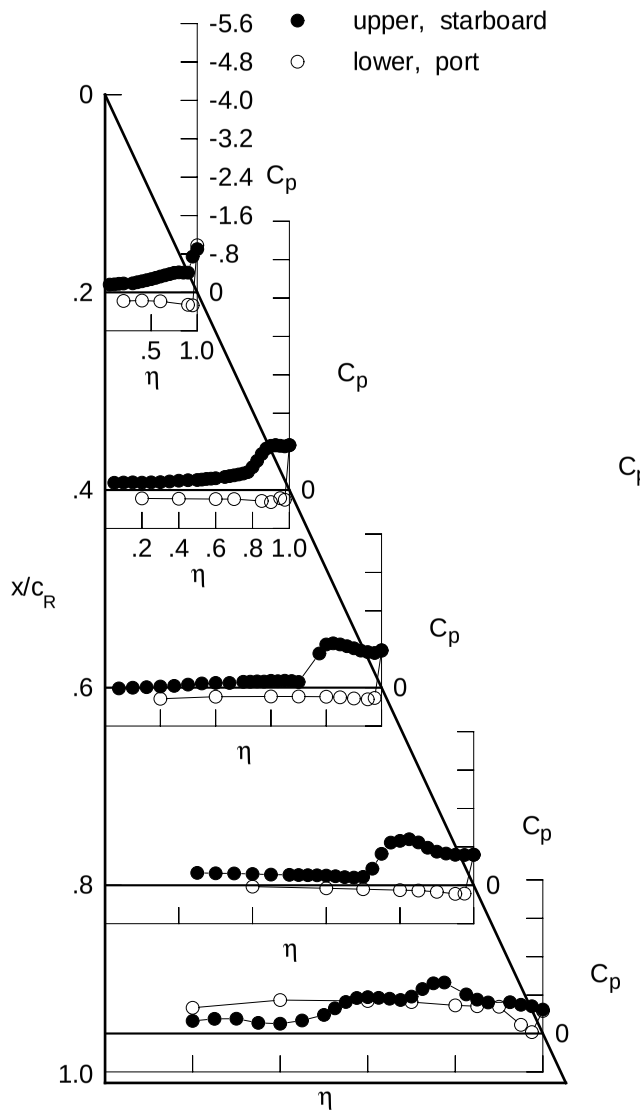


x/c_R	starb'd C_p	port C_p
0.10	-0.6421	*******
0.20	-1.0738	-0.9814
0.30	-0.8918	*******
0.40	-0.9262	-0.9526
0.50	-0.9016	*******
0.60	-0.8537	-0.8141
0.70	-0.7347	*******
0.80	-0.6919	-0.6814
0.90	-0.7994	*******
0.95	-0.5718	-0.4569

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1628	-0.1511	0.0156	*******	*******
0.100	-0.1674	-0.1558	0.0018	*******	*******
0.150	-0.1791	-0.1597	-0.0099	*******	*******
0.200	-0.1847	-0.1535	-0.0231	*******	-0.2626
0.250	*******	-0.1601	-0.0364	-0.2585	-0.3056
0.300	-0.1890	-0.1638	-0.0635	-0.2498	-0.3078
0.350	-0.2109	-0.1784	-0.0871	-0.2467	-0.2212
0.400	-0.2313	-0.1947	-0.0986	-0.2349	-0.2037
0.450	-0.2535	-0.2045	-0.0976	-0.2224	-0.2715
0.500	-0.2760	-0.2087	-0.1214	-0.2177	-0.3869
0.525	*******	-0.2173	-0.1237	-0.2137	-0.5251
0.550	-0.3024	-0.2313	-0.1308	-0.2108	-0.6566
0.575	*******	-0.2367	-0.1265	-0.2078	-0.7397
0.600	-0.3301	-0.2455	-0.1424	-0.2016	-0.7573
0.625	*******	*******	-0.1347	-0.1885	-0.7435
0.650	-0.3564	-0.2723	-0.1441	-0.1698	-0.7244
0.675	*******	-0.2893	-0.1374	-0.1604	-0.6985
0.700	-0.3811	-0.3060	-0.1183	-0.1756	-0.7692
0.725	*******	-0.3237	*******	-0.3458	-0.9267
0.750	-0.4068	-0.3443	*******	-0.6551	-1.0459
0.775	*******	-0.3741	-0.7114	-0.8889	-1.0621
0.800	-0.4177	-0.4764	-0.8989	-0.9256	*******
0.825	*******	-0.6091	-0.9228	-0.9591	-0.8146
0.850	-0.4115	-0.7506	-0.8999	-0.8929	-0.7056
0.875	*******	-0.8648	-0.8628	-0.7826	-0.6467
0.900	-0.4109	-0.9215	-0.8202	-0.6998	*******
0.925	*******	-0.9377	-0.7715	-0.6604	-0.6523
0.950	-0.7449	-0.9224	-0.7405	-0.6352	-0.5987
0.975	*******	-0.9095	-0.7218	-0.6313	-0.5679
1.000	-0.9006	-0.9319	-0.7807	-0.6385	-0.4985
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1785	0.1746	0.2320	*******	-0.5363
-0.400	0.1701	0.1818	0.1888	0.0278	-0.6965
-0.600	0.1854	0.1882	0.1841	0.0624	-0.6768
-0.700	*******	0.1889	0.1849	0.0819	-0.6550
-0.800	*******	*******	0.1893	0.1018	-0.5860
-0.850	*******	0.2282	0.2012	0.1097	-0.5687
-0.900	0.2587	0.2515	0.2256	0.1361	-0.5578
-0.950	0.2695	0.1695	0.2433	0.1780	-0.1804
-0.975	*******	0.2032	0.2149	0.1740	-0.0285
-1.000	-0.9815	-0.9380	-0.7677	-0.6346	-0.4698

Surface Pressures



Small Radius L.E.

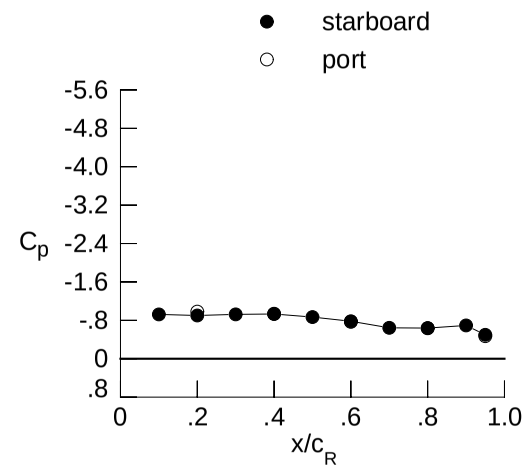
Run No. = 53 , Point No. = 1147

C_N = 0.429, C_m = -0.0938

α = 9.0 °, M_∞ = 0.850

R_{mac} = 24.0×10^6

Leading Edge Pressures

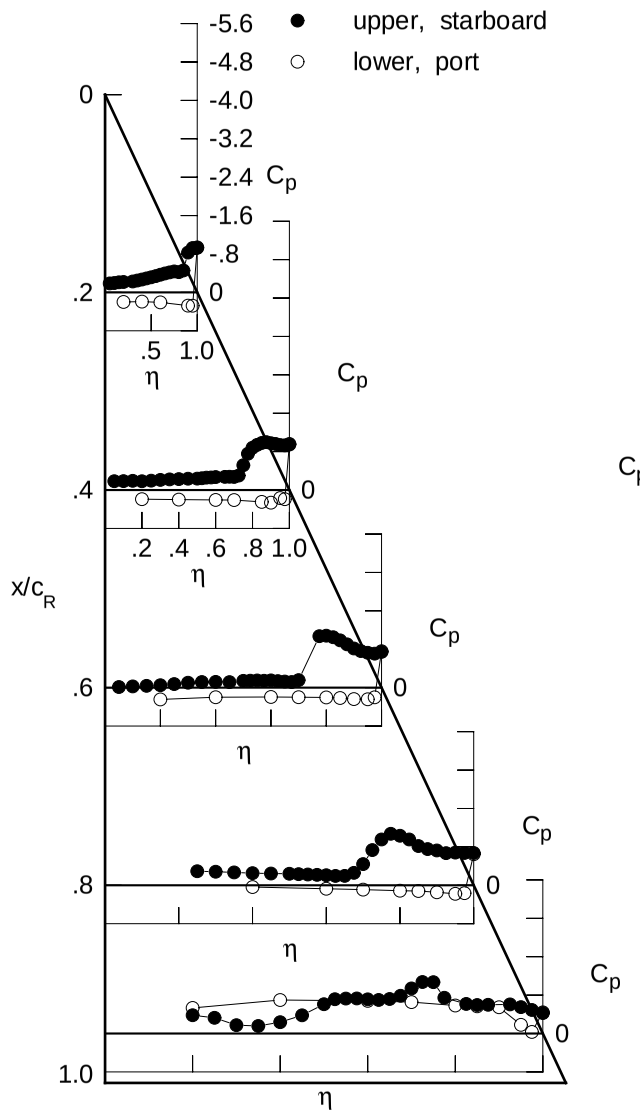


x/c_R	starb'd C_p	port C_p
0.10	-0.9235	*******
0.20	-0.9006	-0.9815
0.30	-0.9242	*******
0.40	-0.9319	-0.9380
0.50	-0.8679	*******
0.60	-0.7807	-0.7677
0.70	-0.6440	*******
0.80	-0.6385	-0.6346
0.90	-0.6933	*******
0.95	-0.4985	-0.4698

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1874	-0.1843	-0.0131	*******	*******
0.100	-0.1956	-0.1854	-0.0253	*******	*******
0.150	-0.2108	-0.1921	-0.0379	*******	*******
0.200	-0.2172	-0.1834	-0.0504	*******	-0.3805
0.250	*******	-0.1955	-0.0741	-0.2927	-0.3270
0.300	-0.2269	-0.2108	-0.1022	-0.2828	-0.1737
0.350	-0.2473	-0.2218	-0.1166	-0.2679	-0.1572
0.400	-0.2682	-0.2276	-0.1200	-0.2525	-0.2361
0.450	-0.2909	-0.2363	-0.1152	-0.2451	-0.3790
0.500	-0.3147	-0.2380	-0.1417	-0.2401	-0.6100
0.525	*******	-0.2456	-0.1451	-0.2316	-0.7145
0.550	-0.3392	-0.2584	-0.1499	-0.2245	-0.7281
0.575	*******	-0.2619	-0.1431	-0.2172	-0.7302
0.600	-0.3677	-0.2706	-0.1508	-0.2100	-0.7123
0.625	*******	*******	-0.1359	-0.1950	-0.6989
0.650	-0.3941	-0.2742	-0.1270	-0.1958	-0.7195
0.675	*******	-0.2771	-0.1168	-0.2588	-0.7864
0.700	-0.4171	-0.2726	-0.1571	-0.4420	-0.9394
0.725	*******	-0.3018	*******	-0.7339	-1.0727
0.750	-0.4364	-0.5170	*******	-0.9541	-1.0696
0.775	*******	-0.7558	-1.0720	-1.0729	-0.7447
0.800	-0.4217	-0.8814	-1.0827	-1.0318	*******
0.825	*******	-0.9406	-1.0508	-0.9542	-0.6156
0.850	-0.4571	-0.9812	-0.9858	-0.8172	-0.5932
0.875	*******	-0.9972	-0.9026	-0.7546	-0.5986
0.900	-0.8300	-0.9753	-0.8160	-0.7257	*******
0.925	*******	-0.9596	-0.7627	-0.6700	-0.6064
0.950	-0.9242	-0.9372	-0.7265	-0.6809	-0.5500
0.975	*******	-0.9309	-0.7083	-0.6738	-0.4900
1.000	-0.9277	-0.9478	-0.7448	-0.6729	-0.4264
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1995	0.1907	0.2460	*******	-0.5326
-0.400	0.1923	0.1992	0.1996	0.0367	-0.6979
-0.600	0.2080	0.2064	0.1948	0.0723	-0.6799
-0.700	*******	0.2088	0.1993	0.0904	-0.6546
-0.800	*******	*******	0.2043	0.1132	-0.5831
-0.850	*******	0.2471	0.2156	0.1196	-0.5663
-0.900	0.2757	0.2631	0.2381	0.1452	-0.5471
-0.950	0.2776	0.1672	0.2426	0.1773	-0.1807
-0.975	*******	0.1901	0.2017	0.1638	-0.0325
-1.000	-0.9380	-0.9600	-0.7594	-0.6470	-0.4405

Surface Pressures



Small Radius L.E.

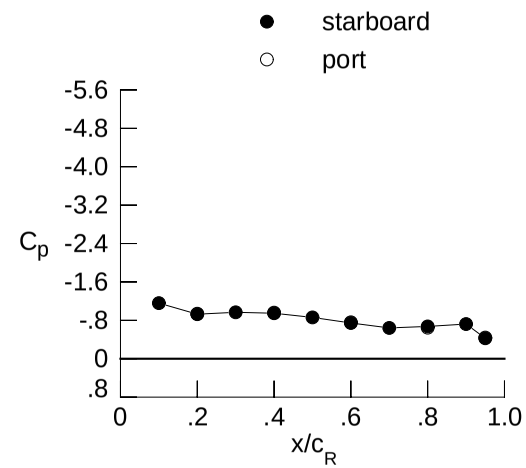
Run No. = 53 , Point No. = 1148

C_N = 0.482, C_m = -0.1017

α = 10.0 °, M_∞ = 0.849

R_{mac} = 24.0×10^6

Leading Edge Pressures

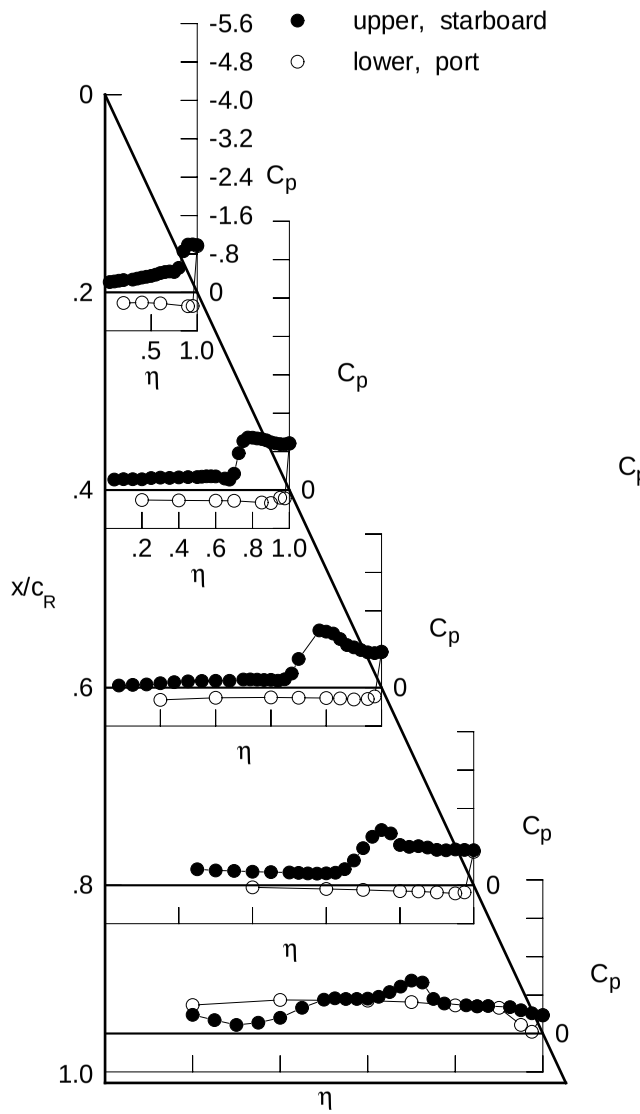


x/c_R	starb'd C_p	port C_p
0.10	-1.1587	*******
0.20	-0.9277	-0.9380
0.30	-0.9673	*******
0.40	-0.9478	-0.9600
0.50	-0.8607	*******
0.60	-0.7448	-0.7594
0.70	-0.6417	*******
0.80	-0.6729	-0.6470
0.90	-0.7226	*******
0.95	-0.4264	-0.4405

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2151	-0.2181	-0.0440	*******	*******
0.100	-0.2275	-0.2261	-0.0572	*******	*******
0.150	-0.2429	-0.2257	-0.0662	*******	*******
0.200	-0.2568	-0.2237	-0.0920	*******	-0.3888
0.250	*******	-0.2496	-0.1146	-0.3336	-0.2792
0.300	-0.2667	-0.2584	-0.1314	-0.3090	-0.1782
0.350	-0.2871	-0.2529	-0.1391	-0.2994	-0.2251
0.400	-0.3089	-0.2634	-0.1426	-0.2828	-0.3271
0.450	-0.3254	-0.2698	-0.1425	-0.2741	-0.5357
0.500	-0.3433	-0.2697	-0.1695	-0.2665	-0.7045
0.525	*******	-0.2773	-0.1713	-0.2587	-0.7337
0.550	-0.3686	-0.2865	-0.1668	-0.2470	-0.7193
0.575	*******	-0.2868	-0.1588	-0.2427	-0.7204
0.600	-0.4023	-0.2843	-0.1627	-0.2489	-0.7266
0.625	*******	*******	-0.1438	-0.2618	-0.7648
0.650	-0.4239	-0.2396	-0.1742	-0.3357	-0.8630
0.675	*******	-0.2165	-0.2947	-0.5169	-0.9766
0.700	-0.4359	-0.3400	-0.5973	-0.7732	-1.1021
0.725	*******	-0.7668	*******	-1.0102	-1.0620
0.750	-0.4251	-1.0201	*******	-1.1513	-0.7197
0.775	*******	-1.0936	-1.1924	-1.0796	-0.6251
0.800	-0.5115	-1.0901	-1.1662	-0.8397	*******
0.825	*******	-1.0742	-1.1275	-0.8007	-0.5874
0.850	-0.8580	-1.0630	-1.0129	-0.8151	-0.5678
0.875	*******	-1.0359	-0.8874	-0.7866	-0.5727
0.900	-0.9956	-0.9944	-0.8391	-0.7377	*******
0.925	*******	-0.9720	-0.7842	-0.7287	-0.5498
0.950	-0.9999	-0.9565	-0.7361	-0.7465	-0.4847
0.975	*******	-0.9520	-0.7195	-0.7367	-0.4217
1.000	-0.9847	-0.9654	-0.7381	-0.7310	-0.3756
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2204	0.2080	0.2553	*******	-0.5925
-0.400	0.2110	0.2159	0.2115	0.0432	-0.6994
-0.600	0.2289	0.2217	0.2037	0.0769	-0.6846
-0.700	*******	0.2244	0.2107	0.0959	-0.6543
-0.800	*******	*******	0.2169	0.1221	-0.5856
-0.850	*******	0.2596	0.2249	0.1276	-0.5652
-0.900	0.2883	0.2712	0.2465	0.1480	-0.5352
-0.950	0.2832	0.1599	0.2368	0.1689	-0.1796
-0.975	*******	0.1734	0.1828	0.1475	-0.0363
-1.000	-0.9633	-0.9775	-0.7496	-0.6966	-0.3855

Surface Pressures



Small Radius L.E.

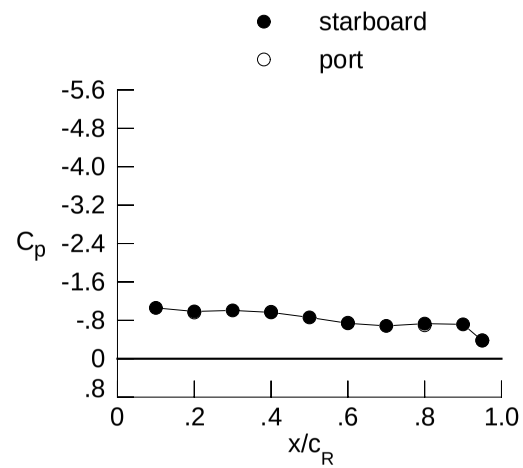
Run No. = 53 , Point No. = 1149

C_N = 0.534, C_m = -0.1085

α = 11.0 °, M_∞ = 0.850

R_{mac} = 24.0×10^6

Leading Edge Pressures

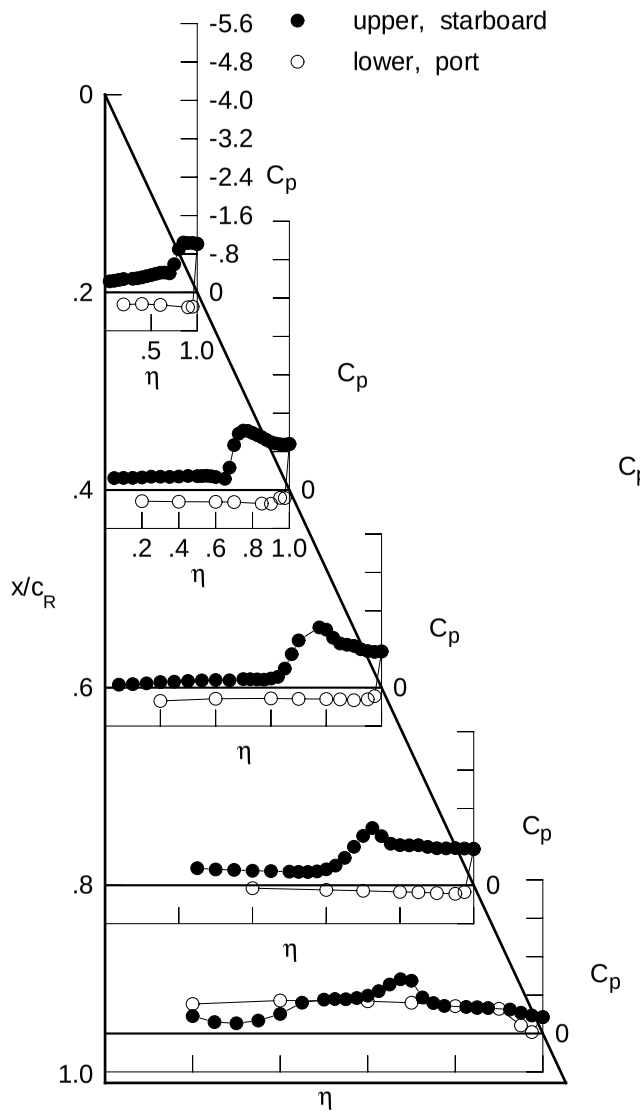


x/c_R	starb'd C_p	port C_p
0.10	-1.0593	*******
0.20	-0.9847	-0.9633
0.30	-1.0066	*******
0.40	-0.9654	-0.9775
0.50	-0.8604	*******
0.60	-0.7381	-0.7496
0.70	-0.6840	*******
0.80	-0.7310	-0.6966
0.90	-0.7161	*******
0.95	-0.3756	-0.3855

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2304	-0.2497	-0.0613	*******	*******
0.100	-0.2423	-0.2529	-0.0725	*******	*******
0.150	-0.2591	-0.2538	-0.0894	*******	*******
0.200	-0.2785	-0.2617	-0.1164	*******	-0.3628
0.250	*******	-0.2786	-0.1239	-0.3557	-0.2377
0.300	-0.2844	-0.2773	-0.1393	-0.3292	-0.2125
0.350	-0.2941	-0.2737	-0.1508	-0.3205	-0.2693
0.400	-0.3137	-0.2819	-0.1589	-0.3028	-0.4075
0.450	-0.3377	-0.2936	-0.1529	-0.2949	-0.6427
0.500	-0.3611	-0.2902	-0.1777	-0.2841	-0.7054
0.525	*******	-0.2916	-0.1753	-0.2791	-0.7182
0.550	-0.3865	-0.2977	-0.1720	-0.2769	-0.7137
0.575	*******	-0.2876	-0.1658	-0.2893	-0.7391
0.600	-0.4108	-0.2707	-0.1899	-0.3322	-0.7880
0.625	*******	*******	-0.2249	-0.4093	-0.8828
0.650	-0.4133	-0.2343	-0.3972	-0.5710	-1.0211
0.675	*******	-0.4662	-0.6968	-0.8014	-1.1301
0.700	-0.3970	-0.9364	-0.9837	-1.0277	-1.0994
0.725	*******	-1.1744	*******	-1.1937	-0.7510
0.750	-0.5865	-1.2387	*******	-1.0235	-0.6346
0.775	*******	-1.2312	-1.2548	-0.8659	-0.5746
0.800	-0.8971	-1.1889	-1.2091	-0.8368	*******
0.825	*******	-1.1464	-1.0395	-0.8322	-0.5534
0.850	-1.0391	-1.1009	-0.9200	-0.8354	-0.5323
0.875	*******	-1.0466	-0.8940	-0.8003	-0.5300
0.900	-1.0277	-0.9972	-0.8700	-0.7717	*******
0.925	*******	-0.9705	-0.7996	-0.7690	-0.4996
0.950	-1.0305	-0.9528	-0.7621	-0.7750	-0.4325
0.975	*******	-0.9470	-0.7447	-0.7654	-0.3758
1.000	-1.0159	-0.9562	-0.7550	-0.7612	-0.3397
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2515	0.2317	0.2772	*******	-0.6141
-0.400	0.2415	0.2434	0.2315	0.0605	-0.6874
-0.600	0.2604	0.2459	0.2243	0.0967	-0.6723
-0.700	*******	0.2514	0.2343	0.1143	-0.6404
-0.800	*******	*******	0.2376	0.1383	-0.5707
-0.850	*******	0.2826	0.2444	0.1450	-0.5486
-0.900	0.3104	0.2865	0.2625	0.1630	-0.5145
-0.950	0.2983	0.1628	0.2438	0.1768	-0.1683
-0.975	*******	0.1663	0.1758	0.1405	-0.0296
-1.000	-1.0032	-0.9622	-0.7513	-0.7511	-0.3418

Surface Pressures



Small Radius L.E.

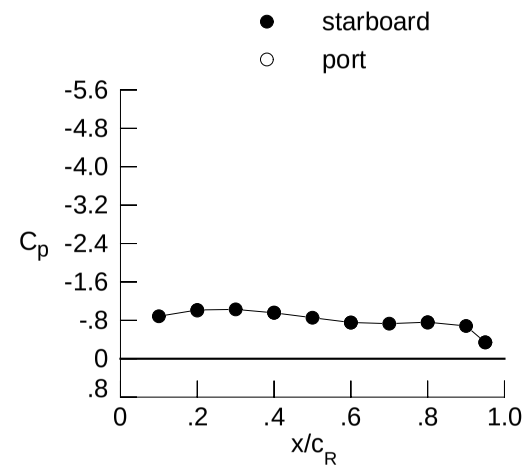
Run No. = 53 , Point No. = 1150

C_N = 0.581, C_m = -0.1120

α = 12.1 °, M_∞ = 0.851

R_{mac} = 24.0×10^6

Leading Edge Pressures

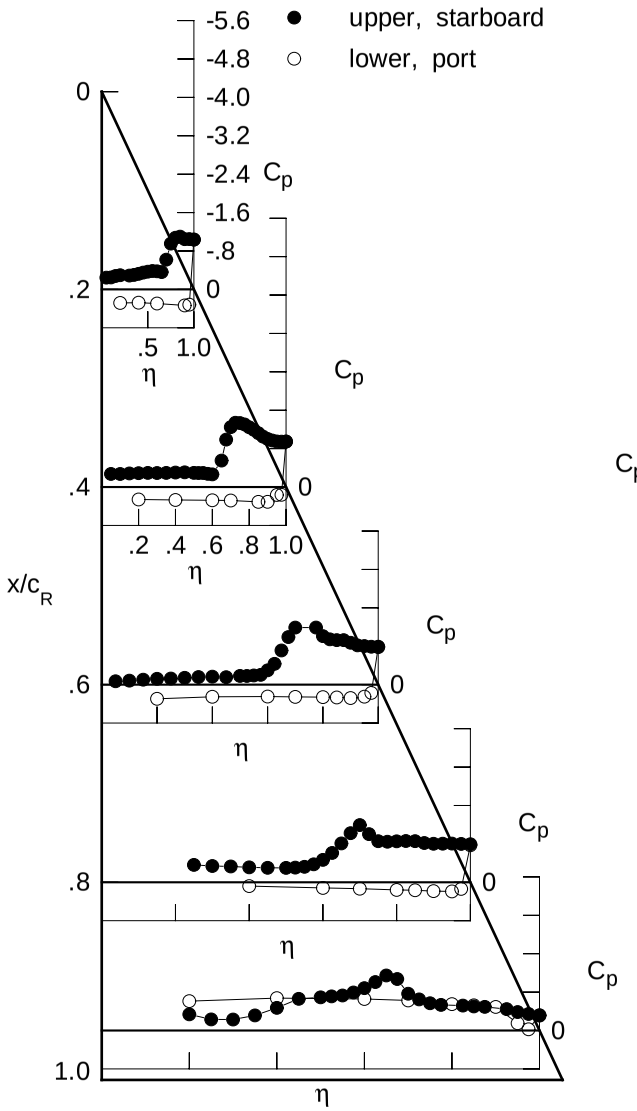


x/c_R	starb'd C_p	port C_p
0.10	-0.8850	*******
0.20	-1.0159	-1.0032
0.30	-1.0277	*******
0.40	-0.9562	-0.9622
0.50	-0.8544	*******
0.60	-0.7550	-0.7513
0.70	-0.7306	*******
0.80	-0.7612	-0.7511
0.90	-0.6826	*******
0.95	-0.3397	-0.3418

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2446	-0.2728	-0.0705	*******	*******
0.100	-0.2489	-0.2719	-0.0830	*******	*******
0.150	-0.2791	-0.2836	-0.1029	*******	*******
0.200	-0.2948	-0.2888	-0.1214	*******	-0.3370
0.250	*******	-0.2946	-0.1274	-0.3622	-0.2312
0.300	-0.2879	-0.2920	-0.1426	-0.3395	-0.2291
0.350	-0.3019	-0.2941	-0.1580	-0.3294	-0.3143
0.400	-0.3239	-0.3014	-0.1663	-0.3112	-0.4717
0.450	-0.3495	-0.3068	-0.1552	-0.3018	-0.6600
0.500	-0.3692	-0.2953	-0.1813	-0.2997	-0.6909
0.525	*******	-0.2923	-0.1804	-0.3054	-0.7113
0.550	-0.3830	-0.2926	-0.1915	-0.3224	-0.7296
0.575	*******	-0.2749	-0.2040	-0.3742	-0.7920
0.600	-0.3768	-0.2643	-0.2988	-0.4669	-0.8827
0.625	*******	*******	-0.4333	-0.6114	-1.0092
0.650	-0.3609	-0.5511	-0.7118	-0.8094	-1.1465
0.675	*******	-0.9880	-0.9915	-1.0233	-1.0725
0.700	-0.6189	-1.2480	-1.1891	-1.1918	-0.7667
0.725	*******	-1.3396	*******	-1.0029	-0.6477
0.750	-0.9535	-1.3324	*******	-0.8563	-0.5682
0.775	*******	-1.3043	-1.1892	-0.8452	-0.5335
0.800	-1.0762	-1.2453	-1.0106	-0.8535	*******
0.825	*******	-1.1918	-0.9440	-0.8598	-0.5192
0.850	-1.0993	-1.1213	-0.9272	-0.8571	-0.5017
0.875	*******	-1.0506	-0.9269	-0.8186	-0.4930
0.900	-1.0462	-1.0020	-0.8725	-0.8025	*******
0.925	*******	-0.9694	-0.8182	-0.8040	-0.4452
0.950	-1.0483	-0.9497	-0.8039	-0.8067	-0.3850
0.975	*******	-0.9457	-0.7899	-0.7991	-0.3448
1.000	-1.0386	-0.9463	-0.7905	-0.7929	-0.3106
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2828	0.2593	0.2954	*******	-0.6121
-0.400	0.2770	0.2694	0.2532	0.0793	-0.6748
-0.600	0.2945	0.2763	0.2480	0.1174	-0.6567
-0.700	*******	0.2806	0.2553	0.1334	-0.6261
-0.800	*******	*******	0.2603	0.1590	-0.5496
-0.850	*******	0.3086	0.2670	0.1658	-0.5247
-0.900	0.3344	0.3079	0.2794	0.1843	-0.4911
-0.950	0.3175	0.1645	0.2502	0.1902	-0.1510
-0.975	*******	0.1618	0.1716	0.1379	-0.0259
-1.000	-1.0370	-0.9487	-0.7818	-0.7708	-0.3194

Surface Pressures



Small Radius L.E.

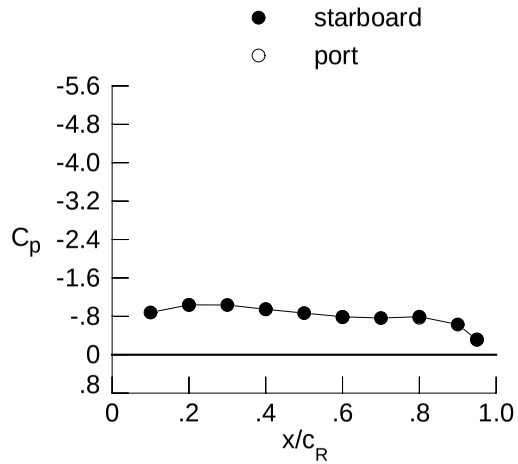
Run No. = 53 , Point No. = 1151

C_N = 0.633, C_m = -0.1184

α = 13.1 °, M_∞ = 0.849

R_{mac} = 24.0×10^6

Leading Edge Pressures

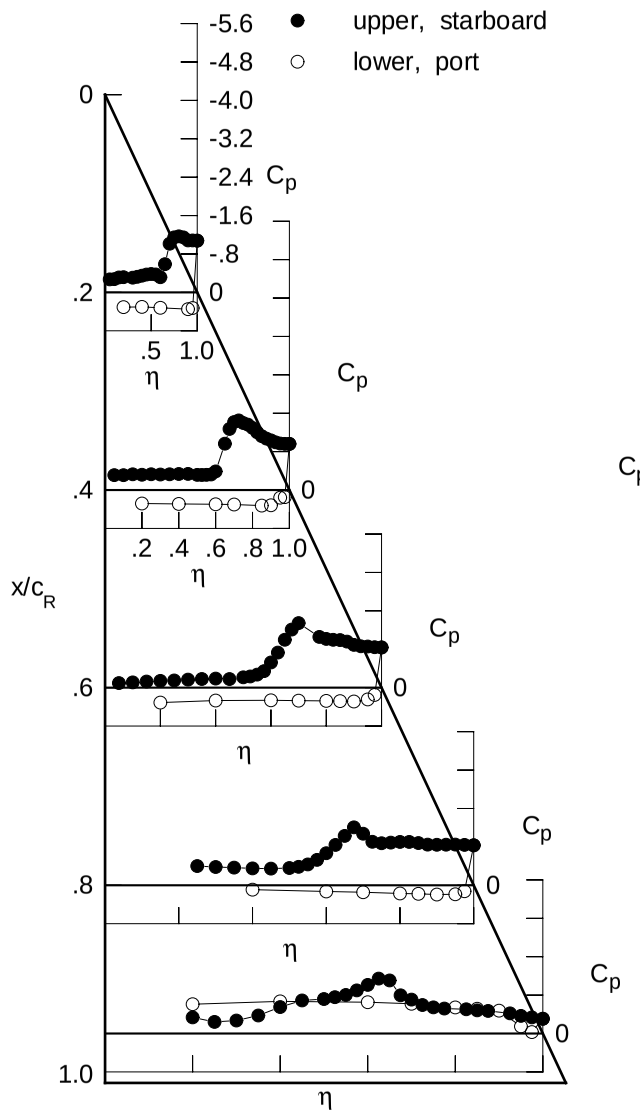


x/c_R	starb'd C_p	port C_p
0.10	-0.8803	*******
0.20	-1.0386	-1.0370
0.30	-1.0363	*******
0.40	-0.9463	-0.9487
0.50	-0.8675	*******
0.60	-0.7905	-0.7818
0.70	-0.7642	*******
0.80	-0.7929	-0.7708
0.90	-0.6300	*******
0.95	-0.3106	-0.3194

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2713	-0.3102	-0.0952	*******	*******
0.100	-0.2757	-0.3097	-0.1100	*******	*******
0.150	-0.3114	-0.3280	-0.1271	*******	*******
0.200	-0.3169	-0.3188	-0.1411	*******	-0.3363
0.250	*******	-0.3291	-0.1499	-0.4006	-0.2413
0.300	-0.3060	-0.3234	-0.1669	-0.3805	-0.2703
0.350	-0.3251	-0.3280	-0.1802	-0.3681	-0.3749
0.400	-0.3478	-0.3342	-0.1887	-0.3516	-0.5509
0.450	-0.3716	-0.3356	-0.1792	-0.3476	-0.6885
0.500	-0.3832	-0.3156	-0.2150	-0.3598	-0.7181
0.525	*******	-0.3138	-0.2329	-0.3851	-0.7567
0.550	-0.3738	-0.3172	-0.2710	-0.4344	-0.8032
0.575	*******	-0.3236	-0.3438	-0.5293	-0.8984
0.600	-0.3160	-0.3877	-0.5250	-0.6680	-1.0125
0.625	*******	*******	-0.7305	-0.8409	-1.1437
0.650	-0.5877	-0.9658	-0.9973	-1.0290	-1.1054
0.675	*******	-1.2726	-1.2100	-1.2068	-0.7962
0.700	-1.0138	-1.4158	-1.3445	-1.0743	-0.7063
0.725	*******	-1.4503	*******	-0.9064	-0.5938
0.750	-1.1465	-1.3959	*******	-0.8762	-0.5448
0.775	*******	-1.3626	-1.0570	-0.8886	-0.5202
0.800	-1.1677	-1.2946	-1.0151	-0.9035	*******
0.825	*******	-1.2034	-0.9970	-0.9033	-0.5048
0.850	-1.1467	-1.1227	-0.9910	-0.8802	-0.4826
0.875	*******	-1.0718	-0.9588	-0.8475	-0.4707
0.900	-1.0825	-1.0355	-0.8912	-0.8444	*******
0.925	*******	-0.9947	-0.8615	-0.8456	-0.4201
0.950	-1.0821	-0.9690	-0.8568	-0.8482	-0.3676
0.975	*******	-0.9618	-0.8422	-0.8414	-0.3356
1.000	-1.0765	-0.9607	-0.8378	-0.8342	-0.3065
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3073	0.2807	0.3112	*******	-0.6101
-0.400	0.3026	0.2898	0.2688	0.0910	-0.6694
-0.600	0.3211	0.2964	0.2636	0.1290	-0.6519
-0.700	*******	0.3020	0.2709	0.1449	-0.6197
-0.800	*******	*******	0.2763	0.1706	-0.5430
-0.850	*******	0.3241	0.2808	0.1778	-0.5161
-0.900	0.3494	0.3177	0.2884	0.1925	-0.4760
-0.950	0.3252	0.1592	0.2452	0.1871	-0.1478
-0.975	*******	0.1479	0.1523	0.1242	-0.0297
-1.000	-1.0790	-0.9617	-0.8369	-0.8311	-0.3085

Surface Pressures



Small Radius L.E.

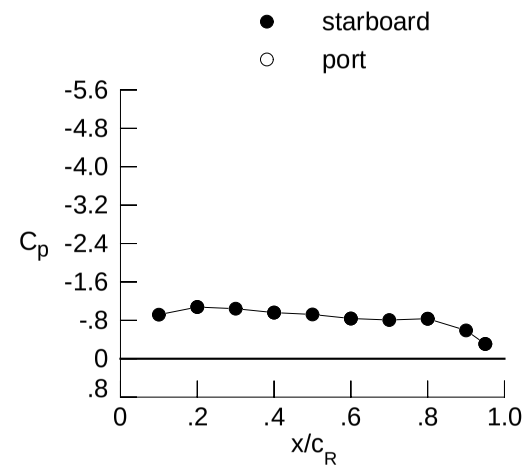
Run No. = 53 , Point No. = 1152

C_N = 0.690, C_m = -0.1290

α = 14.1 °, M_∞ = 0.851

R_{mac} = 24.0×10^6

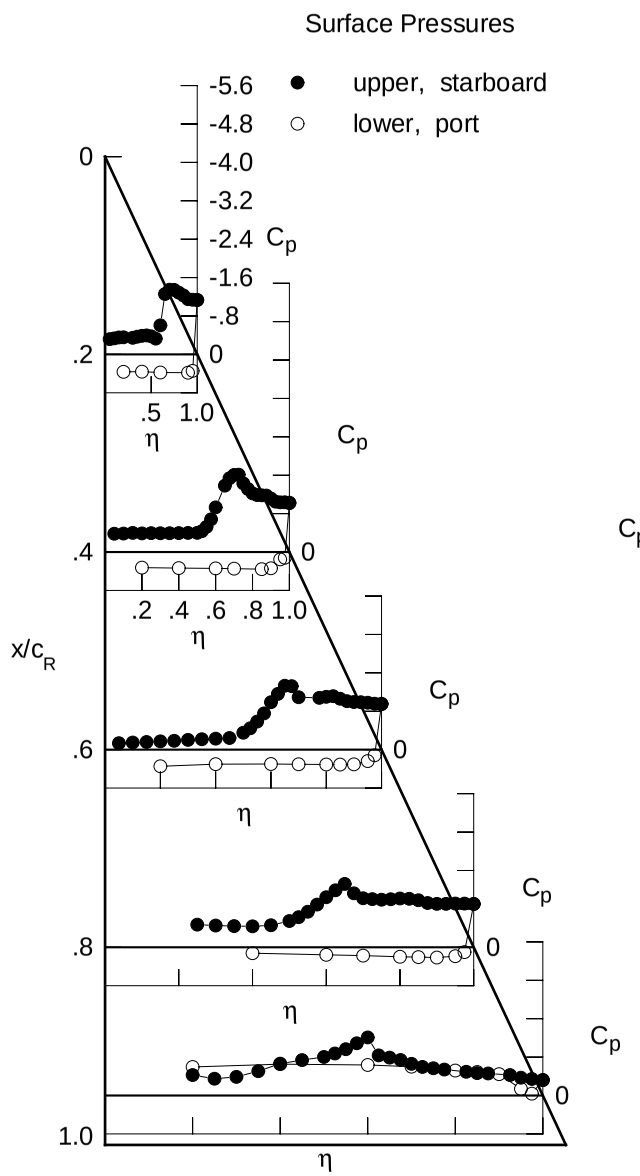
Leading Edge Pressures



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

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3173	-0.3818	-0.1340	*******	*******
0.100	-0.3338	-0.3846	-0.1484	*******	*******
0.150	-0.3530	-0.3981	-0.1593	*******	*******
0.200	-0.3563	-0.3880	-0.1732	*******	-0.4263
0.250	*******	-0.3937	-0.1839	-0.4719	-0.3498
0.300	-0.3452	-0.3912	-0.2031	-0.4527	-0.3881
0.350	-0.3685	-0.3919	-0.2171	-0.4414	-0.5075
0.400	-0.3871	-0.3954	-0.2291	-0.4365	-0.6637
0.450	-0.3954	-0.3981	-0.2427	-0.4588	-0.7380
0.500	-0.3764	-0.3999	-0.3517	-0.5468	-0.8036
0.525	*******	-0.4343	-0.4451	-0.6273	-0.8754
0.550	-0.3280	-0.5232	-0.5844	-0.7407	-0.9646
0.575	*******	-0.6817	-0.7550	-0.8895	-1.0877
0.600	-0.6055	-0.9303	-0.9877	-1.0425	-1.2092
0.625	*******	*******	-1.1612	-1.1869	-0.8359
0.650	-1.2575	-1.3836	-1.3309	-1.3202	-0.7899
0.675	*******	-1.5366	-1.3224	-1.1243	-0.7402
0.700	-1.3483	-1.6064	-1.0919	-1.0214	-0.6601
0.725	*******	-1.6109	*******	-1.0031	-0.5953
0.750	-1.3430	-1.4307	*******	-0.9911	-0.5680
0.775	*******	-1.3132	-1.0790	-1.0007	-0.5406
0.800	-1.2862	-1.2223	-1.1006	-1.0171	*******
0.825	*******	-1.1870	-1.1136	-1.0108	-0.4944
0.850	-1.2282	-1.1814	-1.0611	-0.9798	-0.4663
0.875	*******	-1.1768	-1.0096	-0.9225	-0.4590
0.900	-1.1508	-1.1143	-0.9922	-0.9049	*******
0.925	*******	-1.0498	-0.9881	-0.9048	-0.4266
0.950	-1.1382	-1.0352	-0.9780	-0.9114	-0.3711
0.975	*******	-1.0364	-0.9570	-0.9101	-0.3448
1.000	-1.1316	-1.0283	-0.9464	-0.9037	-0.3236
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3635	0.3248	0.3468	*******	-0.5947
-0.400	0.3602	0.3347	0.3027	0.1231	-0.6532
-0.600	0.3776	0.3407	0.2993	0.1571	-0.6364
-0.700	*******	0.3463	0.3050	0.1735	-0.6005
-0.800	*******	*******	0.3094	0.1979	-0.5203
-0.850	*******	0.3572	0.3111	0.2048	-0.4899
-0.900	0.3816	0.3383	0.3067	0.2135	-0.4450
-0.950	0.3431	0.1527	0.2387	0.1857	-0.1386
-0.975	*******	0.1195	0.1174	0.0997	-0.0387
-1.000	-1.1343	-1.0186	-0.9563	-0.9005	-0.3199



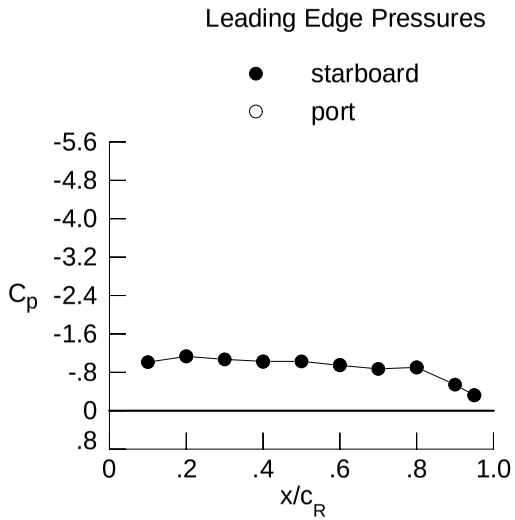
Small Radius L.E.

Run No. = 53 , Point No. = 1153

C_N = 0.797, C_m = -0.1433

α = 16.2 °, M_∞ = 0.849

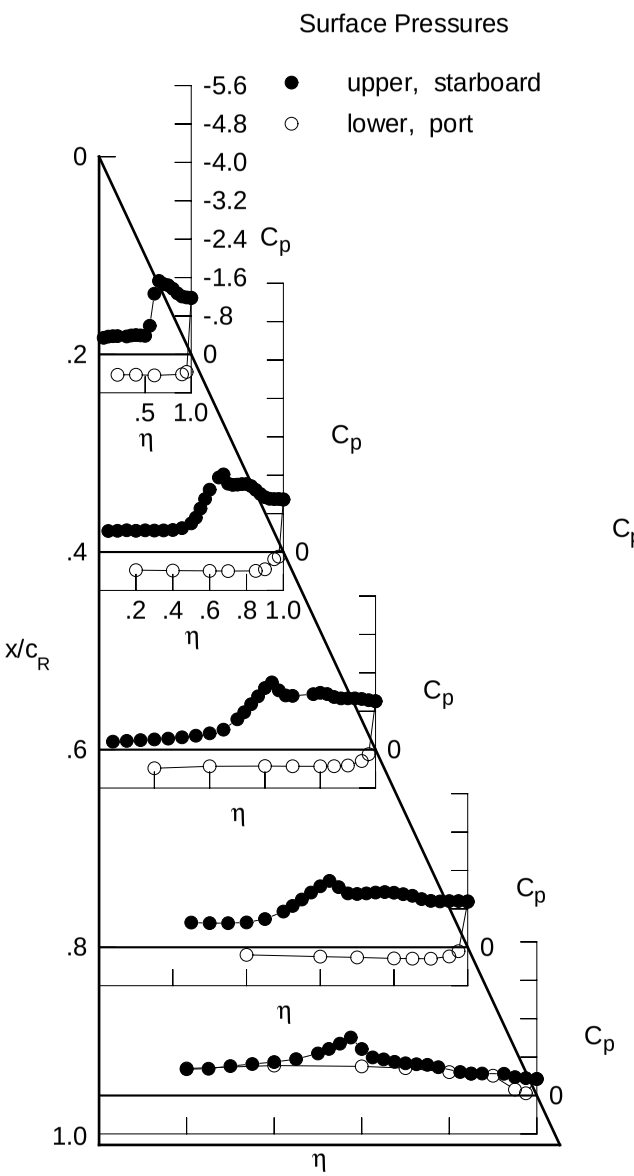
R_{mac} = 24.0×10^6



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

Table C3. Continued.

η	x/c_R .2 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	-0.3456	-0.4383	-0.1665	*******	*******
0.100	-0.3705	-0.4424	-0.1827	*******	*******
0.150	-0.3790	-0.4537	-0.1982	*******	*******
0.200	-0.3807	-0.4426	-0.2130	*******	-0.5485
0.250	*******	-0.4518	-0.2297	-0.5153	-0.5575
0.300	-0.3739	-0.4468	-0.2565	-0.5031	-0.6129
0.350	-0.3948	-0.4508	-0.2902	-0.5025	-0.6562
0.400	-0.4023	-0.4591	-0.3402	-0.5178	-0.6971
0.450	-0.3953	-0.4975	-0.4158	-0.5880	-0.7578
0.500	-0.3867	-0.5967	-0.6323	-0.7444	-0.8757
0.525	*******	-0.7162	-0.7790	-0.8617	-0.9701
0.550	-0.5961	-0.9057	-0.9461	-0.9948	-1.0798
0.575	*******	-1.1044	-1.1103	-1.1404	-1.2083
0.600	-1.2636	-1.2989	-1.2839	-1.2710	-0.9690
0.625	*******	*******	-1.4009	-1.3832	-0.7937
0.650	-1.5302	-1.5529	-1.2354	-1.2527	-0.7531
0.675	*******	-1.6165	-1.1285	-1.1222	-0.7019
0.700	-1.4657	-1.4239	-1.1203	-1.1100	-0.6714
0.725	*******	-1.3993	*******	-1.1222	-0.6510
0.750	-1.4402	-1.4037	*******	-1.1402	-0.6394
0.775	*******	-1.4155	-1.1561	-1.1507	-0.5898
0.800	-1.3671	-1.4172	-1.1843	-1.1370	*******
0.825	*******	-1.3739	-1.1586	-1.1065	-0.4895
0.850	-1.2717	-1.2954	-1.0970	-1.0724	-0.4537
0.875	*******	-1.2093	-1.0677	-1.0043	-0.4576
0.900	-1.2066	-1.1421	-1.0689	-0.9665	*******
0.925	*******	-1.1095	-1.0679	-0.9553	-0.4525
0.950	-1.1865	-1.1035	-1.0558	-0.9625	-0.3834
0.975	*******	-1.1044	-1.0301	-0.9633	-0.3613
1.000	-1.1730	-1.0974	-1.0063	-0.9584	-0.3421
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4258	0.3776	0.3878	*******	-0.5635
-0.400	0.4241	0.3862	0.3472	0.1576	-0.6240
-0.600	0.4374	0.3926	0.3426	0.1946	-0.6065
-0.700	*******	0.3972	0.3467	0.2112	-0.5705
-0.800	*******	*******	0.3476	0.2323	-0.4874
-0.850	*******	0.3925	0.3450	0.2365	-0.4572
-0.900	0.4159	0.3594	0.3301	0.2388	-0.4119
-0.950	0.3647	0.1495	0.2368	0.1916	-0.1243
-0.975	*******	0.0951	0.0942	0.0817	-0.0464
-1.000	-1.1812	-1.0914	-1.0106	-0.9456	-0.3462



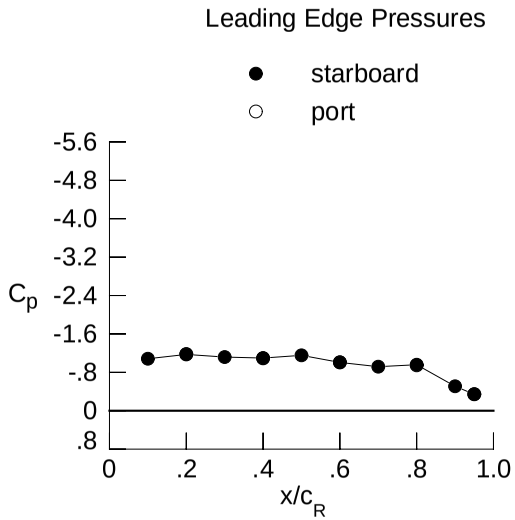
Small Radius L.E.

Run No. = 53 , Point No. = 1154

C_N = 0.909, C_m = -0.1621

α = 18.2 °, M_∞ = 0.848

R_{mac} = 23.9×10^6

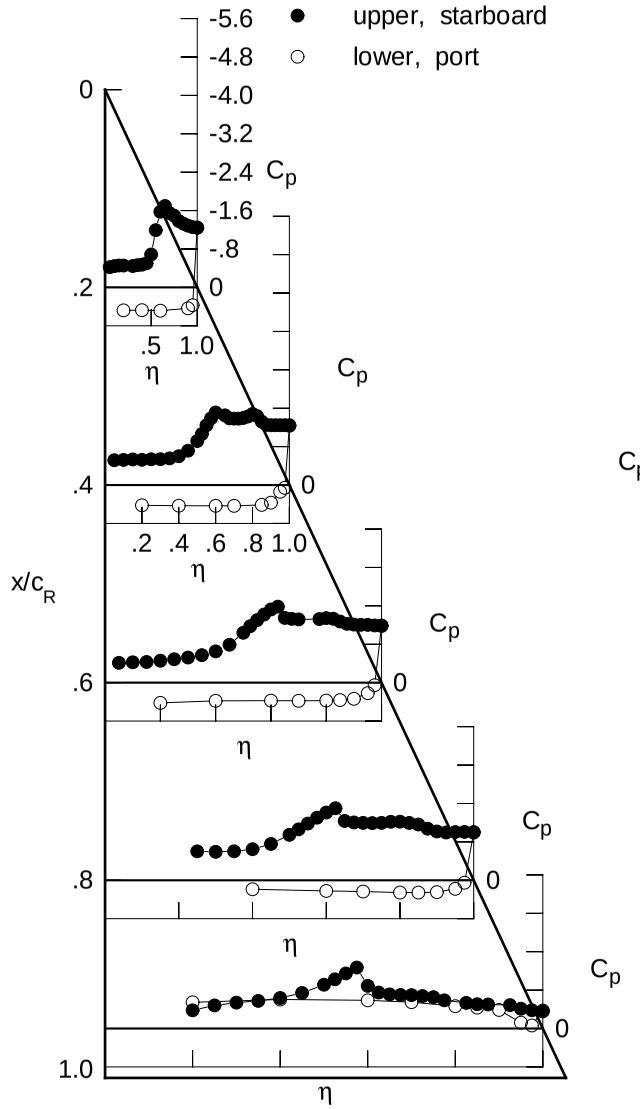


x/c_R	starb'd Cp	port Cp
0.10	-1.0829	*******
0.20	-1.1730	-1.1812
0.30	-1.1181	*******
0.40	-1.0974	-1.0914
0.50	-1.1541	*******
0.60	-1.0063	-1.0106
0.70	-0.9175	*******
0.80	-0.9584	-0.9456
0.90	-0.5093	*******
0.95	-0.3421	-0.3462

Table C3. 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	-0.4208	-0.5168	-0.4126	*******	*******
0.100	-0.4430	-0.5233	-0.4240	*******	*******
0.150	-0.4561	-0.5330	-0.4305	*******	*******
0.200	-0.4550	-0.5253	-0.4572	*******	-0.3788
0.250	*******	-0.5368	-0.4869	-0.6034	-0.4810
0.300	-0.4447	-0.5386	-0.5230	-0.5931	-0.5390
0.350	-0.4625	-0.5562	-0.5730	-0.6041	-0.5752
0.400	-0.4726	-0.6002	-0.6509	-0.6469	-0.6363
0.450	-0.5017	-0.7154	-0.7896	-0.7567	-0.7402
0.500	-0.6855	-0.9165	-1.0388	-0.9471	-0.9121
0.525	*******	-1.0628	-1.1763	-1.0611	-1.0249
0.550	-1.1920	-1.2444	-1.3025	-1.1819	-1.1474
0.575	*******	-1.3894	-1.4182	-1.3039	-1.2706
0.600	-1.5759	-1.5115	-1.5244	-1.4115	-0.8891
0.625	*******	*******	-1.5832	-1.5009	-0.7499
0.650	-1.6957	-1.4518	-1.3487	-1.2363	-0.7101
0.675	*******	-1.3887	-1.3298	-1.2048	-0.6986
0.700	-1.5462	-1.3841	-1.3176	-1.1958	-0.6956
0.725	*******	-1.3830	*******	-1.1911	-0.6763
0.750	-1.4936	-1.3977	*******	-1.1956	-0.6529
0.775	*******	-1.4277	-1.3241	-1.2181	-0.5873
0.800	-1.3825	-1.4808	-1.3455	-1.2212	*******
0.825	*******	-1.4357	-1.3323	-1.1955	-0.5337
0.850	-1.3271	-1.3197	-1.2735	-1.1625	-0.5065
0.875	*******	-1.2533	-1.2257	-1.0751	-0.5009
0.900	-1.2855	-1.2454	-1.2097	-1.0166	*******
0.925	*******	-1.2454	-1.2042	-0.9949	-0.4876
0.950	-1.2552	-1.2452	-1.2031	-1.0047	-0.4127
0.975	*******	-1.2462	-1.1912	-1.0071	-0.3806
1.000	-1.2404	-1.2468	-1.1906	-1.0036	-0.3556
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4781	0.4226	0.4215	*******	-0.5458
-0.400	0.4746	0.4308	0.3795	0.1868	-0.6051
-0.600	0.4853	0.4327	0.3750	0.2219	-0.5873
-0.700	*******	0.4337	0.3784	0.2346	-0.5489
-0.800	*******	*******	0.3739	0.2558	-0.4654
-0.850	*******	0.4134	0.3642	0.2558	-0.4354
-0.900	0.4360	0.3668	0.3371	0.2473	-0.3867
-0.950	0.3710	0.1397	0.2190	0.1780	-0.1224
-0.975	*******	0.0578	0.0534	0.0504	-0.0635
-1.000	-1.2475	-1.2336	-1.1799	-0.9934	-0.3754

Surface Pressures



Small Radius L.E.

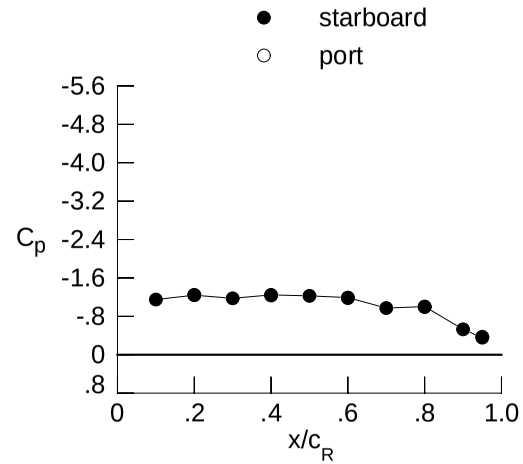
Run No. = 53 , Point No. = 1155

C_N = 1.028, C_m = -0.1860

α = 20.2 °, M_∞ = 0.849

R_{mac} = 23.9×10^6

Leading Edge Pressures

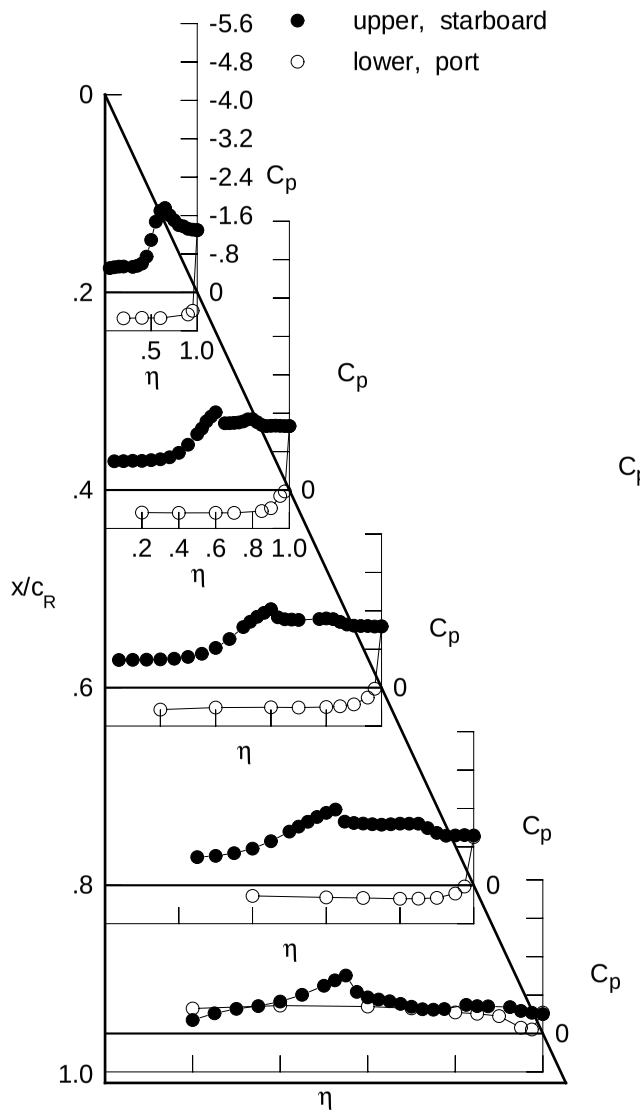


x/cR	starb'd Cp	port Cp
0.10	-1.1499	*******
0.20	-1.2404	-1.2475
0.30	-1.1754	*******
0.40	-1.2468	-1.2336
0.50	-1.2262	*******
0.60	-1.1906	-1.1799
0.70	-0.9717	*******
0.80	-1.0036	-0.9934
0.90	-0.5287	*******
0.95	-0.3556	-0.3754

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5055	-0.5994	-0.5760	*******	*******
0.100	-0.5238	-0.6017	-0.5795	*******	*******
0.150	-0.5370	-0.6095	-0.5826	*******	*******
0.200	-0.5384	-0.6073	-0.5888	*******	-0.2812
0.250	*******	-0.6224	-0.6028	-0.5866	-0.4206
0.300	-0.5316	-0.6408	-0.6399	-0.6128	-0.5137
0.350	-0.5548	-0.6821	-0.7052	-0.6687	-0.5714
0.400	-0.5999	-0.7740	-0.8269	-0.7633	-0.6658
0.450	-0.7458	-0.9438	-1.0130	-0.9178	-0.8060
0.500	-1.0923	-1.1642	-1.2618	-1.1185	-0.9947
0.525	*******	-1.2803	-1.3732	-1.2226	-1.1070
0.550	-1.4739	-1.4300	-1.4761	-1.3234	-1.2081
0.575	*******	-1.5302	-1.5578	-1.4233	-0.8676
0.600	-1.7003	-1.6203	-1.6349	-1.5091	-0.7525
0.625	*******	*******	-1.4657	-1.5774	-0.7082
0.650	-1.7585	-1.3910	-1.4240	-1.3254	-0.6721
0.675	*******	-1.3928	-1.4172	-1.2973	-0.6170
0.700	-1.6057	-1.3995	-1.4107	-1.2856	-0.5576
0.725	*******	-1.4074	*******	-1.2723	-0.5058
0.750	-1.5014	-1.4296	*******	-1.2620	-0.4958
0.775	*******	-1.4726	-1.4290	-1.2711	-0.5093
0.800	-1.4010	-1.4769	-1.4418	-1.2837	*******
0.825	*******	-1.4138	-1.4275	-1.2832	-0.5966
0.850	-1.3762	-1.3560	-1.3694	-1.2832	-0.5700
0.875	*******	-1.3319	-1.3141	-1.1914	-0.5664
0.900	-1.3247	-1.3378	-1.2906	-1.0914	*******
0.925	*******	-1.3410	-1.2839	-1.0317	-0.5502
0.950	-1.3070	-1.3372	-1.2843	-1.0374	-0.4706
0.975	*******	-1.3331	-1.2724	-1.0453	-0.4320
1.000	-1.2946	-1.3308	-1.2757	-1.0368	-0.4034
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5407	0.4697	0.4573	*******	-0.5211
-0.400	0.5302	0.4763	0.4154	0.2213	-0.5815
-0.600	0.5355	0.4747	0.4093	0.2529	-0.5619
-0.700	*******	0.4759	0.4143	0.2639	-0.5237
-0.800	*******	*******	0.4043	0.2808	-0.4395
-0.850	*******	0.4381	0.3882	0.2786	-0.4117
-0.900	0.4598	0.3781	0.3487	0.2622	-0.3626
-0.950	0.3830	0.1231	0.2068	0.1718	-0.1207
-0.975	*******	0.0288	0.0233	0.0259	-0.0843
-1.000	-1.2989	-1.3336	-1.2749	-1.0039	-0.4361

Surface Pressures



Small Radius L.E.

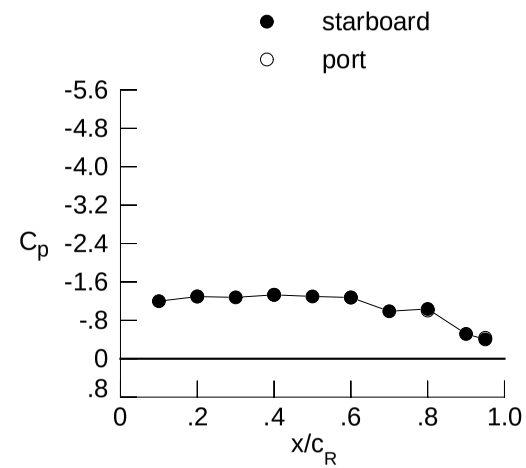
Run No. = 53 , Point No. = 1156

C_N = 1.134, C_m = -0.2040

α = 22.3 °, M_∞ = 0.849

R_{mac} = 23.9×10^6

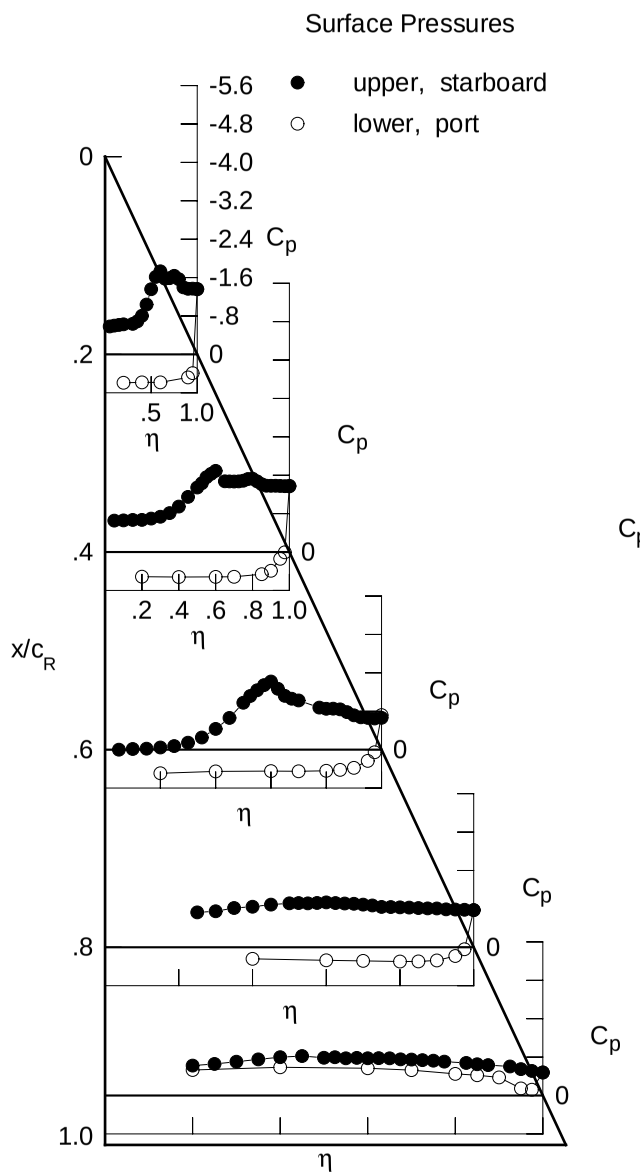
Leading Edge Pressures



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

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5815	-0.6546	0.0011	*******	*******
0.100	-0.5992	-0.6591	-0.0133	*******	*******
0.150	-0.6139	-0.6685	-0.0196	*******	*******
0.200	-0.6266	-0.6695	-0.0445	*******	-0.6234
0.250	*******	-0.6964	-0.0741	-0.7273	-0.6573
0.300	-0.6361	-0.7353	-0.1445	-0.7501	-0.7039
0.350	-0.6882	-0.8110	-0.2532	-0.8183	-0.7527
0.400	-0.8044	-0.9471	-0.4318	-0.8451	-0.7985
0.450	-1.0384	-1.1491	-0.6608	-0.8888	-0.8225
0.500	-1.3574	-1.3440	-0.9769	-0.9158	-0.7865
0.525	*******	-1.4329	-1.1178	-0.9219	-0.7977
0.550	-1.6142	-1.5586	-1.2370	-0.9150	-0.7748
0.575	*******	-1.6290	-1.3437	-0.9229	-0.7840
0.600	-1.7311	-1.6912	-1.4190	-0.9348	-0.7757
0.625	*******	*******	-1.2682	-0.9220	-0.7780
0.650	-1.5771	-1.4735	-1.1208	-0.9122	-0.7752
0.675	*******	-1.4714	-1.0608	-0.9066	-0.7538
0.700	-1.5879	-1.4686	-1.0250	-0.8886	-0.7490
0.725	*******	-1.4720	*******	-0.8711	-0.7365
0.750	-1.6369	-1.4857	*******	-0.8405	-0.7258
0.775	*******	-1.5207	-0.8760	-0.8383	-0.7056
0.800	-1.5675	-1.5276	-0.8514	-0.8318	*******
0.825	*******	-1.4723	-0.8539	-0.8270	-0.6782
0.850	-1.3971	-1.4125	-0.8392	-0.8176	-0.6514
0.875	*******	-1.3814	-0.7814	-0.8107	-0.6340
0.900	-1.3664	-1.3798	-0.7152	-0.8086	*******
0.925	*******	-1.3809	-0.6739	-0.7903	-0.6049
0.950	-1.3694	-1.3766	-0.6618	-0.7865	-0.5494
0.975	*******	-1.3717	-0.6490	-0.7819	-0.5121
1.000	-1.3625	-1.3683	-0.6631	-0.7752	-0.4818
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5910	0.5138	0.4923	*******	-0.5315
-0.400	0.5835	0.5210	0.4534	0.2409	-0.5881
-0.600	0.5833	0.5174	0.4471	0.2715	-0.5678
-0.700	*******	0.5157	0.4509	0.2834	-0.5287
-0.800	*******	*******	0.4406	0.2964	-0.4508
-0.850	*******	0.4616	0.4213	0.2945	-0.4228
-0.900	0.4800	0.3903	0.3791	0.2744	-0.3770
-0.950	0.3907	0.1408	0.2343	0.1820	-0.1471
-0.975	*******	0.0056	0.0543	0.0406	-0.1211
-1.000	-1.3559	-1.3804	-0.7198	-0.7733	-0.4776



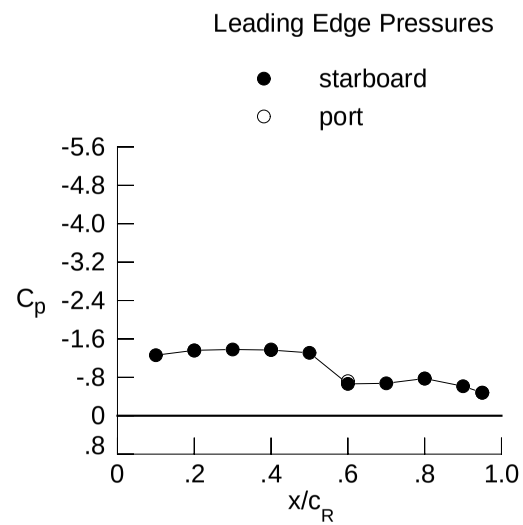
Small Radius L.E.

Run No. = 53 , Point No. = 1157

C_N = 1.099, C_m = -0.1887

α = 24.3 °, M_∞ = 0.848

R_{mac} = 23.9×10^6

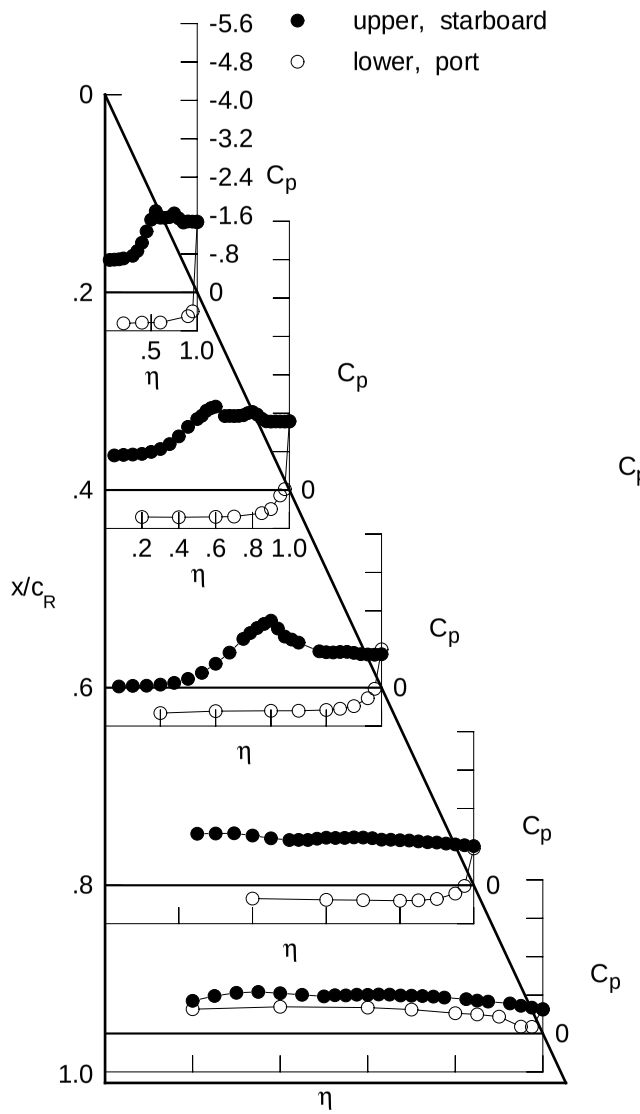


x/c_R	starb'd C_p	port C_p
0.10	-1.2611	*******
0.20	-1.3625	-1.3559
0.30	-1.3802	*******
0.40	-1.3683	-1.3804
0.50	-1.3106	*******
0.60	-0.6631	-0.7198
0.70	-0.6753	*******
0.80	-0.7752	-0.7733
0.90	-0.6142	*******
0.95	-0.4818	-0.4776

Table C3. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6763	-0.7212	-0.0236	*******	*******
0.100	-0.6821	-0.7321	-0.0371	*******	*******
0.150	-0.6889	-0.7393	-0.0399	*******	*******
0.200	-0.7075	-0.7525	-0.0624	*******	-0.6805
0.250	*******	-0.7945	-0.0992	-1.0735	-0.7824
0.300	-0.7625	-0.8542	-0.1827	-1.0784	-0.8483
0.350	-0.8625	-0.9565	-0.3071	-1.0832	-0.8668
0.400	-1.0339	-1.1179	-0.4978	-1.0360	-0.8389
0.450	-1.2711	-1.3161	-0.7299	-0.9782	-0.8068
0.500	-1.5141	-1.4793	-1.0149	-0.9431	-0.7727
0.525	*******	-1.5483	-1.1378	-0.9457	-0.7974
0.550	-1.6935	-1.6530	-1.2421	-0.9441	-0.7933
0.575	*******	-1.7074	-1.3275	-0.9707	-0.8091
0.600	-1.5562	-1.7375	-1.3955	-0.9911	-0.8058
0.625	*******	*******	-1.2311	-0.9855	-0.8127
0.650	-1.5527	-1.5408	-1.0637	-0.9875	-0.8101
0.675	*******	-1.5449	-1.0016	-0.9980	-0.7920
0.700	-1.5694	-1.5414	-0.9378	-0.9941	-0.7879
0.725	*******	-1.5446	*******	-0.9807	-0.7811
0.750	-1.6459	-1.5588	*******	-0.9501	-0.7685
0.775	*******	-1.6030	-0.7568	-0.9490	-0.7487
0.800	-1.5405	-1.6268	-0.7376	-0.9385	*******
0.825	*******	-1.5729	-0.7331	-0.9330	-0.7149
0.850	-1.4549	-1.4867	-0.7434	-0.9148	-0.6859
0.875	*******	-1.4314	-0.7458	-0.8970	-0.6645
0.900	-1.4788	-1.4254	-0.7238	-0.8902	*******
0.925	*******	-1.4294	-0.6976	-0.8688	-0.6265
0.950	-1.4734	-1.4280	-0.6903	-0.8511	-0.5776
0.975	*******	-1.4265	-0.6856	-0.8342	-0.5390
1.000	-1.4605	-1.4264	-0.6962	-0.8169	-0.4980
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6447	0.5622	0.5303	*******	-0.5063
-0.400	0.6306	0.5673	0.4897	0.2767	-0.5566
-0.600	0.6284	0.5594	0.4821	0.3029	-0.5400
-0.700	*******	0.5525	0.4816	0.3103	-0.4988
-0.800	*******	*******	0.4659	0.3221	-0.4221
-0.850	*******	0.4818	0.4402	0.3138	-0.3979
-0.900	0.4962	0.3966	0.3860	0.2847	-0.3511
-0.950	0.3951	0.1129	0.2210	0.1722	-0.1428
-0.975	*******	-0.0195	0.0244	0.0133	-0.1379
-1.000	-1.4749	-1.4375	-0.7979	-0.7684	-0.5088

Surface Pressures



Small Radius L.E.

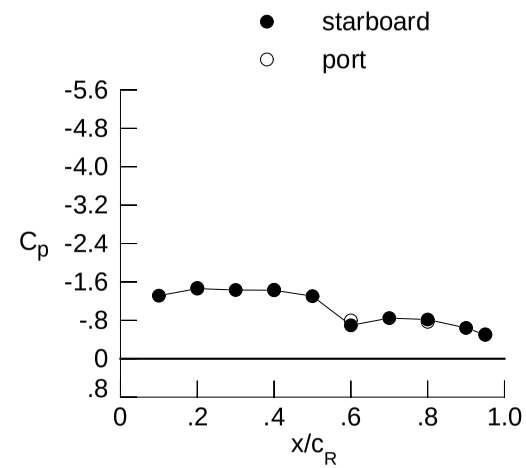
Run No. = 53 , Point No. = 1158

C_N = 1.196, C_m = -0.2058

α = 26.3 °, M_∞ = 0.849

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

Leading Edge Pressures

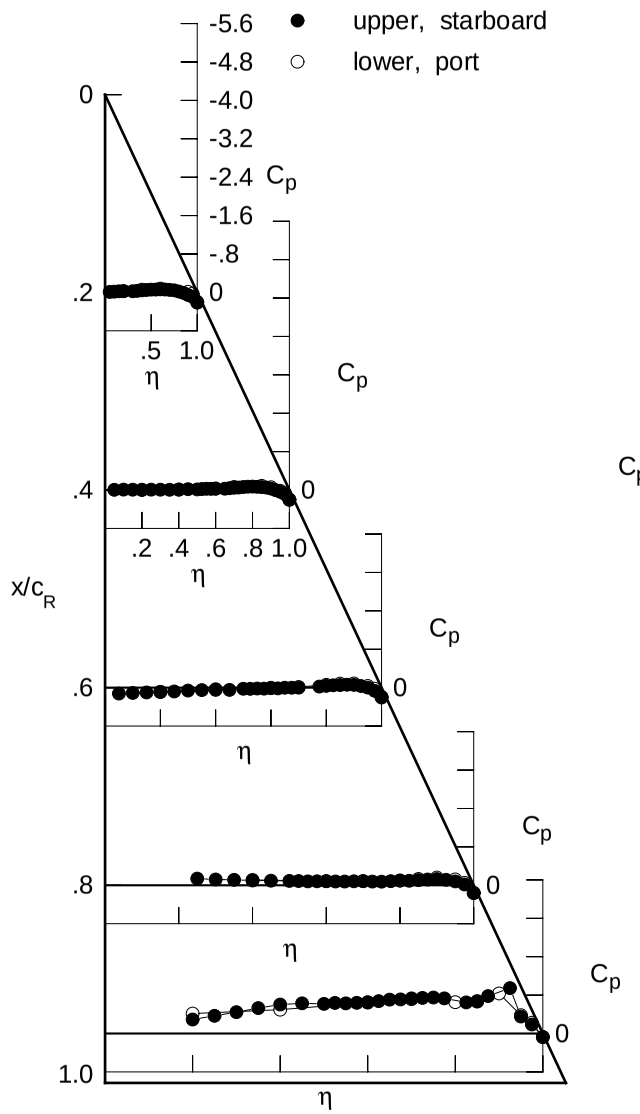


x/c_R	starb'd C_p	port C_p
0.10	-1.3135	*******
0.20	-1.4605	-1.4749
0.30	-1.4319	*******
0.40	-1.4264	-1.4375
0.50	-1.3030	*******
0.60	-0.6962	-0.7979
0.70	-0.8463	*******
0.80	-0.8169	-0.7684
0.90	-0.6413	*******
0.95	-0.4980	-0.5088

Table C3. Concluded.

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

Surface Pressures



Small Radius L.E.

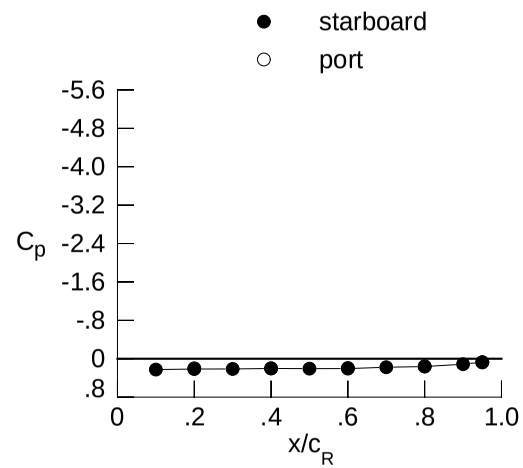
Run No. = 53 , Point No. = 1159

C_N = 0.009, C_m = -0.0154

α = -0.2 °, M_∞ = 0.846

R_{mac} = 24.1×10^6

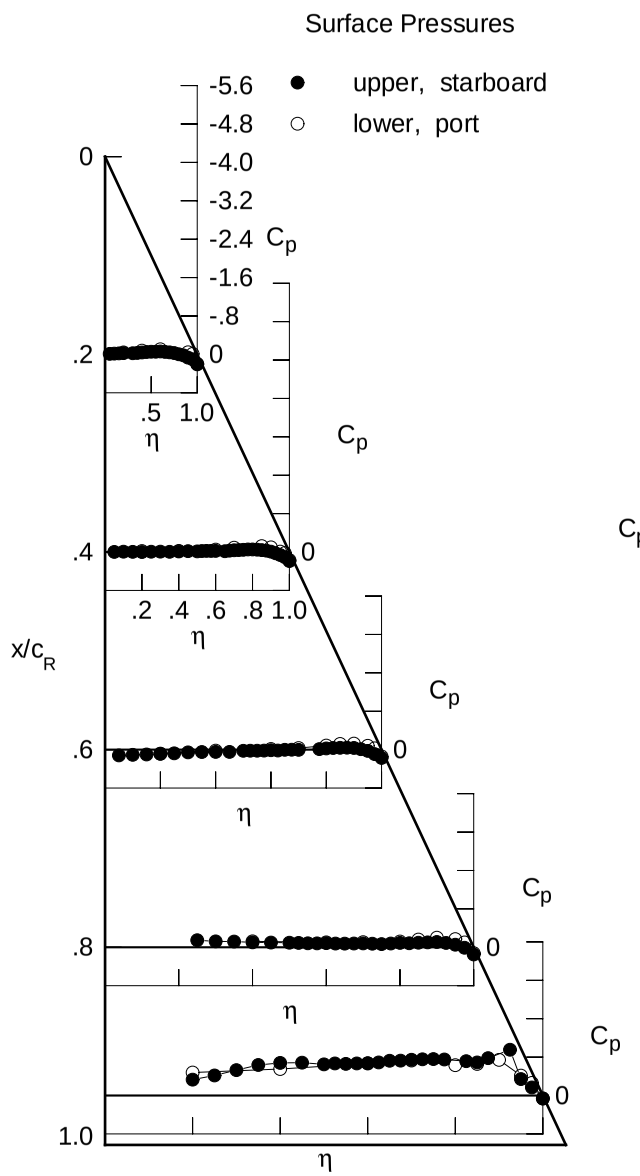
Leading Edge Pressures



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

Table C4. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0112	-0.0026	0.1199	*******	*******
0.100	-0.0159	-0.0072	0.1082	*******	*******
0.150	-0.0208	-0.0040	0.1005	*******	*******
0.200	-0.0260	0.0003	0.0838	*******	-0.3301
0.250	*******	-0.0066	0.0764	-0.1469	-0.4178
0.300	-0.0242	-0.0084	0.0572	-0.1231	-0.5288
0.350	-0.0302	-0.0045	0.0499	-0.1191	-0.6358
0.400	-0.0396	-0.0119	0.0468	-0.1029	-0.6788
0.450	-0.0497	-0.0184	0.0474	-0.0986	-0.6843
0.500	-0.0550	-0.0137	0.0240	-0.0952	-0.6489
0.525	*******	-0.0207	0.0225	-0.0909	-0.6678
0.550	-0.0556	-0.0239	0.0221	-0.0835	-0.6588
0.575	*******	-0.0232	0.0201	-0.0815	-0.6680
0.600	-0.0607	-0.0240	0.0120	-0.0868	-0.6733
0.625	*******	*******	0.0180	-0.0775	-0.6891
0.650	-0.0518	-0.0167	0.0033	-0.0758	-0.7238
0.675	*******	-0.0291	0.0017	-0.0781	-0.7267
0.700	-0.0420	-0.0367	0.0039	-0.0806	-0.7448
0.725	*******	-0.0405	*******	-0.0747	-0.7541
0.750	-0.0281	-0.0465	*******	-0.0665	-0.7592
0.775	*******	-0.0536	-0.0112	-0.0783	-0.7501
0.800	-0.0021	-0.0538	-0.0248	-0.0910	*******
0.825	*******	-0.0488	-0.0342	-0.0839	-0.7152
0.850	0.0200	-0.0397	-0.0381	-0.0954	-0.6891
0.875	*******	-0.0290	-0.0408	-0.1025	-0.7787
0.900	0.0668	-0.0082	-0.0354	-0.1102	*******
0.925	*******	0.0255	-0.0099	-0.0901	-0.9533
0.950	0.1026	0.0619	0.0258	-0.0537	-0.3424
0.975	*******	0.1063	0.0924	0.0096	-0.1680
1.000	0.2070	0.1877	0.1729	0.1494	0.0637
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0407	-0.0206	0.0860	*******	-0.4788
-0.400	-0.0785	-0.0234	0.0206	-0.1241	-0.5517
-0.600	-0.1062	-0.0505	-0.0134	-0.1022	-0.6670
-0.700	*******	-0.0903	-0.0324	-0.1061	-0.7287
-0.800	*******	*******	-0.0851	-0.1201	-0.6320
-0.850	*******	-0.1230	-0.1182	-0.1605	-0.6577
-0.900	-0.0441	-0.0980	-0.1257	-0.1998	-0.7424
-0.950	-0.0106	-0.0092	-0.0797	-0.1708	-0.4142
-0.975	*******	0.0210	-0.0271	-0.1005	-0.2626
-1.000	0.1958	0.1669	0.1411	0.1225	0.0600



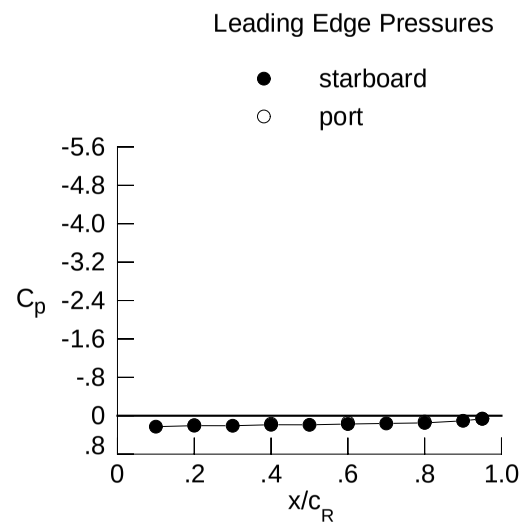
Small Radius L.E.

Run No. = 54 , Point No. = 1160

C_N = -0.023, C_m = -0.0023

α = -0.7 °, M_∞ = 0.846

R_{mac} = 36.1×10^6

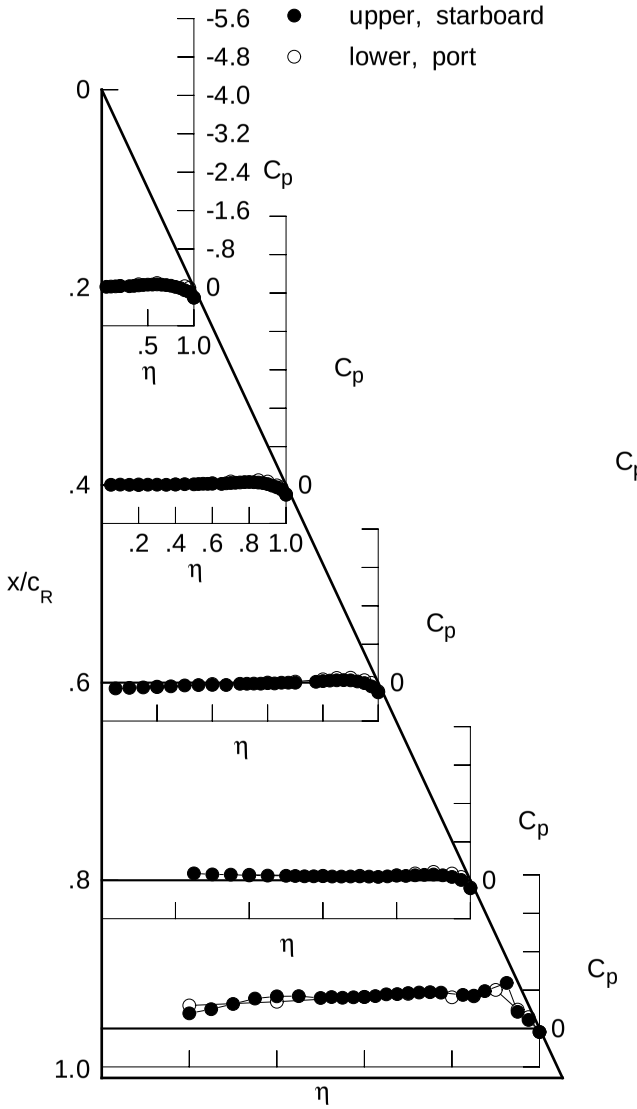


x/c_R	starb'd C_p	port C_p
0.10	0.2280	*******
0.20	0.2070	0.1958
0.30	0.2084	*******
0.40	0.1877	0.1669
0.50	0.1894	*******
0.60	0.1729	0.1411
0.70	0.1605	*******
0.80	0.1494	0.1225
0.90	0.1058	*******
0.95	0.0637	0.0600

Table C4. Continued.

η	x/c_R .2 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	-0.0119	-0.0046	0.1208	*******	*******
0.100	-0.0169	-0.0084	0.1091	*******	*******
0.150	-0.0216	-0.0052	0.1001	*******	*******
0.200	-0.0263	-0.0002	0.0842	*******	-0.3157
0.250	*******	-0.0070	0.0769	-0.1438	-0.4024
0.300	-0.0245	-0.0070	0.0581	-0.1220	-0.5109
0.350	-0.0318	-0.0049	0.0505	-0.1173	-0.6242
0.400	-0.0412	-0.0119	0.0465	-0.1014	-0.6705
0.450	-0.0505	-0.0179	0.0488	-0.0972	-0.6743
0.500	-0.0565	-0.0153	0.0241	-0.0933	-0.6357
0.525	*******	-0.0206	0.0232	-0.0898	-0.6550
0.550	-0.0582	-0.0263	0.0201	-0.0832	-0.6409
0.575	*******	-0.0246	0.0218	-0.0829	-0.6506
0.600	-0.0624	-0.0276	0.0104	-0.0856	-0.6553
0.625	*******	*******	0.0168	-0.0783	-0.6752
0.650	-0.0561	-0.0234	0.0019	-0.0773	-0.7117
0.675	*******	-0.0362	0.0008	-0.0791	-0.7170
0.700	-0.0476	-0.0424	0.0016	-0.0810	-0.7381
0.725	*******	-0.0470	*******	-0.0767	-0.7492
0.750	-0.0346	-0.0539	*******	-0.0705	-0.7564
0.775	*******	-0.0609	-0.0179	-0.0817	-0.7469
0.800	-0.0102	-0.0631	-0.0321	-0.0957	*******
0.825	*******	-0.0595	-0.0426	-0.0908	-0.7002
0.850	0.0140	-0.0514	-0.0487	-0.1037	-0.6839
0.875	*******	-0.0408	-0.0517	-0.1136	-0.7790
0.900	0.0588	-0.0193	-0.0483	-0.1197	*******
0.925	*******	0.0130	-0.0245	-0.1037	-0.9493
0.950	0.0960	0.0470	0.0092	-0.0695	-0.3472
0.975	*******	0.0924	0.0766	-0.0070	-0.1785
1.000	0.2160	0.2036	0.2020	0.1661	0.0730
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	-0.0307	-0.0120	0.0930	*******	-0.4800
-0.400	-0.0649	-0.0119	0.0283	-0.1144	-0.5576
-0.600	-0.0900	-0.0383	-0.0016	-0.0937	-0.6599
-0.700	*******	-0.0742	-0.0208	-0.0940	-0.7214
-0.800	*******	*******	-0.0686	-0.1060	-0.6505
-0.850	*******	-0.1009	-0.0977	-0.1426	-0.6712
-0.900	-0.0251	-0.0730	-0.1025	-0.1747	-0.8040
-0.950	0.0099	0.0070	-0.0512	-0.1404	-0.3937
-0.975	*******	0.0472	0.0039	-0.0691	-0.2372
-1.000	0.2093	0.1907	0.1793	0.1491	0.0728

Surface Pressures



Small Radius L.E.

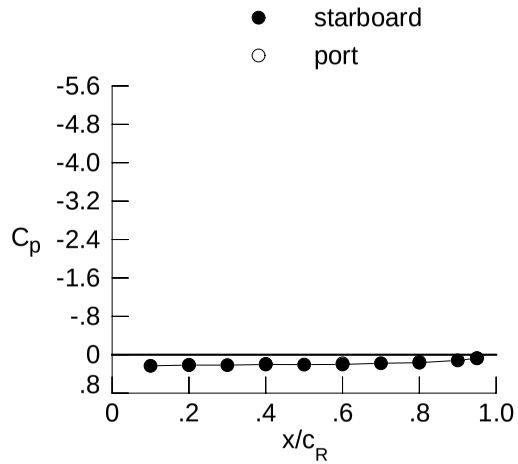
Run No. = 54 , Point No. = 1161

C_N = -0.006, C_m = -0.0072

α = -0.4 °, M_∞ = 0.847

R_{mac} = 36.0×10^6

Leading Edge Pressures

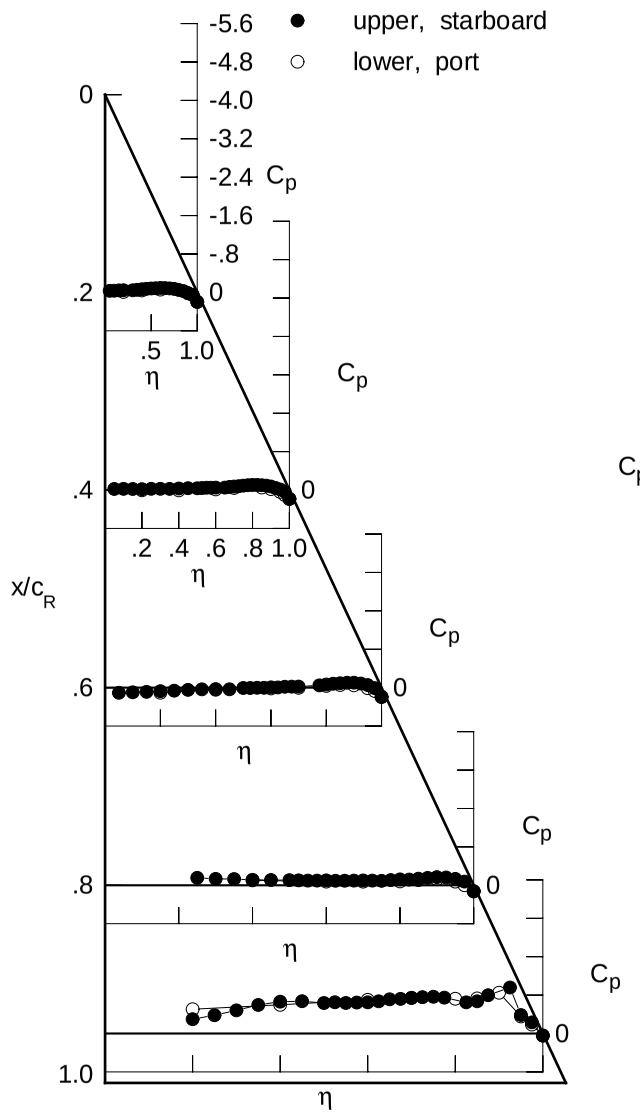


x/c_R	starb'd Cp	port Cp
0.10	0.2309	*******
0.20	0.2160	0.2093
0.30	0.2166	*******
0.40	0.2036	0.1907
0.50	0.2056	*******
0.60	0.2020	0.1793
0.70	0.1776	*******
0.80	0.1661	0.1491
0.90	0.1173	*******
0.95	0.0730	0.0728

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0328	-0.0224	0.1076	*******	*******
0.100	-0.0349	-0.0246	0.0971	*******	*******
0.150	-0.0422	-0.0227	0.0871	*******	*******
0.200	-0.0451	-0.0180	0.0736	*******	-0.2983
0.250	*******	-0.0258	0.0636	-0.1554	-0.3805
0.300	-0.0442	-0.0255	0.0461	-0.1337	-0.4825
0.350	-0.0535	-0.0243	0.0354	-0.1298	-0.5951
0.400	-0.0649	-0.0320	0.0307	-0.1134	-0.6634
0.450	-0.0743	-0.0380	0.0342	-0.1105	-0.6725
0.500	-0.0818	-0.0369	0.0075	-0.1070	-0.6353
0.525	*******	-0.0419	0.0073	-0.1034	-0.6510
0.550	-0.0865	-0.0483	0.0025	-0.0977	-0.6362
0.575	*******	-0.0479	0.0029	-0.0976	-0.6447
0.600	-0.0921	-0.0508	-0.0064	-0.1025	-0.6492
0.625	*******	*******	-0.0039	-0.0946	-0.6713
0.650	-0.0894	-0.0507	-0.0185	-0.0954	-0.7125
0.675	*******	-0.0646	-0.0204	-0.0980	-0.7213
0.700	-0.0834	-0.0731	-0.0227	-0.1009	-0.7448
0.725	*******	-0.0800	*******	-0.0975	-0.7568
0.750	-0.0727	-0.0912	*******	-0.0927	-0.7657
0.775	*******	-0.1005	-0.0472	-0.1088	-0.7469
0.800	-0.0506	-0.1053	-0.0660	-0.1231	*******
0.825	*******	-0.1052	-0.0816	-0.1192	-0.6494
0.850	-0.0275	-0.1003	-0.0913	-0.1373	-0.6711
0.875	*******	-0.0916	-0.1020	-0.1543	-0.7978
0.900	0.0170	-0.0738	-0.1030	-0.1695	*******
0.925	*******	-0.0434	-0.0857	-0.1621	-0.9582
0.950	0.0519	-0.0116	-0.0540	-0.1340	-0.3848
0.975	*******	0.0320	0.0094	-0.0770	-0.2317
1.000	0.1986	0.1815	0.1976	0.1225	0.0440
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0105	0.0058	0.1054	*******	-0.5058
-0.400	-0.0406	0.0062	0.0443	-0.1030	-0.5980
-0.600	-0.0581	-0.0136	0.0164	-0.0769	-0.7012
-0.700	*******	-0.0427	0.0033	-0.0757	-0.7394
-0.800	*******	*******	-0.0359	-0.0804	-0.7240
-0.850	*******	-0.0529	-0.0552	-0.1078	-0.7312
-0.900	0.0173	-0.0199	-0.0490	-0.1263	-0.8496
-0.950	0.0531	0.0388	0.0114	-0.0765	-0.3554
-0.975	*******	0.1045	0.0698	-0.0015	-0.1862
-1.000	0.1966	0.1874	0.1872	0.1291	0.0419

Surface Pressures



Small Radius L.E.

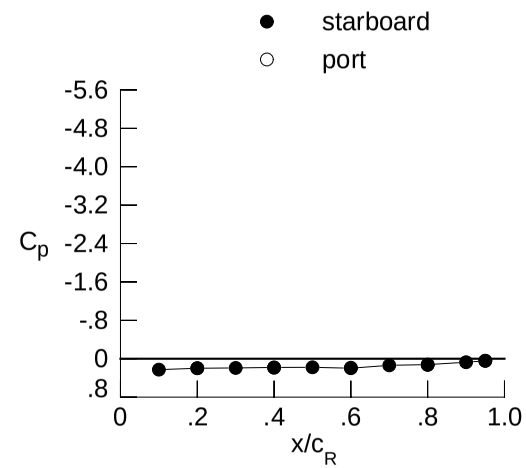
Run No. = 54 , Point No. = 1162

C_N = 0.035, C_m = -0.0150

α = 0.7 °, M_∞ = 0.847

R_{mac} = 35.9×10^6

Leading Edge Pressures

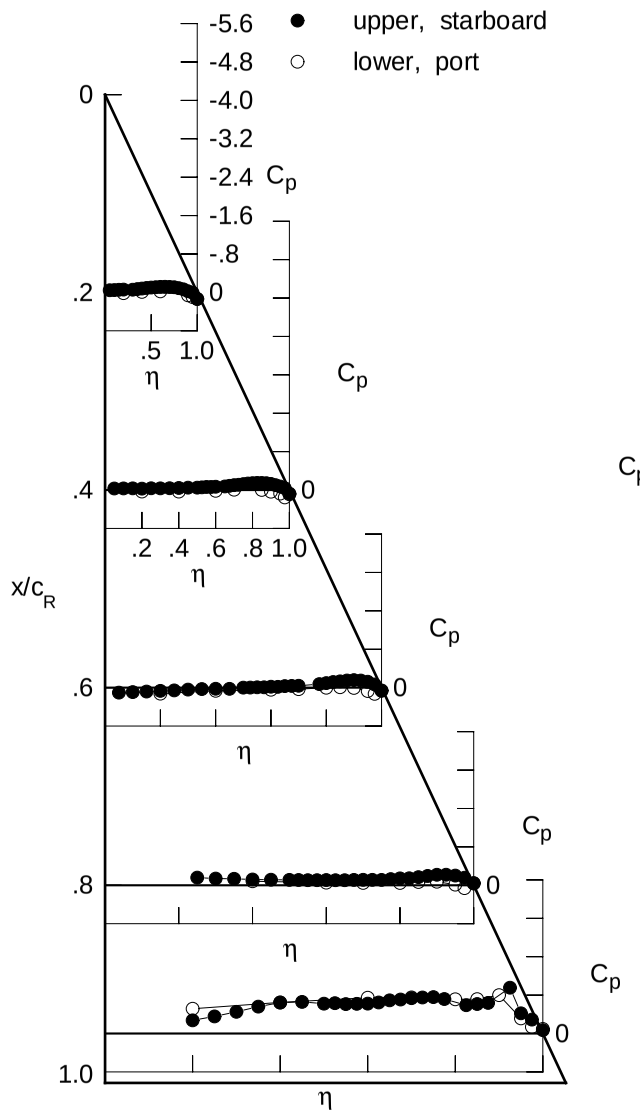


x/c_R	starb'd C_p	port C_p
0.10	0.2274	*******
0.20	0.1986	0.1966
0.30	0.1919	*******
0.40	0.1815	0.1874
0.50	0.1788	*******
0.60	0.1976	0.1872
0.70	0.1374	*******
0.80	0.1225	0.1291
0.90	0.0730	*******
0.95	0.0440	0.0419

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	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	-0.0321	0.1040	*******	*******
0.100	-0.0476	-0.0335	0.0926	*******	*******
0.150	-0.0542	-0.0351	0.0819	*******	*******
0.200	-0.0584	-0.0284	0.0675	*******	-0.2746
0.250	*******	-0.0369	0.0576	-0.1602	-0.3563
0.300	-0.0556	-0.0351	0.0405	-0.1403	-0.4519
0.350	-0.0687	-0.0372	0.0299	-0.1350	-0.5600
0.400	-0.0802	-0.0431	0.0233	-0.1208	-0.6429
0.450	-0.0919	-0.0499	0.0250	-0.1159	-0.6586
0.500	-0.1006	-0.0497	-0.0003	-0.1126	-0.6220
0.525	*******	-0.0557	-0.0015	-0.1101	-0.6324
0.550	-0.1079	-0.0636	-0.0070	-0.1061	-0.6131
0.575	*******	-0.0632	-0.0073	-0.1066	-0.6185
0.600	-0.1155	-0.0685	-0.0194	-0.1098	-0.6222
0.625	*******	*******	-0.0169	-0.1057	-0.6466
0.650	-0.1165	-0.0746	-0.0320	-0.1058	-0.6909
0.675	*******	-0.0884	-0.0362	-0.1120	-0.7079
0.700	-0.1135	-0.1012	-0.0393	-0.1141	-0.7362
0.725	*******	-0.1097	*******	-0.1133	-0.7501
0.750	-0.1069	-0.1234	*******	-0.1120	-0.7584
0.775	*******	-0.1358	-0.0733	-0.1291	-0.7186
0.800	-0.0879	-0.1435	-0.0945	-0.1442	*******
0.825	*******	-0.1476	-0.1167	-0.1460	-0.5895
0.850	-0.0640	-0.1475	-0.1314	-0.1694	-0.6148
0.875	*******	-0.1421	-0.1490	-0.1949	-0.6378
0.900	-0.0236	-0.1273	-0.1565	-0.2190	*******
0.925	*******	-0.1016	-0.1476	-0.2204	-0.9547
0.950	0.0069	-0.0735	-0.1231	-0.2024	-0.4208
0.975	*******	-0.0383	-0.0666	-0.1573	-0.2899
1.000	0.1358	0.0742	0.0646	-0.0466	-0.0699
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0158	0.0308	0.1245	*******	-0.5158
-0.400	-0.0108	0.0323	0.0659	-0.0836	-0.6482
-0.600	-0.0220	0.0163	0.0430	-0.0556	-0.7453
-0.700	*******	-0.0074	0.0311	-0.0499	-0.7521
-0.800	*******	*******	0.0016	-0.0488	-0.7128
-0.850	*******	-0.0025	-0.0088	-0.0687	-0.7163
-0.900	0.0609	0.0346	0.0059	-0.0742	-0.7990
-0.950	0.0976	0.0733	0.0705	-0.0138	-0.3149
-0.975	*******	0.1539	0.1287	0.0590	-0.1371
-1.000	0.1375	0.0882	0.0588	-0.0362	-0.0954

Surface Pressures



Small Radius L.E.

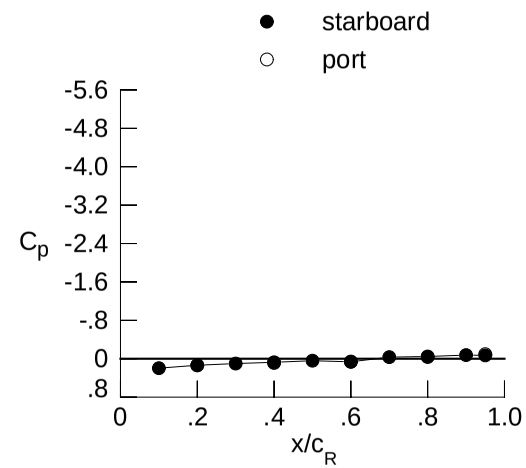
Run No. = 54 , Point No. = 1163

C_N = 0.076, C_m = -0.0205

α = 1.7 °, M_∞ = 0.847

R_{mac} = 36.0×10^6

Leading Edge Pressures

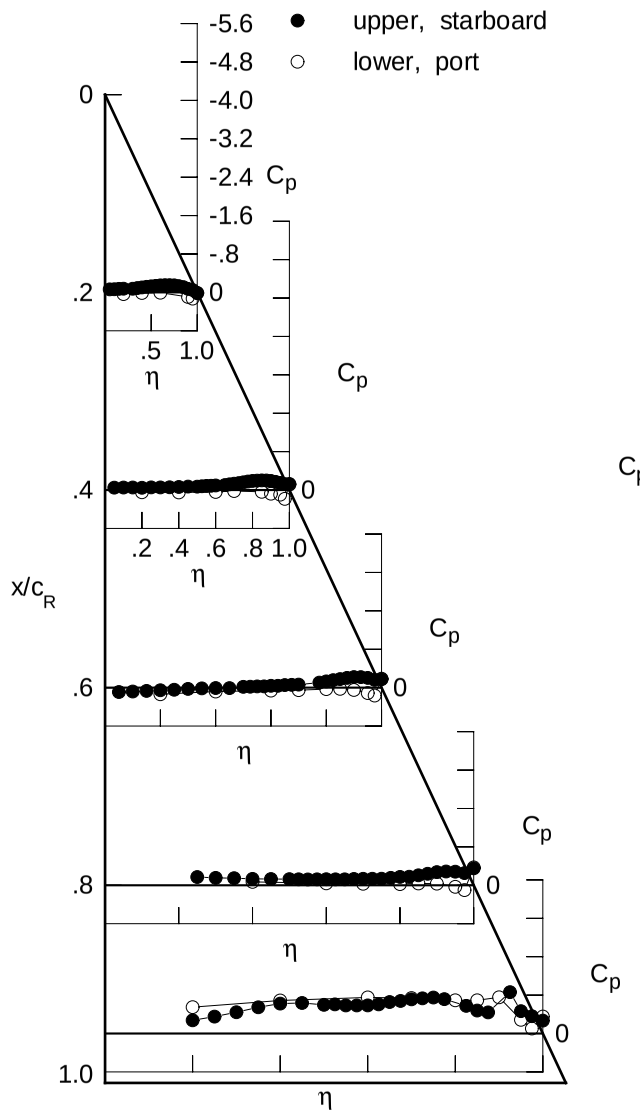


x/c_R	starb'd C_p	port C_p
0.10	0.1965	*******
0.20	0.1358	0.1375
0.30	0.1004	*******
0.40	0.0742	0.0882
0.50	0.0411	*******
0.60	0.0646	0.0588
0.70	-0.0332	*******
0.80	-0.0466	-0.0362
0.90	-0.0759	*******
0.95	-0.0699	-0.0954

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0629	-0.0498	0.0908	*******	*******
0.100	-0.0656	-0.0522	0.0809	*******	*******
0.150	-0.0737	-0.0530	0.0684	*******	*******
0.200	-0.0769	-0.0470	0.0541	*******	-0.2751
0.250	*******	-0.0553	0.0439	-0.1722	-0.3520
0.300	-0.0760	-0.0548	0.0262	-0.1546	-0.4435
0.350	-0.0901	-0.0578	0.0155	-0.1477	-0.5461
0.400	-0.1032	-0.0640	0.0082	-0.1339	-0.6236
0.450	-0.1158	-0.0717	0.0096	-0.1302	-0.6361
0.500	-0.1267	-0.0707	-0.0166	-0.1281	-0.5973
0.525	*******	-0.0787	-0.0191	-0.1251	-0.6073
0.550	-0.1362	-0.0867	-0.0256	-0.1214	-0.5852
0.575	*******	-0.0885	-0.0264	-0.1241	-0.5852
0.600	-0.1461	-0.0954	-0.0381	-0.1267	-0.5860
0.625	*******	*******	-0.0383	-0.1243	-0.6073
0.650	-0.1504	-0.1031	-0.0538	-0.1242	-0.6563
0.675	*******	-0.1190	-0.0586	-0.1324	-0.6783
0.700	-0.1502	-0.1323	-0.0634	-0.1350	-0.7121
0.725	*******	-0.1442	*******	-0.1359	-0.7331
0.750	-0.1472	-0.1607	*******	-0.1366	-0.7493
0.775	*******	-0.1775	-0.1048	-0.1552	-0.7163
0.800	-0.1303	-0.1895	-0.1305	-0.1747	*******
0.825	*******	-0.1959	-0.1559	-0.1781	-0.5758
0.850	-0.1100	-0.2010	-0.1786	-0.2079	-0.4780
0.875	*******	-0.1990	-0.2031	-0.2403	-0.4397
0.900	-0.0734	-0.1900	-0.2199	-0.2746	*******
0.925	*******	-0.1705	-0.2188	-0.2874	-0.8617
0.950	-0.0498	-0.1489	-0.2036	-0.2831	-0.4652
0.975	*******	-0.1239	-0.1616	-0.2540	-0.3606
1.000	0.0154	-0.1265	-0.1756	-0.3538	-0.2689
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0349	0.0463	0.1375	*******	-0.5490
-0.400	0.0122	0.0500	0.0807	-0.0710	-0.6879
-0.600	0.0061	0.0401	0.0613	-0.0409	-0.7519
-0.700	*******	0.0209	0.0523	-0.0323	-0.7387
-0.800	*******	*******	0.0308	-0.0252	-0.6919
-0.850	*******	0.0368	0.0245	-0.0385	-0.6919
-0.900	0.0948	0.0762	0.0479	-0.0344	-0.7541
-0.950	0.1299	0.0958	0.1128	0.0317	-0.2854
-0.975	*******	0.1840	0.1651	0.0998	-0.1042
-1.000	0.0105	-0.1134	-0.1863	-0.3726	-0.3533

Surface Pressures



Small Radius L.E.

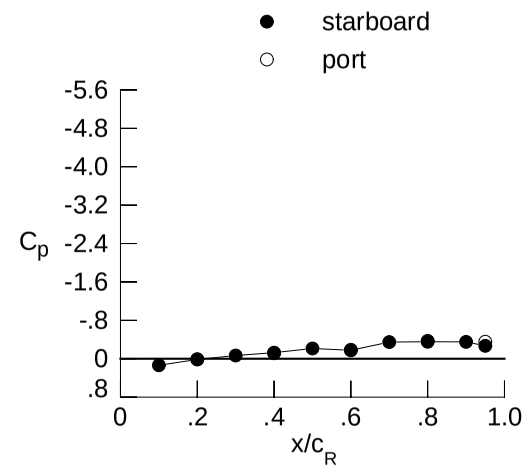
Run No. = 54 , Point No. = 1164

C_N = 0.115, C_m = -0.0255

α = 2.8 °, M_∞ = 0.851

R_{mac} = 36.0×10^6

Leading Edge Pressures

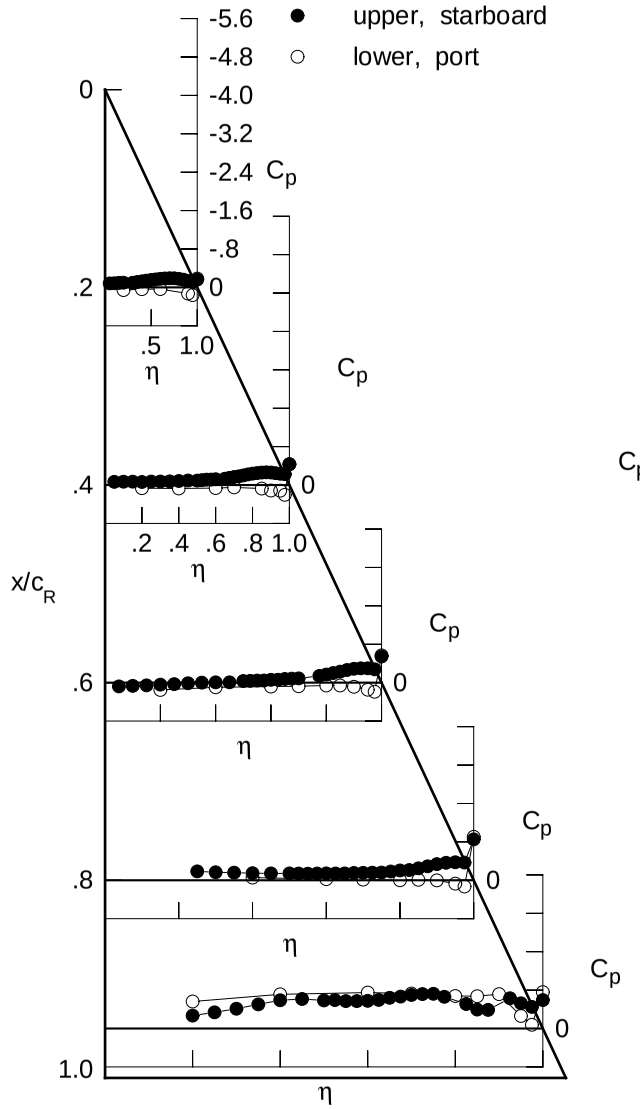


x/c_R	starb'd C_p	port C_p
0.10	0.1359	*******
0.20	0.0154	0.0105
0.30	-0.0670	*******
0.40	-0.1265	-0.1134
0.50	-0.2137	*******
0.60	-0.1756	-0.1863
0.70	-0.3472	*******
0.80	-0.3538	-0.3726
0.90	-0.3511	*******
0.95	-0.2689	-0.3533

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0834	-0.0664	0.0786	*******	*******
0.100	-0.0856	-0.0697	0.0670	*******	*******
0.150	-0.0938	-0.0701	0.0567	*******	*******
0.200	-0.0976	-0.0643	0.0415	*******	-0.2688
0.250	*******	-0.0730	0.0313	-0.1859	-0.3368
0.300	-0.0964	-0.0737	0.0124	-0.1669	-0.4117
0.350	-0.1121	-0.0768	0.0003	-0.1589	-0.5026
0.400	-0.1260	-0.0842	-0.0064	-0.1480	-0.5888
0.450	-0.1418	-0.0940	-0.0062	-0.1434	-0.6150
0.500	-0.1548	-0.0924	-0.0337	-0.1435	-0.5845
0.525	*******	-0.1013	-0.0376	-0.1404	-0.5925
0.550	-0.1661	-0.1117	-0.0442	-0.1376	-0.5713
0.575	*******	-0.1136	-0.0450	-0.1404	-0.5708
0.600	-0.1792	-0.1208	-0.0594	-0.1439	-0.5770
0.625	*******	*******	-0.0597	-0.1418	-0.5960
0.650	-0.1865	-0.1319	-0.0768	-0.1429	-0.6399
0.675	*******	-0.1494	-0.0835	-0.1524	-0.6649
0.700	-0.1904	-0.1669	-0.0888	-0.1553	-0.6990
0.725	*******	-0.1805	*******	-0.1585	-0.7178
0.750	-0.1898	-0.2004	*******	-0.1610	-0.7229
0.775	*******	-0.2216	-0.1393	-0.1833	-0.6611
0.800	-0.1787	-0.2375	-0.1691	-0.2051	*******
0.825	*******	-0.2499	-0.2002	-0.2133	-0.5107
0.850	-0.1618	-0.2600	-0.2290	-0.2490	-0.3941
0.875	*******	-0.2645	-0.2636	-0.2909	-0.3877
0.900	-0.1319	-0.2611	-0.2891	-0.3366	*******
0.925	*******	-0.2473	-0.2988	-0.3645	-0.6304
0.950	-0.1167	-0.2352	-0.2989	-0.3753	-0.5254
0.975	*******	-0.2267	-0.2777	-0.3699	-0.4507
1.000	-0.1629	-0.4353	-0.5451	-0.8528	-0.5922
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0557	0.0659	0.1524	*******	-0.5621
-0.400	0.0368	0.0715	0.0971	-0.0557	-0.7122
-0.600	0.0355	0.0634	0.0815	-0.0238	-0.7488
-0.700	*******	0.0492	0.0744	-0.0144	-0.7281
-0.800	*******	*******	0.0591	-0.0011	-0.6772
-0.850	*******	0.0738	0.0596	-0.0102	-0.6727
-0.900	0.1278	0.1142	0.0865	0.0018	-0.7160
-0.950	0.1604	0.1173	0.1476	0.0699	-0.2619
-0.975	*******	0.2038	0.1893	0.1294	-0.0779
-1.000	-0.1835	-0.4323	-0.5677	-0.9060	-0.7578

Surface Pressures



Small Radius L.E.

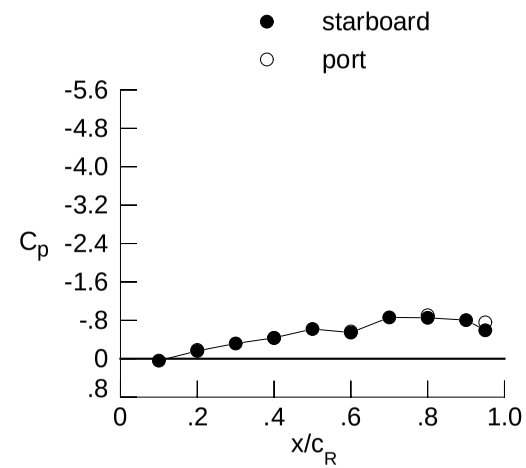
Run No. = 54 , Point No. = 1165

C_N = 0.155, C_m = -0.0304

α = 3.9 °, M_∞ = 0.850

R_{mac} = 36.0×10^6

Leading Edge Pressures

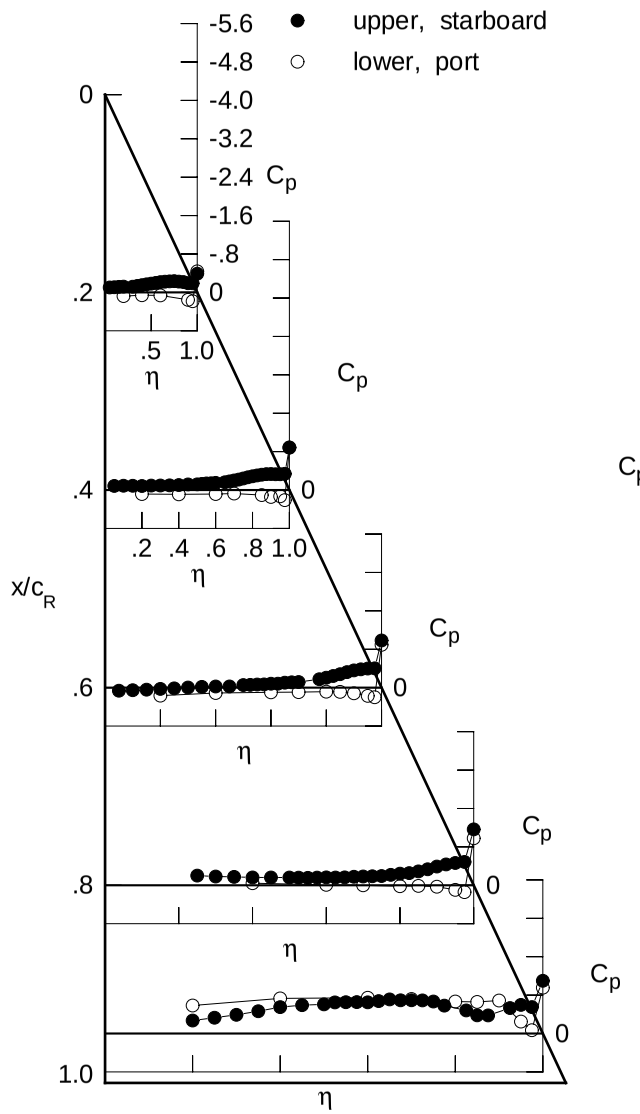


x/c_R	starb'd C_p	port C_p
0.10	0.0402	*******
0.20	-0.1629	-0.1835
0.30	-0.3176	*******
0.40	-0.4353	-0.4323
0.50	-0.6192	*******
0.60	-0.5451	-0.5677
0.70	-0.8611	*******
0.80	-0.8528	-0.9060
0.90	-0.8043	*******
0.95	-0.5922	-0.7578

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1025	-0.0855	0.0641	*******	*******
0.100	-0.1068	-0.0899	0.0534	*******	*******
0.150	-0.1151	-0.0892	0.0422	*******	*******
0.200	-0.1203	-0.0839	0.0267	*******	-0.2701
0.250	*******	-0.0930	0.0150	-0.2016	-0.3290
0.300	-0.1187	-0.0945	-0.0026	-0.1826	-0.3898
0.350	-0.1343	-0.0974	-0.0160	-0.1756	-0.4638
0.400	-0.1506	-0.1044	-0.0238	-0.1635	-0.5498
0.450	-0.1677	-0.1168	-0.0247	-0.1626	-0.5903
0.500	-0.1826	-0.1185	-0.0538	-0.1612	-0.6074
0.525	*******	-0.1270	-0.0573	-0.1592	-0.6482
0.550	-0.1967	-0.1378	-0.0651	-0.1556	-0.6519
0.575	*******	-0.1409	-0.0676	-0.1599	-0.6543
0.600	-0.2140	-0.1494	-0.0815	-0.1644	-0.6498
0.625	*******	*******	-0.0821	-0.1620	-0.6751
0.650	-0.2232	-0.1613	-0.1031	-0.1652	-0.7108
0.675	*******	-0.1796	-0.1109	-0.1775	-0.6920
0.700	-0.2294	-0.1994	-0.1168	-0.1831	-0.6925
0.725	*******	-0.2172	*******	-0.1883	-0.6893
0.750	-0.2341	-0.2404	*******	-0.1929	-0.6662
0.775	*******	-0.2653	-0.1753	-0.2175	-0.5811
0.800	-0.2252	-0.2865	-0.2071	-0.2420	*******
0.825	*******	-0.3040	-0.2428	-0.2536	-0.4806
0.850	-0.2153	-0.3191	-0.2799	-0.2892	-0.3788
0.875	*******	-0.3309	-0.3229	-0.3339	-0.3765
0.900	-0.1908	-0.3339	-0.3588	-0.3906	*******
0.925	*******	-0.3291	-0.3813	-0.4345	-0.5302
0.950	-0.1898	-0.3291	-0.3974	-0.4652	-0.5960
0.975	*******	-0.3386	-0.4025	-0.4867	-0.5502
1.000	-0.3897	-0.8831	-0.9824	-1.1645	-1.0983
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0766	0.0832	0.1667	*******	-0.5832
-0.400	0.0589	0.0894	0.1117	-0.0434	-0.7316
-0.600	0.0623	0.0834	0.0973	-0.0099	-0.7449
-0.700	*******	0.0729	0.0932	0.0004	-0.7195
-0.800	*******	*******	0.0840	0.0194	-0.6661
-0.850	*******	0.1050	0.0881	0.0129	-0.6578
-0.900	0.1549	0.1440	0.1176	0.0295	-0.6870
-0.950	0.1837	0.1308	0.1715	0.0950	-0.2490
-0.975	*******	0.2108	0.1998	0.1423	-0.0685
-1.000	-0.4383	-0.8873	-0.8923	-0.9795	-0.9545

Surface Pressures



Small Radius L.E.

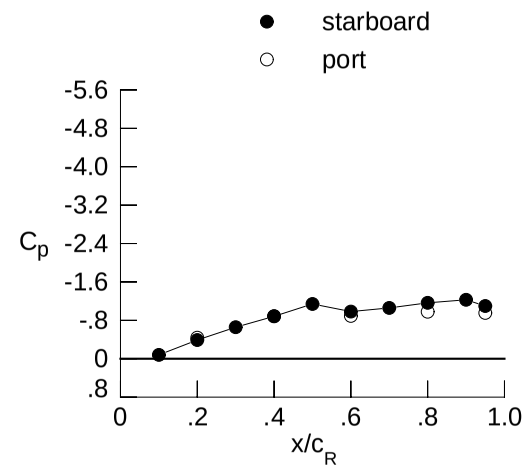
Run No. = 54 , Point No. = 1166

C_N = 0.202, C_m = -0.0414

α = 4.9 °, M_∞ = 0.850

$R_{mac} = 36.0 \times 10^6$

Leading Edge Pressures

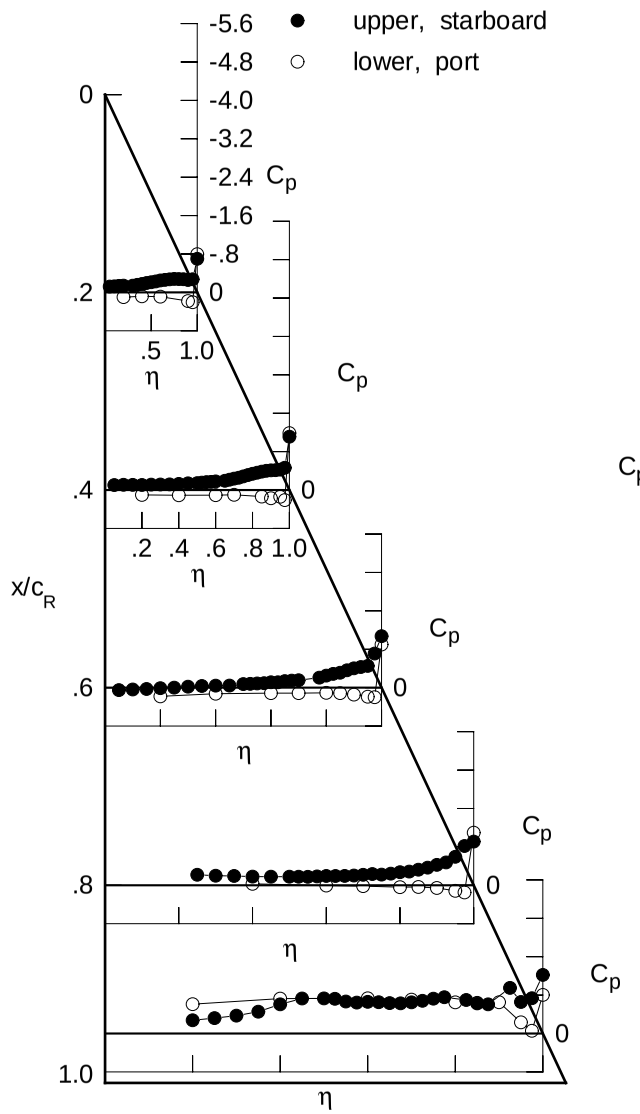


x/c_R	starb'd C_p	port C_p
0.10	-0.0803	*******
0.20	-0.3897	-0.4383
0.30	-0.6565	*******
0.40	-0.8831	-0.8873
0.50	-1.1410	*******
0.60	-0.9824	-0.8923
0.70	-1.0585	*******
0.80	-1.1645	-0.9795
0.90	-1.2278	*******
0.95	-1.0983	-0.9545

Table C4. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.1218	-0.1037	0.0511	*******	*******
0.100	-0.1262	-0.1098	0.0380	*******	*******
0.150	-0.1356	-0.1078	0.0279	*******	*******
0.200	-0.1409	-0.1052	0.0115	*******	-0.2759
0.250	*******	-0.1129	-0.0001	-0.2194	-0.3209
0.300	-0.1398	-0.1149	-0.0203	-0.1992	-0.3716
0.350	-0.1573	-0.1177	-0.0347	-0.1941	-0.4542
0.400	-0.1754	-0.1283	-0.0418	-0.1808	-0.6080
0.450	-0.1950	-0.1402	-0.0429	-0.1791	-0.7298
0.500	-0.2113	-0.1441	-0.0741	-0.1789	-0.7310
0.525	*******	-0.1541	-0.0794	-0.1786	-0.7233
0.550	-0.2279	-0.1651	-0.0875	-0.1767	-0.6660
0.575	*******	-0.1697	-0.0925	-0.1847	-0.6443
0.600	-0.2490	-0.1797	-0.1122	-0.1948	-0.6598
0.625	*******	*******	-0.1120	-0.1936	-0.6521
0.650	-0.2606	-0.1932	-0.1360	-0.1954	-0.6338
0.675	*******	-0.2152	-0.1463	-0.2030	-0.6288
0.700	-0.2721	-0.2379	-0.1548	-0.2180	-0.6496
0.725	*******	-0.2563	*******	-0.2347	-0.6819
0.750	-0.2805	-0.2836	*******	-0.2228	-0.7259
0.775	*******	-0.3121	-0.2077	-0.2426	-0.7562
0.800	-0.2779	-0.3384	-0.2502	-0.2724	*******
0.825	*******	-0.3610	-0.2864	-0.2859	-0.6982
0.850	-0.2745	-0.3831	-0.3106	-0.3246	-0.6273
0.875	*******	-0.4007	-0.3614	-0.3672	-0.6077
0.900	-0.2582	-0.4102	-0.4022	-0.4255	*******
0.925	*******	-0.4135	-0.4298	-0.4760	-0.9504
0.950	-0.2735	-0.4251	-0.4526	-0.5937	-0.6568
0.975	*******	-0.4640	-0.7107	-0.8183	-0.7355
1.000	-0.6990	-1.1115	-1.0720	-0.9104	-1.2212
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0987	0.1014	0.1814	*******	-0.6112
-0.400	0.0818	0.1087	0.1267	-0.0302	-0.7271
-0.600	0.0891	0.1070	0.1146	0.0052	-0.7336
-0.700	*******	0.0993	0.1146	0.0176	-0.7054
-0.800	*******	*******	0.1083	0.0389	-0.6499
-0.850	*******	0.1359	0.1142	0.0352	-0.6389
-0.900	0.1807	0.1710	0.1452	0.0557	-0.6514
-0.950	0.2051	0.1401	0.1886	0.1150	-0.2327
-0.975	*******	0.2096	0.1995	0.1486	-0.0569
-1.000	-0.7956	-1.1860	-0.8981	-1.0963	-0.8044

Surface Pressures



Small Radius L.E.

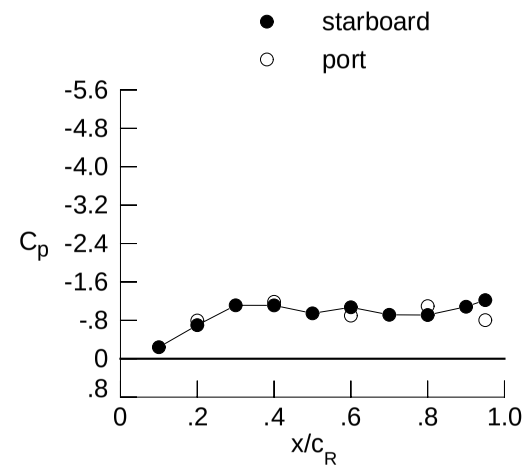
Run No. = 54 , Point No. = 1167

C_N = 0.250, C_m = -0.0508

α = 5.9 °, M_∞ = 0.851

R_{mac} = 36.0×10^6

Leading Edge Pressures

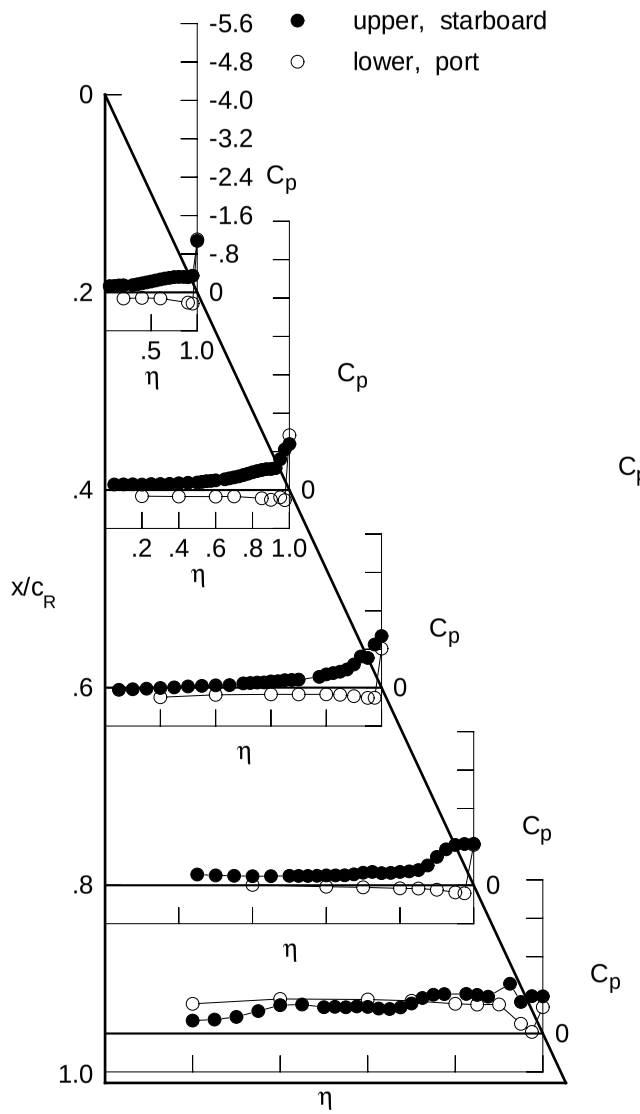


x/c_R	starb'd C_p	port C_p
0.10	-0.2403	*******
0.20	-0.6990	-0.7956
0.30	-1.1131	*******
0.40	-1.1115	-1.1860
0.50	-0.9452	*******
0.60	-1.0720	-0.8981
0.70	-0.9150	*******
0.80	-0.9104	-1.0963
0.90	-1.0835	*******
0.95	-1.2212	-0.8044

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1307	-0.1151	0.0447	*******	*******
0.100	-0.1330	-0.1172	0.0338	*******	*******
0.150	-0.1447	-0.1196	0.0219	*******	*******
0.200	-0.1482	-0.1134	0.0068	*******	-0.2697
0.250	*******	-0.1243	-0.0051	-0.2247	-0.2901
0.300	-0.1494	-0.1255	-0.0252	-0.2058	-0.3458
0.350	-0.1690	-0.1291	-0.0370	-0.1979	-0.4675
0.400	-0.1883	-0.1408	-0.0482	-0.1884	-0.5907
0.450	-0.2081	-0.1512	-0.0531	-0.1897	-0.6043
0.500	-0.2273	-0.1570	-0.0890	-0.1964	-0.5479
0.525	*******	-0.1695	-0.0959	-0.1949	-0.5561
0.550	-0.2477	-0.1836	-0.1054	-0.1946	-0.5461
0.575	*******	-0.1904	-0.1088	-0.1972	-0.5642
0.600	-0.2695	-0.2015	-0.1294	-0.2053	-0.5544
0.625	*******	*******	-0.1339	-0.2056	-0.5203
0.650	-0.2884	-0.2234	-0.1555	-0.2080	-0.5100
0.675	*******	-0.2444	-0.1601	-0.2283	-0.5439
0.700	-0.3034	-0.2642	-0.1670	-0.2616	-0.6251
0.725	*******	-0.2841	*******	-0.2786	-0.7398
0.750	-0.3188	-0.3122	*******	-0.2524	-0.8076
0.775	*******	-0.3396	-0.2251	-0.2586	-0.8204
0.800	-0.3230	-0.3699	-0.2762	-0.2781	*******
0.825	*******	-0.3947	-0.3035	-0.2894	-0.8249
0.850	-0.3223	-0.4178	-0.3319	-0.3171	-0.8037
0.875	*******	-0.4353	-0.3783	-0.4128	-0.7676
0.900	-0.3156	-0.4381	-0.4822	-0.5910	*******
0.925	*******	-0.4560	-0.6478	-0.7485	-1.0367
0.950	-0.3482	-0.6415	-0.6189	-0.8396	-0.6575
0.975	*******	-0.8433	-0.8984	-0.8599	-0.7787
1.000	-1.0731	-0.9578	-1.0744	-0.8637	-0.7745
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1270	0.1278	0.2002	*******	-0.6185
-0.400	0.1146	0.1354	0.1495	-0.0083	-0.7200
-0.600	0.1254	0.1369	0.1396	0.0296	-0.7084
-0.700	*******	0.1325	0.1405	0.0430	-0.6815
-0.800	*******	*******	0.1392	0.0642	-0.6191
-0.850	*******	0.1724	0.1484	0.0683	-0.6025
-0.900	0.2128	0.2040	0.1779	0.0925	-0.6045
-0.950	0.2331	0.1521	0.2131	0.1479	-0.2022
-0.975	*******	0.2104	0.2113	0.1664	-0.0330
-1.000	-1.1040	-1.1412	-0.8138	-0.8418	-0.5489

Surface Pressures



Small Radius L.E.

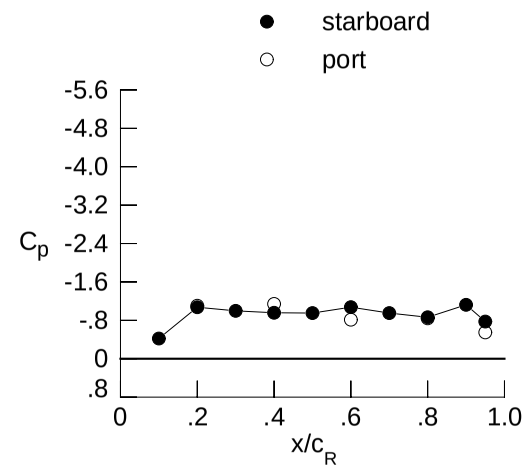
Run No. = 54 , Point No. = 1168

C_N = 0.303, C_m = -0.0625

α = 7.0 °, M_∞ = 0.850

R_{mac} = 36.0×10^6

Leading Edge Pressures

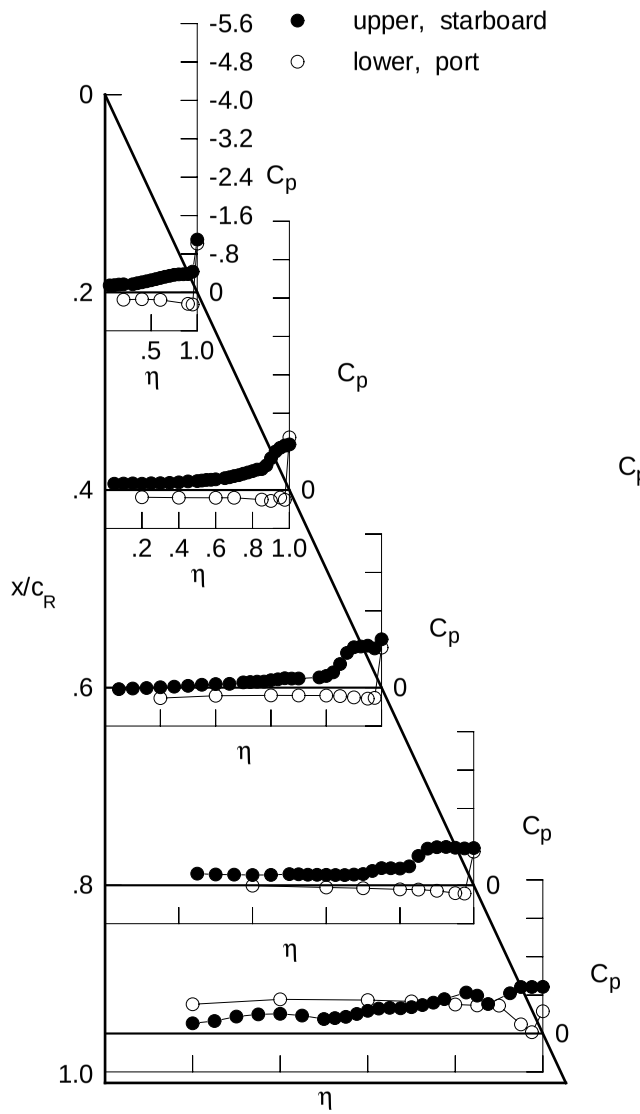


x/c_R	starb'd C_p	port C_p
0.10	-0.4211	*******
0.20	-1.0731	-1.1040
0.30	-0.9975	*******
0.40	-0.9578	-1.1412
0.50	-0.9514	*******
0.60	-1.0744	-0.8138
0.70	-0.9515	*******
0.80	-0.8637	-0.8418
0.90	-1.1235	*******
0.95	-0.7745	-0.5489

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1454	-0.1314	0.0311	*******	*******
0.100	-0.1507	-0.1342	0.0183	*******	*******
0.150	-0.1636	-0.1384	0.0076	*******	*******
0.200	-0.1678	-0.1311	-0.0078	*******	-0.2131
0.250	*******	-0.1411	-0.0198	-0.2422	-0.2603
0.300	-0.1691	-0.1425	-0.0375	-0.2247	-0.3529
0.350	-0.1909	-0.1489	-0.0599	-0.2212	-0.3987
0.400	-0.2103	-0.1598	-0.0745	-0.2133	-0.4104
0.450	-0.2315	-0.1803	-0.0794	-0.2158	-0.3736
0.500	-0.2527	-0.1867	-0.1094	-0.2327	-0.3015
0.525	*******	-0.1975	-0.1171	-0.2292	-0.3210
0.550	-0.2759	-0.2104	-0.1249	-0.2202	-0.3469
0.575	*******	-0.2134	-0.1266	-0.2184	-0.4074
0.600	-0.3010	-0.2234	-0.1548	-0.2174	-0.4728
0.625	*******	*******	-0.1738	-0.2133	-0.5191
0.650	-0.3250	-0.2469	-0.1963	-0.2125	-0.5355
0.675	*******	-0.2665	-0.1890	-0.2235	-0.5252
0.700	-0.3452	-0.2907	-0.1907	-0.2343	-0.5487
0.725	*******	-0.3097	*******	-0.2986	-0.5932
0.750	-0.3653	-0.3395	*******	-0.3573	-0.6420
0.775	*******	-0.3659	-0.2125	-0.3549	-0.7160
0.800	-0.3752	-0.3933	-0.2433	-0.3486	*******
0.825	*******	-0.4258	-0.3181	-0.3941	-0.8536
0.850	-0.3786	-0.4364	-0.4920	-0.6111	-0.7887
0.875	*******	-0.5129	-0.7234	-0.7632	-0.6148
0.900	-0.3811	-0.6607	-0.8418	-0.7935	*******
0.925	*******	-0.8027	-0.8569	-0.7985	-0.8382
0.950	-0.4332	-0.8791	-0.8744	-0.7827	-0.9687
0.975	*******	-0.9277	-0.8166	-0.7683	-0.9695
1.000	-1.1002	-0.9496	-1.0072	-0.7763	-0.9722
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1519	0.1504	0.2182	*******	-0.6093
-0.400	0.1419	0.1589	0.1685	0.0083	-0.7117
-0.600	0.1557	0.1619	0.1614	0.0454	-0.6963
-0.700	*******	0.1609	0.1632	0.0616	-0.6690
-0.800	*******	*******	0.1646	0.0854	-0.6042
-0.850	*******	0.2002	0.1760	0.0899	-0.5858
-0.900	0.2382	0.2274	0.2035	0.1147	-0.5806
-0.950	0.2524	0.1567	0.2292	0.1637	-0.1902
-0.975	*******	0.2037	0.2132	0.1722	-0.0269
-1.000	-1.0169	-1.0970	-0.8335	-0.7004	-0.4631

Surface Pressures



Small Radius L.E.

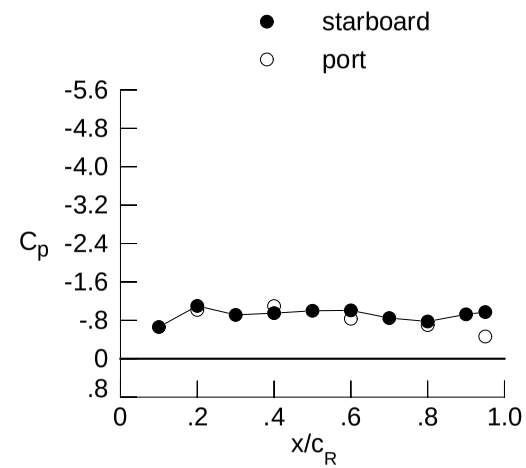
Run No. = 54 , Point No. = 1169

C_N = 0.363, C_m = -0.0763

α = 8.0 °, M_∞ = 0.849

R_{mac} = 36.0×10^6

Leading Edge Pressures

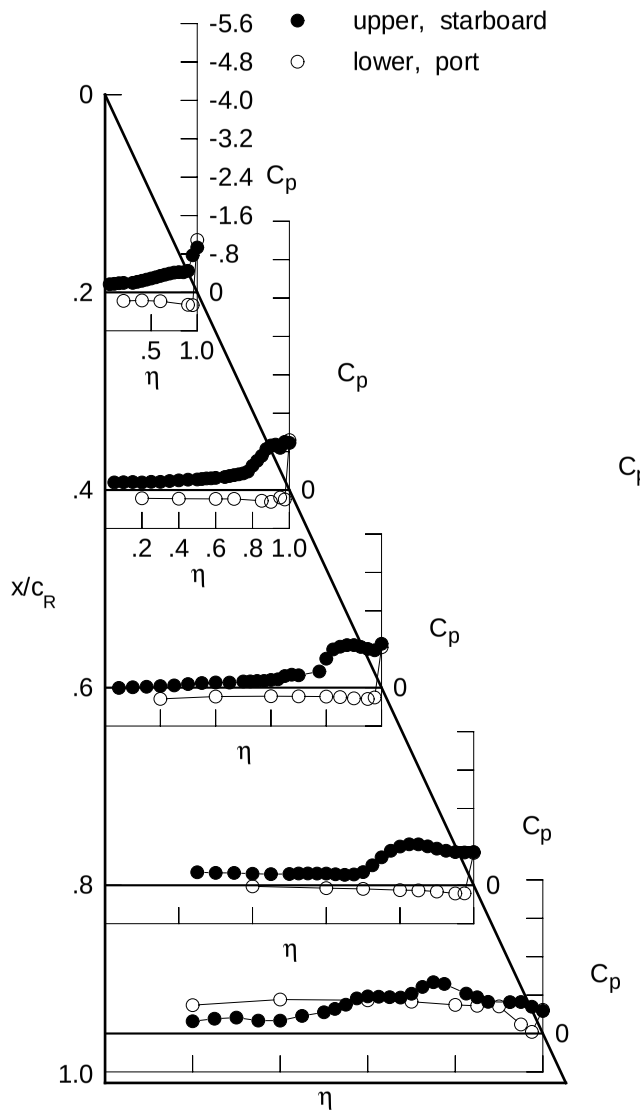


x/c_R	starb'd C_p	port C_p
0.10	-0.6608	*******
0.20	-1.1002	-1.0169
0.30	-0.9131	*******
0.40	-0.9496	-1.0970
0.50	-0.9990	*******
0.60	-1.0072	-0.8335
0.70	-0.8473	*******
0.80	-0.7763	-0.7004
0.90	-0.9246	*******
0.95	-0.9722	-0.4631

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1696	-0.1582	0.0054	*******	*******
0.100	-0.1787	-0.1624	-0.0078	*******	*******
0.150	-0.1911	-0.1673	-0.0182	*******	*******
0.200	-0.1974	-0.1579	-0.0321	*******	-0.2551
0.250	*******	-0.1711	-0.0465	-0.2715	-0.3079
0.300	-0.1983	-0.1707	-0.0743	-0.2588	-0.3310
0.350	-0.2197	-0.1878	-0.0962	-0.2577	-0.2685
0.400	-0.2416	-0.2013	-0.1078	-0.2402	-0.2680
0.450	-0.2654	-0.2156	-0.1058	-0.2317	-0.3661
0.500	-0.2895	-0.2198	-0.1284	-0.2354	-0.4427
0.525	*******	-0.2296	-0.1304	-0.2452	-0.5126
0.550	-0.3147	-0.2420	-0.1393	-0.2462	-0.6002
0.575	*******	-0.2442	-0.1388	-0.2437	-0.7311
0.600	-0.3432	-0.2533	-0.1598	-0.2436	-0.7735
0.625	*******	*******	-0.1734	-0.2292	-0.7661
0.650	-0.3685	-0.2708	-0.2419	-0.2179	-0.7567
0.675	*******	-0.2921	-0.2693	-0.2257	-0.7485
0.700	-0.3917	-0.3106	-0.2572	-0.2743	-0.8280
0.725	*******	-0.3269	*******	-0.4162	-0.9706
0.750	-0.4129	-0.3475	*******	-0.5821	-1.0691
0.775	*******	-0.3852	-0.3370	-0.7193	-1.0326
0.800	-0.4214	-0.5057	-0.6036	-0.8069	*******
0.825	*******	-0.6086	-0.7959	-0.8539	-0.8315
0.850	-0.4193	-0.7127	-0.8530	-0.8526	-0.7550
0.875	*******	-0.8547	-0.8855	-0.8108	-0.6598
0.900	-0.4499	-0.9279	-0.8863	-0.7630	*******
0.925	*******	-0.9464	-0.8482	-0.7196	-0.6538
0.950	-0.7724	-0.8795	-0.8061	-0.6917	-0.6559
0.975	*******	-1.0036	-0.7788	-0.6829	-0.5578
1.000	-0.9355	-0.9812	-0.9134	-0.6925	-0.4696
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1771	0.1723	0.2346	*******	-0.5907
-0.400	0.1678	0.1807	0.1855	0.0222	-0.7077
-0.600	0.1837	0.1848	0.1783	0.0598	-0.6919
-0.700	*******	0.1849	0.1818	0.0753	-0.6624
-0.800	*******	*******	0.1860	0.1013	-0.5958
-0.850	*******	0.2242	0.1967	0.1061	-0.5772
-0.900	0.2582	0.2461	0.2235	0.1304	-0.5649
-0.950	0.2652	0.1561	0.2360	0.1704	-0.1887
-0.975	*******	0.1958	0.2050	0.1676	-0.0336
-1.000	-1.0922	-1.0402	-0.8407	-0.6746	-0.4931

Surface Pressures



Small Radius L.E.

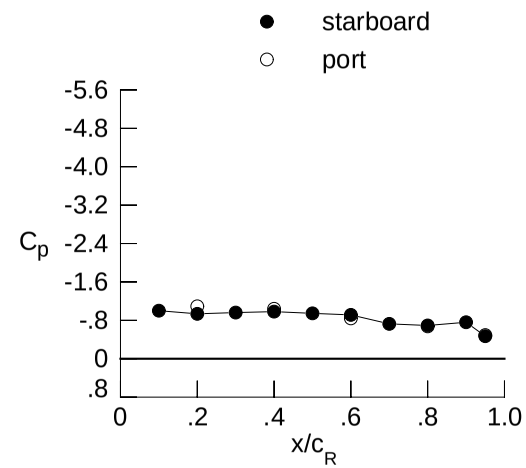
Run No. = 54 , Point No. = 1170

C_N = 0.424, C_m = -0.0888

α = 9.1 °, M_∞ = 0.847

R_{mac} = 35.9×10^6

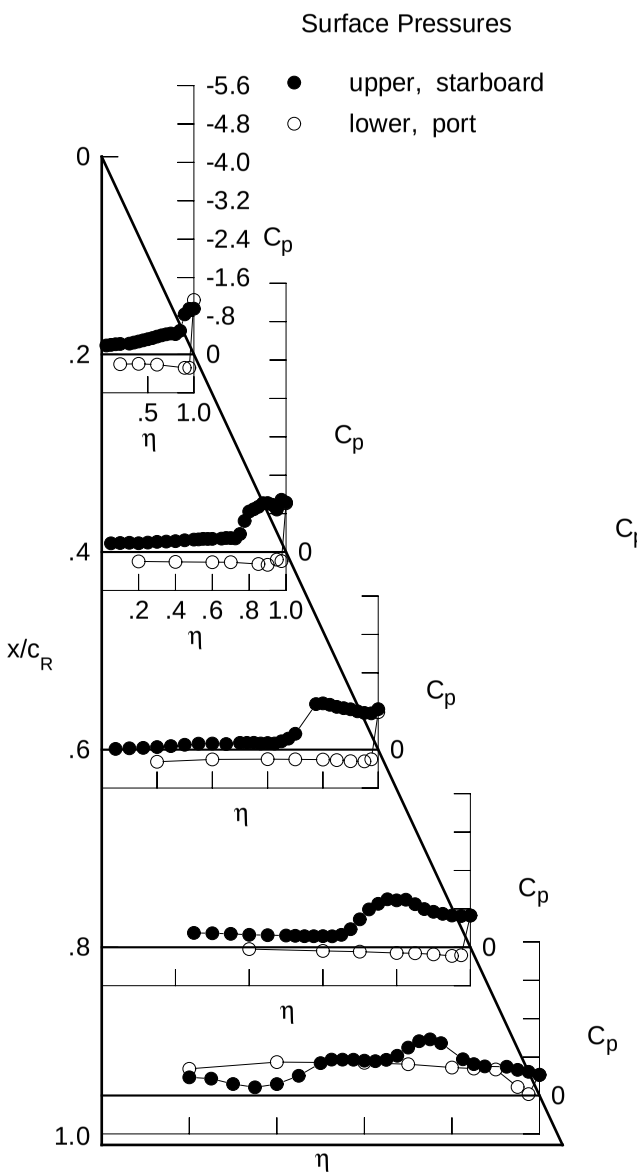
Leading Edge Pressures



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

Table C4. 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	-0.1857	-0.1819	-0.0149	*******	*******
0.100	-0.1981	-0.1882	-0.0281	*******	*******
0.150	-0.2114	-0.1926	-0.0370	*******	*******
0.200	-0.2176	-0.1830	-0.0535	*******	-0.3787
0.250	*******	-0.1967	-0.0737	-0.2993	-0.3516
0.300	-0.2240	-0.2119	-0.1018	-0.2921	-0.2391
0.350	-0.2467	-0.2178	-0.1250	-0.2800	-0.1701
0.400	-0.2692	-0.2266	-0.1274	-0.2603	-0.2378
0.450	-0.2932	-0.2451	-0.1170	-0.2521	-0.4104
0.500	-0.3160	-0.2590	-0.1405	-0.2449	-0.6744
0.525	*******	-0.2633	-0.1410	-0.2395	-0.7482
0.550	-0.3396	-0.2747	-0.1425	-0.2314	-0.7469
0.575	*******	-0.2727	-0.1283	-0.2301	-0.7453
0.600	-0.3704	-0.2748	-0.1373	-0.2316	-0.7253
0.625	*******	*******	-0.1280	-0.2291	-0.7150
0.650	-0.3964	-0.2792	-0.1739	-0.2592	-0.7429
0.675	*******	-0.2926	-0.2294	-0.3768	-0.8280
0.700	-0.4182	-0.2911	-0.3307	-0.5820	-0.9987
0.725	*******	-0.2839	*******	-0.7885	-1.1313
0.750	-0.4353	-0.3750	*******	-0.9053	-1.1697
0.775	*******	-0.6478	-0.9489	-0.9997	-1.0906
0.800	-0.4225	-0.8437	-0.9640	-0.9779	*******
0.825	*******	-0.8920	-0.9346	-0.9908	-0.7553
0.850	-0.4922	-0.9421	-0.8916	-0.8974	-0.6538
0.875	*******	-1.0175	-0.8639	-0.7963	-0.6065
0.900	-0.8339	-1.0198	-0.8407	-0.7388	*******
0.925	*******	-0.9847	-0.7984	-0.6967	-0.5990
0.950	-0.9484	-0.8847	-0.7645	-0.6614	-0.5348
0.975	*******	-1.0884	-0.7557	-0.6516	-0.4933
1.000	-0.9517	-1.0313	-0.8432	-0.6617	-0.4260
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2042	0.1957	0.2527	*******	-0.5558
-0.400	0.1964	0.2053	0.2038	0.0378	-0.6960
-0.600	0.2133	0.2116	0.1982	0.0757	-0.6815
-0.700	*******	0.2124	0.2028	0.0915	-0.6517
-0.800	*******	*******	0.2075	0.1193	-0.5827
-0.850	*******	0.2500	0.2181	0.1241	-0.5618
-0.900	0.2798	0.2664	0.2410	0.1472	-0.5423
-0.950	0.2801	0.1577	0.2439	0.1800	-0.1776
-0.975	*******	0.1887	0.2011	0.1660	-0.0292
-1.000	-1.1335	-1.0161	-0.7801	-0.6624	-0.4333



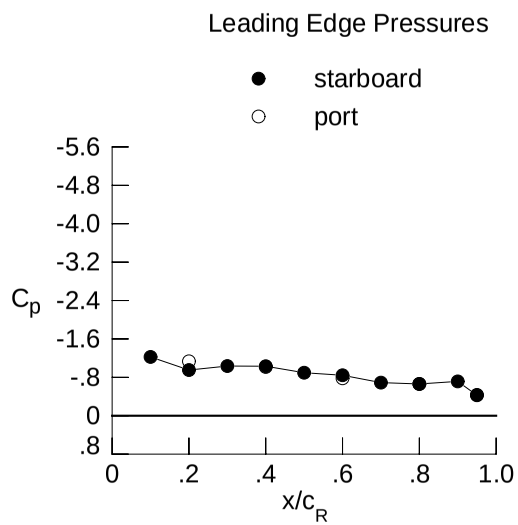
Small Radius L.E.

Run No. = 54 , Point No. = 1171

C_N = 0.485, C_m = -0.0990

α = 10.1 °, M_∞ = 0.848

R_{mac} = 35.9×10^6

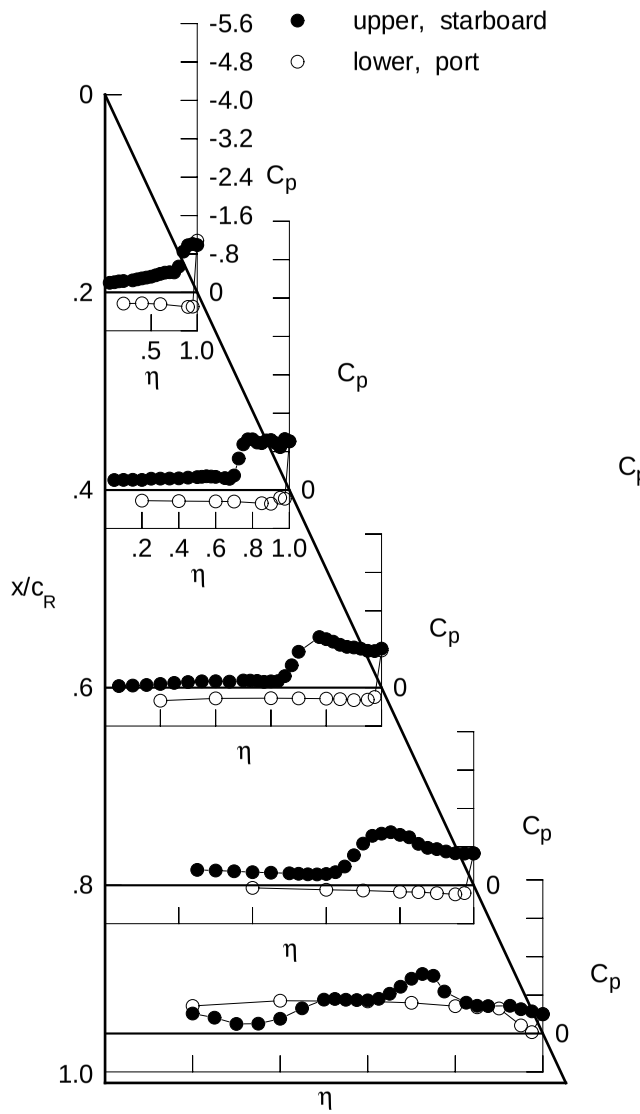


x/c_R	starb'd Cp	port Cp
0.10	-1.2248	*******
0.20	-0.9517	-1.1335
0.30	-1.0351	*******
0.40	-1.0313	-1.0161
0.50	-0.8959	*******
0.60	-0.8432	-0.7801
0.70	-0.6899	*******
0.80	-0.6617	-0.6624
0.90	-0.7155	*******
0.95	-0.4260	-0.4333

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2003	-0.2088	-0.0325	*******	*******
0.100	-0.2114	-0.2112	-0.0430	*******	*******
0.150	-0.2299	-0.2138	-0.0553	*******	*******
0.200	-0.2364	-0.2103	-0.0771	*******	-0.4159
0.250	*******	-0.2362	-0.0983	-0.3210	-0.3300
0.300	-0.2502	-0.2375	-0.1165	-0.3068	-0.1992
0.350	-0.2720	-0.2388	-0.1319	-0.2917	-0.2047
0.400	-0.2911	-0.2435	-0.1338	-0.2727	-0.3071
0.450	-0.3090	-0.2581	-0.1244	-0.2616	-0.5246
0.500	-0.3272	-0.2687	-0.1487	-0.2498	-0.7055
0.525	*******	-0.2763	-0.1462	-0.2400	-0.7204
0.550	-0.3560	-0.2873	-0.1412	-0.2290	-0.7033
0.575	*******	-0.2809	-0.1207	-0.2262	-0.6966
0.600	-0.3866	-0.2746	-0.1310	-0.2354	-0.6905
0.625	*******	*******	-0.1354	-0.2728	-0.7227
0.650	-0.4112	-0.2489	-0.2400	-0.3916	-0.8284
0.675	*******	-0.2334	-0.4655	-0.6259	-0.9745
0.700	-0.4198	-0.3034	-0.7471	-0.8683	-1.1405
0.725	*******	-0.6567	*******	-1.0302	-1.2398
0.750	-0.4156	-0.9520	*******	-1.0754	-1.2021
0.775	*******	-1.0571	-1.0534	-1.1055	-0.8747
0.800	-0.5384	-1.0568	-1.0095	-1.0501	*******
0.825	*******	-0.9893	-0.9574	-1.0003	-0.6414
0.850	-0.8492	-0.9769	-0.8930	-0.8632	-0.5780
0.875	*******	-1.0337	-0.8494	-0.7803	-0.5710
0.900	-0.9824	-1.0412	-0.8371	-0.7537	*******
0.925	*******	-0.9784	-0.8112	-0.7042	-0.5776
0.950	-1.0077	-0.8936	-0.7669	-0.6661	-0.5061
0.975	*******	-1.0621	-0.7617	-0.6600	-0.4618
1.000	-0.9856	-1.0173	-0.8132	-0.6618	-0.3987
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2330	0.2206	0.2719	*******	-0.5740
-0.400	0.2271	0.2306	0.2241	0.0540	-0.6834
-0.600	0.2449	0.2366	0.2197	0.0935	-0.6691
-0.700	*******	0.2403	0.2240	0.1088	-0.6391
-0.800	*******	*******	0.2298	0.1352	-0.5693
-0.850	*******	0.2750	0.2400	0.1426	-0.5461
-0.900	0.3022	0.2853	0.2599	0.1643	-0.5217
-0.950	0.2970	0.1602	0.2512	0.1885	-0.1677
-0.975	*******	0.1816	0.1960	0.1621	-0.0282
-1.000	-1.0775	-1.0123	-0.7743	-0.6672	-0.4071

Surface Pressures



Small Radius L.E.

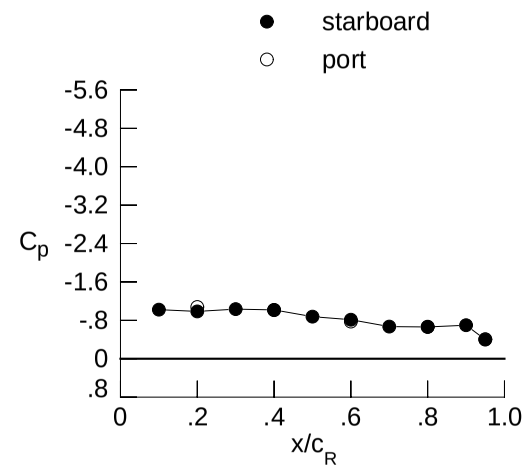
Run No. = 54 , Point No. = 1172

C_N = 0.539, C_m = -0.1055

α = 11.1 °, M_∞ = 0.849

R_{mac} = 36.0×10^6

Leading Edge Pressures

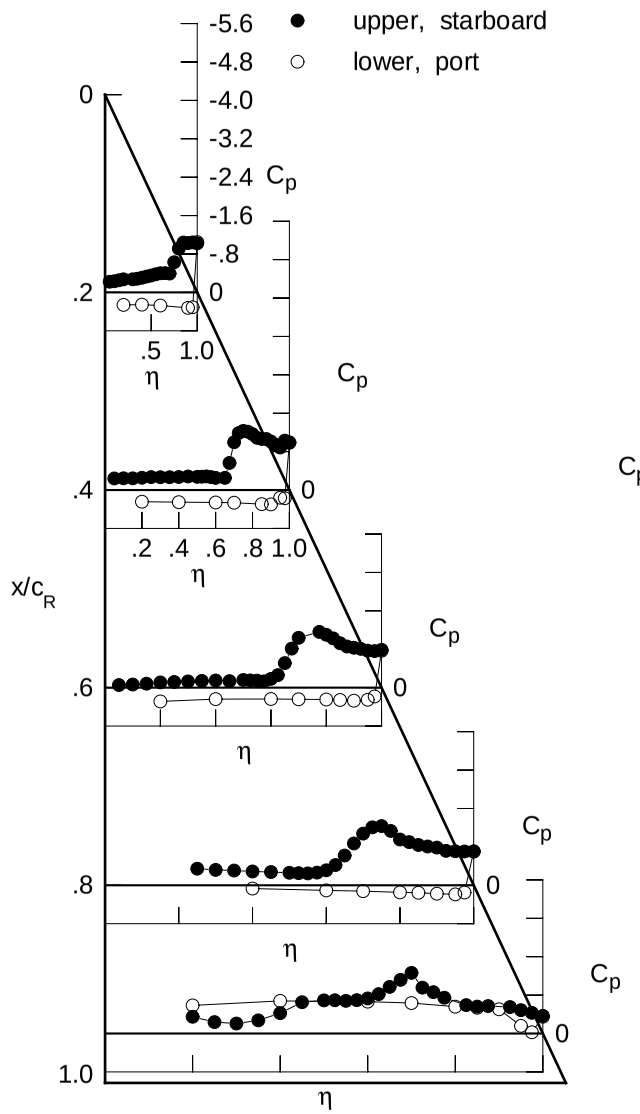


x/c_R	starb'd C_p	port C_p
0.10	-1.0226	*******
0.20	-0.9856	-1.0775
0.30	-1.0334	*******
0.40	-1.0173	-1.0123
0.50	-0.8765	*******
0.60	-0.8132	-0.7743
0.70	-0.6694	*******
0.80	-0.6618	-0.6672
0.90	-0.6981	*******
0.95	-0.3987	-0.4071

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2227	-0.2418	-0.0543	*******	*******
0.100	-0.2319	-0.2451	-0.0648	*******	*******
0.150	-0.2516	-0.2443	-0.0823	*******	*******
0.200	-0.2717	-0.2557	-0.1085	*******	-0.3488
0.250	*******	-0.2698	-0.1176	-0.3456	-0.2374
0.300	-0.2719	-0.2672	-0.1300	-0.3205	-0.2081
0.350	-0.2849	-0.2668	-0.1403	-0.3076	-0.2740
0.400	-0.3058	-0.2710	-0.1485	-0.2882	-0.4244
0.450	-0.3294	-0.2827	-0.1358	-0.2756	-0.6521
0.500	-0.3509	-0.2754	-0.1592	-0.2607	-0.6902
0.525	*******	-0.2776	-0.1510	-0.2530	-0.6931
0.550	-0.3776	-0.2843	-0.1464	-0.2478	-0.6807
0.575	*******	-0.2697	-0.1315	-0.2639	-0.6956
0.600	-0.3983	-0.2525	-0.1827	-0.3123	-0.7301
0.625	*******	*******	-0.2607	-0.4215	-0.8211
0.650	-0.4006	-0.2533	-0.5112	-0.6204	-0.9713
0.675	*******	-0.5651	-0.8129	-0.8715	-1.1187
0.700	-0.3931	-0.9954	-1.0383	-1.0763	-1.2634
0.725	*******	-1.1874	*******	-1.2068	-0.9551
0.750	-0.6279	-1.2318	*******	-1.2334	-0.8617
0.775	*******	-1.2153	-1.1619	-1.1322	-0.7458
0.800	-0.9129	-1.1638	-1.1016	-0.9535	*******
0.825	*******	-1.0872	-1.0263	-0.8994	-0.5910
0.850	-1.0394	-1.0639	-0.9246	-0.8403	-0.5608
0.875	*******	-1.0626	-0.8566	-0.8081	-0.5717
0.900	-1.0270	-1.0106	-0.8308	-0.7858	*******
0.925	*******	-0.9419	-0.8077	-0.7178	-0.5514
0.950	-1.0415	-0.8856	-0.7697	-0.7098	-0.4865
0.975	*******	-1.0293	-0.7619	-0.7038	-0.4303
1.000	-1.0220	-0.9943	-0.7877	-0.7011	-0.3679
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2605	0.2432	0.2869	*******	-0.5853
-0.400	0.2554	0.2524	0.2394	0.0679	-0.6788
-0.600	0.2738	0.2592	0.2365	0.1060	-0.6637
-0.700	*******	0.2638	0.2423	0.1221	-0.6345
-0.800	*******	*******	0.2476	0.1474	-0.5594
-0.850	*******	0.2939	0.2567	0.1556	-0.5359
-0.900	0.3221	0.2992	0.2721	0.1753	-0.5051
-0.950	0.3094	0.1591	0.2525	0.1897	-0.1591
-0.975	*******	0.1705	0.1836	0.1507	-0.0259
-1.000	-1.0478	-0.9844	-0.7676	-0.7085	-0.3495

Surface Pressures



Small Radius L.E.

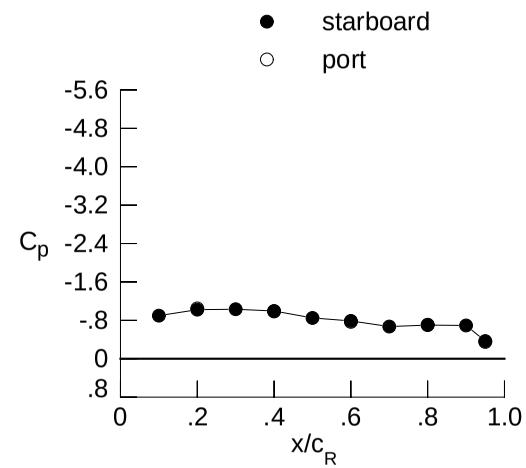
Run No. = 54 , Point No. = 1173

C_N = 0.591, C_m = -0.1115

α = 12.2 °, M_∞ = 0.847

R_{mac} = 35.9×10^6

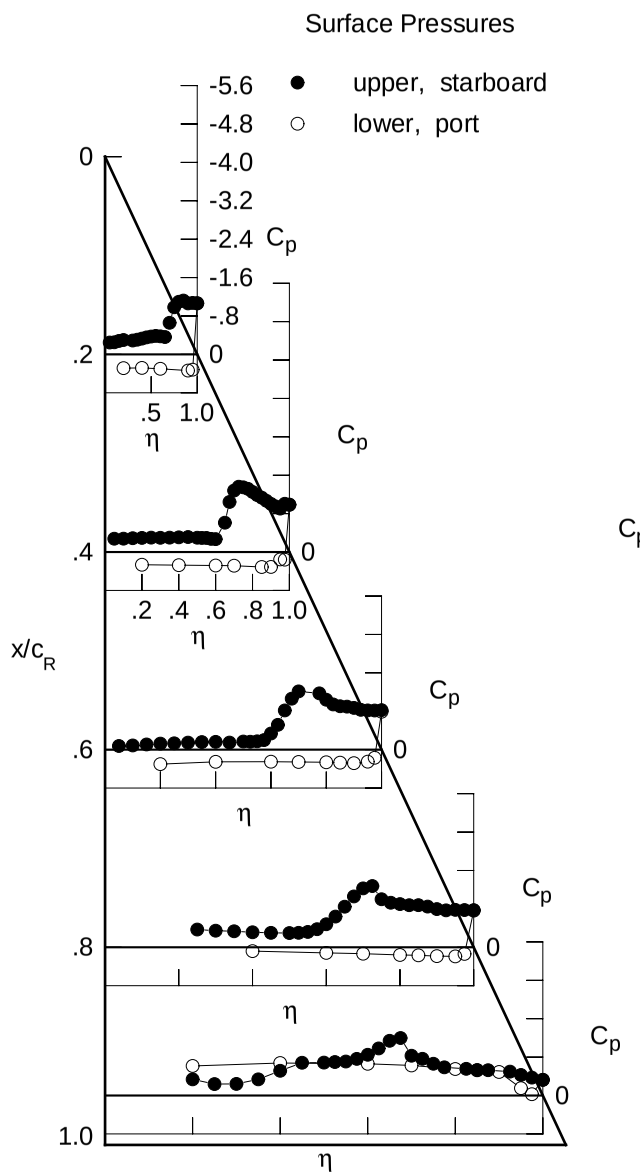
Leading Edge Pressures



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

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2474	-0.2778	-0.0761	*******	*******
0.100	-0.2523	-0.2782	-0.0869	*******	*******
0.150	-0.2803	-0.2880	-0.1081	*******	*******
0.200	-0.2997	-0.2942	-0.1255	*******	-0.3371
0.250	*******	-0.3001	-0.1317	-0.3693	-0.2384
0.300	-0.2890	-0.2971	-0.1464	-0.3455	-0.2419
0.350	-0.3063	-0.3003	-0.1579	-0.3334	-0.3370
0.400	-0.3290	-0.3062	-0.1624	-0.3129	-0.5152
0.450	-0.3543	-0.3129	-0.1468	-0.3010	-0.6825
0.500	-0.3720	-0.2982	-0.1688	-0.2965	-0.6855
0.525	*******	-0.2935	-0.1649	-0.3017	-0.6980
0.550	-0.3852	-0.2939	-0.1734	-0.3196	-0.7082
0.575	*******	-0.2745	-0.1988	-0.3770	-0.7634
0.600	-0.3757	-0.2686	-0.3357	-0.4801	-0.8491
0.625	*******	*******	-0.5172	-0.6402	-0.9811
0.650	-0.3619	-0.6114	-0.8172	-0.8459	-1.1398
0.675	*******	-1.0435	-1.0615	-1.0588	-1.1972
0.700	-0.6585	-1.2811	-1.2134	-1.2272	-0.8289
0.725	*******	-1.3607	*******	-1.2758	-0.7652
0.750	-0.9818	-1.3480	*******	-1.0009	-0.6613
0.775	*******	-1.3171	-1.1729	-0.9284	-0.5874
0.800	-1.0957	-1.2521	-1.0401	-0.8996	*******
0.825	*******	-1.1870	-0.9412	-0.8767	-0.5562
0.850	-1.1214	-1.1326	-0.9038	-0.8774	-0.5305
0.875	*******	-1.0677	-0.8962	-0.8478	-0.5271
0.900	-1.0623	-1.0034	-0.8695	-0.7958	*******
0.925	*******	-0.9515	-0.8296	-0.7699	-0.4974
0.950	-1.0728	-0.9045	-0.8177	-0.7802	-0.4281
0.975	*******	-1.0057	-0.8155	-0.7758	-0.3727
1.000	-1.0613	-0.9880	-0.8235	-0.7747	-0.3261
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2860	0.2647	0.3019	*******	-0.6157
-0.400	0.2818	0.2732	0.2540	0.0798	-0.6768
-0.600	0.3001	0.2808	0.2513	0.1170	-0.6608
-0.700	*******	0.2845	0.2572	0.1334	-0.6264
-0.800	*******	*******	0.2628	0.1597	-0.5523
-0.850	*******	0.3121	0.2709	0.1670	-0.5258
-0.900	0.3371	0.3107	0.2816	0.1841	-0.4904
-0.950	0.3187	0.1538	0.2503	0.1894	-0.1531
-0.975	*******	0.1586	0.1697	0.1378	-0.0276
-1.000	-1.0677	-0.9839	-0.7900	-0.7629	-0.3275



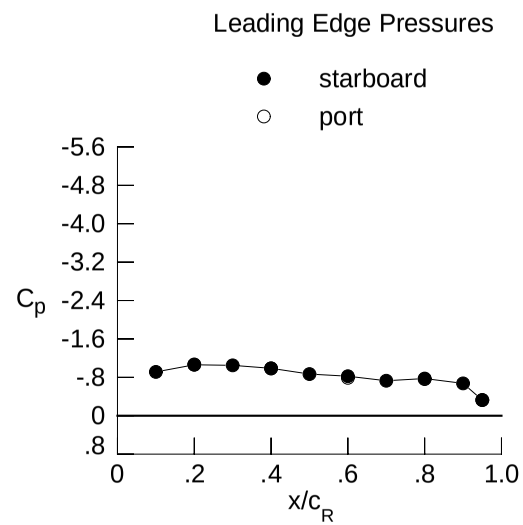
Small Radius L.E.

Run No. = 54 , Point No. = 1174

C_N = 0.640, C_m = -0.1163

α = 13.2 °, M_∞ = 0.847

R_{mac} = 35.9×10^6

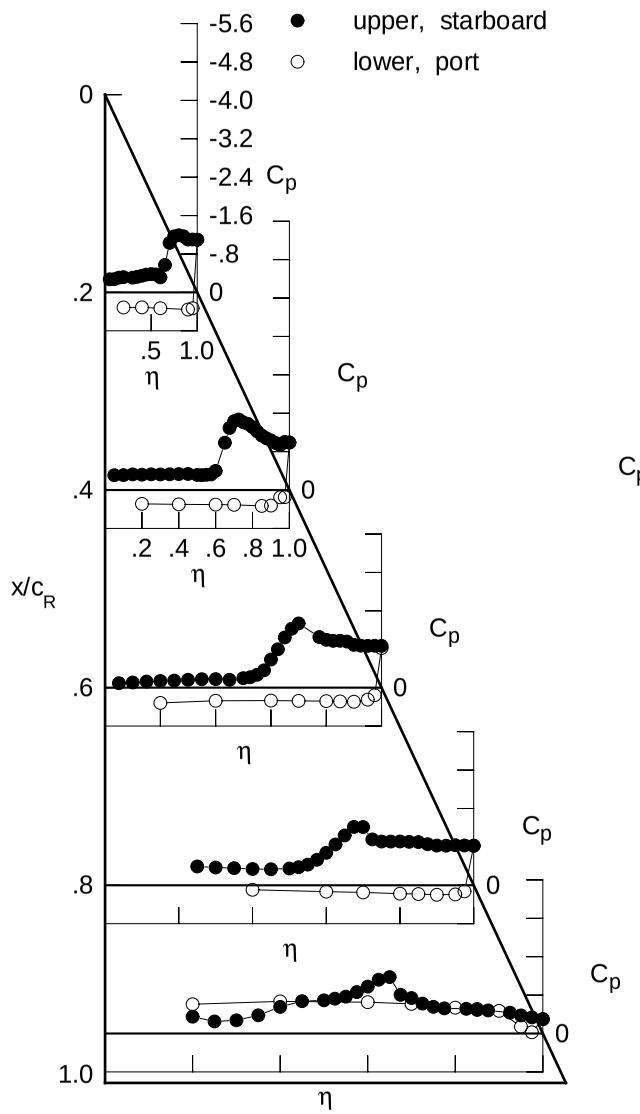


x/c_R	starb'd C_p	port C_p
0.10	-0.9126	*******
0.20	-1.0613	-1.0677
0.30	-1.0497	*******
0.40	-0.9880	-0.9839
0.50	-0.8680	*******
0.60	-0.8235	-0.7900
0.70	-0.7287	*******
0.80	-0.7747	-0.7629
0.90	-0.6739	*******
0.95	-0.3261	-0.3275

Table C4. 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	-0.2728	-0.3088	-0.0928	*******	*******
0.100	-0.2754	-0.3110	-0.1068	*******	*******
0.150	-0.3072	-0.3261	-0.1274	*******	*******
0.200	-0.3180	-0.3203	-0.1386	*******	-0.3504
0.250	*******	-0.3271	-0.1470	-0.3923	-0.2514
0.300	-0.3067	-0.3247	-0.1639	-0.3703	-0.2750
0.350	-0.3252	-0.3283	-0.1750	-0.3571	-0.3793
0.400	-0.3473	-0.3320	-0.1778	-0.3397	-0.5547
0.450	-0.3709	-0.3349	-0.1630	-0.3336	-0.6734
0.500	-0.3820	-0.3146	-0.1972	-0.3503	-0.6913
0.525	*******	-0.3104	-0.2164	-0.3765	-0.7258
0.550	-0.3745	-0.3173	-0.2687	-0.4307	-0.7684
0.575	*******	-0.3249	-0.3606	-0.5322	-0.8632
0.600	-0.3124	-0.3999	-0.5856	-0.6770	-0.9773
0.625	*******	*******	-0.7989	-0.8505	-1.1206
0.650	-0.5717	-0.9864	-1.0453	-1.0381	-1.1748
0.675	*******	-1.2925	-1.2269	-1.2158	-0.8058
0.700	-1.0309	-1.4346	-1.3377	-1.2138	-0.7392
0.725	*******	-1.4698	*******	-0.9563	-0.6232
0.750	-1.1673	-1.4101	*******	-0.9109	-0.5561
0.775	*******	-1.3783	-1.0542	-0.9113	-0.5244
0.800	-1.1905	-1.3116	-0.9965	-0.9128	*******
0.825	*******	-1.2225	-0.9751	-0.9058	-0.5148
0.850	-1.1690	-1.1365	-0.9760	-0.9003	-0.4915
0.875	*******	-1.0794	-0.9600	-0.8562	-0.4807
0.900	-1.1003	-1.0333	-0.8910	-0.8269	*******
0.925	*******	-0.9811	-0.8745	-0.8249	-0.4334
0.950	-1.1027	-0.9355	-0.8707	-0.8349	-0.3770
0.975	*******	-1.0026	-0.8732	-0.8298	-0.3361
1.000	-1.0960	-0.9898	-0.8705	-0.8275	-0.2974
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3145	0.2883	0.3187	*******	-0.6097
-0.400	0.3122	0.2982	0.2734	0.0939	-0.6691
-0.600	0.3300	0.3037	0.2696	0.1326	-0.6524
-0.700	*******	0.3080	0.2759	0.1490	-0.6178
-0.800	*******	*******	0.2809	0.1749	-0.5386
-0.850	*******	0.3308	0.2871	0.1822	-0.5111
-0.900	0.3564	0.3237	0.2939	0.1975	-0.4714
-0.950	0.3306	0.1508	0.2495	0.1906	-0.1428
-0.975	*******	0.1472	0.1580	0.1267	-0.0252
-1.000	-1.0988	-0.9893	-0.8241	-0.8207	-0.3007

Surface Pressures



Small Radius L.E.

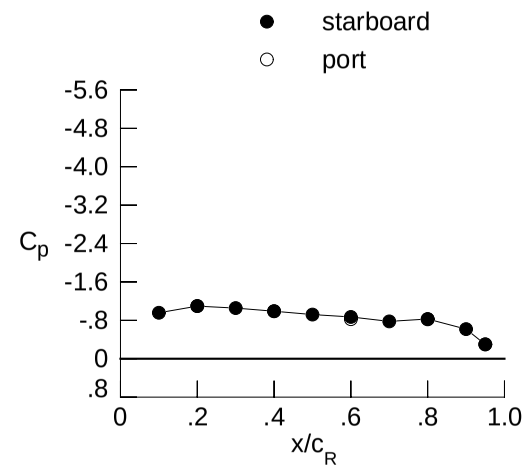
Run No. = 54 , Point No. = 1175

C_N = 0.689, C_m = -0.1210

α = 14.2 °, M_∞ = 0.847

R_{mac} = 35.8×10^6

Leading Edge Pressures

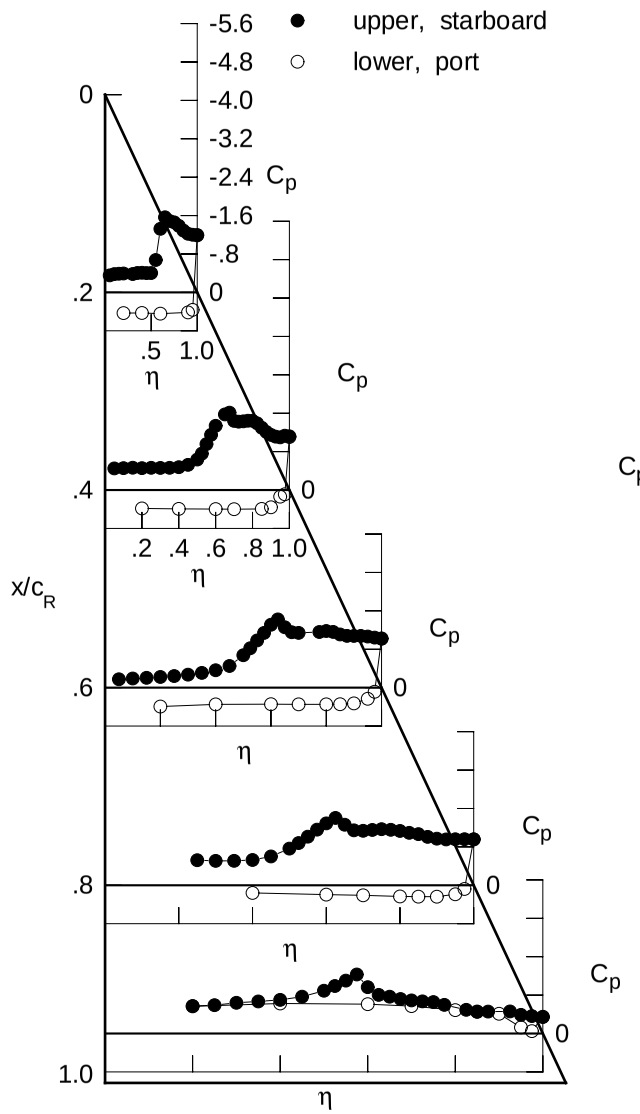


x/c_R	starb'd Cp	port Cp
0.10	-0.9574	*******
0.20	-1.0960	-1.0988
0.30	-1.0550	*******
0.40	-0.9898	-0.9893
0.50	-0.9201	*******
0.60	-0.8705	-0.8241
0.70	-0.7778	*******
0.80	-0.8275	-0.8207
0.90	-0.6167	*******
0.95	-0.2974	-0.3007

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3547	-0.4507	-0.1740	*******	*******
0.100	-0.3807	-0.4561	-0.1906	*******	*******
0.150	-0.3889	-0.4650	-0.2049	*******	*******
0.200	-0.3934	-0.4562	-0.2224	*******	-0.5728
0.250	*******	-0.4632	-0.2412	-0.5223	-0.5902
0.300	-0.3826	-0.4607	-0.2706	-0.5084	-0.6403
0.350	-0.4037	-0.4630	-0.3075	-0.5093	-0.6679
0.400	-0.4090	-0.4758	-0.3626	-0.5275	-0.7010
0.450	-0.4025	-0.5245	-0.4515	-0.6009	-0.7668
0.500	-0.4029	-0.6352	-0.6748	-0.7640	-0.8909
0.525	*******	-0.7594	-0.8206	-0.8802	-0.9900
0.550	-0.6752	-0.9579	-0.9829	-1.0127	-1.1018
0.575	*******	-1.1507	-1.1403	-1.1593	-1.2298
0.600	-1.3239	-1.3388	-1.3102	-1.2892	-0.9653
0.625	*******	*******	-1.4216	-1.4029	-0.8047
0.650	-1.5647	-1.5753	-1.2586	-1.2616	-0.7672
0.675	*******	-1.6123	-1.1540	-1.1446	-0.7180
0.700	-1.4878	-1.4411	-1.1407	-1.1348	-0.6897
0.725	*******	-1.4242	*******	-1.1527	-0.6694
0.750	-1.4595	-1.4312	*******	-1.1689	-0.6554
0.775	*******	-1.4439	-1.1594	-1.1564	-0.5966
0.800	-1.3865	-1.4428	-1.1802	-1.1317	*******
0.825	*******	-1.3900	-1.1609	-1.0927	-0.4940
0.850	-1.2880	-1.2974	-1.1077	-1.0656	-0.4509
0.875	*******	-1.2102	-1.0788	-1.0088	-0.4565
0.900	-1.2214	-1.1488	-1.0779	-0.9712	*******
0.925	*******	-1.1124	-1.0772	-0.9549	-0.4599
0.950	-1.2009	-1.0978	-1.0646	-0.9590	-0.3885
0.975	*******	-1.1323	-1.0421	-0.9601	-0.3635
1.000	-1.1882	-1.1195	-1.0182	-0.9570	-0.3439
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4311	0.3834	0.3938	*******	-0.5655
-0.400	0.4287	0.3927	0.3485	0.1591	-0.6256
-0.600	0.4435	0.3965	0.3447	0.1942	-0.6110
-0.700	*******	0.3995	0.3484	0.2091	-0.5709
-0.800	*******	*******	0.3479	0.2326	-0.4868
-0.850	*******	0.3939	0.3455	0.2367	-0.4580
-0.900	0.4169	0.3594	0.3280	0.2372	-0.4109
-0.950	0.3644	0.1375	0.2317	0.1869	-0.1270
-0.975	*******	0.0878	0.0856	0.0766	-0.0494
-1.000	-1.1948	-1.1036	-1.0256	-0.9565	-0.3491

Surface Pressures



Small Radius L.E.

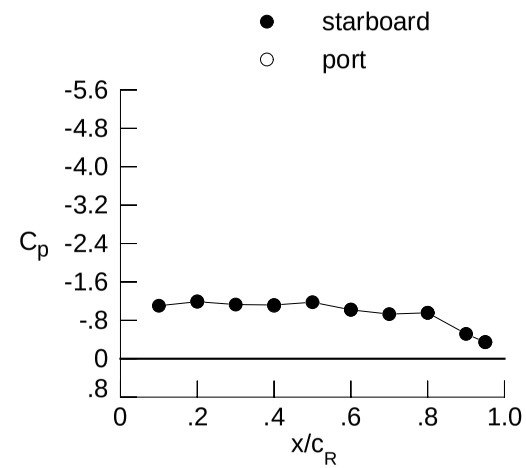
Run No. = 54 , Point No. = 1176

C_N = 0.914, C_m = -0.1548

α = 18.4 °, M_∞ = 0.847

R_{mac} = 35.8×10^6

Leading Edge Pressures

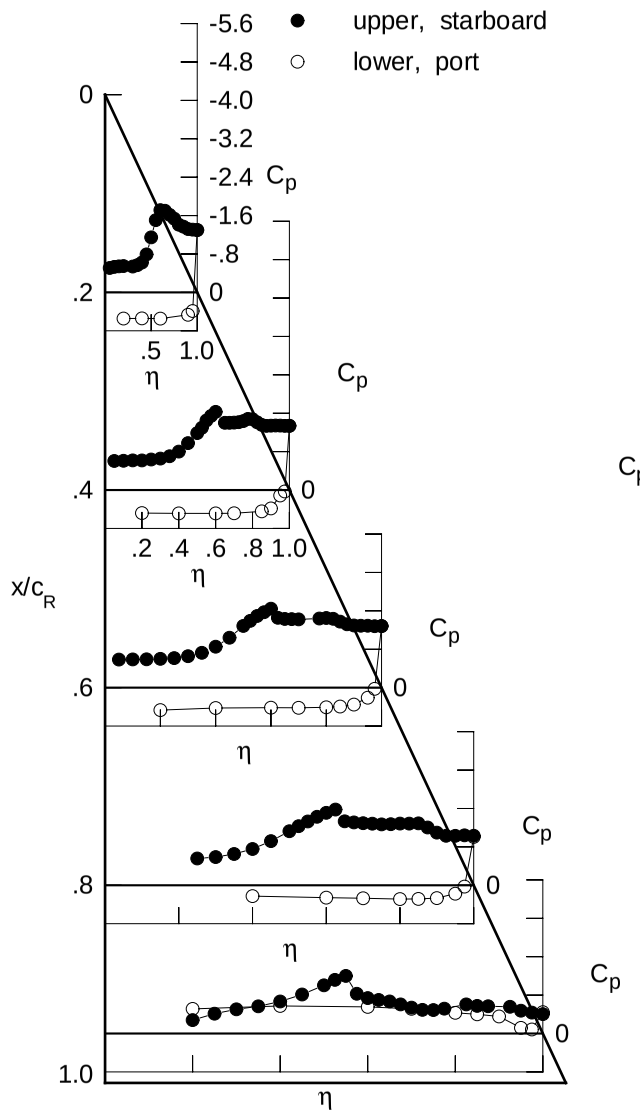


x/c_R	starb'd C_p	port C_p
0.10	-1.1039	*******
0.20	-1.1882	-1.1948
0.30	-1.1286	*******
0.40	-1.1195	-1.1036
0.50	-1.1773	*******
0.60	-1.0182	-1.0256
0.70	-0.9299	*******
0.80	-0.9570	-0.9565
0.90	-0.5175	*******
0.95	-0.3439	-0.3491

Table C4. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5085	-0.6055	-0.5849	*******	*******
0.100	-0.5312	-0.6098	-0.5876	*******	*******
0.150	-0.5421	-0.6174	-0.5901	*******	*******
0.200	-0.5491	-0.6172	-0.5998	*******	-0.2790
0.250	*******	-0.6357	-0.6149	-0.5582	-0.4130
0.300	-0.5385	-0.6551	-0.6550	-0.5880	-0.5040
0.350	-0.5669	-0.7037	-0.7255	-0.6520	-0.5662
0.400	-0.6223	-0.8009	-0.8526	-0.7563	-0.6671
0.450	-0.7916	-0.9777	-1.0401	-0.9199	-0.8124
0.500	-1.1465	-1.1868	-1.2853	-1.1265	-1.0043
0.525	*******	-1.2968	-1.3912	-1.2315	-1.1176
0.550	-1.5049	-1.4496	-1.4930	-1.3300	-1.2002
0.575	*******	-1.5437	-1.5708	-1.4275	-0.8278
0.600	-1.7134	-1.6289	-1.6450	-1.5100	-0.7384
0.625	*******	*******	-1.4555	-1.5776	-0.6992
0.650	-1.7004	-1.4007	-1.4314	-1.3329	-0.6680
0.675	*******	-1.4012	-1.4269	-1.3093	-0.6065
0.700	-1.6151	-1.4050	-1.4221	-1.2937	-0.5388
0.725	*******	-1.4133	*******	-1.2828	-0.4929
0.750	-1.5358	-1.4369	*******	-1.2685	-0.4886
0.775	*******	-1.4816	-1.4397	-1.2729	-0.5176
0.800	-1.4101	-1.4752	-1.4508	-1.2860	*******
0.825	*******	-1.4115	-1.4347	-1.2849	-0.6063
0.850	-1.3693	-1.3574	-1.3750	-1.2905	-0.5751
0.875	*******	-1.3371	-1.3196	-1.2036	-0.5682
0.900	-1.3196	-1.3410	-1.2953	-1.0970	*******
0.925	*******	-1.3437	-1.2893	-1.0311	-0.5568
0.950	-1.3072	-1.3425	-1.2893	-1.0301	-0.4748
0.975	*******	-1.3368	-1.2801	-1.0405	-0.4350
1.000	-1.2982	-1.3364	-1.2844	-1.0318	-0.4037
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5446	0.4802	0.4680	*******	-0.5124
-0.400	0.5417	0.4864	0.4244	0.2259	-0.5740
-0.600	0.5468	0.4867	0.4173	0.2578	-0.5547
-0.700	*******	0.4843	0.4198	0.2700	-0.5142
-0.800	*******	*******	0.4098	0.2874	-0.4312
-0.850	*******	0.4444	0.3939	0.2841	-0.4003
-0.900	0.4663	0.3833	0.3532	0.2669	-0.3550
-0.950	0.3882	0.1134	0.2096	0.1749	-0.1176
-0.975	*******	0.0293	0.0250	0.0272	-0.0843
-1.000	-1.2989	-1.3395	-1.2810	-1.0071	-0.4445

Surface Pressures



Small Radius L.E.

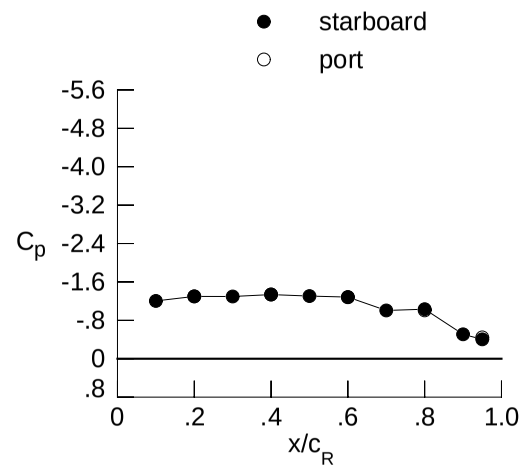
Run No. = 54 , Point No. = 1177

C_N = 1.138, C_m = -0.1956

α = 22.5 °, M_∞ = 0.851

R_{mac} = 35.8×10^6

Leading Edge Pressures

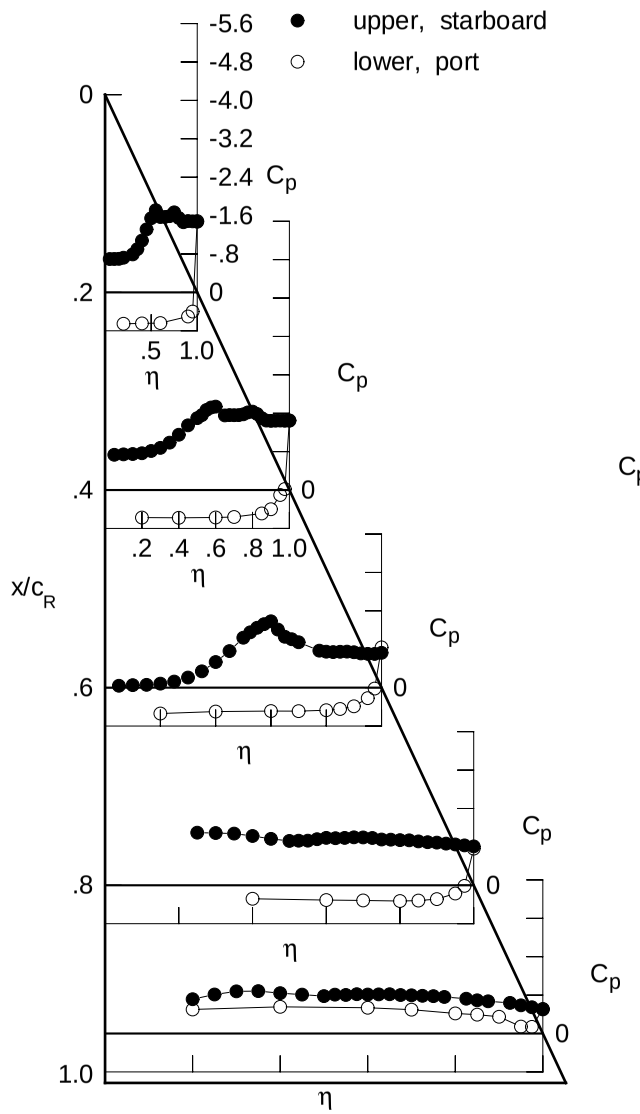


x/c_R	starb'd C_p	port C_p
0.10	-1.2043	*******
0.20	-1.2982	-1.2989
0.30	-1.2966	*******
0.40	-1.3364	-1.3395
0.50	-1.3055	*******
0.60	-1.2844	-1.2810
0.70	-1.0053	*******
0.80	-1.0318	-1.0071
0.90	-0.5084	*******
0.95	-0.4037	-0.4445

Table C4. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6956	-0.7341	-0.0394	*******	*******
0.100	-0.6962	-0.7431	-0.0522	*******	*******
0.150	-0.6993	-0.7507	-0.0581	*******	*******
0.200	-0.7228	-0.7663	-0.0828	*******	-0.7146
0.250	*******	-0.8134	-0.1263	-1.0959	-0.8130
0.300	-0.7912	-0.8783	-0.2107	-1.0889	-0.8781
0.350	-0.9010	-0.9871	-0.3403	-1.0770	-0.8835
0.400	-1.0789	-1.1519	-0.5339	-1.0274	-0.8409
0.450	-1.3125	-1.3478	-0.7615	-0.9674	-0.8101
0.500	-1.5446	-1.4977	-1.0396	-0.9241	-0.7789
0.525	*******	-1.5603	-1.1527	-0.9288	-0.8092
0.550	-1.7130	-1.6679	-1.2471	-0.9294	-0.8030
0.575	*******	-1.7194	-1.3225	-0.9599	-0.8188
0.600	-1.5705	-1.7373	-1.3821	-0.9879	-0.8118
0.625	*******	*******	-1.2099	-0.9811	-0.8150
0.650	-1.5713	-1.5546	-1.0599	-0.9871	-0.8183
0.675	*******	-1.5612	-1.0086	-0.9988	-0.8016
0.700	-1.5881	-1.5594	-0.9455	-0.9969	-0.7959
0.725	*******	-1.5609	*******	-0.9859	-0.7860
0.750	-1.6681	-1.5775	*******	-0.9535	-0.7787
0.775	*******	-1.6173	-0.7707	-0.9501	-0.7614
0.800	-1.5505	-1.6336	-0.7488	-0.9408	*******
0.825	*******	-1.5839	-0.7409	-0.9366	-0.7247
0.850	-1.4615	-1.4983	-0.7474	-0.9146	-0.6922
0.875	*******	-1.4474	-0.7505	-0.8976	-0.6711
0.900	-1.4868	-1.4411	-0.7376	-0.8887	*******
0.925	*******	-1.4447	-0.7129	-0.8682	-0.6379
0.950	-1.4803	-1.4472	-0.7044	-0.8501	-0.5872
0.975	*******	-1.4433	-0.7022	-0.8315	-0.5469
1.000	-1.4714	-1.4451	-0.7259	-0.8105	-0.5025
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6534	0.5738	0.5394	*******	-0.5012
-0.400	0.6466	0.5785	0.4986	0.2812	-0.5557
-0.600	0.6392	0.5721	0.4881	0.3079	-0.5369
-0.700	*******	0.5620	0.4896	0.3160	-0.4965
-0.800	*******	*******	0.4703	0.3281	-0.4180
-0.850	*******	0.4882	0.4450	0.3188	-0.3925
-0.900	0.5023	0.4004	0.3889	0.2878	-0.3492
-0.950	0.3991	0.1028	0.2193	0.1713	-0.1440
-0.975	*******	-0.0206	0.0189	0.0117	-0.1381
-1.000	-1.4854	-1.4504	-0.8385	-0.7641	-0.5118

Surface Pressures



Small Radius L.E.

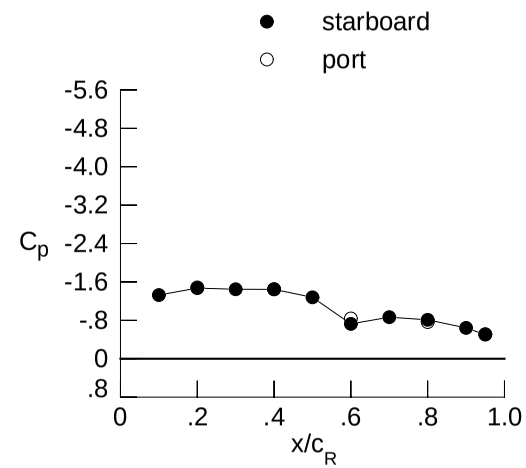
Run No. = 54 , Point No. = 1178

C_N = 1.191, C_m = -0.1938

α = 26.5 °, M_∞ = 0.851

R_{mac} = 35.7×10^6

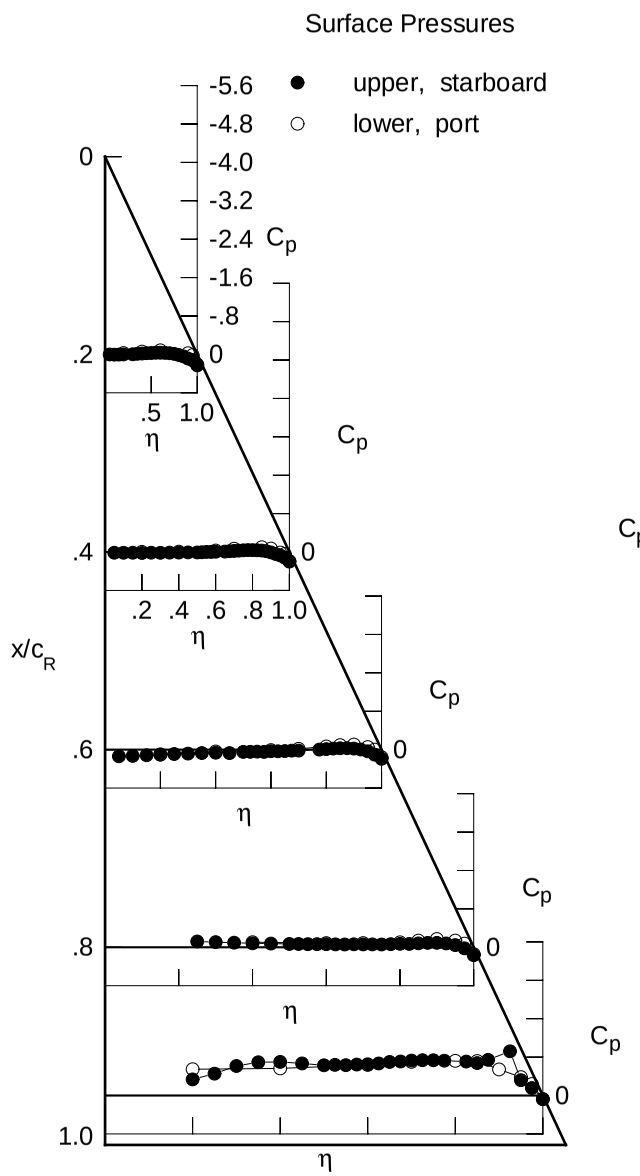
Leading Edge Pressures



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

Table C5. Tabulations and Plots of Surface Pressure Coefficients.

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



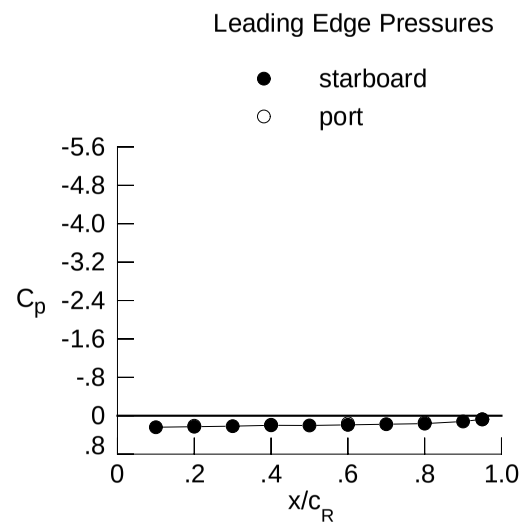
Small Radius L.E.

Run No. = 52 , Point No. = 1115

C_N = -0.028, C_m = 0.0021

α = -0.8 °, M_∞ = 0.850

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

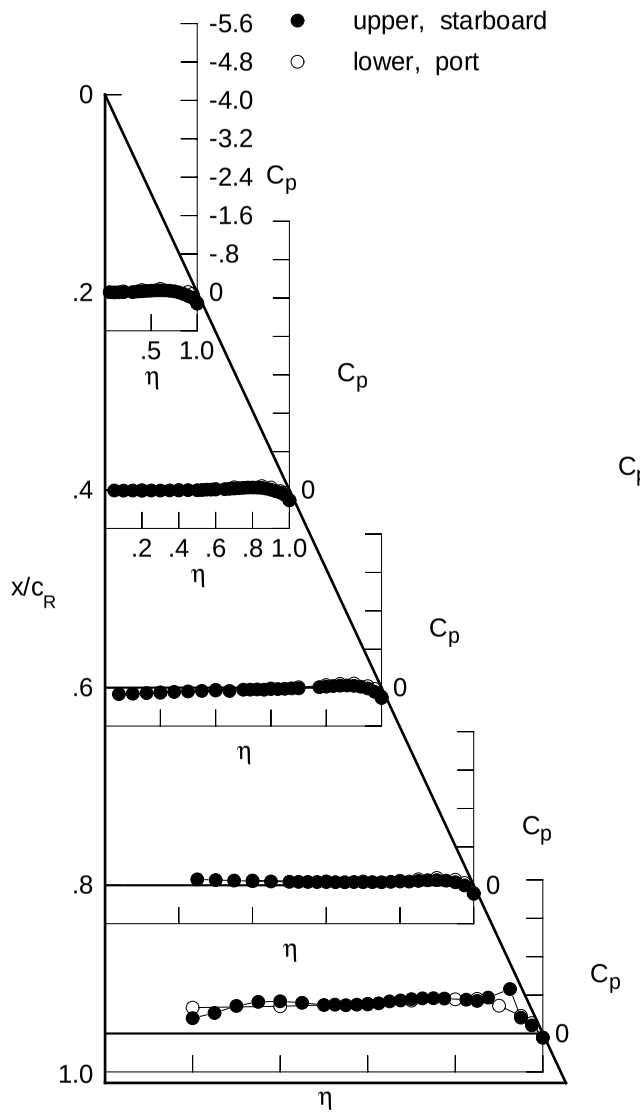


x/c_R	starb'd C_p	port C_p
0.10	0.2397	*******
0.20	0.2287	0.2091
0.30	0.2174	*******
0.40	0.1995	0.1888
0.50	0.2032	*******
0.60	0.1904	0.1574
0.70	0.1770	*******
0.80	0.1644	0.1414
0.90	0.1199	*******
0.95	0.0746	0.0769

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0042	0.0097	0.1352	*******	*******
0.100	0.0009	0.0117	0.1268	*******	*******
0.150	-0.0022	0.0106	0.1135	*******	*******
0.200	-0.0040	0.0148	0.1023	*******	-0.3190
0.250	*******	0.0099	0.0890	-0.1229	-0.4278
0.300	-0.0059	0.0109	0.0792	-0.1095	-0.5747
0.350	-0.0184	0.0070	0.0675	-0.0983	-0.6594
0.400	-0.0232	0.0079	0.0604	-0.0858	-0.6713
0.450	-0.0312	0.0023	0.0685	-0.0796	-0.6402
0.500	-0.0355	0.0047	0.0433	-0.0726	-0.5940
0.525	*******	-0.0010	0.0414	-0.0716	-0.6012
0.550	-0.0414	-0.0079	0.0373	-0.0693	-0.5899
0.575	*******	-0.0092	0.0431	-0.0683	-0.6011
0.600	-0.0420	-0.0115	0.0282	-0.0681	-0.6067
0.625	*******	*******	0.0295	-0.0651	-0.6277
0.650	-0.0408	-0.0175	0.0244	-0.0629	-0.6698
0.675	*******	-0.0258	0.0155	-0.0678	-0.6886
0.700	-0.0334	-0.0317	0.0133	-0.0650	-0.7155
0.725	*******	-0.0387	*******	-0.0656	-0.7316
0.750	-0.0223	-0.0458	*******	-0.0630	-0.7352
0.775	*******	-0.0517	-0.0096	-0.0719	-0.7280
0.800	0.0001	-0.0520	-0.0205	-0.0795	*******
0.825	*******	-0.0504	-0.0325	-0.0779	-0.7047
0.850	0.0320	-0.0444	-0.0414	-0.0910	-0.6790
0.875	*******	-0.0306	-0.0447	-0.1044	-0.7490
0.900	0.0753	-0.0074	-0.0384	-0.1073	*******
0.925	*******	0.0241	-0.0194	-0.0964	-0.9260
0.950	0.1142	0.0539	0.0168	-0.0643	-0.3302
0.975	*******	0.1004	0.0864	0.0021	-0.1698
1.000	0.2347	0.2143	0.2158	0.1773	0.0839
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0191	0.0029	0.1027	*******	-0.5389
-0.400	-0.0477	-0.0002	0.0457	-0.0996	-0.5677
-0.600	-0.0732	-0.0208	0.0179	-0.0809	-0.6188
-0.700	*******	-0.0568	-0.0080	-0.0788	-0.6859
-0.800	*******	*******	-0.0536	-0.0942	-0.7122
-0.850	*******	-0.0819	-0.0786	-0.1249	-0.7219
-0.900	-0.0081	-0.0521	-0.0855	-0.1529	-0.5795
-0.950	0.0304	0.0215	-0.0302	-0.1151	-0.3684
-0.975	*******	0.0621	0.0260	-0.0481	-0.2185
-1.000	0.2204	0.2080	0.1912	0.1641	0.0881

Surface Pressures



Small Radius L.E.

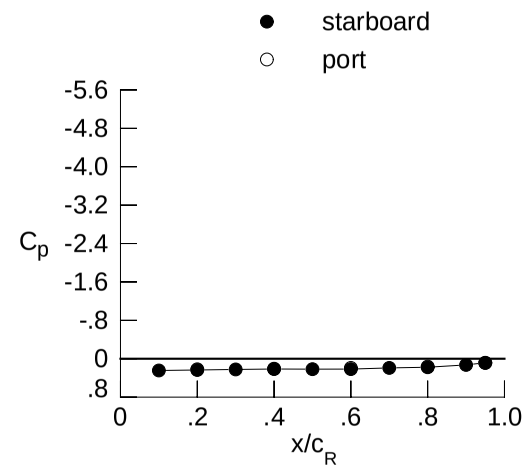
Run No. = 52 , Point No. = 1116

C_N = -0.014, C_m = -0.0002

α = -0.5 °, M_∞ = 0.849

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

Leading Edge Pressures

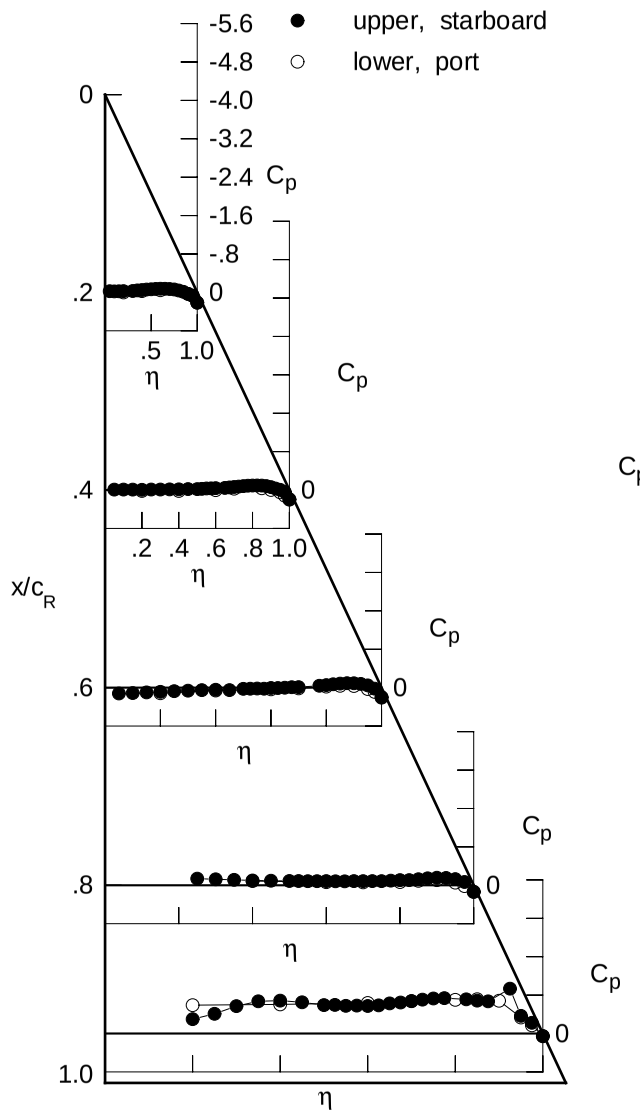


x/c_R	starb'd C_p	port C_p
0.10	0.2451	*******
0.20	0.2347	0.2204
0.30	0.2233	*******
0.40	0.2143	0.2080
0.50	0.2173	*******
0.60	0.2158	0.1912
0.70	0.1913	*******
0.80	0.1773	0.1641
0.90	0.1286	*******
0.95	0.0839	0.0881

Table C5. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0252	-0.0090	0.1213	*******	*******
0.100	-0.0211	-0.0093	0.1129	*******	*******
0.150	-0.0235	-0.0089	0.0990	*******	*******
0.200	-0.0263	-0.0049	0.0871	*******	-0.2989
0.250	*******	-0.0106	0.0736	-0.1387	-0.4101
0.300	-0.0287	-0.0102	0.0631	-0.1246	-0.5704
0.350	-0.0420	-0.0135	0.0518	-0.1139	-0.6711
0.400	-0.0487	-0.0143	0.0442	-0.1003	-0.6850
0.450	-0.0591	-0.0198	0.0510	-0.0954	-0.6503
0.500	-0.0649	-0.0190	0.0249	-0.0894	-0.5921
0.525	*******	-0.0247	0.0223	-0.0886	-0.5958
0.550	-0.0722	-0.0331	0.0181	-0.0858	-0.5771
0.575	*******	-0.0350	0.0223	-0.0857	-0.5812
0.600	-0.0759	-0.0389	0.0072	-0.0870	-0.5735
0.625	*******	*******	0.0082	-0.0831	-0.5868
0.650	-0.0756	-0.0437	0.0014	-0.0824	-0.6273
0.675	*******	-0.0545	-0.0084	-0.0868	-0.6460
0.700	-0.0703	-0.0632	-0.0108	-0.0866	-0.6763
0.725	*******	-0.0720	*******	-0.0873	-0.7056
0.750	-0.0606	-0.0818	*******	-0.0867	-0.7293
0.775	*******	-0.0902	-0.0391	-0.0967	-0.7367
0.800	-0.0394	-0.0936	-0.0530	-0.1079	*******
0.825	*******	-0.0954	-0.0702	-0.1077	-0.7117
0.850	-0.0117	-0.0929	-0.0840	-0.1266	-0.6845
0.875	*******	-0.0823	-0.0930	-0.1457	-0.6702
0.900	0.0307	-0.0611	-0.0916	-0.1573	*******
0.925	*******	-0.0315	-0.0778	-0.1532	-0.9346
0.950	0.0677	-0.0047	-0.0472	-0.1285	-0.3677
0.975	*******	0.0405	0.0207	-0.0686	-0.2236
1.000	0.2145	0.1928	0.2089	0.1332	0.0574
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0004	0.0195	0.1172	*******	-0.5907
-0.400	-0.0264	0.0193	0.0599	-0.0883	-0.6065
-0.600	-0.0445	0.0023	0.0354	-0.0650	-0.6360
-0.700	*******	-0.0282	0.0150	-0.0611	-0.6724
-0.800	*******	*******	-0.0218	-0.0670	-0.7017
-0.850	*******	-0.0368	-0.0385	-0.0931	-0.7147
-0.900	0.0311	-0.0017	-0.0347	-0.1070	-0.6823
-0.950	0.0707	0.0470	0.0290	-0.0553	-0.3340
-0.975	*******	0.1183	0.0888	0.0170	-0.1703
-1.000	0.2129	0.2000	0.1963	0.1396	0.0517

Surface Pressures



Small Radius L.E.

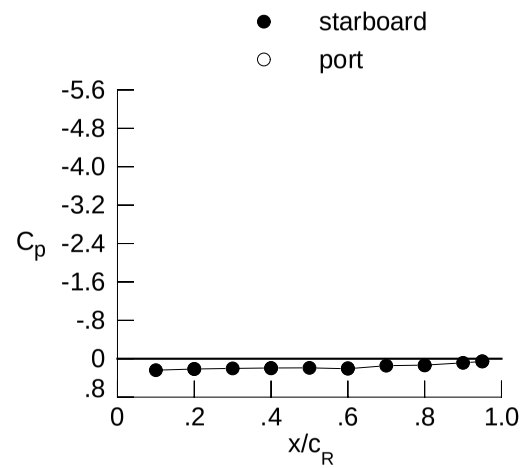
Run No. = 52 , Point No. = 1117

C_N = 0.028, C_m = -0.0079

α = 0.6 °, M_∞ = 0.850

R_{mac} = 60.2×10^6

Leading Edge Pressures

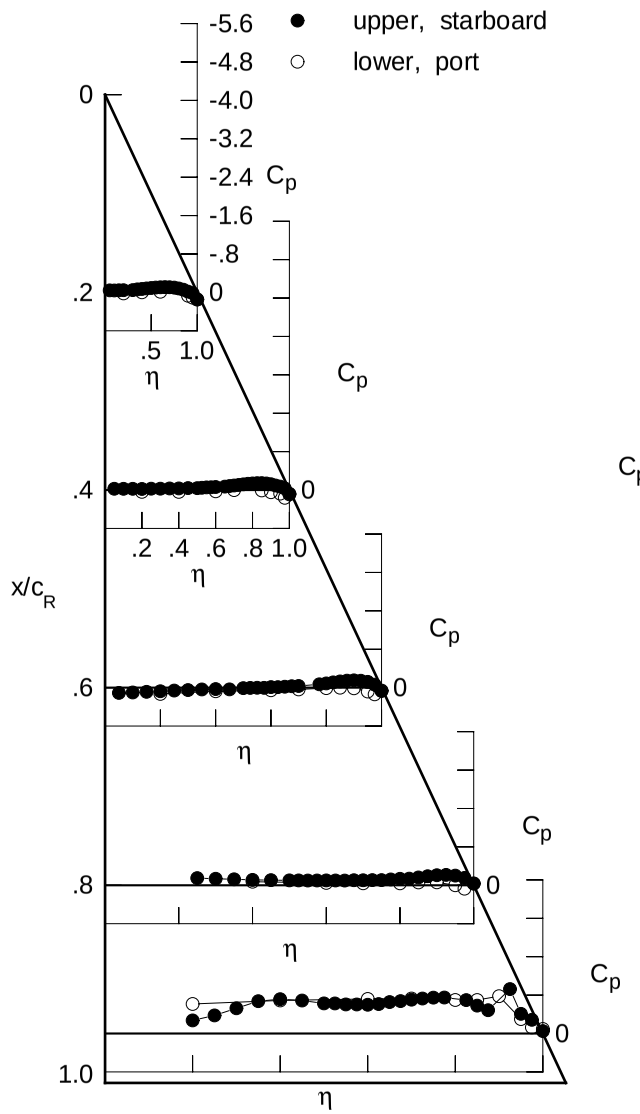


x/c_R	starb'd C_p	port C_p
0.10	0.2385	*******
0.20	0.2145	0.2129
0.30	0.2017	*******
0.40	0.1928	0.2000
0.50	0.1900	*******
0.60	0.2089	0.1963
0.70	0.1449	*******
0.80	0.1332	0.1396
0.90	0.0854	*******
0.95	0.0574	0.0517

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0425	-0.0265	0.1096	*******	*******
0.100	-0.0397	-0.0259	0.1007	*******	*******
0.150	-0.0440	-0.0259	0.0871	*******	*******
0.200	-0.0453	-0.0226	0.0755	*******	-0.2728
0.250	*******	-0.0278	0.0611	-0.1496	-0.3765
0.300	-0.0472	-0.0281	0.0507	-0.1358	-0.5257
0.350	-0.0630	-0.0328	0.0378	-0.1249	-0.6734
0.400	-0.0715	-0.0337	0.0298	-0.1132	-0.7151
0.450	-0.0828	-0.0405	0.0363	-0.1068	-0.6870
0.500	-0.0909	-0.0395	0.0101	-0.1026	-0.6276
0.525	*******	-0.0468	0.0059	-0.1015	-0.6262
0.550	-0.1007	-0.0553	0.0022	-0.0991	-0.6057
0.575	*******	-0.0577	0.0044	-0.1002	-0.6047
0.600	-0.1065	-0.0628	-0.0110	-0.1016	-0.5988
0.625	*******	*******	-0.0105	-0.0996	-0.6138
0.650	-0.1095	-0.0716	-0.0193	-0.0985	-0.6553
0.675	*******	-0.0829	-0.0293	-0.1056	-0.6748
0.700	-0.1071	-0.0943	-0.0341	-0.1047	-0.7045
0.725	*******	-0.1054	*******	-0.1079	-0.7291
0.750	-0.1002	-0.1186	*******	-0.1083	-0.7474
0.775	*******	-0.1303	-0.0694	-0.1216	-0.7493
0.800	-0.0816	-0.1377	-0.0878	-0.1351	*******
0.825	*******	-0.1431	-0.1100	-0.1384	-0.6961
0.850	-0.0561	-0.1438	-0.1297	-0.1630	-0.5808
0.875	*******	-0.1370	-0.1452	-0.1890	-0.4853
0.900	-0.0162	-0.1207	-0.1517	-0.2093	*******
0.925	*******	-0.0945	-0.1439	-0.2167	-0.9260
0.950	0.0156	-0.0720	-0.1207	-0.2012	-0.4094
0.975	*******	-0.0340	-0.0627	-0.1532	-0.2858
1.000	0.1470	0.0777	0.0693	-0.0377	-0.0502
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0208	0.0380	0.1302	*******	-0.6153
-0.400	-0.0018	0.0382	0.0751	-0.0744	-0.6888
-0.600	-0.0139	0.0265	0.0545	-0.0493	-0.7198
-0.700	*******	0.0019	0.0371	-0.0419	-0.7289
-0.800	*******	*******	0.0101	-0.0410	-0.6984
-0.850	*******	0.0078	0.0006	-0.0604	-0.6974
-0.900	0.0695	0.0458	0.0134	-0.0618	-0.7777
-0.950	0.1093	0.0744	0.0805	-0.0009	-0.3009
-0.975	*******	0.1617	0.1396	0.0705	-0.1270
-1.000	0.1472	0.0906	0.0608	-0.0354	-0.0942

Surface Pressures



Small Radius L.E.

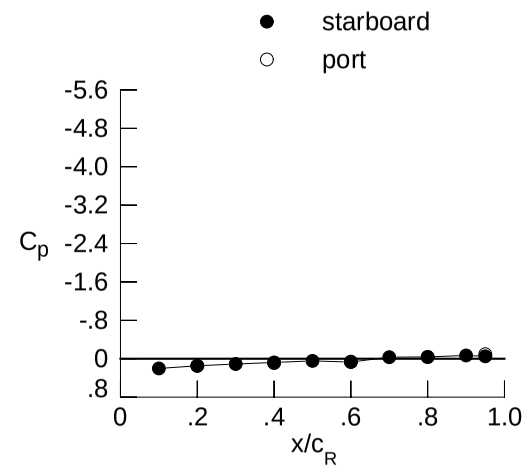
Run No. = 52 , Point No. = 1118

C_N = 0.071, C_m = -0.0150

α = 1.7 °, M_∞ = 0.850

R_{mac} = 60.2×10^6

Leading Edge Pressures

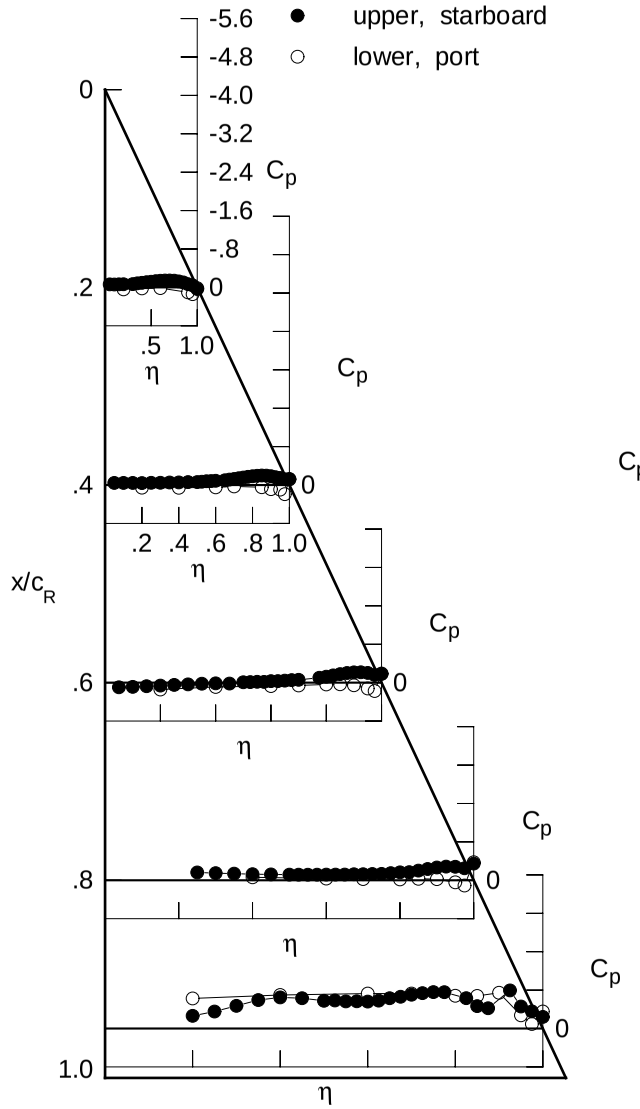


x/c_R	starb'd C_p	port C_p
0.10	0.2027	*******
0.20	0.1470	0.1472
0.30	0.1101	*******
0.40	0.0777	0.0906
0.50	0.0452	*******
0.60	0.0693	0.0608
0.70	-0.0324	*******
0.80	-0.0377	-0.0354
0.90	-0.0684	*******
0.95	-0.0502	-0.0942

Table C5. Continued.

η	x/c_R .2 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	-0.0630	-0.0439	0.0964	*******	*******
0.100	-0.0596	-0.0438	0.0876	*******	*******
0.150	-0.0637	-0.0438	0.0744	*******	*******
0.200	-0.0657	-0.0407	0.0613	*******	-0.2636
0.250	*******	-0.0466	0.0475	-0.1634	-0.3539
0.300	-0.0680	-0.0470	0.0358	-0.1488	-0.4723
0.350	-0.0850	-0.0526	0.0228	-0.1383	-0.5931
0.400	-0.0951	-0.0544	0.0142	-0.1271	-0.6476
0.450	-0.1081	-0.0620	0.0190	-0.1221	-0.6314
0.500	-0.1178	-0.0619	-0.0083	-0.1175	-0.5779
0.525	*******	-0.0690	-0.0115	-0.1168	-0.5840
0.550	-0.1299	-0.0792	-0.0173	-0.1163	-0.5645
0.575	*******	-0.0827	-0.0149	-0.1170	-0.5674
0.600	-0.1382	-0.0889	-0.0315	-0.1187	-0.5610
0.625	*******	*******	-0.0322	-0.1181	-0.5811
0.650	-0.1434	-0.0994	-0.0418	-0.1190	-0.6314
0.675	*******	-0.1133	-0.0530	-0.1254	-0.6620
0.700	-0.1443	-0.1259	-0.0590	-0.1266	-0.7038
0.725	*******	-0.1414	*******	-0.1311	-0.7367
0.750	-0.1397	-0.1561	*******	-0.1334	-0.7582
0.775	*******	-0.1715	-0.1014	-0.1489	-0.7565
0.800	-0.1249	-0.1831	-0.1238	-0.1657	*******
0.825	*******	-0.1928	-0.1512	-0.1699	-0.6316
0.850	-0.1033	-0.1988	-0.1776	-0.2020	-0.4662
0.875	*******	-0.1957	-0.2007	-0.2355	-0.4226
0.900	-0.0671	-0.1838	-0.2145	-0.2662	*******
0.925	*******	-0.1635	-0.2163	-0.2849	-0.7940
0.950	-0.0423	-0.1475	-0.2025	-0.2819	-0.4586
0.975	*******	-0.1211	-0.1589	-0.2502	-0.3569
1.000	0.0334	-0.1267	-0.1815	-0.3480	-0.2419
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0407	0.0546	0.1428	*******	-0.6267
-0.400	0.0205	0.0564	0.0892	-0.0626	-0.6980
-0.600	0.0146	0.0483	0.0716	-0.0356	-0.7280
-0.700	*******	0.0286	0.0582	-0.0256	-0.7282
-0.800	*******	*******	0.0376	-0.0188	-0.6825
-0.850	*******	0.0459	0.0336	-0.0315	-0.6781
-0.900	0.1033	0.0855	0.0543	-0.0243	-0.7447
-0.950	0.1410	0.0953	0.1215	0.0427	-0.2751
-0.975	*******	0.1908	0.1741	0.1088	-0.0947
-1.000	0.0156	-0.1166	-0.1892	-0.3762	-0.3547

Surface Pressures



Small Radius L.E.

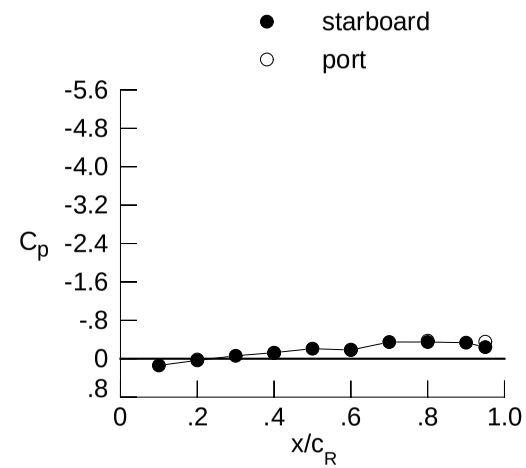
Run No. = 52 , Point No. = 1119

C_N = 0.113, C_m = -0.0224

α = 2.8 °, M_∞ = 0.849

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

Leading Edge Pressures

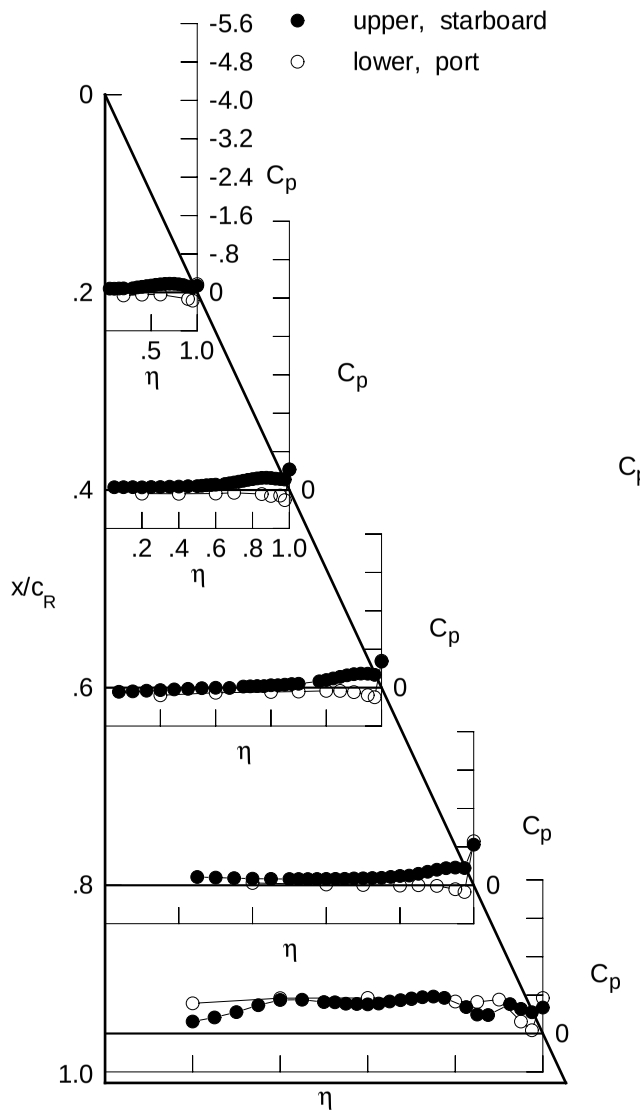


x/c_R	starb'd Cp	port Cp
0.10	0.1399	*******
0.20	0.0334	0.0156
0.30	-0.0615	*******
0.40	-0.1267	-0.1166
0.50	-0.2097	*******
0.60	-0.1815	-0.1892
0.70	-0.3484	*******
0.80	-0.3480	-0.3762
0.90	-0.3340	*******
0.95	-0.2419	-0.3547

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0786	-0.0585	0.0867	*******	*******
0.100	-0.0759	-0.0590	0.0778	*******	*******
0.150	-0.0807	-0.0603	0.0642	*******	*******
0.200	-0.0832	-0.0558	0.0514	*******	-0.2496
0.250	*******	-0.0627	0.0365	-0.1729	-0.3347
0.300	-0.0850	-0.0627	0.0250	-0.1598	-0.4454
0.350	-0.1039	-0.0696	0.0111	-0.1491	-0.5897
0.400	-0.1156	-0.0716	0.0021	-0.1378	-0.6980
0.450	-0.1303	-0.0800	0.0065	-0.1331	-0.7040
0.500	-0.1426	-0.0811	-0.0225	-0.1303	-0.6555
0.525	*******	-0.0885	-0.0273	-0.1301	-0.6504
0.550	-0.1574	-0.1003	-0.0328	-0.1293	-0.6210
0.575	*******	-0.1048	-0.0317	-0.1309	-0.6151
0.600	-0.1682	-0.1118	-0.0492	-0.1327	-0.6073
0.625	*******	*******	-0.0502	-0.1333	-0.6242
0.650	-0.1770	-0.1248	-0.0614	-0.1340	-0.6673
0.675	*******	-0.1410	-0.0740	-0.1427	-0.6941
0.700	-0.1804	-0.1564	-0.0811	-0.1447	-0.7306
0.725	*******	-0.1743	*******	-0.1513	-0.7557
0.750	-0.1795	-0.1930	*******	-0.1551	-0.7699
0.775	*******	-0.2122	-0.1318	-0.1740	-0.7423
0.800	-0.1690	-0.2276	-0.1581	-0.1941	*******
0.825	*******	-0.2427	-0.1910	-0.2018	-0.5501
0.850	-0.1517	-0.2539	-0.2247	-0.2389	-0.3940
0.875	*******	-0.2560	-0.2567	-0.2817	-0.3849
0.900	-0.1209	-0.2502	-0.2804	-0.3240	*******
0.925	*******	-0.2367	-0.2922	-0.3557	-0.6119
0.950	-0.1060	-0.2295	-0.2907	-0.3688	-0.5131
0.975	*******	-0.2194	-0.2667	-0.3593	-0.4430
1.000	-0.1383	-0.4240	-0.5428	-0.8462	-0.5405
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0636	0.0742	0.1589	*******	-0.6288
-0.400	0.0461	0.0778	0.1062	-0.0482	-0.7362
-0.600	0.0441	0.0731	0.0908	-0.0172	-0.7405
-0.700	*******	0.0574	0.0815	-0.0067	-0.7174
-0.800	*******	*******	0.0671	0.0061	-0.6661
-0.850	*******	0.0837	0.0679	-0.0018	-0.6568
-0.900	0.1364	0.1232	0.0934	0.0128	-0.7063
-0.950	0.1719	0.1151	0.1568	0.0814	-0.2498
-0.975	*******	0.2108	0.1997	0.1389	-0.0679
-1.000	-0.1719	-0.4302	-0.5597	-0.9173	-0.7389

Surface Pressures



Small Radius L.E.

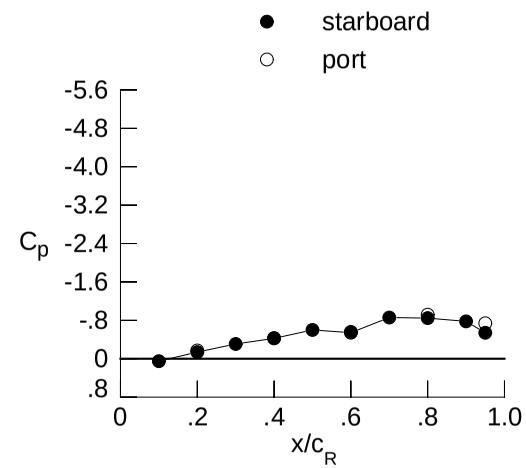
Run No. = 52 , Point No. = 1120

C_N = 0.153, C_m = -0.0286

α = 3.8 °, M_∞ = 0.849

R_{mac} = 60.2×10^6

Leading Edge Pressures

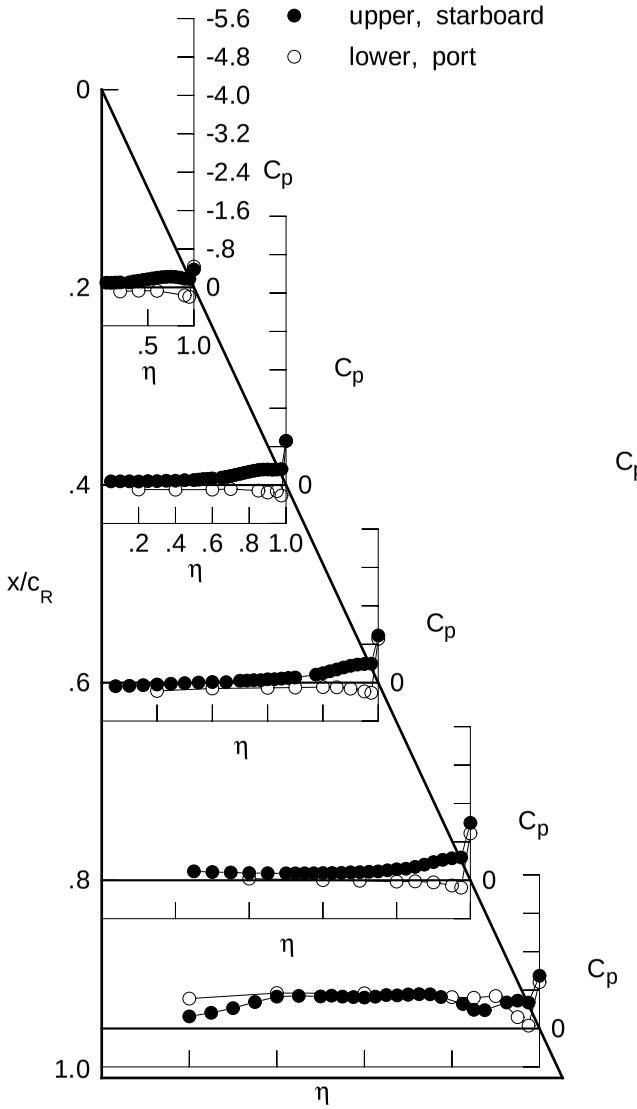


x/c_R	starb'd C_p	port C_p
0.10	0.0510	*******
0.20	-0.1383	-0.1719
0.30	-0.3070	*******
0.40	-0.4240	-0.4302
0.50	-0.5998	*******
0.60	-0.5428	-0.5597
0.70	-0.8586	*******
0.80	-0.8462	-0.9173
0.90	-0.7782	*******
0.95	-0.5405	-0.7389

Table C5. 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	-0.0977	-0.0759	0.0746	*******	*******
0.100	-0.0951	-0.0771	0.0663	*******	*******
0.150	-0.0999	-0.0779	0.0525	*******	*******
0.200	-0.1030	-0.0741	0.0387	*******	-0.2517
0.250	*******	-0.0816	0.0234	-0.1865	-0.3272
0.300	-0.1053	-0.0817	0.0109	-0.1719	-0.4240
0.350	-0.1253	-0.0896	-0.0023	-0.1624	-0.5510
0.400	-0.1384	-0.0907	-0.0132	-0.1516	-0.6643
0.450	-0.1549	-0.1018	-0.0087	-0.1472	-0.6792
0.500	-0.1690	-0.1029	-0.0396	-0.1445	-0.6682
0.525	*******	-0.1124	-0.0443	-0.1443	-0.6842
0.550	-0.1858	-0.1237	-0.0512	-0.1453	-0.6644
0.575	*******	-0.1299	-0.0510	-0.1458	-0.6556
0.600	-0.2006	-0.1375	-0.0695	-0.1507	-0.6449
0.625	*******	*******	-0.0709	-0.1513	-0.6635
0.650	-0.2120	-0.1538	-0.0843	-0.1534	-0.6971
0.675	*******	-0.1723	-0.0975	-0.1653	-0.6905
0.700	-0.2200	-0.1899	-0.1070	-0.1691	-0.7053
0.725	*******	-0.2109	*******	-0.1779	-0.7155
0.750	-0.2236	-0.2326	*******	-0.1846	-0.7130
0.775	*******	-0.2559	-0.1665	-0.2079	-0.6557
0.800	-0.2168	-0.2770	-0.1970	-0.2289	*******
0.825	*******	-0.2965	-0.2364	-0.2409	-0.5094
0.850	-0.2035	-0.3136	-0.2743	-0.2788	-0.3894
0.875	*******	-0.3222	-0.3159	-0.3255	-0.3820
0.900	-0.1799	-0.3242	-0.3512	-0.3795	*******
0.925	*******	-0.3187	-0.3757	-0.4265	-0.5425
0.950	-0.1779	-0.3217	-0.3885	-0.4585	-0.5810
0.975	*******	-0.3323	-0.3952	-0.4758	-0.5404
1.000	-0.3720	-0.9199	-0.9821	-1.1960	-1.0983
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0845	0.0930	0.1726	*******	-0.6230
-0.400	0.0690	0.0967	0.1219	-0.0344	-0.7384
-0.600	0.0723	0.0955	0.1087	-0.0032	-0.7333
-0.700	*******	0.0837	0.1025	0.0097	-0.7078
-0.800	*******	*******	0.0927	0.0275	-0.6526
-0.850	*******	0.1170	0.0975	0.0228	-0.6405
-0.900	0.1653	0.1550	0.1258	0.0430	-0.6769
-0.950	0.1972	0.1284	0.1830	0.1091	-0.2370
-0.975	*******	0.2184	0.2116	0.1538	-0.0600
-1.000	-0.4335	-0.9183	-0.9112	-0.9765	-0.9670

Surface Pressures



Small Radius L.E.

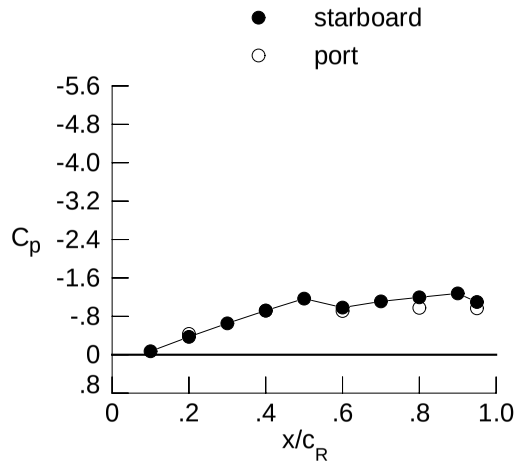
Run No. = 52 , Point No. = 1121

C_N = 0.195, C_m = -0.0355

α = 4.8 °, M_∞ = 0.850

R_{mac} = 60.3×10^6

Leading Edge Pressures

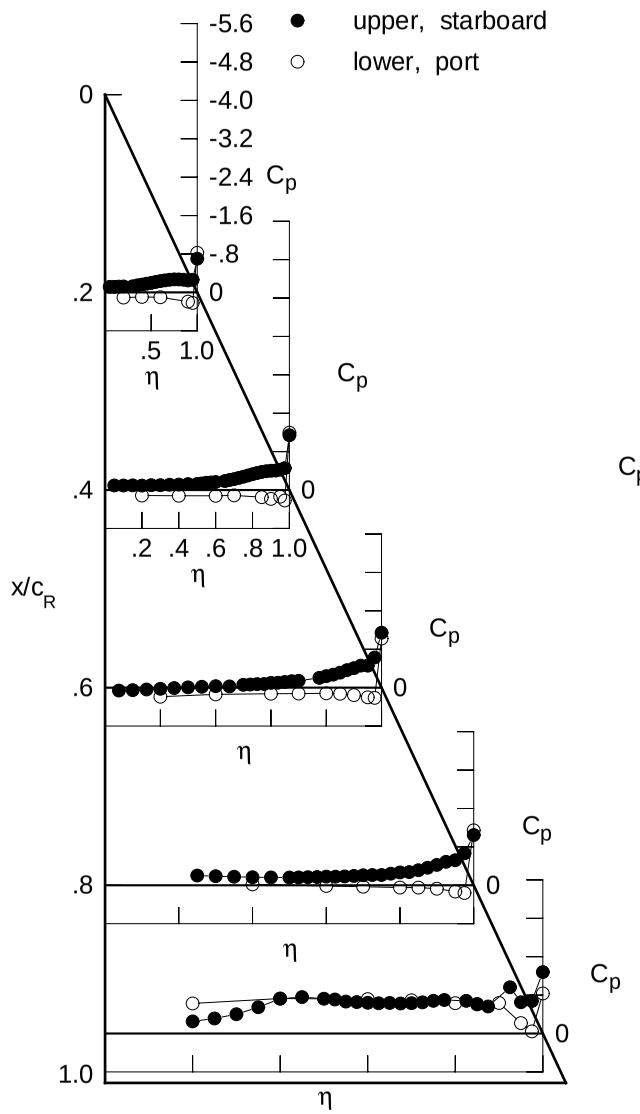


x/c_R	starb'd Cp	port Cp
0.10	-0.0719	*******
0.20	-0.3720	-0.4335
0.30	-0.6537	*******
0.40	-0.9199	-0.9183
0.50	-1.1689	*******
0.60	-0.9821	-0.9112
0.70	-1.1110	*******
0.80	-1.1960	-0.9765
0.90	-1.2777	*******
0.95	-1.0983	-0.9670

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1159	-0.0950	0.0610	*******	*******
0.100	-0.1140	-0.0948	0.0517	*******	*******
0.150	-0.1208	-0.0978	0.0383	*******	*******
0.200	-0.1231	-0.0929	0.0237	*******	-0.2523
0.250	*******	-0.1015	0.0087	-0.2029	-0.3140
0.300	-0.1261	-0.1020	-0.0057	-0.1892	-0.4013
0.350	-0.1476	-0.1103	-0.0182	-0.1788	-0.5471
0.400	-0.1625	-0.1138	-0.0303	-0.1676	-0.7254
0.450	-0.1809	-0.1241	-0.0256	-0.1638	-0.7589
0.500	-0.1976	-0.1283	-0.0592	-0.1625	-0.7250
0.525	*******	-0.1369	-0.0645	-0.1641	-0.7085
0.550	-0.2174	-0.1521	-0.0737	-0.1685	-0.6653
0.575	*******	-0.1572	-0.0763	-0.1718	-0.6555
0.600	-0.2350	-0.1676	-0.0991	-0.1810	-0.6411
0.625	*******	*******	-0.1023	-0.1794	-0.6292
0.650	-0.2508	-0.1871	-0.1176	-0.1839	-0.6371
0.675	*******	-0.2090	-0.1342	-0.1954	-0.6260
0.700	-0.2630	-0.2275	-0.1423	-0.2084	-0.6323
0.725	*******	-0.2520	*******	-0.2133	-0.6497
0.750	-0.2710	-0.2772	*******	-0.2143	-0.6805
0.775	*******	-0.3032	-0.2038	-0.2412	-0.6981
0.800	-0.2697	-0.3299	-0.2393	-0.2683	*******
0.825	*******	-0.3547	-0.2708	-0.2752	-0.6811
0.850	-0.2637	-0.3765	-0.3119	-0.3133	-0.6067
0.875	*******	-0.3922	-0.3650	-0.3655	-0.5631
0.900	-0.2486	-0.4017	-0.4052	-0.4251	*******
0.925	*******	-0.4059	-0.4583	-0.4891	-0.9632
0.950	-0.2630	-0.4231	-0.4578	-0.5222	-0.6512
0.975	*******	-0.4563	-0.6277	-0.6660	-0.6769
1.000	-0.7015	-1.1413	-1.1443	-1.0472	-1.2797
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1083	0.1142	0.1889	*******	-0.6264
-0.400	0.0945	0.1191	0.1398	-0.0195	-0.7287
-0.600	0.1013	0.1202	0.1273	0.0143	-0.7167
-0.700	*******	0.1109	0.1235	0.0296	-0.6921
-0.800	*******	*******	0.1185	0.0474	-0.6316
-0.850	*******	0.1499	0.1272	0.0478	-0.6154
-0.900	0.1926	0.1850	0.1553	0.0709	-0.6359
-0.950	0.2202	0.1381	0.2017	0.1307	-0.2168
-0.975	*******	0.2177	0.2125	0.1599	-0.0445
-1.000	-0.8237	-1.1952	-1.0222	-1.1448	-0.8342

Surface Pressures



Small Radius L.E.

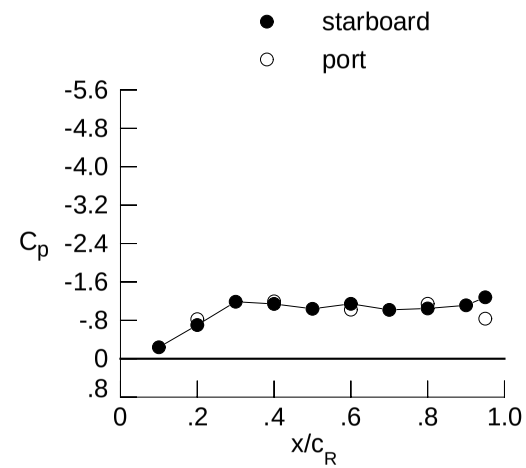
Run No. = 52 , Point No. = 1122

C_N = 0.247, C_m = -0.0464

α = 5.9 °, M_∞ = 0.850

R_{mac} = 60.3×10^6

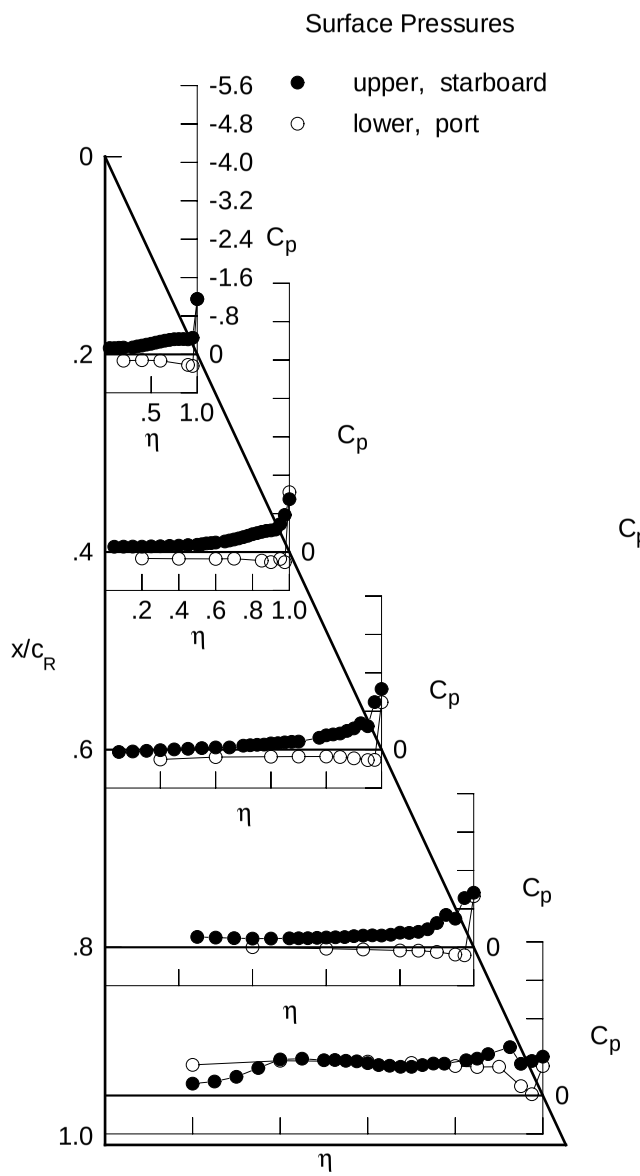
Leading Edge Pressures



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

Table C5. Continued.

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



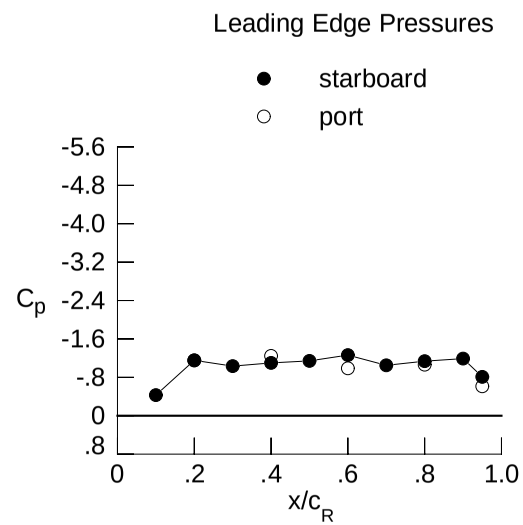
Small Radius L.E.

Run No. = 52 , Point No. = 1123

C_N = 0.296, C_m = -0.0562

α = 6.9 °, M_∞ = 0.849

R_{mac} = 60.2×10^6

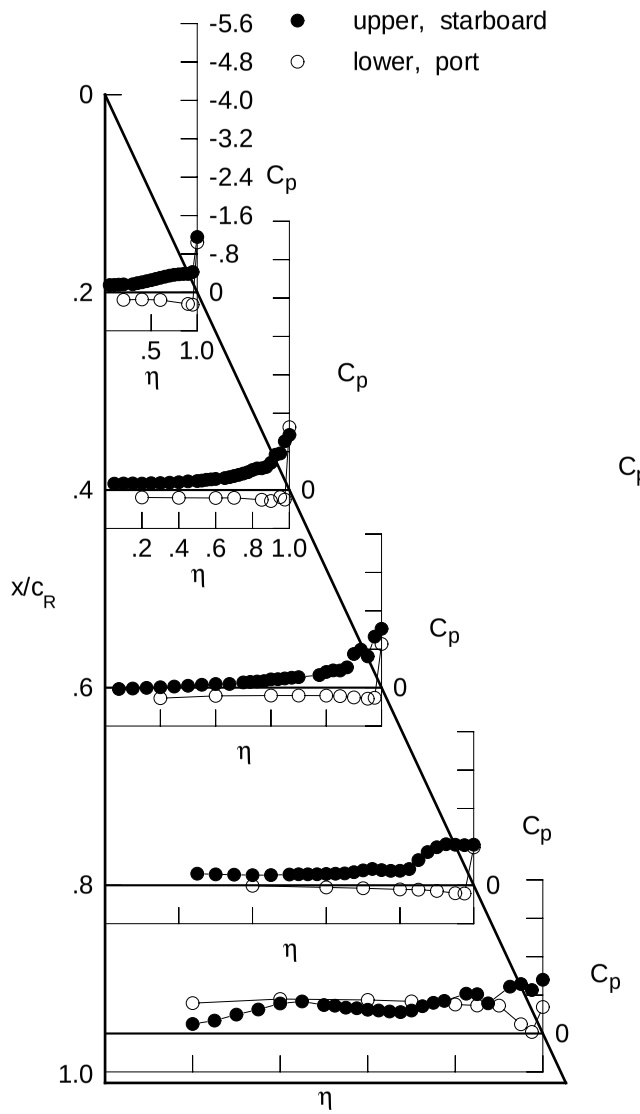


x/c_R	starb'd C_p	port C_p
0.10	-0.4296	*******
0.20	-1.1542	-1.1516
0.30	-1.0333	*******
0.40	-1.1004	-1.2462
0.50	-1.1426	*******
0.60	-1.2634	-0.9883
0.70	-1.0501	*******
0.80	-1.1367	-1.0640
0.90	-1.1901	*******
0.95	-0.8098	-0.6133

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1525	-0.1329	0.0283	*******	*******
0.100	-0.1541	-0.1362	0.0187	*******	*******
0.150	-0.1607	-0.1373	0.0052	*******	*******
0.200	-0.1661	-0.1342	-0.0082	*******	-0.1984
0.250	*******	-0.1424	-0.0223	-0.2419	-0.2691
0.300	-0.1689	-0.1445	-0.0390	-0.2274	-0.3939
0.350	-0.1918	-0.1527	-0.0600	-0.2206	-0.5001
0.400	-0.2102	-0.1623	-0.0756	-0.2106	-0.6253
0.450	-0.2331	-0.1811	-0.0768	-0.2117	-0.6681
0.500	-0.2542	-0.1874	-0.1084	-0.2240	-0.5927
0.525	*******	-0.1969	-0.1193	-0.2293	-0.5792
0.550	-0.2792	-0.2135	-0.1284	-0.2288	-0.5387
0.575	*******	-0.2213	-0.1360	-0.2299	-0.5261
0.600	-0.3038	-0.2309	-0.1716	-0.2362	-0.4952
0.625	*******	*******	-0.1763	-0.2411	-0.4791
0.650	-0.3272	-0.2486	-0.1916	-0.2469	-0.4588
0.675	*******	-0.2684	-0.2067	-0.2726	-0.4459
0.700	-0.3488	-0.2921	-0.2185	-0.3108	-0.4786
0.725	*******	-0.3156	*******	-0.3400	-0.5692
0.750	-0.3667	-0.3429	*******	-0.3162	-0.6390
0.775	*******	-0.3722	-0.2614	-0.3012	-0.6791
0.800	-0.3764	-0.4173	-0.3265	-0.3025	*******
0.825	*******	-0.4503	-0.3595	-0.3387	-0.8298
0.850	-0.3839	-0.4525	-0.3568	-0.5245	-0.8190
0.875	*******	-0.4807	-0.4224	-0.6918	-0.6291
0.900	-0.3839	-0.5692	-0.7007	-0.7931	*******
0.925	*******	-0.7350	-0.7911	-0.8552	-0.9762
0.950	-0.4251	-0.7626	-0.6511	-0.8451	-1.0307
0.975	*******	-1.0144	-1.0623	-0.8358	-0.9053
1.000	-1.1544	-1.1482	-1.2258	-0.8460	-1.1197
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1551	0.1545	0.2202	*******	-0.6324
-0.400	0.1461	0.1614	0.1715	0.0102	-0.7183
-0.600	0.1588	0.1658	0.1647	0.0445	-0.6990
-0.700	*******	0.1624	0.1646	0.0618	-0.6691
-0.800	*******	*******	0.1664	0.0863	-0.6044
-0.850	*******	0.2034	0.1772	0.0910	-0.5834
-0.900	0.2409	0.2291	0.2038	0.1173	-0.5809
-0.950	0.2562	0.1469	0.2304	0.1655	-0.1928
-0.975	*******	0.1991	0.2110	0.1711	-0.0323
-1.000	-1.0414	-1.3094	-0.9084	-0.7906	-0.5520

Surface Pressures



Small Radius L.E.

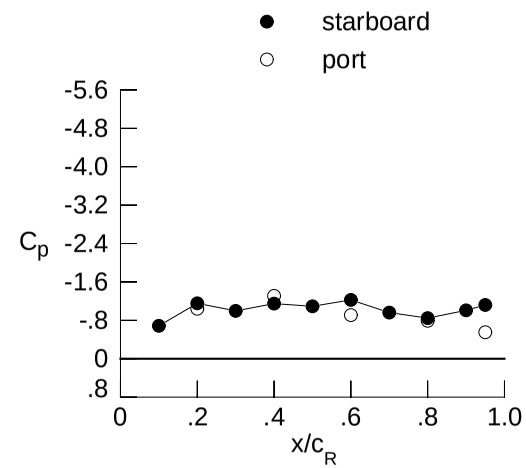
Run No. = 52 , Point No. = 1124

C_N = 0.355, C_m = -0.0685

α = 8.0 °, M_∞ = 0.849

R_{mac} = 60.3×10^6

Leading Edge Pressures

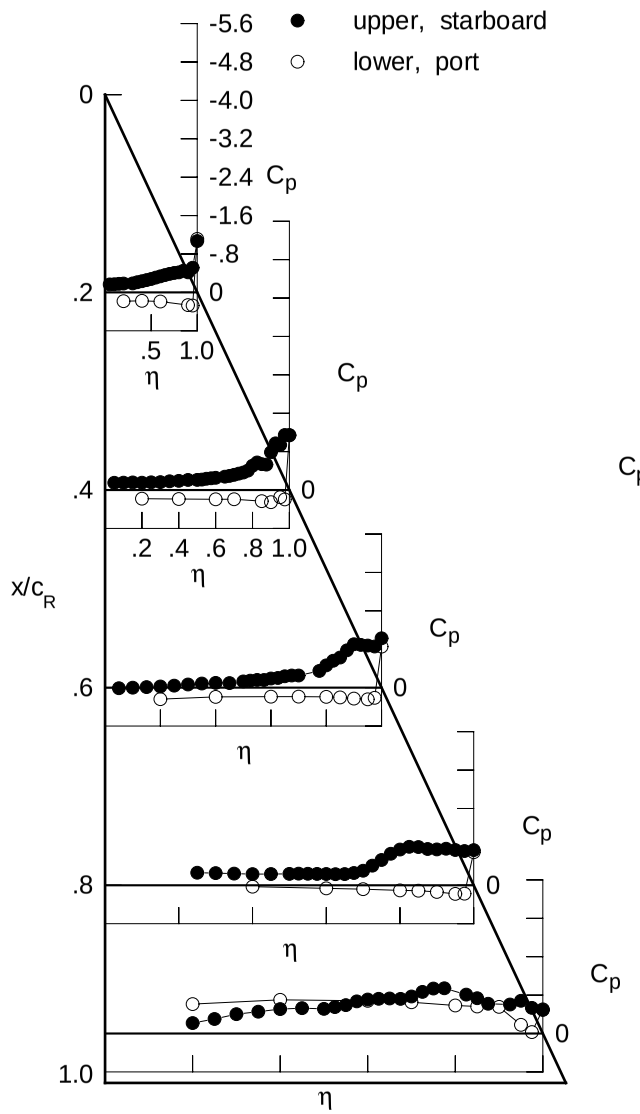


x/c_R	starb'd C_p	port C_p
0.10	-0.6853	*******
0.20	-1.1544	-1.0414
0.30	-0.9969	*******
0.40	-1.1482	-1.3094
0.50	-1.0923	*******
0.60	-1.2258	-0.9084
0.70	-0.9616	*******
0.80	-0.8460	-0.7906
0.90	-1.0081	*******
0.95	-1.1197	-0.5520

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1665	-0.1514	0.0122	*******	*******
0.100	-0.1698	-0.1533	0.0008	*******	*******
0.150	-0.1784	-0.1586	-0.0112	*******	*******
0.200	-0.1840	-0.1527	-0.0240	*******	-0.2174
0.250	*******	-0.1610	-0.0420	-0.2619	-0.3026
0.300	-0.1876	-0.1645	-0.0659	-0.2536	-0.4029
0.350	-0.2117	-0.1821	-0.0855	-0.2430	-0.4545
0.400	-0.2331	-0.1916	-0.0992	-0.2326	-0.5086
0.450	-0.2558	-0.2107	-0.0955	-0.2343	-0.5283
0.500	-0.2793	-0.2113	-0.1299	-0.2378	-0.5133
0.525	*******	-0.2178	-0.1460	-0.2420	-0.5505
0.550	-0.3079	-0.2348	-0.1606	-0.2402	-0.5916
0.575	*******	-0.2447	-0.1588	-0.2366	-0.6697
0.600	-0.3347	-0.2553	-0.1908	-0.2353	-0.7082
0.625	*******	*******	-0.2019	-0.2311	-0.7235
0.650	-0.3607	-0.2784	-0.2370	-0.2334	-0.7296
0.675	*******	-0.2945	-0.2530	-0.2564	-0.7215
0.700	-0.3857	-0.3164	-0.2525	-0.3031	-0.7716
0.725	*******	-0.3417	*******	-0.4088	-0.8672
0.750	-0.4050	-0.3644	*******	-0.5269	-0.9369
0.775	*******	-0.4048	-0.3477	-0.6564	-0.9426
0.800	-0.4165	-0.5062	-0.4643	-0.7448	*******
0.825	*******	-0.5740	-0.5602	-0.8017	-0.8107
0.850	-0.4510	-0.5393	-0.6273	-0.7966	-0.7352
0.875	*******	-0.5298	-0.7774	-0.7563	-0.6201
0.900	-0.4174	-0.7874	-0.9043	-0.7475	*******
0.925	*******	-0.9730	-0.8906	-0.7618	-0.6038
0.950	-0.5140	-0.9389	-0.8771	-0.7355	-0.6818
0.975	*******	-1.1462	-0.8569	-0.7137	-0.5340
1.000	-1.0697	-1.1459	-1.0279	-0.7326	-0.4908
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1836	0.1803	0.2399	*******	-0.6130
-0.400	0.1757	0.1873	0.1924	0.0288	-0.7016
-0.600	0.1904	0.1929	0.1878	0.0636	-0.6809
-0.700	*******	0.1916	0.1875	0.0810	-0.6514
-0.800	*******	*******	0.1916	0.1067	-0.5839
-0.850	*******	0.2318	0.2040	0.1124	-0.5632
-0.900	0.2644	0.2530	0.2281	0.1388	-0.5551
-0.950	0.2737	0.1487	0.2433	0.1796	-0.1812
-0.975	*******	0.1953	0.2117	0.1741	-0.0293
-1.000	-1.1134	-1.1382	-0.8548	-0.6885	-0.5029

Surface Pressures



Small Radius L.E.

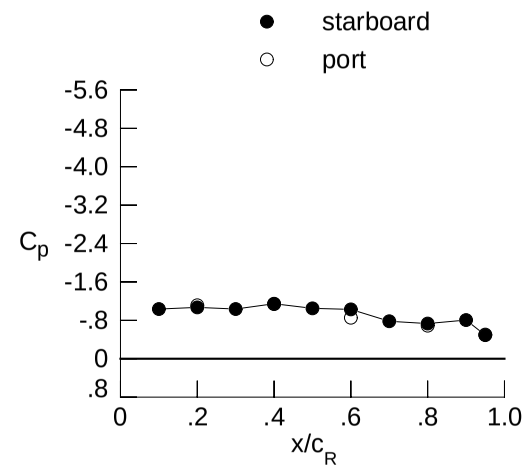
Run No. = 52 , Point No. = 1125

C_N = 0.418, C_m = -0.0824

α = 9.0 °, M_∞ = 0.850

R_{mac} = 60.1×10^6

Leading Edge Pressures

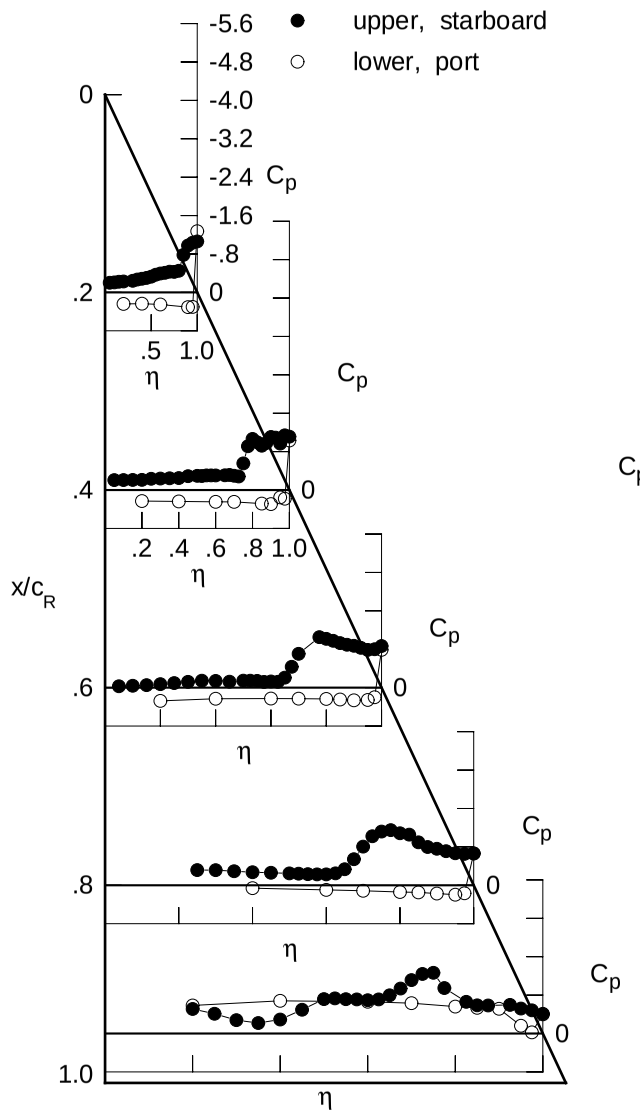


x/c_R	starb'd C_p	port C_p
0.10	-1.0348	*******
0.20	-1.0697	-1.1134
0.30	-1.0354	*******
0.40	-1.1459	-1.1382
0.50	-1.0496	*******
0.60	-1.0279	-0.8548
0.70	-0.7806	*******
0.80	-0.7326	-0.6885
0.90	-0.8058	*******
0.95	-0.4908	-0.5029

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2011	-0.2076	-0.0292	*******	*******
0.100	-0.2080	-0.2084	-0.0394	*******	*******
0.150	-0.2218	-0.2104	-0.0521	*******	*******
0.200	-0.2271	-0.2118	-0.0724	*******	-0.5111
0.250	*******	-0.2340	-0.0949	-0.3172	-0.4111
0.300	-0.2420	-0.2392	-0.1209	-0.3154	-0.2785
0.350	-0.2680	-0.2445	-0.1449	-0.2929	-0.2188
0.400	-0.2840	-0.2498	-0.1401	-0.2721	-0.2915
0.450	-0.3016	-0.2890	-0.1239	-0.2610	-0.4953
0.500	-0.3272	-0.2957	-0.1456	-0.2479	-0.7168
0.525	*******	-0.2922	-0.1449	-0.2416	-0.7324
0.550	-0.3676	-0.3046	-0.1406	-0.2324	-0.7156
0.575	*******	-0.3044	-0.1190	-0.2269	-0.7101
0.600	-0.3936	-0.3041	-0.1292	-0.2272	-0.6939
0.625	*******	*******	-0.1218	-0.2485	-0.7103
0.650	-0.4076	-0.3074	-0.2077	-0.3346	-0.7959
0.675	*******	-0.3141	-0.4345	-0.5432	-0.9370
0.700	-0.4314	-0.2978	-0.7047	-0.8054	-1.1126
0.725	*******	-0.2821	*******	-1.0213	-1.2409
0.750	-0.4269	-0.5553	*******	-1.1191	-1.2652
0.775	*******	-0.9120	-1.0516	-1.1490	-0.9476
0.800	-0.4506	-1.0648	-1.0172	-1.0839	*******
0.825	*******	-0.9948	-0.9758	-1.0556	-0.6601
0.850	-0.7808	-0.9229	-0.9276	-0.8950	-0.5869
0.875	*******	-0.9800	-0.8939	-0.7977	-0.5839
0.900	-0.9766	-1.1056	-0.8722	-0.7609	*******
0.925	*******	-1.0920	-0.8297	-0.7101	-0.5960
0.950	-1.0352	-0.9684	-0.7860	-0.6671	-0.5200
0.975	*******	-1.1398	-0.8001	-0.6543	-0.4830
1.000	-1.0612	-1.1119	-0.8670	-0.6625	-0.4105
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2402	0.2298	0.2761	*******	-0.5844
-0.400	0.2351	0.2374	0.2312	0.0603	-0.6808
-0.600	0.2519	0.2457	0.2275	0.0960	-0.6614
-0.700	*******	0.2467	0.2297	0.1141	-0.6319
-0.800	*******	*******	0.2353	0.1402	-0.5607
-0.850	*******	0.2826	0.2469	0.1483	-0.5354
-0.900	0.3075	0.2925	0.2640	0.1723	-0.5153
-0.950	0.3023	0.1530	0.2566	0.1957	-0.1618
-0.975	*******	0.1809	0.1999	0.1668	-0.0237
-1.000	-1.2745	-1.0321	-0.7871	-0.6641	-0.3994

Surface Pressures



Small Radius L.E.

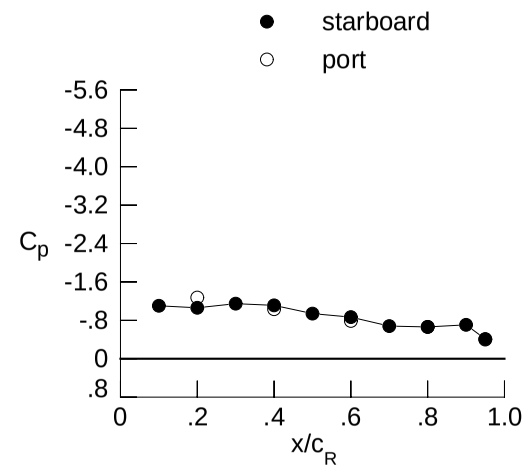
Run No. = 52 , Point No. = 1126

C_N = 0.538, C_m = -0.1010

α = 11.1 °, M_∞ = 0.849

R_{mac} = 60.1×10^6

Leading Edge Pressures

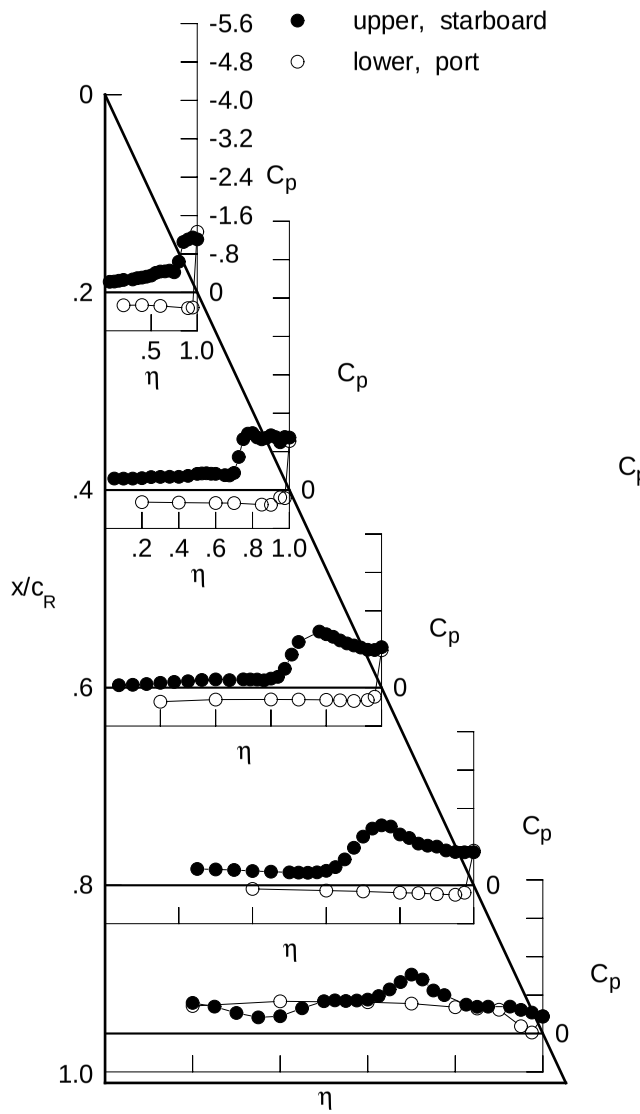


x/c_R	starb'd C_p	port C_p
0.10	-1.1030	*******
0.20	-1.0612	-1.2745
0.30	-1.1472	*******
0.40	-1.1119	-1.0321
0.50	-0.9401	*******
0.60	-0.8670	-0.7871
0.70	-0.6801	*******
0.80	-0.6625	-0.6641
0.90	-0.7061	*******
0.95	-0.4105	-0.3994

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2207	-0.2391	-0.0504	*******	*******
0.100	-0.2257	-0.2376	-0.0596	*******	*******
0.150	-0.2423	-0.2385	-0.0756	*******	*******
0.200	-0.2601	-0.2470	-0.1004	*******	-0.6375
0.250	*******	-0.2699	-0.1193	-0.3401	-0.5598
0.300	-0.2696	-0.2732	-0.1333	-0.3297	-0.4280
0.350	-0.2961	-0.2761	-0.1599	-0.3189	-0.3364
0.400	-0.3082	-0.2756	-0.1714	-0.2972	-0.3597
0.450	-0.3269	-0.2952	-0.1564	-0.2832	-0.5253
0.500	-0.3504	-0.3365	-0.1730	-0.2685	-0.6731
0.525	*******	-0.3455	-0.1704	-0.2639	-0.6901
0.550	-0.4062	-0.3497	-0.1686	-0.2607	-0.6778
0.575	*******	-0.3396	-0.1521	-0.2694	-0.6869
0.600	-0.4347	-0.3378	-0.1883	-0.3017	-0.7060
0.625	*******	*******	-0.2246	-0.3787	-0.7802
0.650	-0.4375	-0.3100	-0.3927	-0.5391	-0.9183
0.675	*******	-0.3036	-0.6880	-0.7819	-1.0718
0.700	-0.4532	-0.3569	-0.9512	-1.0134	-1.2269
0.725	*******	-0.6889	*******	-1.1811	-1.1250
0.750	-0.4191	-1.0601	*******	-1.2485	-0.8961
0.775	*******	-1.1744	-1.1682	-1.2239	-0.8000
0.800	-0.6393	-1.1868	-1.1130	-1.0581	*******
0.825	*******	-1.0959	-1.0593	-0.9853	-0.6009
0.850	-1.0492	-1.0567	-0.9835	-0.8678	-0.5567
0.875	*******	-1.0871	-0.9211	-0.8248	-0.5595
0.900	-1.1027	-1.1411	-0.8784	-0.8058	*******
0.925	*******	-1.1026	-0.8353	-0.7252	-0.5597
0.950	-1.1445	-0.9949	-0.7890	-0.6935	-0.4923
0.975	*******	-1.1051	-0.7839	-0.6873	-0.4359
1.000	-1.1045	-1.0925	-0.8429	-0.6881	-0.3608
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2687	0.2521	0.2932	*******	-0.5726
-0.400	0.2646	0.2619	0.2485	0.0758	-0.6706
-0.600	0.2821	0.2701	0.2463	0.1102	-0.6523
-0.700	*******	0.2721	0.2488	0.1282	-0.6230
-0.800	*******	*******	0.2543	0.1553	-0.5483
-0.850	*******	0.3040	0.2651	0.1630	-0.5208
-0.900	0.3276	0.3077	0.2776	0.1849	-0.4949
-0.950	0.3150	0.1531	0.2584	0.1977	-0.1510
-0.975	*******	0.1689	0.1897	0.1545	-0.0211
-1.000	-1.2614	-1.0200	-0.7784	-0.7208	-0.3504

Surface Pressures



Small Radius L.E.

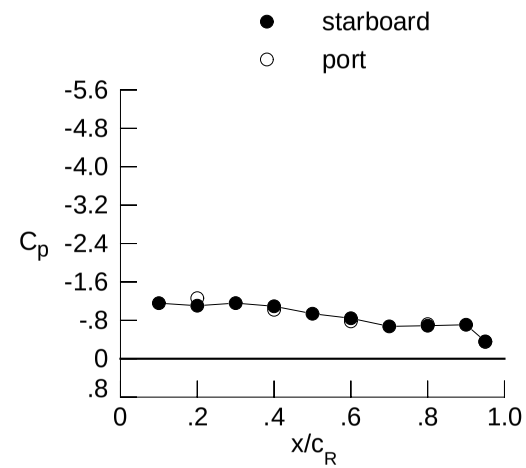
Run No. = 52 , Point No. = 1127

C_N = 0.595, C_m = -0.1081

α = 12.2 °, M_∞ = 0.850

R_{mac} = 60.2×10^6

Leading Edge Pressures

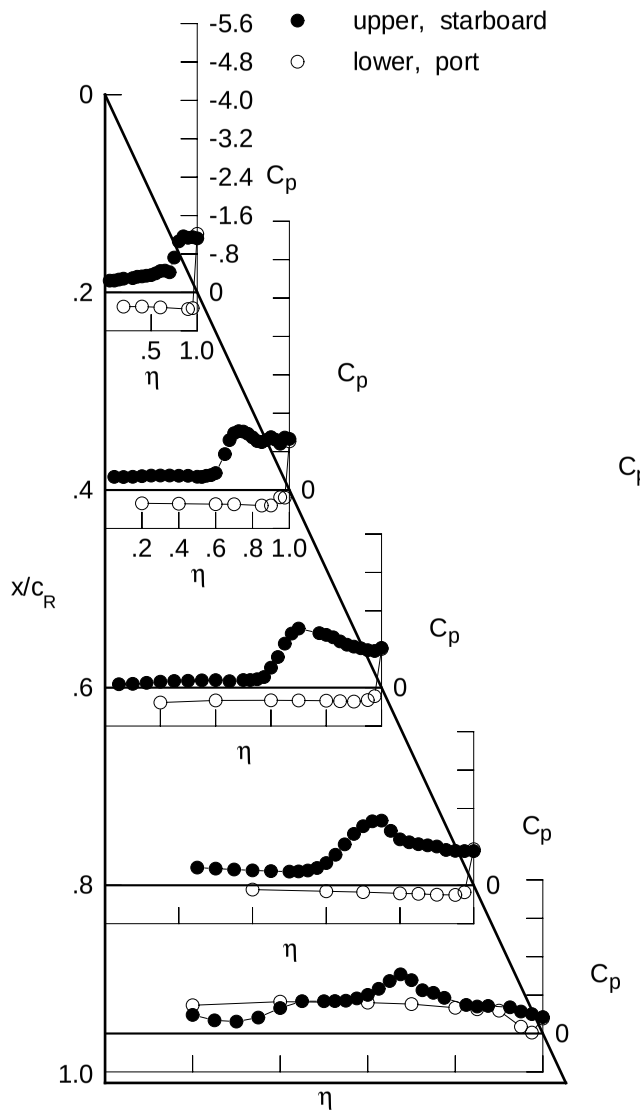


x/c_R	starb'd C_p	port C_p
0.10	-1.1574	*******
0.20	-1.1045	-1.2614
0.30	-1.1588	*******
0.40	-1.0925	-1.0200
0.50	-0.9379	*******
0.60	-0.8429	-0.7784
0.70	-0.6737	*******
0.80	-0.6881	-0.7208
0.90	-0.7079	*******
0.95	-0.3608	-0.3504

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2449	-0.2748	-0.0711	*******	*******
0.100	-0.2452	-0.2710	-0.0794	*******	*******
0.150	-0.2671	-0.2760	-0.1003	*******	*******
0.200	-0.2858	-0.2890	-0.1238	*******	-0.3872
0.250	*******	-0.3011	-0.1382	-0.3686	-0.2746
0.300	-0.2971	-0.3025	-0.1433	-0.3469	-0.2480
0.350	-0.3259	-0.3023	-0.1517	-0.3285	-0.3323
0.400	-0.3327	-0.2976	-0.1565	-0.3101	-0.5302
0.450	-0.3469	-0.2967	-0.1340	-0.2955	-0.6737
0.500	-0.3601	-0.2769	-0.1581	-0.2845	-0.6724
0.525	*******	-0.2729	-0.1582	-0.2887	-0.6756
0.550	-0.3964	-0.2968	-0.1751	-0.3078	-0.6830
0.575	*******	-0.3115	-0.2205	-0.3602	-0.7310
0.600	-0.4452	-0.3539	-0.4158	-0.4635	-0.8046
0.625	*******	*******	-0.6373	-0.6361	-0.9316
0.650	-0.4532	-0.7483	-0.9171	-0.8527	-1.0933
0.675	*******	-1.0397	-1.1266	-1.0703	-1.2326
0.700	-0.4195	-1.1843	-1.2310	-1.2301	-1.1109
0.725	*******	-1.2263	*******	-1.3325	-0.9017
0.750	-0.7259	-1.2180	*******	-1.3472	-0.8473
0.775	*******	-1.1711	-1.1351	-1.1344	-0.7436
0.800	-1.0633	-1.0970	-1.0990	-0.9568	*******
0.825	*******	-1.0211	-1.0485	-0.8957	-0.5956
0.850	-1.1680	-0.9985	-0.9629	-0.8557	-0.5622
0.875	*******	-1.0417	-0.8947	-0.8319	-0.5744
0.900	-1.1380	-1.1018	-0.8542	-0.8079	*******
0.925	*******	-1.0478	-0.8210	-0.7364	-0.5461
0.950	-1.1502	-0.9647	-0.7808	-0.7173	-0.4577
0.975	*******	-1.0931	-0.7633	-0.7125	-0.4044
1.000	-1.1260	-1.0646	-0.8282	-0.7119	-0.3426
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2969	0.2765	0.3106	*******	-0.5885
-0.400	0.2954	0.2850	0.2665	0.0899	-0.6630
-0.600	0.3125	0.2942	0.2640	0.1250	-0.6433
-0.700	*******	0.2970	0.2674	0.1426	-0.6125
-0.800	*******	*******	0.2723	0.1690	-0.5359
-0.850	*******	0.3233	0.2821	0.1773	-0.5058
-0.900	0.3476	0.3214	0.2905	0.1971	-0.4762
-0.950	0.3283	0.1510	0.2589	0.2004	-0.1414
-0.975	*******	0.1575	0.1775	0.1446	-0.0192
-1.000	-1.2195	-1.0141	-0.8057	-0.7513	-0.3129

Surface Pressures



Small Radius L.E.

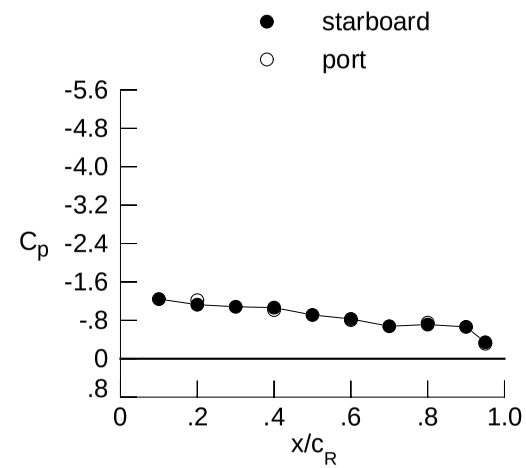
Run No. = 52 , Point No. = 1128

C_N = 0.648, C_m = -0.1133

α = 13.3 °, M_∞ = 0.849

R_{mac} = 60.2×10^6

Leading Edge Pressures

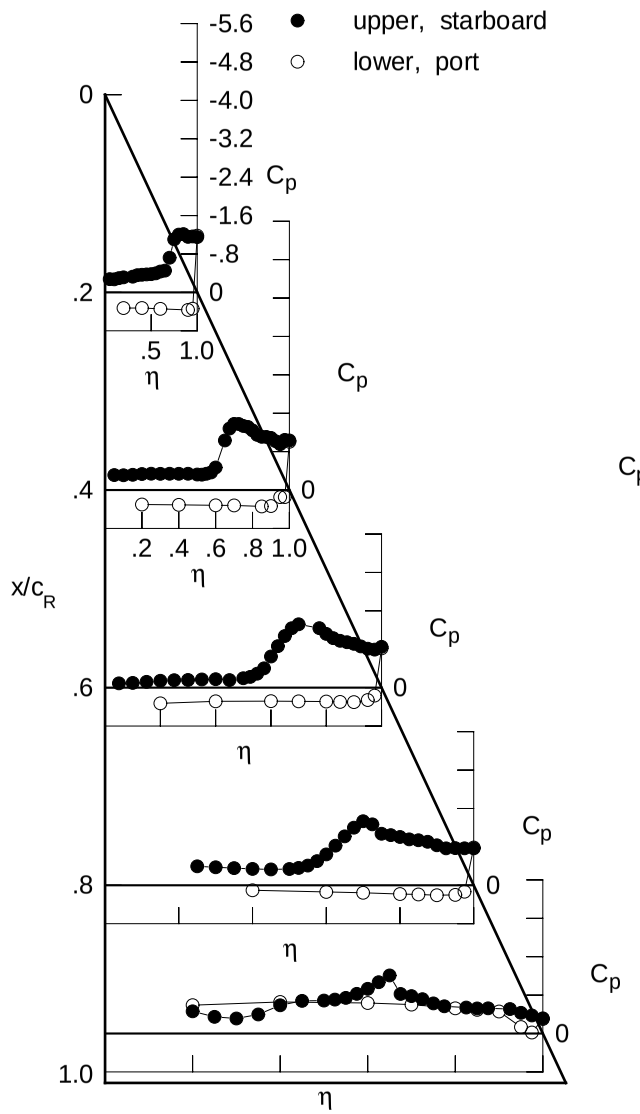


x/c_R	starb'd C_p	port C_p
0.10	-1.2428	*******
0.20	-1.1260	-1.2195
0.30	-1.0827	*******
0.40	-1.0646	-1.0141
0.50	-0.9122	*******
0.60	-0.8282	-0.8057
0.70	-0.6768	*******
0.80	-0.7119	-0.7513
0.90	-0.6637	*******
0.95	-0.3426	-0.3129

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2763	-0.3124	-0.0893	*******	*******
0.100	-0.2722	-0.3077	-0.0982	*******	*******
0.150	-0.2964	-0.3177	-0.1206	*******	*******
0.200	-0.3135	-0.3337	-0.1431	*******	-0.4623
0.250	*******	-0.3400	-0.1555	-0.3951	-0.3468
0.300	-0.3274	-0.3374	-0.1601	-0.3754	-0.3127
0.350	-0.3586	-0.3396	-0.1703	-0.3579	-0.3969
0.400	-0.3670	-0.3382	-0.1757	-0.3407	-0.5882
0.450	-0.3743	-0.3393	-0.1572	-0.3302	-0.6802
0.500	-0.3800	-0.3229	-0.1960	-0.3391	-0.6865
0.525	*******	-0.3201	-0.2241	-0.3615	-0.7064
0.550	-0.3969	-0.3390	-0.2903	-0.4101	-0.7427
0.575	*******	-0.3664	-0.4023	-0.5036	-0.8267
0.600	-0.4341	-0.4694	-0.6491	-0.6428	-0.9315
0.625	*******	*******	-0.8637	-0.8255	-1.0684
0.650	-0.4539	-1.0325	-1.0748	-1.0195	-1.2094
0.675	*******	-1.2805	-1.2375	-1.1998	-0.8241
0.700	-0.7223	-1.3773	-1.3200	-1.3346	-0.7795
0.725	*******	-1.3762	*******	-1.2695	-0.7148
0.750	-1.1049	-1.3350	*******	-1.0738	-0.6270
0.775	*******	-1.3144	-1.2389	-1.0448	-0.5670
0.800	-1.2038	-1.2420	-1.1199	-1.0063	*******
0.825	*******	-1.1492	-1.0312	-0.9565	-0.5407
0.850	-1.2141	-1.1088	-0.9758	-0.9382	-0.5222
0.875	*******	-1.1062	-0.9463	-0.9067	-0.5249
0.900	-1.1570	-1.0867	-0.9132	-0.8334	*******
0.925	*******	-1.0175	-0.8596	-0.7698	-0.5098
0.950	-1.1653	-0.9552	-0.8115	-0.7747	-0.4315
0.975	*******	-1.0446	-0.7921	-0.7706	-0.3761
1.000	-1.1518	-1.0324	-0.8501	-0.7693	-0.3162
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3266	0.3015	0.3271	*******	-0.5903
-0.400	0.3255	0.3087	0.2851	0.1036	-0.6571
-0.600	0.3429	0.3182	0.2816	0.1385	-0.6356
-0.700	*******	0.3208	0.2853	0.1561	-0.6027
-0.800	*******	*******	0.2897	0.1826	-0.5248
-0.850	*******	0.3413	0.2976	0.1908	-0.4928
-0.900	0.3659	0.3333	0.3013	0.2072	-0.4588
-0.950	0.3399	0.1475	0.2580	0.2002	-0.1343
-0.975	*******	0.1467	0.1652	0.1337	-0.0212
-1.000	-1.1813	-1.0045	-0.8186	-0.7863	-0.3021

Surface Pressures



Small Radius L.E.

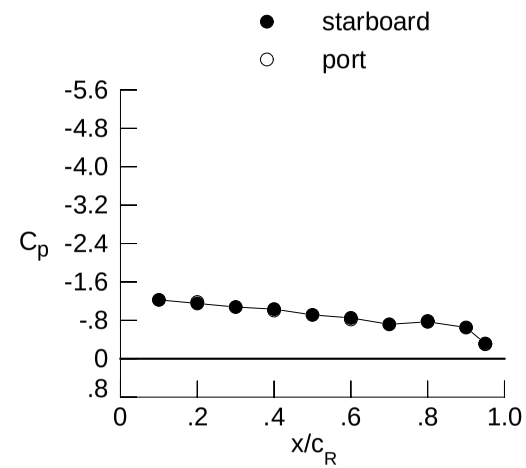
Run No. = 52 , Point No. = 1129

C_N = 0.702, C_m = -0.1184

α = 14.3 °, M_∞ = 0.850

R_{mac} = 60.2×10^6

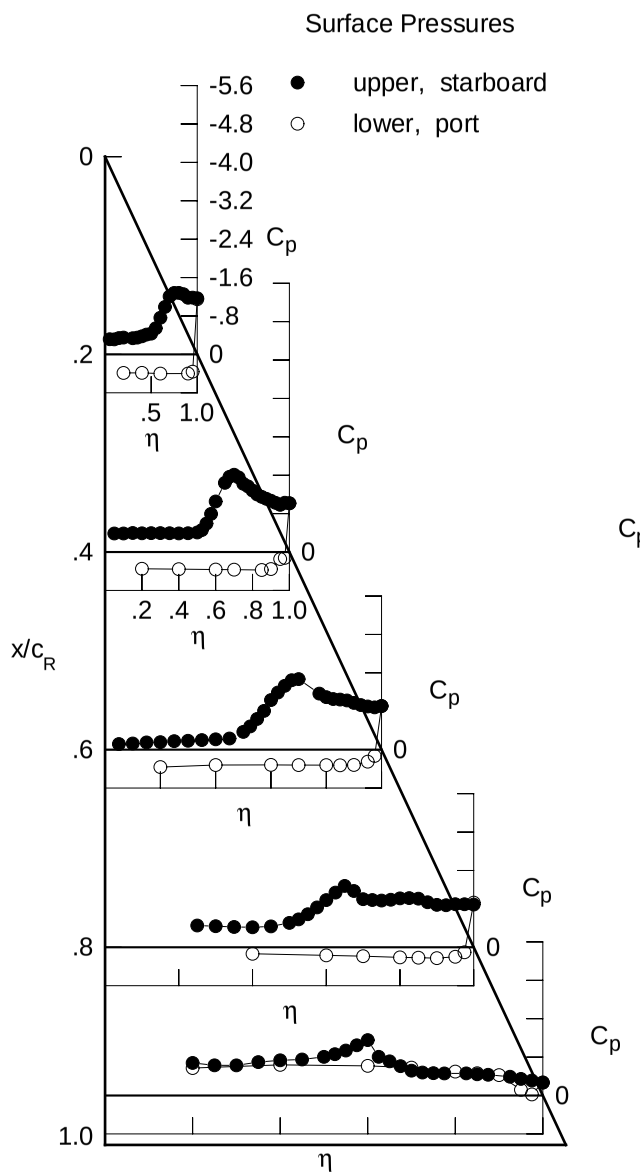
Leading Edge Pressures



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

Table C5. 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	-0.3164	-0.3865	-0.1168	*******	*******
0.100	-0.3128	-0.3866	-0.1277	*******	*******
0.150	-0.3400	-0.3967	-0.1500	*******	*******
0.200	-0.3505	-0.3907	-0.1557	*******	-0.6788
0.250	*******	-0.3934	-0.1768	-0.4534	-0.6291
0.300	-0.3369	-0.3942	-0.1849	-0.4388	-0.6278
0.350	-0.3498	-0.3923	-0.1994	-0.4236	-0.6963
0.400	-0.3764	-0.3882	-0.2153	-0.4170	-0.7333
0.450	-0.4130	-0.3922	-0.2316	-0.4355	-0.7506
0.500	-0.4324	-0.4072	-0.3693	-0.5081	-0.8054
0.525	*******	-0.4574	-0.4842	-0.5819	-0.8607
0.550	-0.5449	-0.5939	-0.6394	-0.6891	-0.9369
0.575	*******	-0.7948	-0.8071	-0.8307	-1.0462
0.600	-0.7633	-1.0538	-1.0332	-0.9831	-1.1546
0.625	*******	*******	-1.1899	-1.1392	-0.8068
0.650	-0.9892	-1.4414	-1.3299	-1.2786	-0.7123
0.675	*******	-1.5675	-1.4464	-1.1730	-0.6113
0.700	-1.2076	-1.6105	-1.4694	-1.0025	-0.5176
0.725	*******	-1.5533	*******	-0.9849	-0.4787
0.750	-1.2804	-1.4220	*******	-0.9739	-0.4657
0.775	*******	-1.3681	-1.1675	-0.9906	-0.4599
0.800	-1.2812	-1.2819	-1.0934	-1.0195	*******
0.825	*******	-1.1999	-1.0544	-1.0247	-0.4610
0.850	-1.2541	-1.1498	-1.0429	-1.0132	-0.4426
0.875	*******	-1.1085	-1.0251	-0.9382	-0.4318
0.900	-1.1802	-1.0690	-0.9737	-0.8840	*******
0.925	*******	-1.0248	-0.9290	-0.8762	-0.3912
0.950	-1.1821	-0.9834	-0.8992	-0.8978	-0.3459
0.975	*******	-1.0271	-0.8808	-0.8965	-0.3122
1.000	-1.1693	-1.0157	-0.9095	-0.8902	-0.2673
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3861	0.3488	0.3635	*******	-0.5722
-0.400	0.3851	0.3564	0.3206	0.1349	-0.6383
-0.600	0.4003	0.3647	0.3179	0.1683	-0.6174
-0.700	*******	0.3669	0.3215	0.1853	-0.5807
-0.800	*******	*******	0.3226	0.2106	-0.4983
-0.850	*******	0.3747	0.3262	0.2166	-0.4641
-0.900	0.3992	0.3540	0.3189	0.2263	-0.4248
-0.950	0.3601	0.1458	0.2501	0.1973	-0.1194
-0.975	*******	0.1218	0.1310	0.1042	-0.0228
-1.000	-1.1486	-1.0155	-0.9074	-0.9301	-0.2732



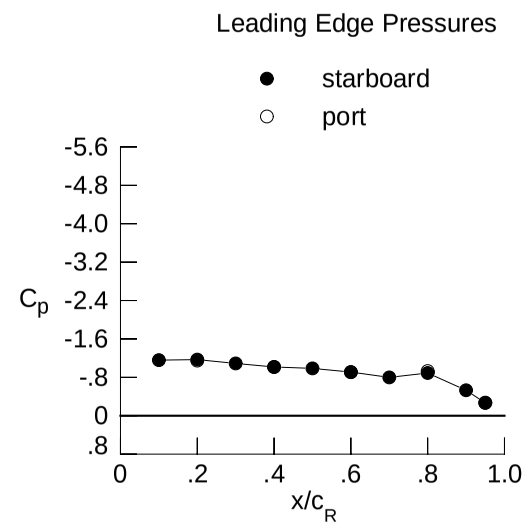
Small Radius L.E.

Run No. = 52 , Point No. = 1130

C_N = 0.797, C_m = -0.1251

α = 16.4 °, M_∞ = 0.850

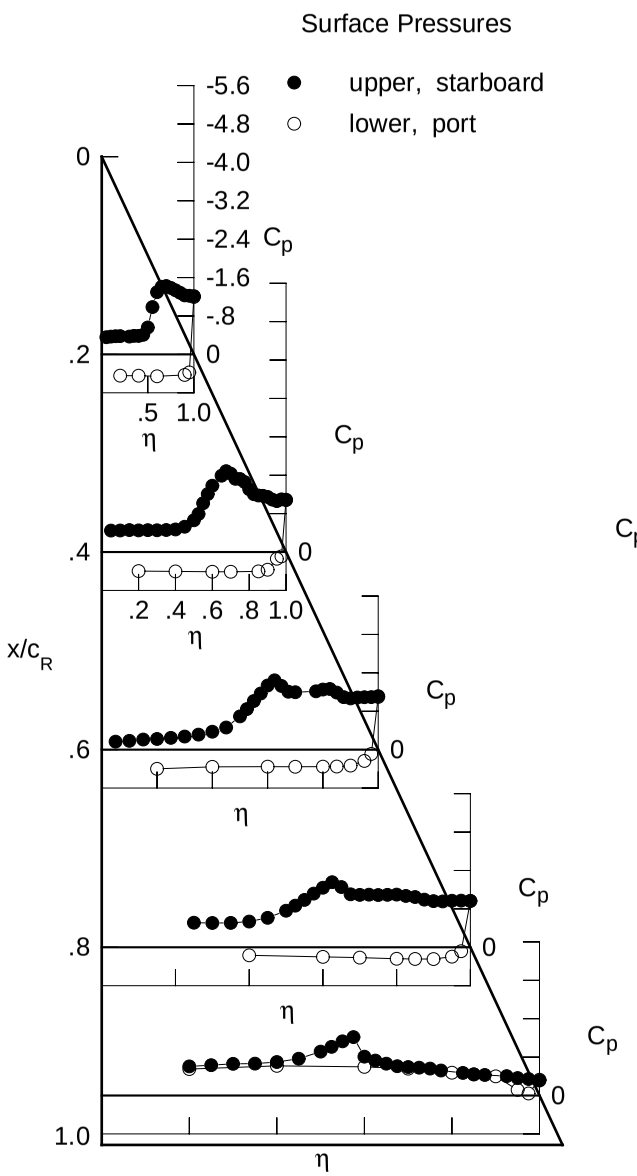
$R_{mac} = 60.2 \times 10^6$



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

Table C5. 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	-0.3577	-0.4471	-0.1666	*******	*******
0.100	-0.3706	-0.4488	-0.1836	*******	*******
0.150	-0.3788	-0.4572	-0.2108	*******	*******
0.200	-0.3806	-0.4515	-0.2223	*******	-0.6063
0.250	*******	-0.4561	-0.2460	-0.5118	-0.6323
0.300	-0.3710	-0.4538	-0.2729	-0.5061	-0.6603
0.350	-0.3867	-0.4594	-0.3131	-0.5078	-0.6641
0.400	-0.3845	-0.4704	-0.3738	-0.5363	-0.6977
0.450	-0.4082	-0.5272	-0.4604	-0.6137	-0.7664
0.500	-0.5610	-0.6612	-0.6928	-0.7619	-0.9148
0.525	*******	-0.7931	-0.8452	-0.8670	-1.0136
0.550	-0.9858	-1.0166	-1.0126	-0.9874	-1.1292
0.575	*******	-1.2071	-1.1694	-1.1187	-1.2165
0.600	-1.2958	-1.3819	-1.3356	-1.2405	-0.8094
0.625	*******	*******	-1.4442	-1.3556	-0.7277
0.650	-1.4090	-1.5903	-1.3268	-1.2554	-0.6633
0.675	*******	-1.6852	-1.2060	-1.1038	-0.6107
0.700	-1.4243	-1.6328	-1.1960	-1.0920	-0.5936
0.725	*******	-1.5254	*******	-1.0956	-0.5800
0.750	-1.3850	-1.5213	*******	-1.0892	-0.5606
0.775	*******	-1.4596	-1.2152	-1.0925	-0.5204
0.800	-1.3358	-1.3085	-1.2522	-1.0976	*******
0.825	*******	-1.2057	-1.2641	-1.0694	-0.4708
0.850	-1.2840	-1.1774	-1.1888	-1.0473	-0.4394
0.875	*******	-1.1715	-1.0938	-0.9930	-0.4279
0.900	-1.2290	-1.1479	-1.0675	-0.9616	*******
0.925	*******	-1.0931	-1.0863	-0.9551	-0.4038
0.950	-1.2218	-1.0612	-1.0917	-0.9694	-0.3637
0.975	*******	-1.0976	-1.0944	-0.9717	-0.3436
1.000	-1.2134	-1.0821	-1.1138	-0.9668	-0.3126
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4435	0.3970	0.3999	*******	-0.5509
-0.400	0.4441	0.4038	0.3584	0.1670	-0.6177
-0.600	0.4563	0.4110	0.3547	0.1998	-0.5972
-0.700	*******	0.4109	0.3564	0.2154	-0.5588
-0.800	*******	*******	0.3542	0.2390	-0.4752
-0.850	*******	0.4034	0.3520	0.2435	-0.4415
-0.900	0.4281	0.3689	0.3323	0.2454	-0.3989
-0.950	0.3749	0.1397	0.2350	0.1949	-0.1167
-0.975	*******	0.0906	0.0892	0.0813	-0.0420
-1.000	-1.1962	-1.0896	-1.0980	-0.9637	-0.3289



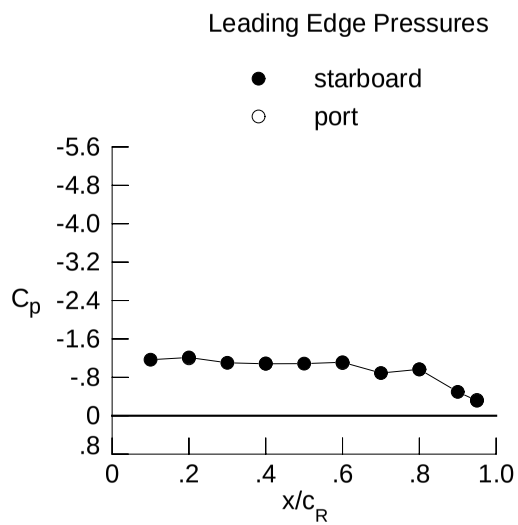
Small Radius L.E.

Run No. = 52 , Point No. = 1131

C_N = 0.914, C_m = -0.1450

α = 18.4 °, M_∞ = 0.850

R_{mac} = 60.1×10^6

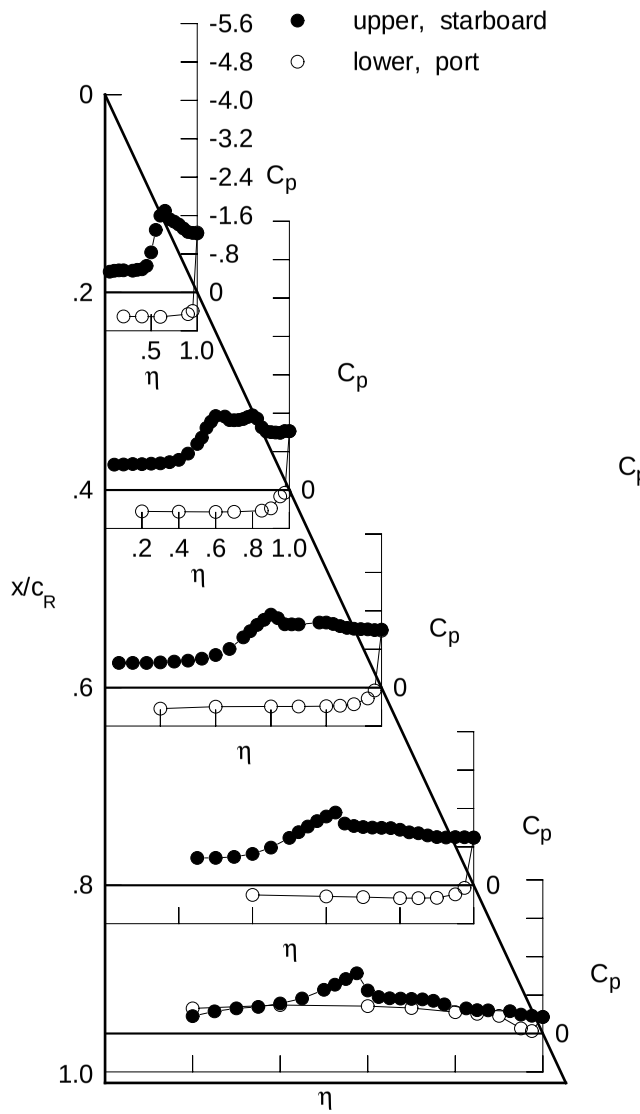


x/c_R	starb'd Cp	port Cp
0.10	-1.1670	*******
0.20	-1.2134	-1.1962
0.30	-1.1027	*******
0.40	-1.0821	-1.0896
0.50	-1.0854	*******
0.60	-1.1138	-1.0980
0.70	-0.8894	*******
0.80	-0.9668	-0.9637
0.90	-0.4971	*******
0.95	-0.3126	-0.3289

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.4314	-0.5287	-0.5155	*******	*******
0.100	-0.4507	-0.5323	-0.5155	*******	*******
0.150	-0.4596	-0.5418	-0.5144	*******	*******
0.200	-0.4603	-0.5391	-0.5253	*******	-0.3613
0.250	*******	-0.5490	-0.5426	-0.5695	-0.4613
0.300	-0.4523	-0.5557	-0.5624	-0.5713	-0.5238
0.350	-0.4706	-0.5806	-0.6035	-0.5912	-0.5548
0.400	-0.4817	-0.6291	-0.6801	-0.6534	-0.6252
0.450	-0.5523	-0.7590	-0.8054	-0.7847	-0.7300
0.500	-0.8338	-0.9603	-1.0473	-0.9874	-0.9103
0.525	*******	-1.0918	-1.1761	-1.1062	-1.0169
0.550	-1.3015	-1.2944	-1.3064	-1.2242	-1.1349
0.575	*******	-1.4247	-1.4129	-1.3371	-1.2544
0.600	-1.5989	-1.5420	-1.5210	-1.4324	-0.8960
0.625	*******	*******	-1.4467	-1.5155	-0.7598
0.650	-1.6994	-1.5305	-1.3198	-1.2859	-0.7345
0.675	*******	-1.4578	-1.3186	-1.2350	-0.7269
0.700	-1.5232	-1.4541	-1.3167	-1.2134	-0.7206
0.725	*******	-1.4591	*******	-1.2019	-0.7115
0.750	-1.4734	-1.4804	*******	-1.1968	-0.6818
0.775	*******	-1.5224	-1.3563	-1.1915	-0.6070
0.800	-1.4135	-1.5571	-1.3560	-1.1571	*******
0.825	*******	-1.4874	-1.3261	-1.1032	-0.5234
0.850	-1.3322	-1.3072	-1.2821	-1.0843	-0.4867
0.875	*******	-1.2194	-1.2446	-1.0385	-0.4827
0.900	-1.2593	-1.2064	-1.2269	-1.0052	*******
0.925	*******	-1.1987	-1.2194	-0.9953	-0.4650
0.950	-1.2389	-1.1914	-1.2141	-1.0042	-0.3936
0.975	*******	-1.2294	-1.1994	-1.0012	-0.3700
1.000	-1.2284	-1.2240	-1.2078	-0.9949	-0.3459
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5017	0.4450	0.4374	*******	-0.5234
-0.400	0.5016	0.4515	0.3965	0.2010	-0.5927
-0.600	0.5098	0.4562	0.3921	0.2319	-0.5702
-0.700	*******	0.4541	0.3926	0.2462	-0.5310
-0.800	*******	*******	0.3860	0.2676	-0.4452
-0.850	*******	0.4297	0.3771	0.2681	-0.4100
-0.900	0.4532	0.3819	0.3456	0.2612	-0.3670
-0.950	0.3873	0.1320	0.2249	0.1892	-0.1055
-0.975	*******	0.0576	0.0585	0.0546	-0.0510
-1.000	-1.2464	-1.2274	-1.2866	-0.9903	-0.3443

Surface Pressures



Small Radius L.E.

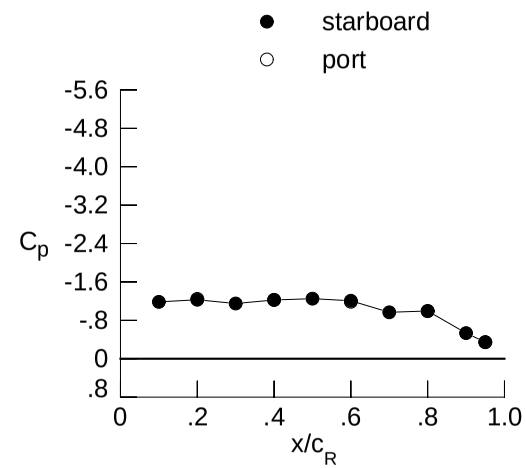
Run No. = 52 , Point No. = 1132

C_N = 1.038, C_m = -0.1702

α = 20.5 °, M_∞ = 0.849

R_{mac} = 60.1×10^6

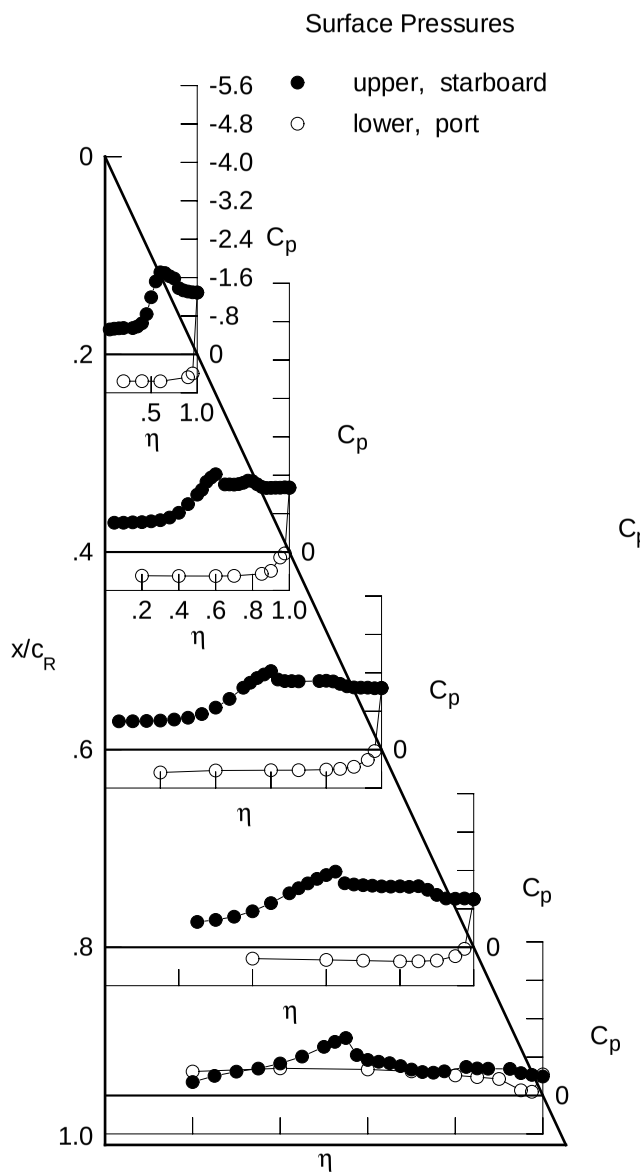
Leading Edge Pressures



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

Table C5. 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	-0.5188	-0.6102	-0.5896	*******	*******
0.100	-0.5351	-0.6107	-0.5910	*******	*******
0.150	-0.5429	-0.6185	-0.5973	*******	*******
0.200	-0.5493	-0.6221	-0.6056	*******	-0.2803
0.250	*******	-0.6399	-0.6276	-0.5280	-0.4090
0.300	-0.5477	-0.6630	-0.6647	-0.5708	-0.4967
0.350	-0.5809	-0.7184	-0.7414	-0.6370	-0.5609
0.400	-0.6477	-0.8180	-0.8755	-0.7497	-0.6676
0.450	-0.8395	-0.9982	-1.0568	-0.9197	-0.8115
0.500	-1.1906	-1.1953	-1.2900	-1.1250	-1.0136
0.525	*******	-1.2956	-1.3932	-1.2302	-1.1173
0.550	-1.5199	-1.4614	-1.4919	-1.3313	-1.1975
0.575	*******	-1.5512	-1.5654	-1.4258	-0.8433
0.600	-1.7097	-1.6204	-1.6370	-1.5049	-0.7405
0.625	*******	*******	-1.4612	-1.5756	-0.7029
0.650	-1.6943	-1.4085	-1.4282	-1.3335	-0.6734
0.675	*******	-1.4087	-1.4274	-1.3082	-0.6126
0.700	-1.6277	-1.4051	-1.4222	-1.2940	-0.5410
0.725	*******	-1.4159	*******	-1.2833	-0.4889
0.750	-1.5810	-1.4425	*******	-1.2685	-0.4755
0.775	*******	-1.4875	-1.4289	-1.2641	-0.5041
0.800	-1.3798	-1.4758	-1.4355	-1.2704	*******
0.825	*******	-1.4122	-1.4206	-1.2592	-0.5951
0.850	-1.3333	-1.3566	-1.3700	-1.2725	-0.5640
0.875	*******	-1.3342	-1.3191	-1.1974	-0.5581
0.900	-1.3095	-1.3370	-1.2962	-1.0911	*******
0.925	*******	-1.3404	-1.2908	-1.0169	-0.5542
0.950	-1.2935	-1.3396	-1.2911	-1.0115	-0.4666
0.975	*******	-1.3478	-1.2794	-1.0166	-0.4297
1.000	-1.2864	-1.3452	-1.2881	-1.0064	-0.3959
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5590	0.4934	0.4761	*******	-0.4994
-0.400	0.5578	0.4993	0.4347	0.2358	-0.5666
-0.600	0.5610	0.5004	0.4291	0.2633	-0.5431
-0.700	*******	0.4966	0.4280	0.2773	-0.5030
-0.800	*******	*******	0.4163	0.2940	-0.4189
-0.850	*******	0.4544	0.4007	0.2917	-0.3842
-0.900	0.4759	0.3924	0.3576	0.2764	-0.3446
-0.950	0.3973	0.1135	0.2141	0.1844	-0.1083
-0.975	*******	0.0284	0.0296	0.0330	-0.0777
-1.000	-1.2904	-1.3350	-1.2775	-0.9995	-0.4395



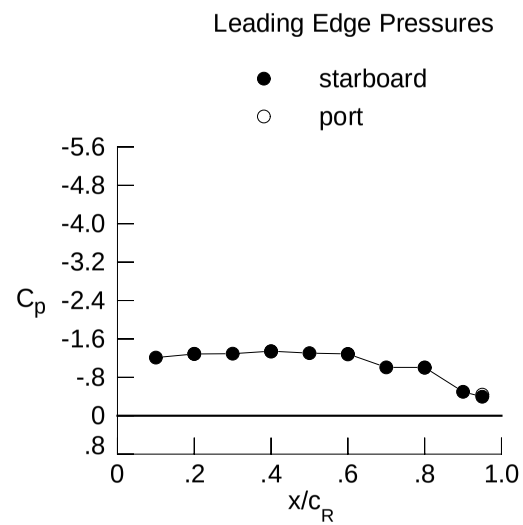
Small Radius L.E.

Run No. = 52 , Point No. = 1133

C_N = 1.136, C_m = -0.1821

α = 22.6 °, M_∞ = 0.851

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

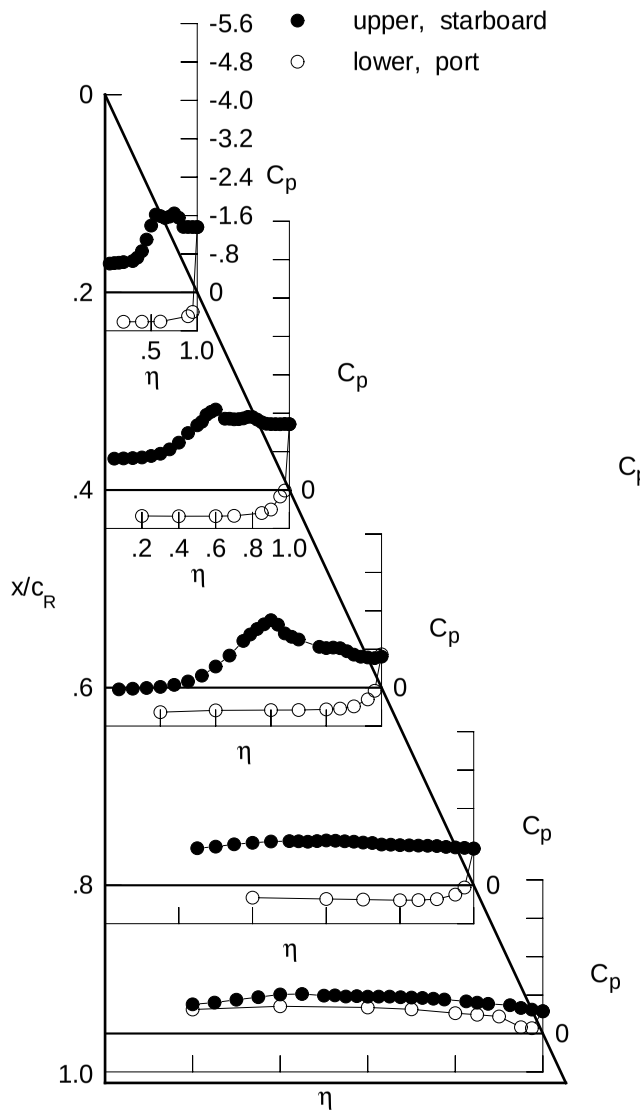


x/c_R	starb'd Cp	port Cp
0.10	-1.2115	*******
0.20	-1.2864	-1.2904
0.30	-1.2924	*******
0.40	-1.3452	-1.3350
0.50	-1.3038	*******
0.60	-1.2881	-1.2775
0.70	-1.0072	*******
0.80	-1.0064	-0.9995
0.90	-0.4986	*******
0.95	-0.3959	-0.4395

Table C5. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6001	-0.6537	0.0357	*******	*******
0.100	-0.6100	-0.6586	0.0224	*******	*******
0.150	-0.6178	-0.6655	0.0075	*******	*******
0.200	-0.6305	-0.6784	-0.0153	*******	-0.6076
0.250	*******	-0.7100	-0.0573	-0.7721	-0.6442
0.300	-0.6528	-0.7557	-0.1285	-0.8050	-0.7039
0.350	-0.7238	-0.8471	-0.2494	-0.8536	-0.7570
0.400	-0.8596	-0.9875	-0.4400	-0.8848	-0.8138
0.450	-1.0997	-1.1872	-0.6679	-0.9119	-0.8235
0.500	-1.3910	-1.3484	-0.9728	-0.9196	-0.7890
0.525	*******	-1.4221	-1.1069	-0.9167	-0.7945
0.550	-1.6205	-1.5655	-1.2220	-0.9069	-0.7701
0.575	*******	-1.6292	-1.3190	-0.9208	-0.7786
0.600	-1.5904	-1.6766	-1.4052	-0.9339	-0.7681
0.625	*******	*******	-1.3111	-0.9282	-0.7690
0.650	-1.5498	-1.4853	-1.1300	-0.9170	-0.7686
0.675	*******	-1.4860	-1.0588	-0.9084	-0.7562
0.700	-1.5782	-1.4738	-1.0021	-0.8898	-0.7490
0.725	*******	-1.4769	*******	-0.8809	-0.7408
0.750	-1.6453	-1.4924	*******	-0.8485	-0.7246
0.775	*******	-1.5237	-0.8506	-0.8457	-0.7081
0.800	-1.5551	-1.5211	-0.8240	-0.8359	*******
0.825	*******	-1.4678	-0.8341	-0.8320	-0.6699
0.850	-1.3640	-1.4116	-0.8213	-0.8262	-0.6427
0.875	*******	-1.3807	-0.7585	-0.8234	-0.6187
0.900	-1.3622	-1.3733	-0.6871	-0.8177	*******
0.925	*******	-1.3729	-0.6443	-0.7995	-0.5899
0.950	-1.3614	-1.3714	-0.6290	-0.7891	-0.5317
0.975	*******	-1.3766	-0.6144	-0.7791	-0.4980
1.000	-1.3582	-1.3717	-0.6460	-0.7651	-0.4599
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6127	0.5407	0.5110	*******	-0.5002
-0.400	0.6112	0.5455	0.4736	0.2580	-0.5671
-0.600	0.6086	0.5444	0.4678	0.2852	-0.5427
-0.700	*******	0.5378	0.4664	0.2977	-0.5039
-0.800	*******	*******	0.4536	0.3117	-0.4233
-0.850	*******	0.4795	0.4370	0.3087	-0.3915
-0.900	0.4968	0.4061	0.3905	0.2896	-0.3547
-0.950	0.4081	0.1345	0.2449	0.1948	-0.1303
-0.975	*******	0.0105	0.0655	0.0460	-0.1105
-1.000	-1.3615	-1.3714	-0.6933	-0.7638	-0.4670

Surface Pressures



Small Radius L.E.

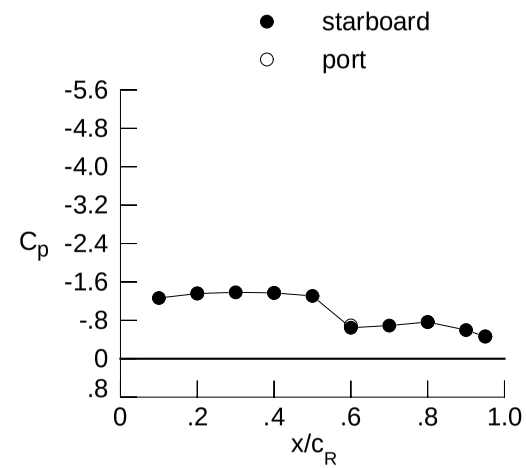
Run No. = 52 , Point No. = 1134

C_N = 1.105, C_m = -0.1696

α = 24.5 °, M_∞ = 0.850

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

Leading Edge Pressures

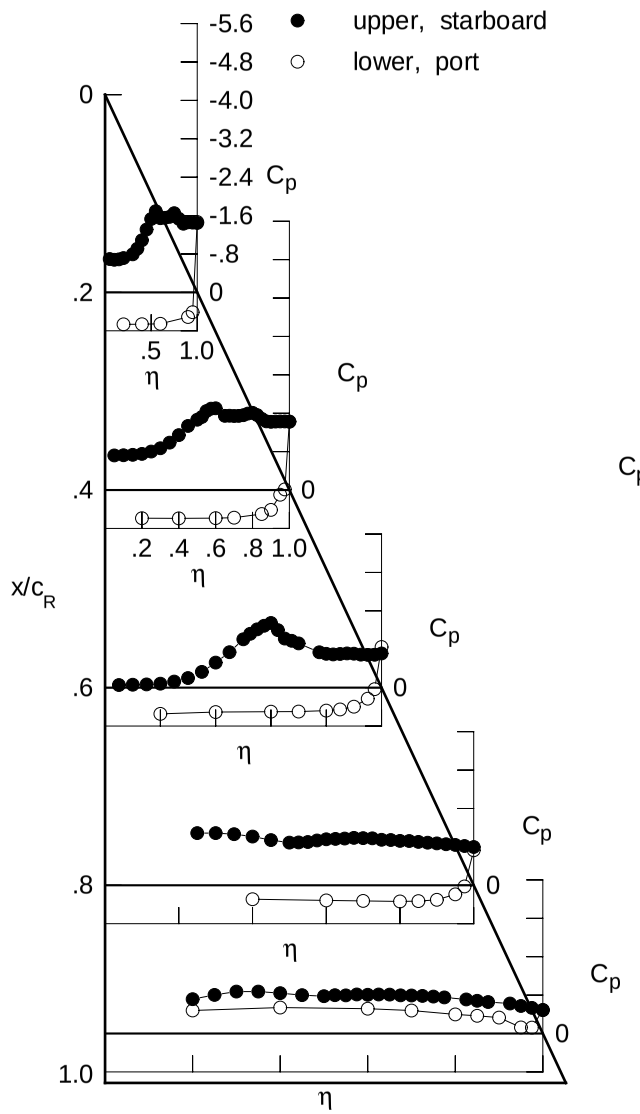


x/c_R	starb'd C_p	port C_p
0.10	-1.2650	*******
0.20	-1.3582	-1.3615
0.30	-1.3833	*******
0.40	-1.3717	-1.3714
0.50	-1.3081	*******
0.60	-0.6460	-0.6933
0.70	-0.6907	*******
0.80	-0.7651	-0.7638
0.90	-0.5972	*******
0.95	-0.4599	-0.4670

Table C5. 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	-0.6955	-0.7209	-0.0543	*******	*******
0.100	-0.6788	-0.7250	-0.0608	*******	*******
0.150	-0.6883	-0.7338	-0.0669	*******	*******
0.200	-0.7148	-0.7532	-0.0826	*******	-0.7155
0.250	*******	-0.8017	-0.1263	-1.0873	-0.8043
0.300	-0.7931	-0.8706	-0.1998	-1.0869	-0.8733
0.350	-0.9095	-0.9873	-0.3276	-1.0650	-0.8734
0.400	-1.0867	-1.1440	-0.5215	-1.0155	-0.8409
0.450	-1.3095	-1.3351	-0.7383	-0.9416	-0.7991
0.500	-1.5292	-1.4645	-1.0073	-0.8886	-0.7774
0.525	*******	-1.5216	-1.1213	-0.8928	-0.7988
0.550	-1.6922	-1.6453	-1.2144	-0.9019	-0.7942
0.575	*******	-1.6951	-1.2884	-0.9333	-0.8133
0.600	-1.5453	-1.7033	-1.3476	-0.9583	-0.8072
0.625	*******	*******	-1.1985	-0.9664	-0.8131
0.650	-1.5538	-1.5456	-1.0224	-0.9740	-0.8105
0.675	*******	-1.5481	-0.9759	-0.9882	-0.7949
0.700	-1.5740	-1.5424	-0.9218	-0.9824	-0.7917
0.725	*******	-1.5450	*******	-0.9786	-0.7836
0.750	-1.6501	-1.5593	*******	-0.9478	-0.7698
0.775	*******	-1.5930	-0.7368	-0.9431	-0.7520
0.800	-1.5345	-1.6092	-0.7048	-0.9248	*******
0.825	*******	-1.5619	-0.6922	-0.9223	-0.7096
0.850	-1.4308	-1.4832	-0.7016	-0.9040	-0.6814
0.875	*******	-1.4304	-0.7125	-0.8874	-0.6561
0.900	-1.4600	-1.4207	-0.7069	-0.8727	*******
0.925	*******	-1.4263	-0.6871	-0.8548	-0.6244
0.950	-1.4534	-1.4289	-0.6823	-0.8408	-0.5737
0.975	*******	-1.4292	-0.6845	-0.8181	-0.5345
1.000	-1.4460	-1.4270	-0.7121	-0.7976	-0.4869
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6659	0.5869	0.5464	*******	-0.4797
-0.400	0.6631	0.5904	0.5085	0.2904	-0.5408
-0.600	0.6543	0.5855	0.5012	0.3152	-0.5167
-0.700	*******	0.5760	0.4985	0.3257	-0.4786
-0.800	*******	*******	0.4788	0.3366	-0.3979
-0.850	*******	0.4996	0.4546	0.3298	-0.3687
-0.900	0.5129	0.4139	0.3971	0.3022	-0.3318
-0.950	0.4126	0.0975	0.2300	0.1887	-0.1260
-0.975	*******	-0.0137	0.0322	0.0239	-0.1233
-1.000	-1.4668	-1.4229	-0.8467	-0.7295	-0.4910

Surface Pressures



Small Radius L.E.

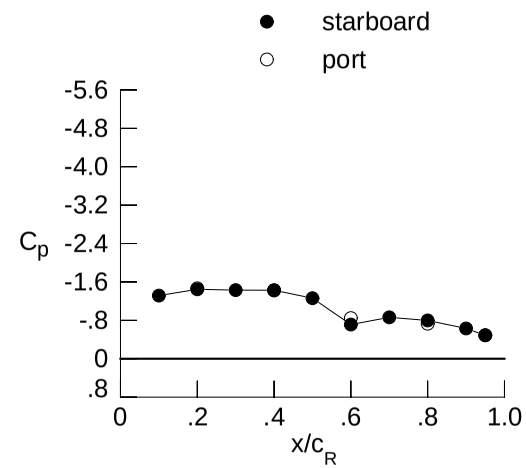
Run No. = 52 , Point No. = 1135

C_N = 1.184, C_m = -0.1801

α = 26.5 °, M_∞ = 0.850

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

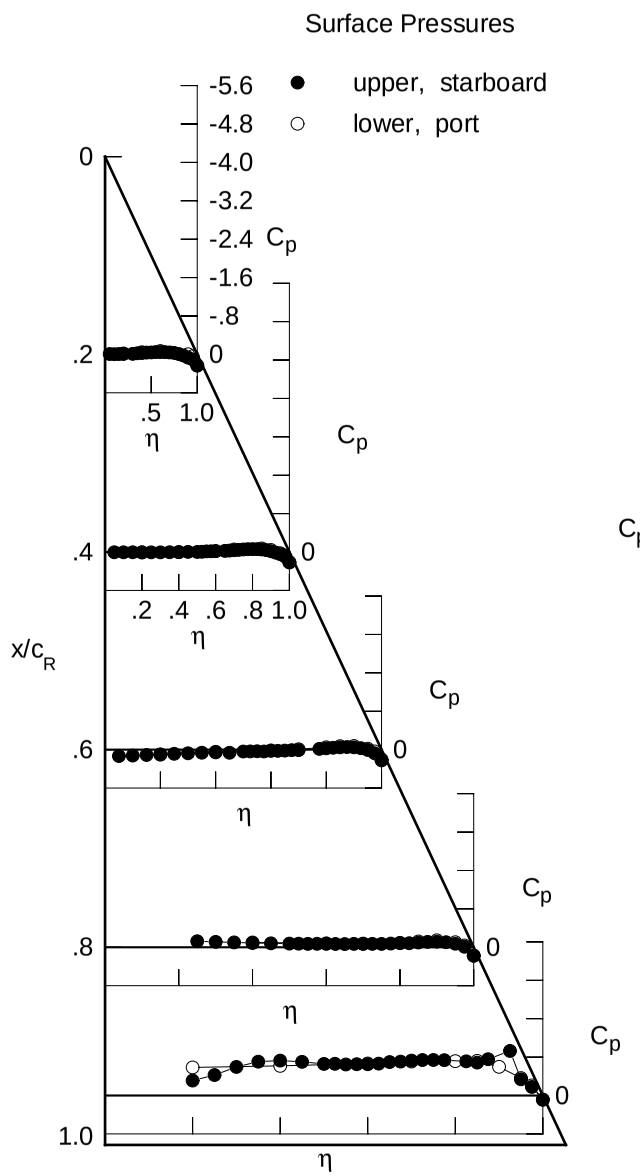
Leading Edge Pressures



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

Table C5. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0082	0.0046	0.1337	*******	*******
0.100	-0.0044	0.0057	0.1236	*******	*******
0.150	-0.0073	0.0048	0.1114	*******	*******
0.200	-0.0094	0.0100	0.0996	*******	-0.3113
0.250	*******	0.0060	0.0863	-0.1257	-0.4261
0.300	-0.0109	0.0061	0.0764	-0.1129	-0.5952
0.350	-0.0234	0.0036	0.0641	-0.1012	-0.7050
0.400	-0.0290	0.0027	0.0570	-0.0897	-0.7275
0.450	-0.0377	-0.0028	0.0644	-0.0825	-0.7020
0.500	-0.0411	-0.0013	0.0391	-0.0764	-0.6582
0.525	*******	-0.0053	0.0367	-0.0756	-0.6608
0.550	-0.0477	-0.0135	0.0335	-0.0712	-0.6462
0.575	*******	-0.0151	0.0388	-0.0732	-0.6523
0.600	-0.0491	-0.0182	0.0241	-0.0722	-0.6523
0.625	*******	*******	0.0250	-0.0693	-0.6641
0.650	-0.0476	-0.0241	0.0201	-0.0675	-0.6967
0.675	*******	-0.0302	0.0113	-0.0714	-0.7064
0.700	-0.0405	-0.0381	0.0094	-0.0703	-0.7269
0.725	*******	-0.0446	*******	-0.0715	-0.7393
0.750	-0.0307	-0.0539	*******	-0.0708	-0.7399
0.775	*******	-0.0589	-0.0164	-0.0777	-0.7359
0.800	-0.0074	-0.0602	-0.0275	-0.0856	*******
0.825	*******	-0.0602	-0.0394	-0.0851	-0.7121
0.850	0.0235	-0.0533	-0.0481	-0.0989	-0.6854
0.875	*******	-0.0400	-0.0534	-0.1124	-0.7562
0.900	0.0670	-0.0178	-0.0480	-0.1168	*******
0.925	*******	0.0129	-0.0303	-0.1054	-0.9292
0.950	0.1056	0.0438	0.0065	-0.0744	-0.3375
0.975	*******	0.0896	0.0761	-0.0112	-0.1786
1.000	0.2348	0.2161	0.2243	0.1766	0.0839
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0180	0.0038	0.1027	*******	-0.5849
-0.400	-0.0452	0.0008	0.0445	-0.1003	-0.6178
-0.600	-0.0696	-0.0197	0.0167	-0.0820	-0.6662
-0.700	*******	-0.0524	-0.0080	-0.0768	-0.7081
-0.800	*******	*******	-0.0488	-0.0927	-0.7163
-0.850	*******	-0.0746	-0.0719	-0.1206	-0.7225
-0.900	-0.0025	-0.0436	-0.0764	-0.1459	-0.5977
-0.950	0.0377	0.0249	-0.0192	-0.1057	-0.3631
-0.975	*******	0.0726	0.0375	-0.0372	-0.2101
-1.000	0.2247	0.2138	0.2044	0.1711	0.0890



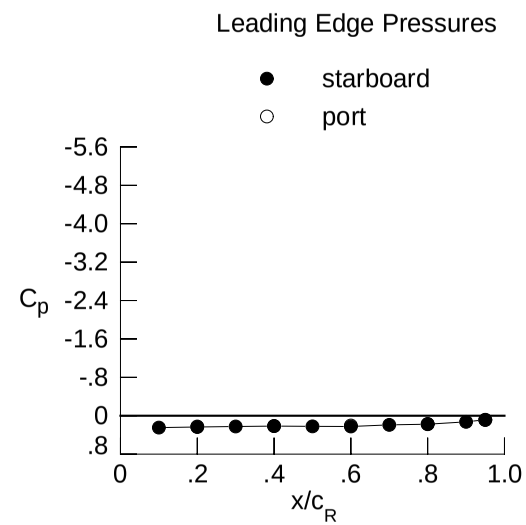
Small Radius L.E.

Run No. = 52 , Point No. = 1136

C_N = -0.007, C_m = -0.0016

α = -0.3 °, M_∞ = 0.848

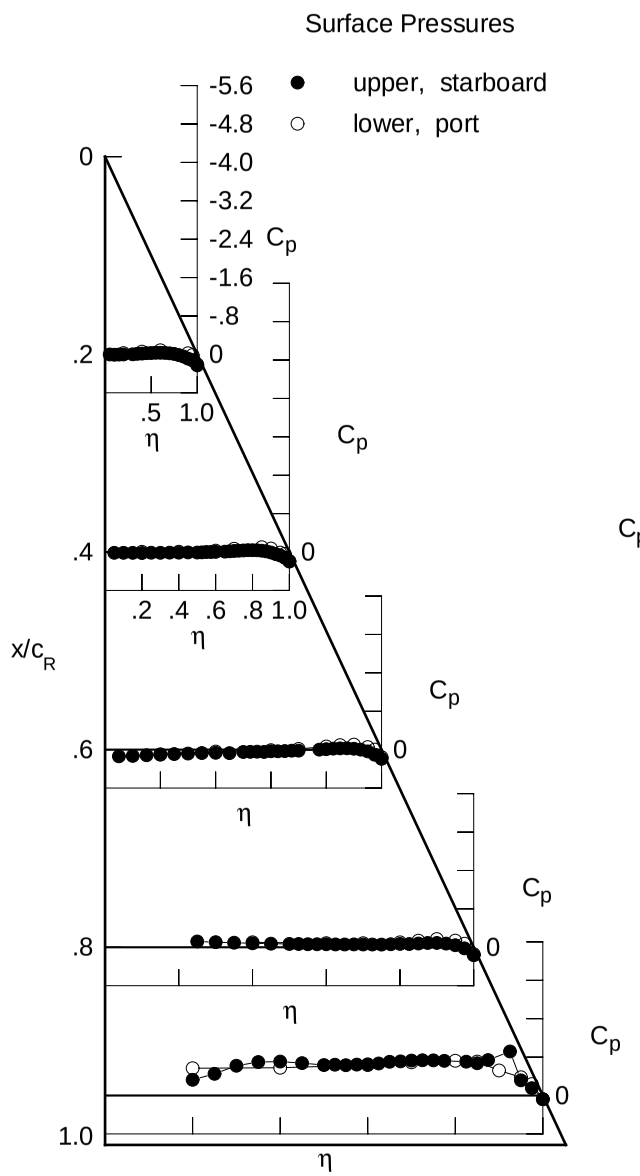
R_{mac} = 60.6×10^6



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

Table C6. Tabulations and Plots of Surface Pressure Coefficients.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	0.0015	0.0162	0.1395	*******	*******
0.100	0.0069	0.0163	0.1301	*******	*******
0.150	0.0043	0.0169	0.1171	*******	*******
0.200	0.0015	0.0206	0.1050	*******	-0.3272
0.250	*******	0.0142	0.0918	-0.1204	-0.4519
0.300	-0.0014	0.0157	0.0819	-0.1060	-0.6197
0.350	-0.0121	0.0127	0.0714	-0.0948	-0.6975
0.400	-0.0164	0.0126	0.0653	-0.0829	-0.7071
0.450	-0.0245	0.0078	0.0731	-0.0753	-0.6748
0.500	-0.0278	0.0101	0.0486	-0.0697	-0.6346
0.525	*******	0.0061	0.0458	-0.0684	-0.6414
0.550	-0.0337	-0.0007	0.0426	-0.0638	-0.6314
0.575	*******	-0.0008	0.0481	-0.0633	-0.6437
0.600	-0.0333	-0.0037	0.0334	-0.0633	-0.6499
0.625	*******	*******	0.0348	-0.0591	-0.6674
0.650	-0.0310	-0.0083	0.0294	-0.0583	-0.7022
0.675	*******	-0.0149	0.0218	-0.0601	-0.7113
0.700	-0.0221	-0.0221	0.0204	-0.0587	-0.7284
0.725	*******	-0.0273	*******	-0.0577	-0.7344
0.750	-0.0098	-0.0332	*******	-0.0563	-0.7318
0.775	*******	-0.0383	0.0003	-0.0636	-0.7227
0.800	0.0143	-0.0379	-0.0092	-0.0701	*******
0.825	*******	-0.0361	-0.0206	-0.0684	-0.7044
0.850	0.0439	-0.0279	-0.0264	-0.0784	-0.6724
0.875	*******	-0.0136	-0.0282	-0.0893	-0.7385
0.900	0.0878	0.0096	-0.0190	-0.0900	*******
0.925	*******	0.0418	-0.0002	-0.0764	-0.9173
0.950	0.1264	0.0714	0.0362	-0.0432	-0.3164
0.975	*******	0.1191	0.1054	0.0225	-0.1524
1.000	0.2288	0.1986	0.1916	0.1653	0.0758
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0266	-0.0044	0.0973	*******	-0.5685
-0.400	-0.0579	-0.0067	0.0398	-0.1038	-0.5784
-0.600	-0.0855	-0.0287	0.0110	-0.0858	-0.6348
-0.700	*******	-0.0683	-0.0151	-0.0845	-0.6923
-0.800	*******	*******	-0.0652	-0.1035	-0.7241
-0.850	*******	-0.1000	-0.0935	-0.1378	-0.7069
-0.900	-0.0242	-0.0728	-0.1045	-0.1711	-0.5214
-0.950	0.0127	0.0112	-0.0536	-0.1392	-0.3809
-0.975	*******	0.0377	-0.0010	-0.0745	-0.2379
-1.000	0.2091	0.1878	0.1568	0.1412	0.0782



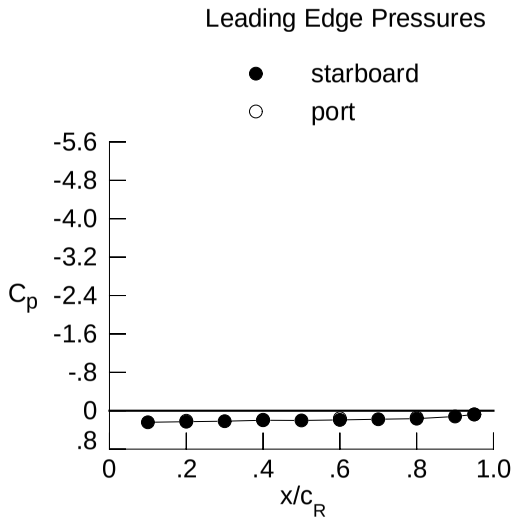
Small Radius L.E.

Run No. = 51 , Point No. = 1093

C_N = -0.031, C_m = 0.0042

α = -0.8 °, M_∞ = 0.850

$R_{mac} = 72.3 \times 10^6$

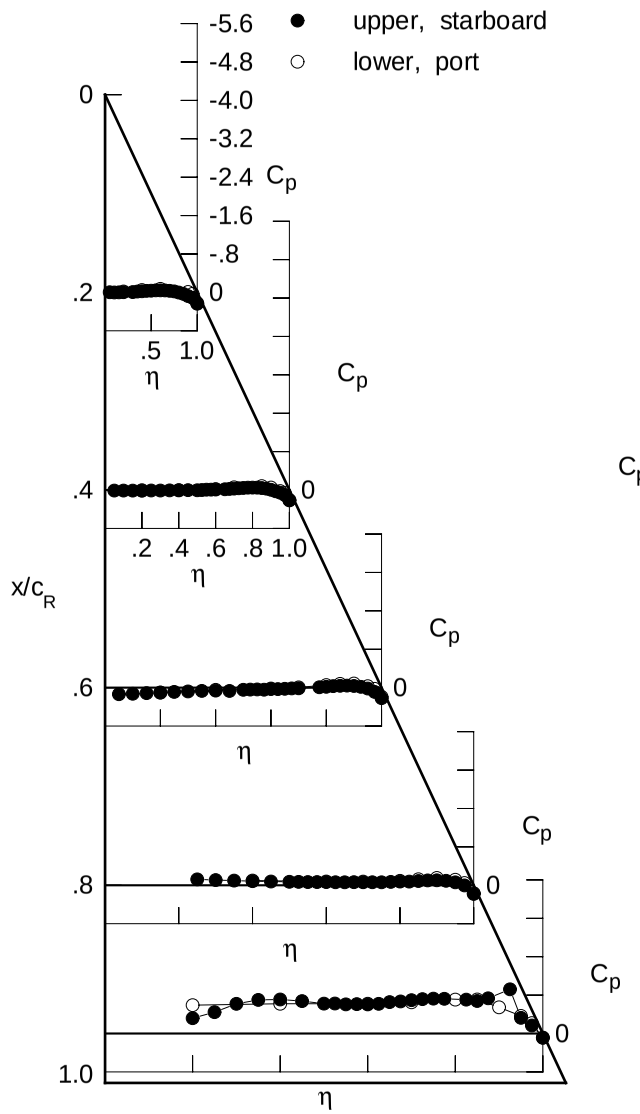


x/c_R	starb'd C_p	port C_p
0.10	0.2407	*******
0.20	0.2288	0.2091
0.30	0.2181	*******
0.40	0.1986	0.1878
0.50	0.2026	*******
0.60	0.1916	0.1568
0.70	0.1774	*******
0.80	0.1653	0.1412
0.90	0.1202	*******
0.95	0.0758	0.0782

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0033	0.0112	0.1369	*******	*******
0.100	0.0016	0.0112	0.1270	*******	*******
0.150	-0.0012	0.0120	0.1142	*******	*******
0.200	-0.0042	0.0151	0.1025	*******	-0.3192
0.250	*******	0.0096	0.0887	-0.1233	-0.4446
0.300	-0.0068	0.0103	0.0791	-0.1092	-0.6186
0.350	-0.0180	0.0075	0.0683	-0.0975	-0.6999
0.400	-0.0231	0.0071	0.0613	-0.0857	-0.7087
0.450	-0.0320	0.0026	0.0686	-0.0784	-0.6748
0.500	-0.0354	0.0047	0.0444	-0.0727	-0.6220
0.525	*******	-0.0001	0.0411	-0.0715	-0.6249
0.550	-0.0423	-0.0070	0.0377	-0.0669	-0.6074
0.575	*******	-0.0078	0.0434	-0.0672	-0.6117
0.600	-0.0426	-0.0104	0.0284	-0.0674	-0.6064
0.625	*******	*******	0.0303	-0.0631	-0.6187
0.650	-0.0405	-0.0160	0.0239	-0.0622	-0.6544
0.675	*******	-0.0232	0.0157	-0.0651	-0.6680
0.700	-0.0325	-0.0300	0.0138	-0.0635	-0.6941
0.725	*******	-0.0368	*******	-0.0630	-0.7161
0.750	-0.0208	-0.0433	*******	-0.0622	-0.7263
0.775	*******	-0.0498	-0.0079	-0.0702	-0.7234
0.800	0.0033	-0.0500	-0.0178	-0.0778	*******
0.825	*******	-0.0498	-0.0311	-0.0767	-0.7055
0.850	0.0313	-0.0415	-0.0385	-0.0889	-0.6777
0.875	*******	-0.0287	-0.0424	-0.1016	-0.7338
0.900	0.0761	-0.0052	-0.0351	-0.1041	*******
0.925	*******	0.0259	-0.0165	-0.0933	-0.9205
0.950	0.1141	0.0551	0.0186	-0.0613	-0.3263
0.975	*******	0.1034	0.0885	0.0033	-0.1671
1.000	0.2360	0.2155	0.2190	0.1800	0.0856
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0184	0.0030	0.1032	*******	-0.5906
-0.400	-0.0485	0.0017	0.0458	-0.0986	-0.6202
-0.600	-0.0735	-0.0190	0.0185	-0.0783	-0.6202
-0.700	*******	-0.0569	-0.0055	-0.0770	-0.6507
-0.800	*******	*******	-0.0532	-0.0931	-0.7063
-0.850	*******	-0.0818	-0.0788	-0.1253	-0.7091
-0.900	-0.0087	-0.0524	-0.0853	-0.1531	-0.5453
-0.950	0.0294	0.0214	-0.0304	-0.1155	-0.3665
-0.975	*******	0.0617	0.0247	-0.0475	-0.2168
-1.000	0.2216	0.2076	0.1909	0.1646	0.0890

Surface Pressures



Small Radius L.E.

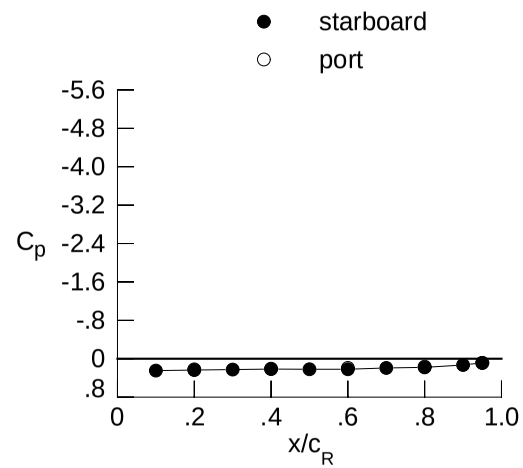
Run No. = 51 , Point No. = 1094

C_N = -0.016, C_m = 0.0013

α = -0.5 °, M_∞ = 0.850

R_{mac} = 72.2×10^6

Leading Edge Pressures

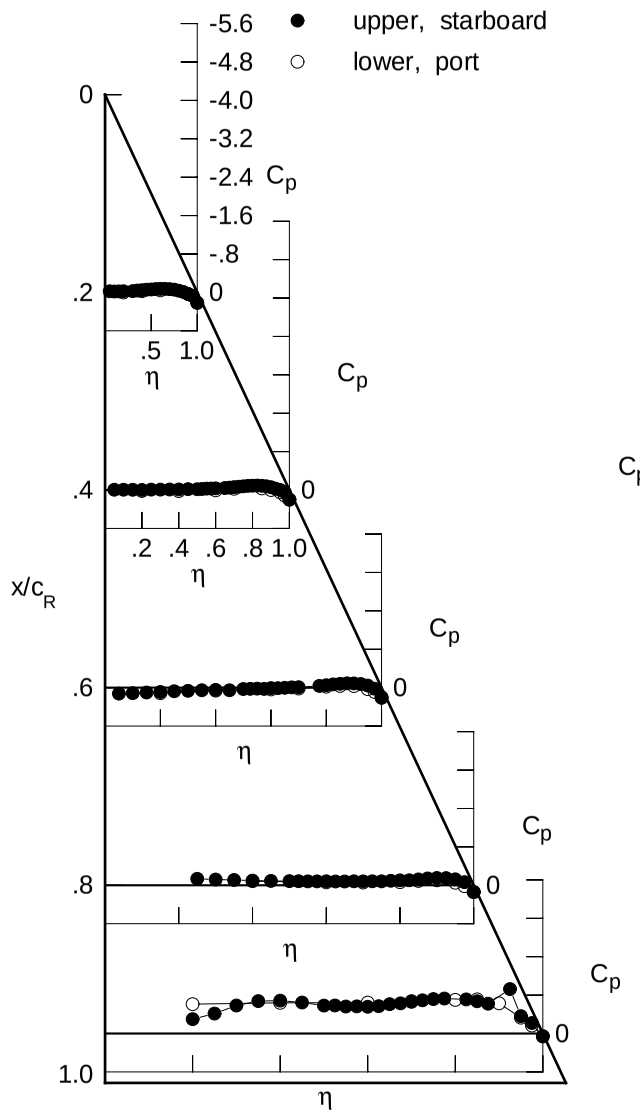


x/c_R	starb'd C_p	port C_p
0.10	0.2475	*******
0.20	0.2360	0.2216
0.30	0.2257	*******
0.40	0.2155	0.2076
0.50	0.2194	*******
0.60	0.2190	0.1909
0.70	0.1923	*******
0.80	0.1800	0.1646
0.90	0.1305	*******
0.95	0.0856	0.0890

Table C6. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0234	-0.0065	0.1248	*******	*******
0.100	-0.0184	-0.0063	0.1155	*******	*******
0.150	-0.0209	-0.0056	0.1019	*******	*******
0.200	-0.0242	-0.0027	0.0904	*******	-0.2989
0.250	*******	-0.0085	0.0755	-0.1352	-0.4149
0.300	-0.0260	-0.0085	0.0659	-0.1202	-0.5828
0.350	-0.0393	-0.0115	0.0543	-0.1101	-0.6753
0.400	-0.0459	-0.0121	0.0467	-0.0979	-0.6851
0.450	-0.0560	-0.0182	0.0543	-0.0912	-0.6458
0.500	-0.0610	-0.0169	0.0285	-0.0861	-0.5815
0.525	*******	-0.0213	0.0250	-0.0850	-0.5839
0.550	-0.0698	-0.0294	0.0207	-0.0812	-0.5622
0.575	*******	-0.0313	0.0261	-0.0818	-0.5660
0.600	-0.0725	-0.0349	0.0097	-0.0830	-0.5579
0.625	*******	*******	0.0110	-0.0793	-0.5692
0.650	-0.0730	-0.0418	0.0035	-0.0793	-0.6111
0.675	*******	-0.0507	-0.0053	-0.0831	-0.6290
0.700	-0.0674	-0.0598	-0.0089	-0.0813	-0.6597
0.725	*******	-0.0687	*******	-0.0834	-0.6923
0.750	-0.0575	-0.0778	*******	-0.0825	-0.7176
0.775	*******	-0.0868	-0.0362	-0.0945	-0.7286
0.800	-0.0355	-0.0906	-0.0502	-0.1030	*******
0.825	*******	-0.0936	-0.0677	-0.1045	-0.7100
0.850	-0.0086	-0.0890	-0.0803	-0.1224	-0.6719
0.875	*******	-0.0782	-0.0901	-0.1423	-0.6212
0.900	0.0338	-0.0581	-0.0883	-0.1523	*******
0.925	*******	-0.0286	-0.0752	-0.1496	-0.9253
0.950	0.0702	-0.0020	-0.0442	-0.1245	-0.3617
0.975	*******	0.0434	0.0218	-0.0655	-0.2188
1.000	0.2173	0.1952	0.2126	0.1373	0.0614
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0016	0.0203	0.1162	*******	-0.6122
-0.400	-0.0246	0.0213	0.0621	-0.0859	-0.6391
-0.600	-0.0427	0.0060	0.0373	-0.0619	-0.6443
-0.700	*******	-0.0261	0.0183	-0.0575	-0.6746
-0.800	*******	*******	-0.0196	-0.0651	-0.7011
-0.850	*******	-0.0347	-0.0364	-0.0905	-0.7114
-0.900	0.0324	0.0002	-0.0325	-0.1043	-0.6289
-0.950	0.0719	0.0473	0.0316	-0.0530	-0.3293
-0.975	*******	0.1185	0.0902	0.0182	-0.1663
-1.000	0.2157	0.2012	0.1976	0.1440	0.0543

Surface Pressures



Small Radius L.E.

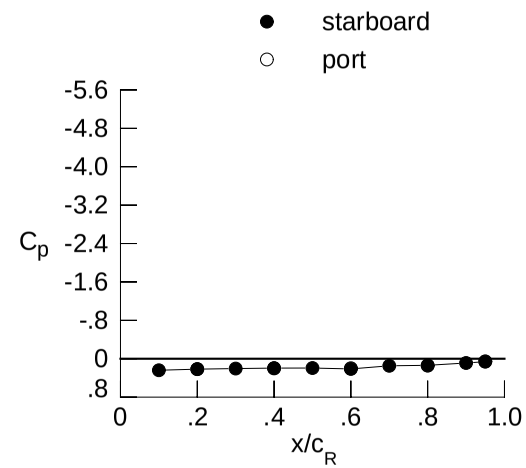
Run No. = 51 , Point No. = 1095

C_N = 0.025, C_m = -0.0057

α = 0.6 °, M_∞ = 0.850

R_{mac} = 72.3×10^6

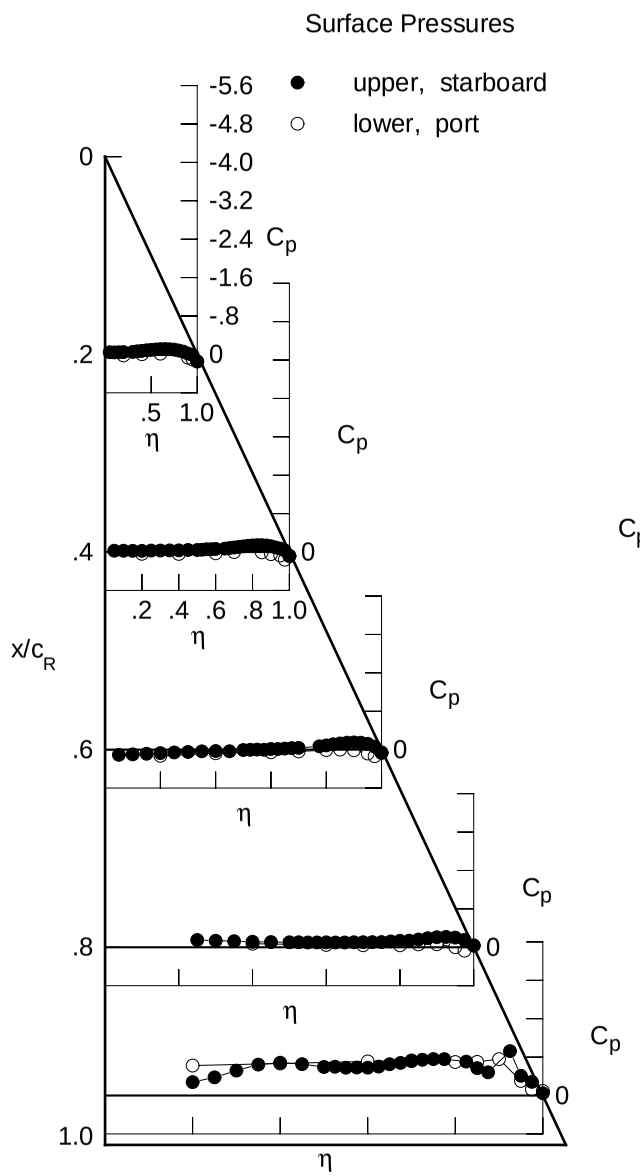
Leading Edge Pressures



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

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0445	-0.0270	0.1082	*******	*******
0.100	-0.0416	-0.0274	0.0982	*******	*******
0.150	-0.0450	-0.0258	0.0855	*******	*******
0.200	-0.0481	-0.0247	0.0728	*******	-0.2789
0.250	*******	-0.0305	0.0583	-0.1516	-0.3783
0.300	-0.0503	-0.0313	0.0480	-0.1371	-0.5192
0.350	-0.0649	-0.0344	0.0354	-0.1267	-0.6437
0.400	-0.0728	-0.0354	0.0289	-0.1149	-0.6832
0.450	-0.0852	-0.0435	0.0340	-0.1087	-0.6539
0.500	-0.0928	-0.0424	0.0078	-0.1040	-0.5946
0.525	*******	-0.0480	0.0033	-0.1044	-0.5991
0.550	-0.1031	-0.0572	-0.0010	-0.0997	-0.5795
0.575	*******	-0.0594	0.0031	-0.1008	-0.5833
0.600	-0.1086	-0.0639	-0.0136	-0.1032	-0.5802
0.625	*******	*******	-0.0129	-0.0994	-0.6020
0.650	-0.1112	-0.0709	-0.0216	-0.1002	-0.6511
0.675	*******	-0.0829	-0.0317	-0.1052	-0.6789
0.700	-0.1073	-0.0943	-0.0356	-0.1054	-0.7153
0.725	*******	-0.1064	*******	-0.1069	-0.7445
0.750	-0.1000	-0.1182	*******	-0.1092	-0.7595
0.775	*******	-0.1300	-0.0699	-0.1215	-0.7579
0.800	-0.0806	-0.1381	-0.0880	-0.1356	*******
0.825	*******	-0.1441	-0.1109	-0.1383	-0.7060
0.850	-0.0576	-0.1436	-0.1288	-0.1619	-0.5706
0.875	*******	-0.1367	-0.1458	-0.1886	-0.4833
0.900	-0.0175	-0.1216	-0.1503	-0.2094	*******
0.925	*******	-0.0953	-0.1446	-0.2157	-0.9248
0.950	0.0139	-0.0732	-0.1219	-0.2014	-0.4101
0.975	*******	-0.0340	-0.0631	-0.1543	-0.2845
1.000	0.1469	0.0764	0.0696	-0.0349	-0.0461
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0214	0.0370	0.1291	*******	-0.6243
-0.400	-0.0034	0.0393	0.0750	-0.0744	-0.6668
-0.600	-0.0152	0.0266	0.0541	-0.0488	-0.7097
-0.700	*******	0.0001	0.0380	-0.0421	-0.7313
-0.800	*******	*******	0.0087	-0.0413	-0.6978
-0.850	*******	0.0062	-0.0011	-0.0611	-0.7010
-0.900	0.0683	0.0442	0.0125	-0.0633	-0.7586
-0.950	0.1073	0.0712	0.0798	-0.0028	-0.3029
-0.975	*******	0.1602	0.1367	0.0704	-0.1275
-1.000	0.1475	0.0872	0.0570	-0.0385	-0.0953



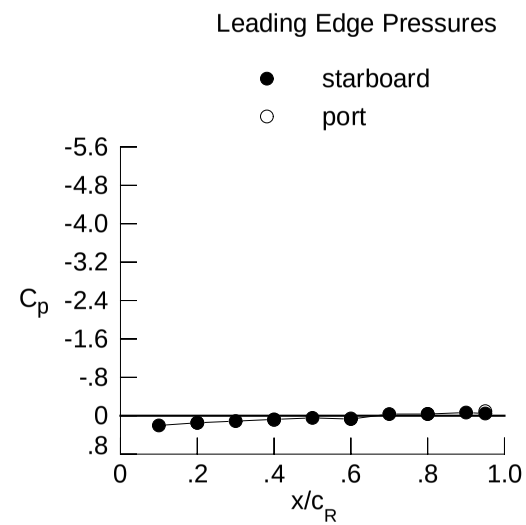
Small Radius L.E.

Run No. = 51 , Point No. = 1096

C_N = 0.067, C_m = -0.0121

α = 1.7 °, M_∞ = 0.849

R_{mac} = 72.2×10^6

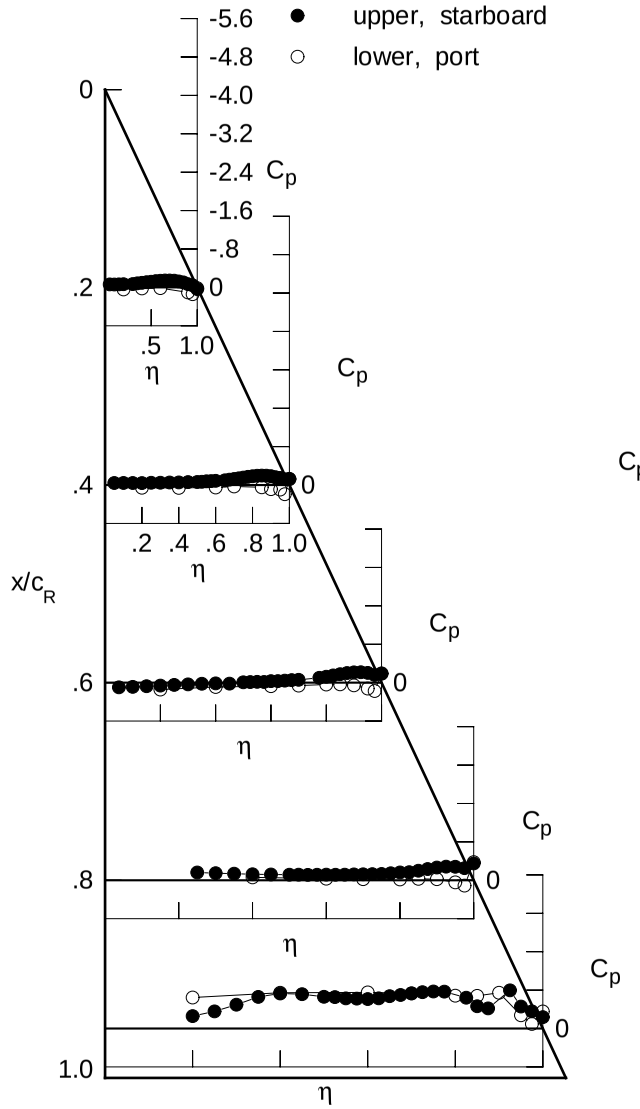


x/c_R	starb'd C_p	port C_p
0.10	0.2024	*******
0.20	0.1469	0.1475
0.30	0.1124	*******
0.40	0.0764	0.0872
0.50	0.0451	*******
0.60	0.0696	0.0570
0.70	-0.0343	*******
0.80	-0.0349	-0.0385
0.90	-0.0663	*******
0.95	-0.0461	-0.0953

Table C6. Continued.

η	x/c_R .2 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	-0.0626	-0.0427	0.0977	*******	*******
0.100	-0.0598	-0.0435	0.0877	*******	*******
0.150	-0.0633	-0.0426	0.0746	*******	*******
0.200	-0.0668	-0.0405	0.0615	*******	-0.2588
0.250	*******	-0.0472	0.0473	-0.1624	-0.3570
0.300	-0.0688	-0.0479	0.0363	-0.1478	-0.4959
0.350	-0.0849	-0.0525	0.0233	-0.1375	-0.6586
0.400	-0.0950	-0.0548	0.0154	-0.1257	-0.7296
0.450	-0.1082	-0.0618	0.0205	-0.1208	-0.7151
0.500	-0.1180	-0.0632	-0.0069	-0.1162	-0.6607
0.525	*******	-0.0676	-0.0118	-0.1169	-0.6546
0.550	-0.1305	-0.0783	-0.0165	-0.1131	-0.6280
0.575	*******	-0.0818	-0.0139	-0.1150	-0.6221
0.600	-0.1385	-0.0881	-0.0313	-0.1172	-0.6133
0.625	*******	*******	-0.0318	-0.1154	-0.6290
0.650	-0.1440	-0.0982	-0.0415	-0.1171	-0.6737
0.675	*******	-0.1123	-0.0530	-0.1227	-0.6986
0.700	-0.1437	-0.1259	-0.0589	-0.1246	-0.7323
0.725	*******	-0.1402	*******	-0.1276	-0.7572
0.750	-0.1402	-0.1549	*******	-0.1319	-0.7711
0.775	*******	-0.1713	-0.1006	-0.1465	-0.7680
0.800	-0.1241	-0.1834	-0.1230	-0.1631	*******
0.825	*******	-0.1933	-0.1503	-0.1691	-0.6414
0.850	-0.1036	-0.1972	-0.1759	-0.1996	-0.4642
0.875	*******	-0.1949	-0.1999	-0.2347	-0.4193
0.900	-0.0673	-0.1848	-0.2140	-0.2659	*******
0.925	*******	-0.1632	-0.2167	-0.2838	-0.7950
0.950	-0.0435	-0.1482	-0.2035	-0.2820	-0.4579
0.975	*******	-0.1209	-0.1592	-0.2526	-0.3574
1.000	0.0350	-0.1297	-0.1862	-0.3509	-0.2366
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.0425	0.0559	0.1437	*******	-0.6456
-0.400	0.0213	0.0591	0.0905	-0.0610	-0.7450
-0.600	0.0153	0.0513	0.0733	-0.0337	-0.7518
-0.700	*******	0.0295	0.0612	-0.0231	-0.7315
-0.800	*******	*******	0.0389	-0.0174	-0.6840
-0.850	*******	0.0470	0.0350	-0.0303	-0.6803
-0.900	0.1045	0.0860	0.0558	-0.0232	-0.7451
-0.950	0.1419	0.0941	0.1230	0.0432	-0.2756
-0.975	*******	0.1909	0.1744	0.1106	-0.0954
-1.000	0.0150	-0.1213	-0.1930	-0.3780	-0.3553

Surface Pressures



Small Radius L.E.

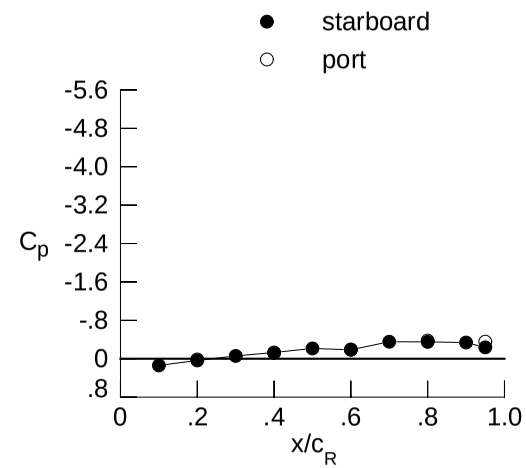
Run No. = 51 , Point No. = 1097

C_N = 0.110, C_m = -0.0200

α = 2.8 °, M_∞ = 0.849

R_{mac} = 72.1×10^6

Leading Edge Pressures

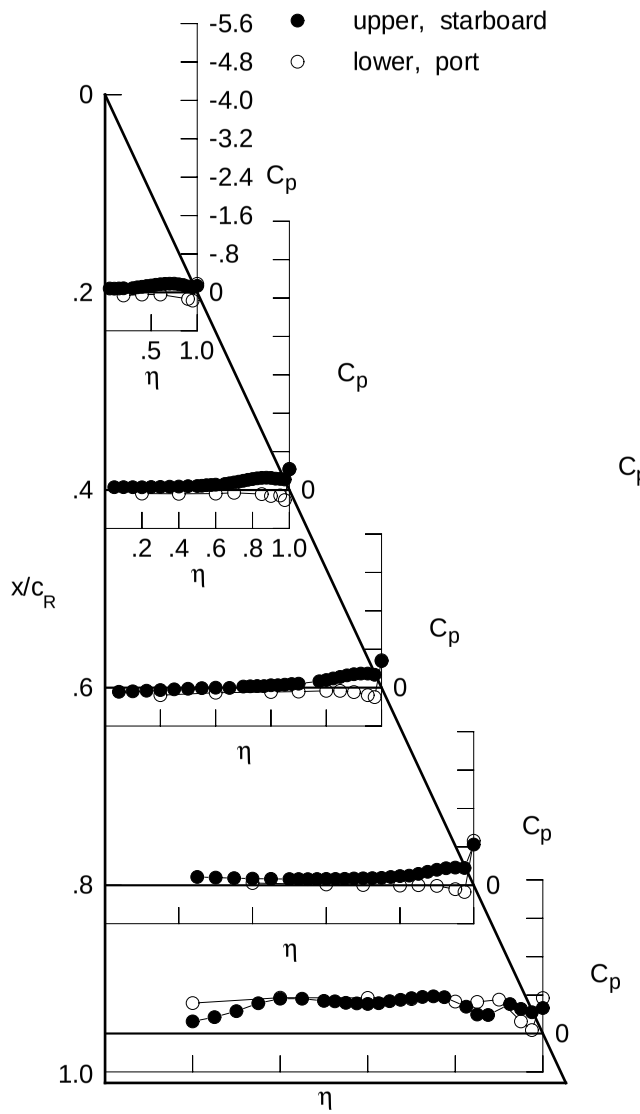


x/c_R	starb'd Cp	port Cp
0.10	0.1401	*******
0.20	0.0350	0.0150
0.30	-0.0587	*******
0.40	-0.1297	-0.1213
0.50	-0.2142	*******
0.60	-0.1862	-0.1930
0.70	-0.3540	*******
0.80	-0.3509	-0.3780
0.90	-0.3373	*******
0.95	-0.2366	-0.3553

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0806	-0.0589	0.0865	*******	*******
0.100	-0.0775	-0.0599	0.0771	*******	*******
0.150	-0.0814	-0.0591	0.0637	*******	*******
0.200	-0.0856	-0.0573	0.0500	*******	-0.2520
0.250	*******	-0.0635	0.0356	-0.1739	-0.3412
0.300	-0.0876	-0.0650	0.0235	-0.1597	-0.4658
0.350	-0.1052	-0.0700	0.0103	-0.1490	-0.6306
0.400	-0.1164	-0.0728	0.0011	-0.1385	-0.7255
0.450	-0.1318	-0.0809	0.0056	-0.1335	-0.7251
0.500	-0.1433	-0.0830	-0.0222	-0.1300	-0.6800
0.525	*******	-0.0887	-0.0279	-0.1299	-0.6700
0.550	-0.1587	-0.1011	-0.0334	-0.1279	-0.6392
0.575	*******	-0.1052	-0.0317	-0.1303	-0.6275
0.600	-0.1693	-0.1122	-0.0499	-0.1332	-0.6163
0.625	*******	*******	-0.0506	-0.1323	-0.6309
0.650	-0.1779	-0.1257	-0.0618	-0.1345	-0.6738
0.675	*******	-0.1408	-0.0749	-0.1412	-0.7018
0.700	-0.1812	-0.1575	-0.0826	-0.1445	-0.7368
0.725	*******	-0.1747	*******	-0.1491	-0.7618
0.750	-0.1814	-0.1927	*******	-0.1547	-0.7743
0.775	*******	-0.2126	-0.1325	-0.1727	-0.7572
0.800	-0.1685	-0.2288	-0.1585	-0.1919	*******
0.825	*******	-0.2442	-0.1916	-0.2005	-0.5587
0.850	-0.1529	-0.2537	-0.2234	-0.2378	-0.3953
0.875	*******	-0.2569	-0.2560	-0.2809	-0.3856
0.900	-0.1224	-0.2526	-0.2800	-0.3233	*******
0.925	*******	-0.2371	-0.2929	-0.3556	-0.6131
0.950	-0.1085	-0.2317	-0.2927	-0.3690	-0.5118
0.975	*******	-0.2197	-0.2683	-0.3611	-0.4432
1.000	-0.1363	-0.4289	-0.5536	-0.8487	-0.5316
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0637	0.0740	0.1571	*******	-0.6334
-0.400	0.0450	0.0782	0.1060	-0.0464	-0.7461
-0.600	0.0444	0.0744	0.0913	-0.0174	-0.7417
-0.700	*******	0.0574	0.0824	-0.0058	-0.7170
-0.800	*******	*******	0.0667	0.0061	-0.6656
-0.850	*******	0.0844	0.0675	-0.0022	-0.6573
-0.900	0.1361	0.1236	0.0927	0.0128	-0.7056
-0.950	0.1710	0.1125	0.1565	0.0812	-0.2517
-0.975	*******	0.2095	0.1976	0.1392	-0.0710
-1.000	-0.1787	-0.4413	-0.5707	-0.9268	-0.7381

Surface Pressures



Small Radius L.E.

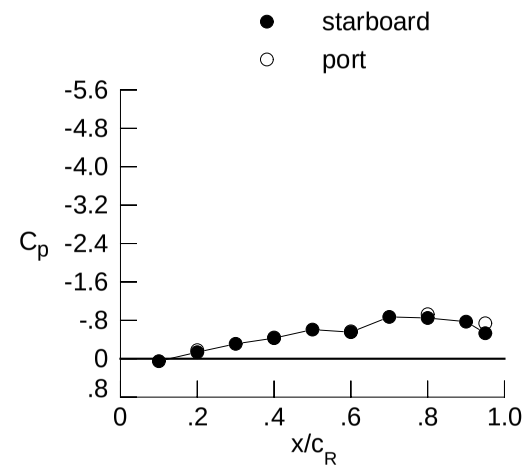
Run No. = 51 , Point No. = 1098

C_N = 0.149, C_m = -0.0249

α = 3.8 °, M_∞ = 0.851

R_{mac} = 72.3×10^6

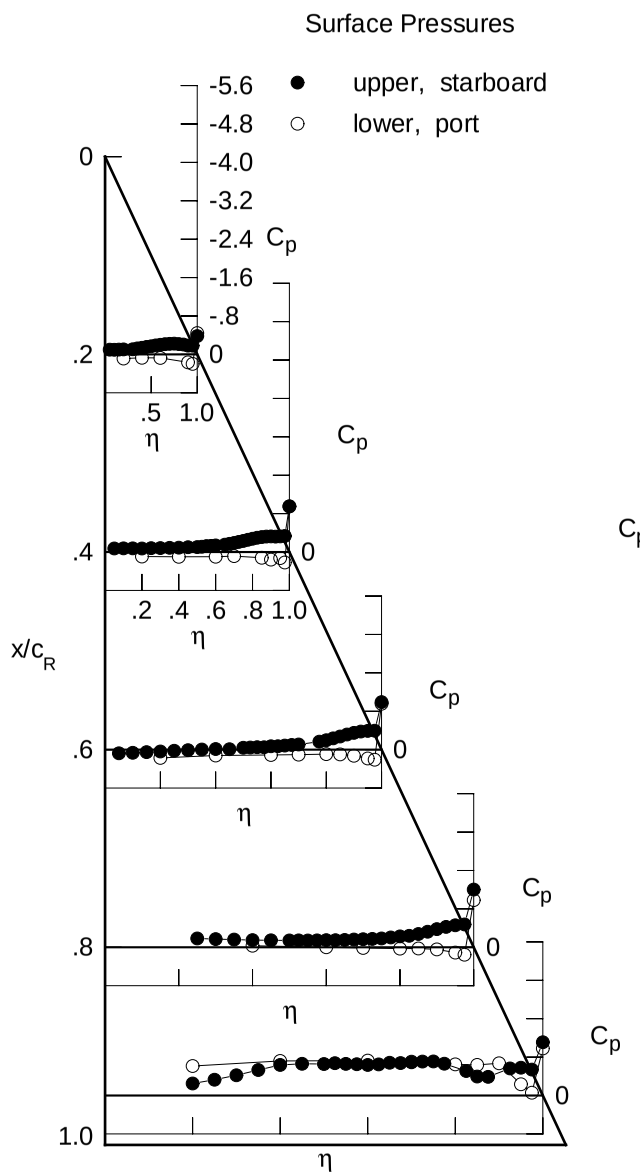
Leading Edge Pressures



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

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0983	-0.0742	0.0757	*******	*******
0.100	-0.0958	-0.0766	0.0654	*******	*******
0.150	-0.0996	-0.0764	0.0518	*******	*******
0.200	-0.1044	-0.0736	0.0385	*******	-0.2501
0.250	*******	-0.0805	0.0231	-0.1843	-0.3291
0.300	-0.1062	-0.0825	0.0110	-0.1701	-0.4219
0.350	-0.1252	-0.0881	-0.0024	-0.1609	-0.5309
0.400	-0.1379	-0.0913	-0.0128	-0.1495	-0.6366
0.450	-0.1552	-0.1005	-0.0084	-0.1458	-0.6610
0.500	-0.1690	-0.1033	-0.0390	-0.1426	-0.6563
0.525	*******	-0.1103	-0.0440	-0.1443	-0.6734
0.550	-0.1868	-0.1240	-0.0512	-0.1417	-0.6589
0.575	*******	-0.1278	-0.0498	-0.1443	-0.6524
0.600	-0.2004	-0.1373	-0.0703	-0.1486	-0.6366
0.625	*******	*******	-0.0712	-0.1482	-0.6480
0.650	-0.2127	-0.1533	-0.0845	-0.1528	-0.6824
0.675	*******	-0.1711	-0.0979	-0.1615	-0.6758
0.700	-0.2202	-0.1886	-0.1071	-0.1679	-0.6918
0.725	*******	-0.2103	*******	-0.1741	-0.7074
0.750	-0.2239	-0.2313	*******	-0.1840	-0.7097
0.775	*******	-0.2555	-0.1665	-0.2046	-0.6623
0.800	-0.2152	-0.2767	-0.1963	-0.2270	*******
0.825	*******	-0.2977	-0.2350	-0.2393	-0.5103
0.850	-0.2058	-0.3118	-0.2737	-0.2766	-0.3948
0.875	*******	-0.3228	-0.3150	-0.3240	-0.3891
0.900	-0.1827	-0.3258	-0.3497	-0.3787	*******
0.925	*******	-0.3205	-0.3764	-0.4248	-0.5643
0.950	-0.1817	-0.3257	-0.3907	-0.4582	-0.5791
0.975	*******	-0.3345	-0.3942	-0.4762	-0.5399
1.000	-0.3819	-0.9514	-0.9900	-1.2025	-1.1096
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0868	0.0938	0.1723	*******	-0.6141
-0.400	0.0705	0.0989	0.1224	-0.0325	-0.7202
-0.600	0.0735	0.0973	0.1109	-0.0004	-0.7269
-0.700	*******	0.0852	0.1042	0.0134	-0.7045
-0.800	*******	*******	0.0939	0.0282	-0.6488
-0.850	*******	0.1190	0.0990	0.0246	-0.6378
-0.900	0.1656	0.1574	0.1269	0.0443	-0.6714
-0.950	0.1974	0.1265	0.1840	0.1101	-0.2347
-0.975	*******	0.2178	0.2100	0.1548	-0.0581
-1.000	-0.4437	-0.9510	-0.9557	-0.9827	-0.9805



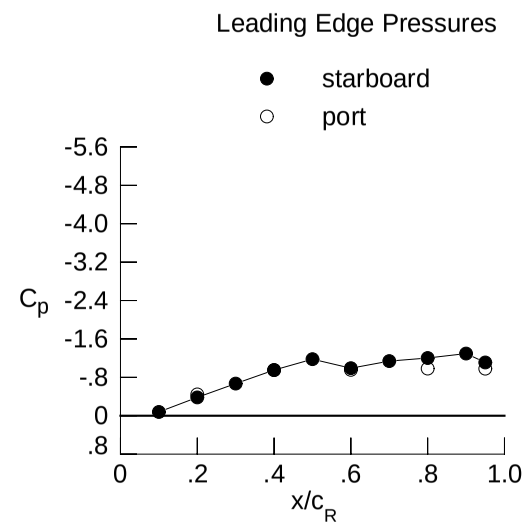
Small Radius L.E.

Run No. = 51 , Point No. = 1099

C_N = 0.194, C_m = -0.0335

α = 4.9 °, M_∞ = 0.849

$R_{mac} = 72.4 \times 10^6$

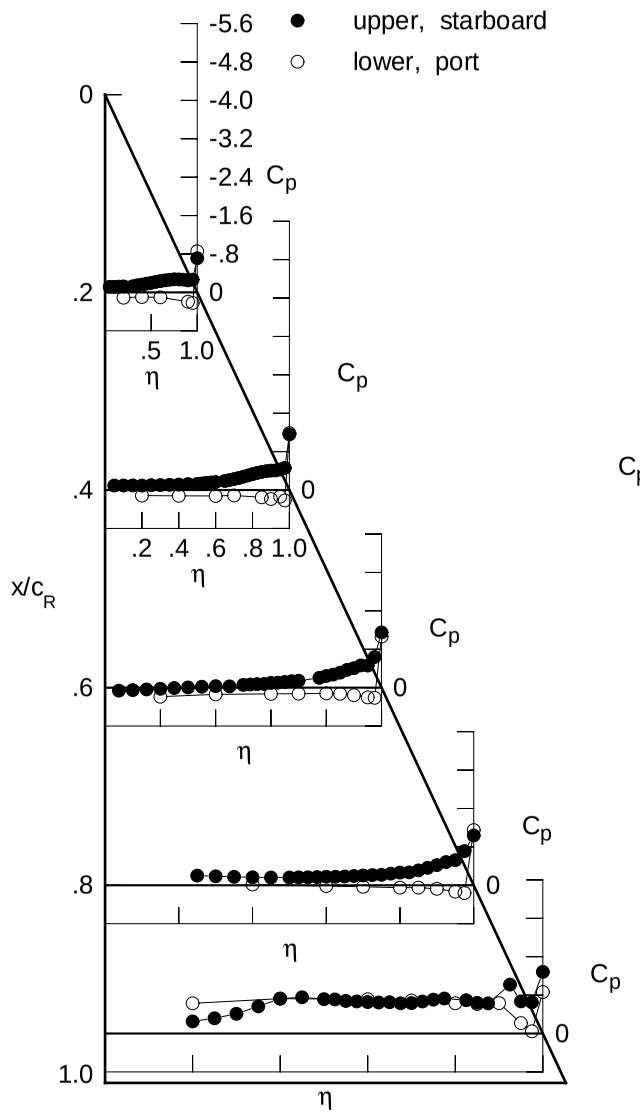


x/c_R	starb'd C_p	port C_p
0.10	-0.0785	*******
0.20	-0.3819	-0.4437
0.30	-0.6699	*******
0.40	-0.9514	-0.9510
0.50	-1.1783	*******
0.60	-0.9900	-0.9557
0.70	-1.1380	*******
0.80	-1.2025	-0.9827
0.90	-1.2950	*******
0.95	-1.1096	-0.9805

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1170	-0.0941	0.0624	*******	*******
0.100	-0.1144	-0.0953	0.0520	*******	*******
0.150	-0.1198	-0.0958	0.0377	*******	*******
0.200	-0.1244	-0.0926	0.0237	*******	-0.2520
0.250	*******	-0.1004	0.0082	-0.2019	-0.3177
0.300	-0.1271	-0.1031	-0.0043	-0.1873	-0.4114
0.350	-0.1476	-0.1096	-0.0188	-0.1769	-0.5651
0.400	-0.1626	-0.1135	-0.0301	-0.1663	-0.7277
0.450	-0.1814	-0.1241	-0.0262	-0.1619	-0.7544
0.500	-0.1974	-0.1277	-0.0579	-0.1624	-0.7152
0.525	*******	-0.1358	-0.0656	-0.1656	-0.7094
0.550	-0.2182	-0.1510	-0.0737	-0.1655	-0.6787
0.575	*******	-0.1565	-0.0756	-0.1708	-0.6691
0.600	-0.2352	-0.1665	-0.0992	-0.1774	-0.6560
0.625	*******	*******	-0.1029	-0.1780	-0.6467
0.650	-0.2513	-0.1876	-0.1180	-0.1835	-0.6517
0.675	*******	-0.2076	-0.1336	-0.1936	-0.6301
0.700	-0.2632	-0.2276	-0.1438	-0.2045	-0.6344
0.725	*******	-0.2506	*******	-0.2125	-0.6670
0.750	-0.2726	-0.2766	*******	-0.2188	-0.7055
0.775	*******	-0.3041	-0.2030	-0.2423	-0.7291
0.800	-0.2695	-0.3302	-0.2427	-0.2651	*******
0.825	*******	-0.3562	-0.2715	-0.2687	-0.6932
0.850	-0.2652	-0.3769	-0.3116	-0.3106	-0.6400
0.875	*******	-0.3934	-0.3694	-0.3640	-0.6275
0.900	-0.2505	-0.4045	-0.4055	-0.4204	*******
0.925	*******	-0.4086	-0.4632	-0.4837	-1.0186
0.950	-0.2664	-0.4280	-0.4592	-0.5228	-0.6694
0.975	*******	-0.4598	-0.6385	-0.7127	-0.6501
1.000	-0.7120	-1.1600	-1.1502	-1.0375	-1.2837
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1100	0.1153	0.1886	*******	-0.6289
-0.400	0.0960	0.1211	0.1398	-0.0171	-0.7259
-0.600	0.1031	0.1229	0.1298	0.0157	-0.7142
-0.700	*******	0.1128	0.1259	0.0311	-0.6874
-0.800	*******	*******	0.1203	0.0497	-0.6293
-0.850	*******	0.1518	0.1286	0.0490	-0.6149
-0.900	0.1936	0.1870	0.1568	0.0728	-0.6327
-0.950	0.2202	0.1356	0.2033	0.1320	-0.2169
-0.975	*******	0.2164	0.2119	0.1608	-0.0466
-1.000	-0.8559	-1.1858	-1.0634	-1.1507	-0.8642

Surface Pressures



Small Radius L.E.

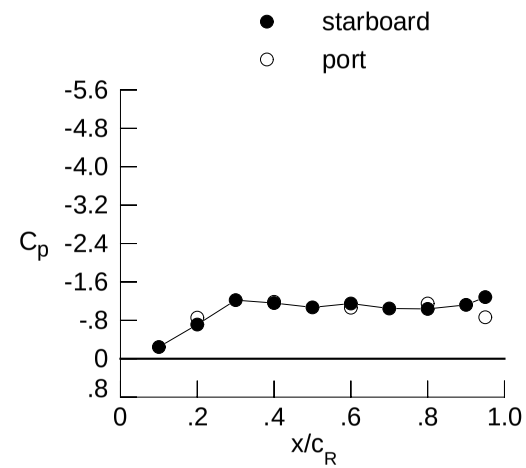
Run No. = 51 , Point No. = 1100

C_N = 0.246, C_m = -0.0447

α = 5.9 °, M_∞ = 0.850

R_{mac} = 72.4×10^6

Leading Edge Pressures

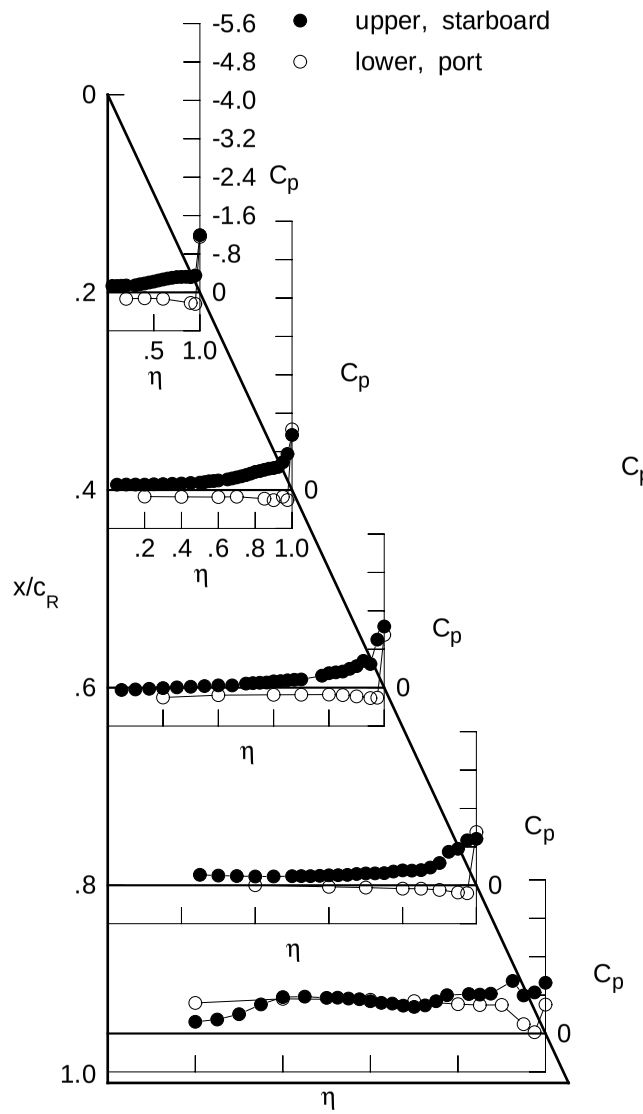


x/c_R	starb'd C_p	port C_p
0.10	-0.2443	*******
0.20	-0.7120	-0.8559
0.30	-1.2207	*******
0.40	-1.1600	-1.1858
0.50	-1.0697	*******
0.60	-1.1502	-1.0634
0.70	-1.0466	*******
0.80	-1.0375	-1.1507
0.90	-1.1221	*******
0.95	-1.2837	-0.8642

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1346	-0.1121	0.0482	*******	*******
0.100	-0.1329	-0.1142	0.0374	*******	*******
0.150	-0.1386	-0.1147	0.0240	*******	*******
0.200	-0.1436	-0.1130	0.0095	*******	-0.2441
0.250	*******	-0.1200	-0.0058	-0.2181	-0.2910
0.300	-0.1469	-0.1232	-0.0185	-0.2025	-0.4025
0.350	-0.1687	-0.1304	-0.0328	-0.1931	-0.6056
0.400	-0.1853	-0.1358	-0.0471	-0.1829	-0.7584
0.450	-0.2060	-0.1468	-0.0465	-0.1841	-0.7683
0.500	-0.2244	-0.1542	-0.0843	-0.1893	-0.7422
0.525	*******	-0.1638	-0.0938	-0.1908	-0.7465
0.550	-0.2482	-0.1822	-0.1017	-0.1905	-0.7283
0.575	*******	-0.1884	-0.1065	-0.1979	-0.7141
0.600	-0.2686	-0.1992	-0.1313	-0.2079	-0.6725
0.625	*******	*******	-0.1356	-0.2106	-0.6387
0.650	-0.2889	-0.2209	-0.1524	-0.2167	-0.6236
0.675	*******	-0.2416	-0.1640	-0.2351	-0.5801
0.700	-0.3051	-0.2632	-0.1705	-0.2464	-0.5540
0.725	*******	-0.2859	*******	-0.2483	-0.5859
0.750	-0.3194	-0.3114	*******	-0.2532	-0.6730
0.775	*******	-0.3416	-0.2490	-0.2860	-0.7985
0.800	-0.3221	-0.3769	-0.3007	-0.3104	*******
0.825	*******	-0.3952	-0.3182	-0.3056	-0.8223
0.850	-0.3246	-0.4213	-0.3352	-0.3160	-0.8106
0.875	*******	-0.4447	-0.3922	-0.3698	-0.8295
0.900	-0.3175	-0.4582	-0.4469	-0.4638	*******
0.925	*******	-0.4818	-0.5587	-0.6976	-1.0954
0.950	-0.3539	-0.5784	-0.4929	-0.7603	-0.7925
0.975	*******	-0.7519	-1.0000	-0.9365	-0.8561
1.000	-1.1926	-1.1472	-1.2741	-0.9675	-1.0565
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1341	0.1363	0.2052	*******	-0.6366
-0.400	0.1225	0.1426	0.1571	-0.0013	-0.7222
-0.600	0.1329	0.1467	0.1489	0.0321	-0.7035
-0.700	*******	0.1396	0.1468	0.0484	-0.6745
-0.800	*******	*******	0.1443	0.0700	-0.6110
-0.850	*******	0.1806	0.1548	0.0715	-0.5931
-0.900	0.2197	0.2114	0.1822	0.0970	-0.5955
-0.950	0.2412	0.1403	0.2176	0.1495	-0.1943
-0.975	*******	0.2087	0.2100	0.1647	-0.0268
-1.000	-1.1557	-1.2632	-1.0992	-1.1087	-0.6025

Surface Pressures



Small Radius L.E.

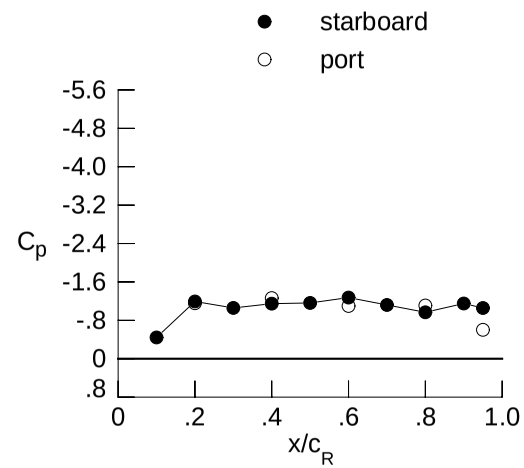
Run No. = 51 , Point No. = 1101

C_N = 0.298, C_m = -0.0555

α = 7.0 °, M_∞ = 0.850

R_{mac} = 72.3×10^6

Leading Edge Pressures

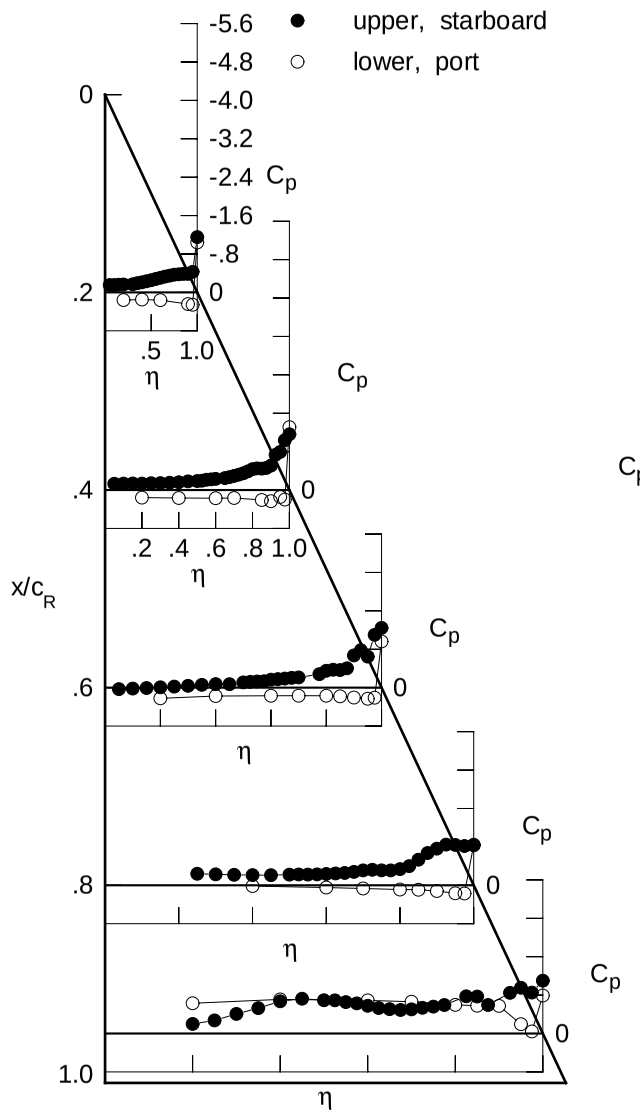


x/c_R	starb'd C_p	port C_p
0.10	-0.4434	*******
0.20	-1.1926	-1.1557
0.30	-1.0581	*******
0.40	-1.1472	-1.2632
0.50	-1.1622	*******
0.60	-1.2741	-1.0992
0.70	-1.1201	*******
0.80	-0.9675	-1.1087
0.90	-1.1504	*******
0.95	-1.0565	-0.6025

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1524	-0.1312	0.0316	*******	*******
0.100	-0.1529	-0.1341	0.0192	*******	*******
0.150	-0.1595	-0.1365	0.0081	*******	*******
0.200	-0.1650	-0.1341	-0.0070	*******	-0.1989
0.250	*******	-0.1424	-0.0213	-0.2399	-0.2730
0.300	-0.1688	-0.1443	-0.0374	-0.2277	-0.4077
0.350	-0.1918	-0.1528	-0.0580	-0.2187	-0.5285
0.400	-0.2099	-0.1625	-0.0746	-0.2121	-0.6709
0.450	-0.2323	-0.1808	-0.0724	-0.2106	-0.7248
0.500	-0.2533	-0.1874	-0.1095	-0.2216	-0.6925
0.525	*******	-0.1943	-0.1205	-0.2256	-0.6910
0.550	-0.2800	-0.2146	-0.1287	-0.2229	-0.6544
0.575	*******	-0.2221	-0.1325	-0.2273	-0.6278
0.600	-0.3041	-0.2331	-0.1660	-0.2364	-0.5772
0.625	*******	*******	-0.1774	-0.2462	-0.5308
0.650	-0.3286	-0.2485	-0.1888	-0.2568	-0.5069
0.675	*******	-0.2690	-0.2043	-0.2795	-0.4906
0.700	-0.3490	-0.2945	-0.2127	-0.3100	-0.5032
0.725	*******	-0.3201	*******	-0.3235	-0.5361
0.750	-0.3691	-0.3485	*******	-0.3111	-0.5603
0.775	*******	-0.3886	-0.2807	-0.3101	-0.5934
0.800	-0.3771	-0.4348	-0.3509	-0.3371	*******
0.825	*******	-0.4510	-0.3736	-0.3991	-0.7751
0.850	-0.3858	-0.4460	-0.3663	-0.5330	-0.7701
0.875	*******	-0.4599	-0.4030	-0.6731	-0.5944
0.900	-0.3854	-0.5097	-0.6713	-0.7630	*******
0.925	*******	-0.7347	-0.7809	-0.8475	-0.8473
0.950	-0.4286	-0.7933	-0.6466	-0.8410	-0.9529
0.975	*******	-1.0371	-1.1003	-0.8180	-0.8526
1.000	-1.1518	-1.1619	-1.2451	-0.8322	-1.1008
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1596	0.1577	0.2227	*******	-0.6302
-0.400	0.1492	0.1658	0.1748	0.0155	-0.7107
-0.600	0.1616	0.1706	0.1690	0.0475	-0.6902
-0.700	*******	0.1658	0.1679	0.0667	-0.6617
-0.800	*******	*******	0.1691	0.0884	-0.5967
-0.850	*******	0.2070	0.1810	0.0930	-0.5786
-0.900	0.2432	0.2320	0.2065	0.1193	-0.5755
-0.950	0.2579	0.1441	0.2311	0.1663	-0.1942
-0.975	*******	0.1986	0.2098	0.1701	-0.0429
-1.000	-1.0404	-1.3101	-0.9633	-0.8457	-0.7909

Surface Pressures



Small Radius L.E.

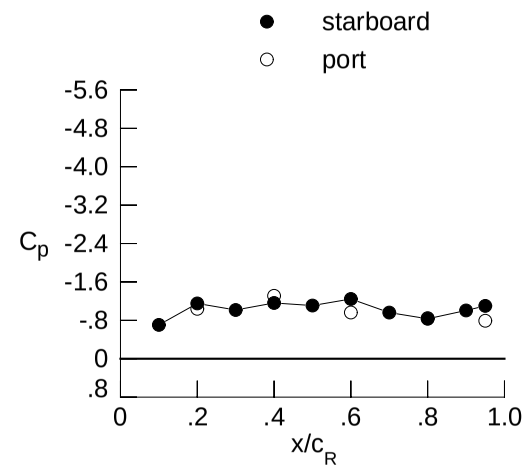
Run No. = 51 , Point No. = 1102

C_N = 0.357, C_m = -0.0678

α = 8.1 °, M_∞ = 0.851

R_{mac} = 72.3×10^6

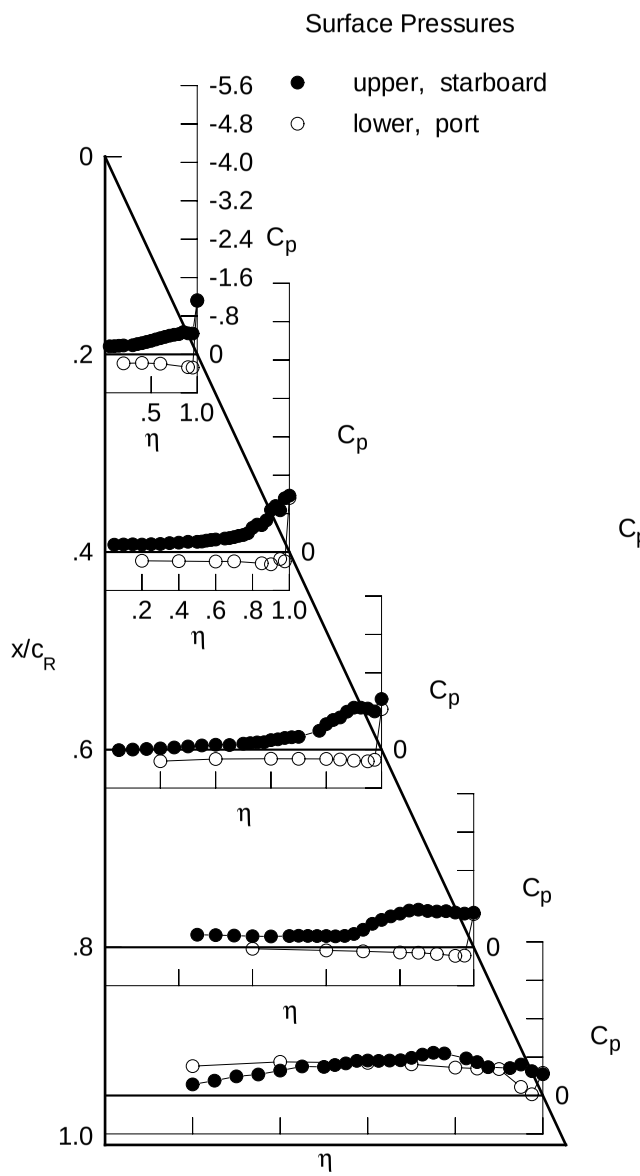
Leading Edge Pressures



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

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1686	-0.1527	0.0105	*******	*******
0.100	-0.1715	-0.1565	-0.0012	*******	*******
0.150	-0.1789	-0.1605	-0.0135	*******	*******
0.200	-0.1858	-0.1550	-0.0254	*******	-0.2310
0.250	*******	-0.1630	-0.0446	-0.2613	-0.3090
0.300	-0.1903	-0.1678	-0.0668	-0.2530	-0.3982
0.350	-0.2141	-0.1857	-0.0873	-0.2436	-0.4376
0.400	-0.2334	-0.1951	-0.1025	-0.2303	-0.5188
0.450	-0.2585	-0.2138	-0.0963	-0.2259	-0.6054
0.500	-0.2822	-0.2128	-0.1241	-0.2346	-0.5957
0.525	*******	-0.2186	-0.1350	-0.2397	-0.6350
0.550	-0.3112	-0.2373	-0.1501	-0.2366	-0.6685
0.575	*******	-0.2509	-0.1543	-0.2343	-0.7219
0.600	-0.3379	-0.2608	-0.1981	-0.2342	-0.7287
0.625	*******	*******	-0.2152	-0.2278	-0.7204
0.650	-0.3638	-0.2806	-0.2434	-0.2370	-0.7284
0.675	*******	-0.2913	-0.2581	-0.2777	-0.7347
0.700	-0.3893	-0.3112	-0.2665	-0.3645	-0.7845
0.725	*******	-0.3366	*******	-0.4888	-0.8521
0.750	-0.4087	-0.3555	*******	-0.5702	-0.8906
0.775	*******	-0.3922	-0.3929	-0.6442	-0.8761
0.800	-0.4225	-0.5053	-0.5312	-0.7010	*******
0.825	*******	-0.5714	-0.6178	-0.7644	-0.7729
0.850	-0.4652	-0.5608	-0.6705	-0.7842	-0.6961
0.875	*******	-0.6604	-0.7906	-0.7570	-0.5906
0.900	-0.4386	-0.8770	-0.8745	-0.7450	*******
0.925	*******	-0.9585	-0.8741	-0.7521	-0.5709
0.950	-0.4344	-0.8693	-0.8558	-0.7231	-0.6449
0.975	*******	-1.1199	-0.7963	-0.7014	-0.5069
1.000	-1.1151	-1.1755	-1.0545	-0.7206	-0.4432
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1866	0.1827	0.2407	*******	-0.6118
-0.400	0.1786	0.1899	0.1952	0.0308	-0.7008
-0.600	0.1933	0.1976	0.1896	0.0659	-0.6798
-0.700	*******	0.1939	0.1914	0.0839	-0.6501
-0.800	*******	*******	0.1935	0.1085	-0.5816
-0.850	*******	0.2345	0.2053	0.1135	-0.5617
-0.900	0.2662	0.2551	0.2290	0.1396	-0.5509
-0.950	0.2742	0.1444	0.2435	0.1788	-0.1781
-0.975	*******	0.1939	0.2109	0.1733	-0.0254
-1.000	-1.1293	-1.1253	-0.8430	-0.6918	-0.4709



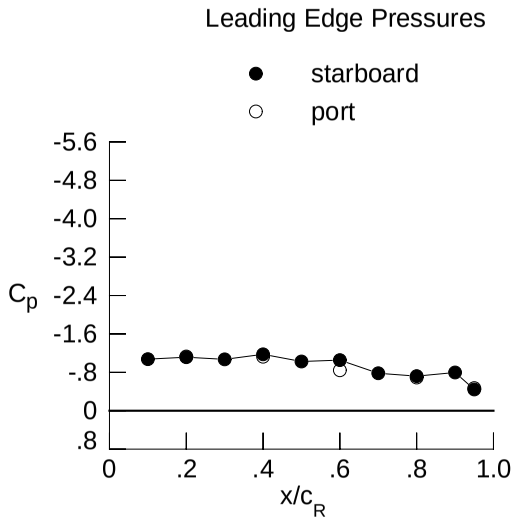
Small Radius L.E.

Run No. = 51 , Point No. = 1103

C_N = 0.419, C_m = -0.0793

α = 9.1 °, M_∞ = 0.850

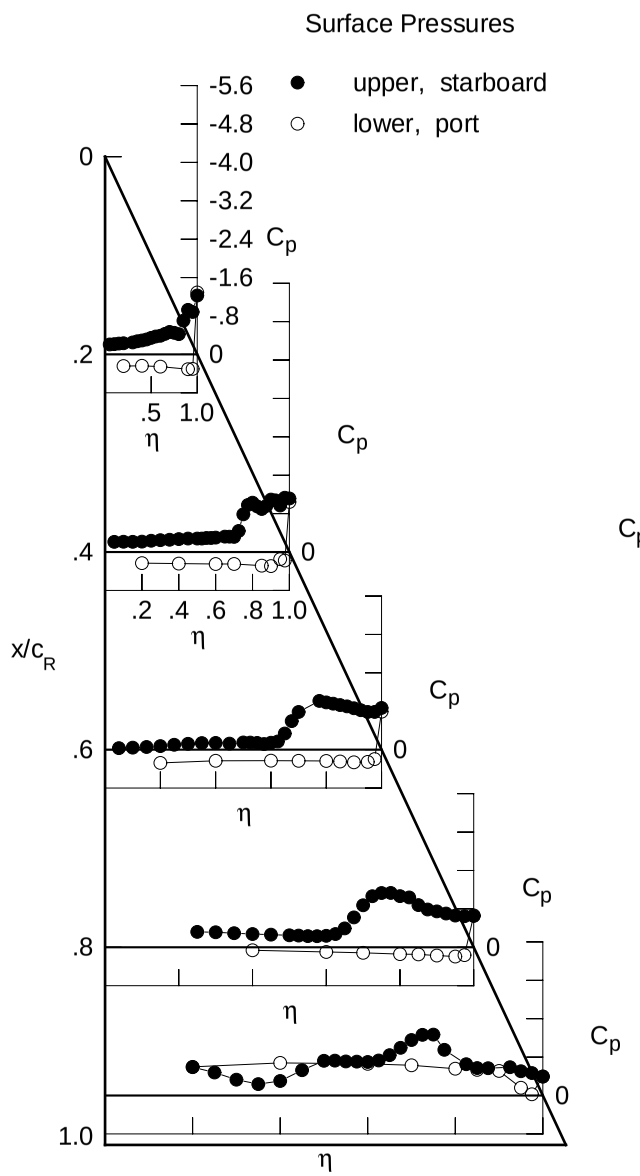
R_{mac} = 72.3×10^6



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

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2071	-0.2119	-0.0309	*******	*******
0.100	-0.2133	-0.2147	-0.0416	*******	*******
0.150	-0.2256	-0.2131	-0.0555	*******	*******
0.200	-0.2323	-0.2171	-0.0739	*******	-0.5906
0.250	*******	-0.2355	-0.1015	-0.3209	-0.4795
0.300	-0.2486	-0.2473	-0.1218	-0.3126	-0.3296
0.350	-0.2738	-0.2560	-0.1368	-0.2938	-0.2378
0.400	-0.2893	-0.2696	-0.1400	-0.2762	-0.3022
0.450	-0.3102	-0.2806	-0.1257	-0.2631	-0.5273
0.500	-0.3439	-0.2810	-0.1498	-0.2493	-0.7234
0.525	*******	-0.2805	-0.1475	-0.2438	-0.7264
0.550	-0.3731	-0.2928	-0.1400	-0.2325	-0.7098
0.575	*******	-0.2925	-0.1167	-0.2310	-0.7054
0.600	-0.3878	-0.3012	-0.1443	-0.2392	-0.6985
0.625	*******	*******	-0.1704	-0.2762	-0.7300
0.650	-0.4275	-0.3209	-0.3363	-0.3936	-0.8408
0.675	*******	-0.3204	-0.5947	-0.6227	-0.9935
0.700	-0.4679	-0.3158	-0.7845	-0.8754	-1.1562
0.725	*******	-0.4392	*******	-1.0639	-1.2642
0.750	-0.4498	-0.7853	*******	-1.1301	-1.2692
0.775	*******	-0.9796	-1.0153	-1.1321	-0.9518
0.800	-0.4216	-1.0278	-0.9842	-1.0659	*******
0.825	*******	-0.9509	-0.9578	-1.0384	-0.6524
0.850	-0.7023	-0.8966	-0.9292	-0.8793	-0.5721
0.875	*******	-0.9610	-0.9016	-0.7873	-0.5685
0.900	-0.9278	-1.0926	-0.8627	-0.7480	*******
0.925	*******	-1.0768	-0.8215	-0.7031	-0.5894
0.950	-0.8837	-0.9694	-0.7844	-0.6611	-0.5053
0.975	*******	-1.1309	-0.7856	-0.6470	-0.4676
1.000	-1.2262	-1.1157	-0.8691	-0.6527	-0.3962
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2433	0.2315	0.2769	*******	-0.5967
-0.400	0.2378	0.2405	0.2323	0.0621	-0.6790
-0.600	0.2549	0.2494	0.2295	0.0972	-0.6603
-0.700	*******	0.2485	0.2326	0.1151	-0.6298
-0.800	*******	*******	0.2361	0.1423	-0.5581
-0.850	*******	0.2838	0.2476	0.1481	-0.5346
-0.900	0.3090	0.2929	0.2643	0.1718	-0.5120
-0.950	0.3023	0.1477	0.2554	0.1930	-0.1619
-0.975	*******	0.1767	0.1968	0.1635	-0.0255
-1.000	-1.2893	-1.0429	-0.7906	-0.6637	-0.3947



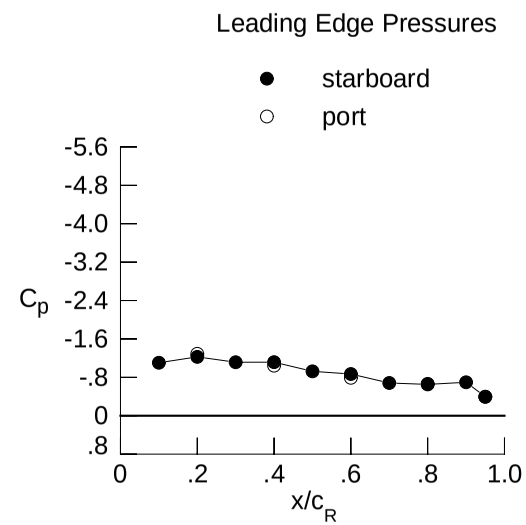
Small Radius L.E.

Run No. = 51 , Point No. = 1104

C_N = 0.544, C_m = -0.1004

α = 11.3 °, M_∞ = 0.850

R_{mac} = 72.2×10^6

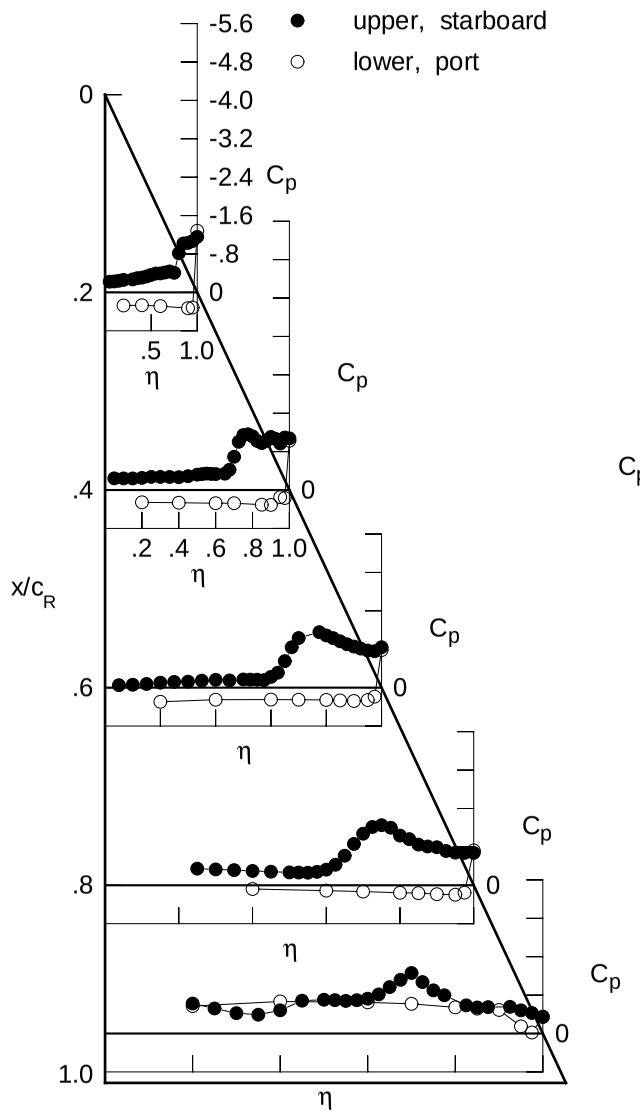


x/c_R	starb'd C_p	port C_p
0.10	-1.1042	*******
0.20	-1.2262	-1.2893
0.30	-1.1145	*******
0.40	-1.1157	-1.0429
0.50	-0.9251	*******
0.60	-0.8691	-0.7906
0.70	-0.6822	*******
0.80	-0.6527	-0.6637
0.90	-0.6970	*******
0.95	-0.3962	-0.3947

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2236	-0.2433	-0.0513	*******	*******
0.100	-0.2276	-0.2425	-0.0608	*******	*******
0.150	-0.2428	-0.2417	-0.0768	*******	*******
0.200	-0.2611	-0.2524	-0.1035	*******	-0.6252
0.250	*******	-0.2737	-0.1188	-0.3461	-0.5218
0.300	-0.2705	-0.2734	-0.1253	-0.3303	-0.4237
0.350	-0.2962	-0.2720	-0.1454	-0.3157	-0.3921
0.400	-0.3077	-0.2674	-0.1634	-0.2986	-0.4831
0.450	-0.3322	-0.2884	-0.1502	-0.2836	-0.6843
0.500	-0.3651	-0.3210	-0.1706	-0.2685	-0.7035
0.525	*******	-0.3310	-0.1676	-0.2653	-0.6949
0.550	-0.3937	-0.3432	-0.1656	-0.2624	-0.6795
0.575	*******	-0.3361	-0.1566	-0.2799	-0.6938
0.600	-0.3951	-0.3331	-0.2236	-0.3259	-0.7258
0.625	*******	*******	-0.3123	-0.4283	-0.8144
0.650	-0.4142	-0.3404	-0.5523	-0.6160	-0.9666
0.675	*******	-0.4220	-0.8411	-0.8616	-1.1187
0.700	-0.4367	-0.6931	-1.0337	-1.0747	-1.2604
0.725	*******	-1.0046	*******	-1.2144	-1.0716
0.750	-0.4083	-1.1451	*******	-1.2518	-0.8992
0.775	*******	-1.1614	-1.1559	-1.1995	-0.7967
0.800	-0.8143	-1.1190	-1.0873	-1.0354	*******
0.825	*******	-1.0229	-1.0314	-0.9616	-0.5867
0.850	-1.0191	-0.9780	-0.9653	-0.8479	-0.5423
0.875	*******	-1.0236	-0.9040	-0.8079	-0.5494
0.900	-1.0323	-1.1061	-0.8560	-0.7928	*******
0.925	*******	-1.0661	-0.8130	-0.7147	-0.5561
0.950	-1.0703	-0.9687	-0.7729	-0.6792	-0.4825
0.975	*******	-1.0943	-0.7585	-0.6747	-0.4278
1.000	-1.1570	-1.0771	-0.8415	-0.6747	-0.3522
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2724	0.2557	0.2947	*******	-0.5718
-0.400	0.2682	0.2649	0.2512	0.0779	-0.6674
-0.600	0.2858	0.2744	0.2485	0.1113	-0.6488
-0.700	*******	0.2745	0.2517	0.1311	-0.6182
-0.800	*******	*******	0.2556	0.1560	-0.5446
-0.850	*******	0.3057	0.2661	0.1630	-0.5185
-0.900	0.3293	0.3092	0.2787	0.1853	-0.4908
-0.950	0.3162	0.1490	0.2586	0.1959	-0.1491
-0.975	*******	0.1667	0.1877	0.1526	-0.0209
-1.000	-1.2838	-1.0276	-0.7816	-0.7268	-0.3434

Surface Pressures



Small Radius L.E.

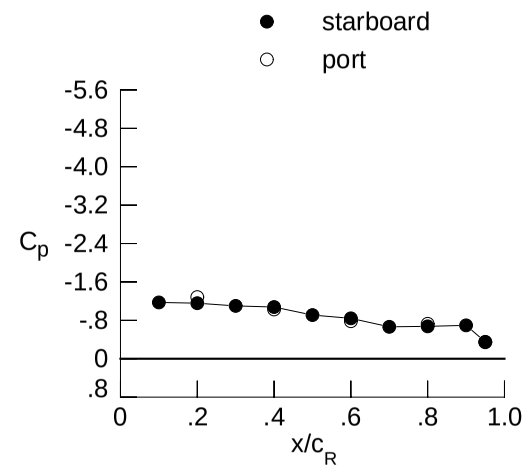
Run No. = 51 , Point No. = 1105

C_N = 0.598, C_m = -0.1057

α = 12.3 °, M_∞ = 0.851

R_{mac} = 72.4×10^6

Leading Edge Pressures

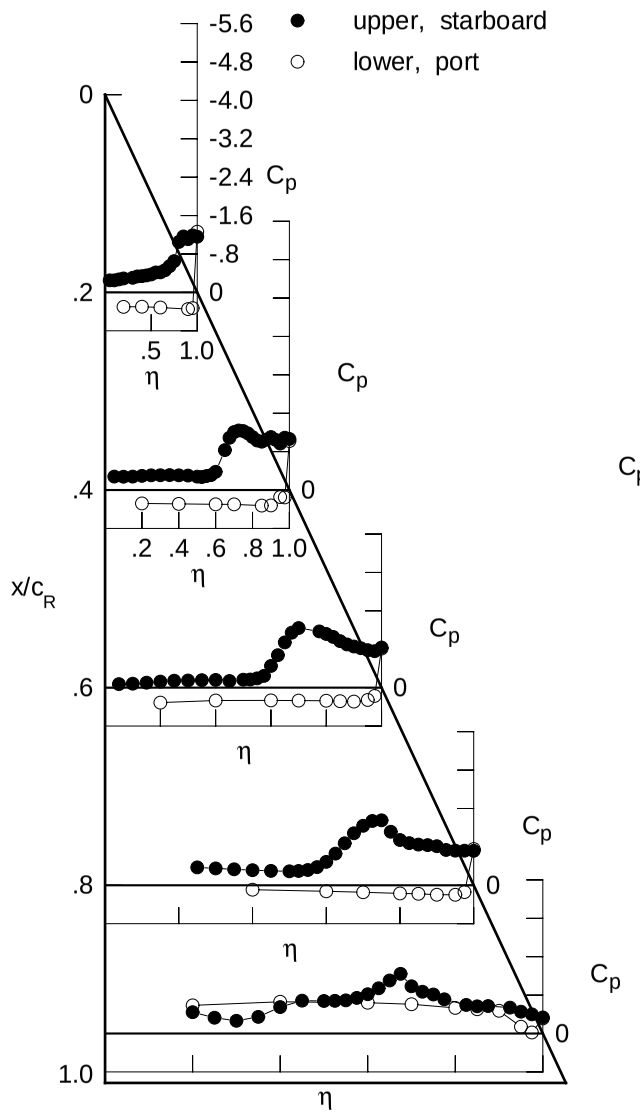


x/c_R	starb'd C_p	port C_p
0.10	-1.1731	*******
0.20	-1.1570	-1.2838
0.30	-1.1004	*******
0.40	-1.0771	-1.0276
0.50	-0.9097	*******
0.60	-0.8415	-0.7816
0.70	-0.6649	*******
0.80	-0.6747	-0.7268
0.90	-0.6953	*******
0.95	-0.3522	-0.3434

Table C6. 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	-0.2508	-0.2800	-0.0737	*******	*******
0.100	-0.2502	-0.2778	-0.0823	*******	*******
0.150	-0.2703	-0.2802	-0.1034	*******	*******
0.200	-0.2905	-0.2949	-0.1263	*******	-0.4438
0.250	*******	-0.3065	-0.1446	-0.3731	-0.3288
0.300	-0.3043	-0.3079	-0.1486	-0.3515	-0.2649
0.350	-0.3328	-0.3113	-0.1556	-0.3329	-0.3464
0.400	-0.3384	-0.3061	-0.1610	-0.3146	-0.5507
0.450	-0.3533	-0.3018	-0.1385	-0.3000	-0.6846
0.500	-0.3739	-0.2790	-0.1656	-0.2914	-0.6779
0.525	*******	-0.2708	-0.1697	-0.2983	-0.6809
0.550	-0.4158	-0.2914	-0.1935	-0.3187	-0.6907
0.575	*******	-0.3111	-0.2456	-0.3782	-0.7417
0.600	-0.4167	-0.3800	-0.4522	-0.4877	-0.8184
0.625	*******	*******	-0.6759	-0.6602	-0.9425
0.650	-0.4616	-0.8322	-0.9425	-0.8753	-1.1049
0.675	*******	-1.0886	-1.1447	-1.0836	-1.2435
0.700	-0.5463	-1.2081	-1.2417	-1.2388	-0.9837
0.725	*******	-1.2412	*******	-1.3400	-0.8704
0.750	-0.6520	-1.2288	*******	-1.3537	-0.8129
0.775	*******	-1.1799	-1.1710	-1.1151	-0.7129
0.800	-1.0503	-1.1042	-1.1186	-0.9432	*******
0.825	*******	-1.0318	-1.0572	-0.8784	-0.5953
0.850	-1.1659	-1.0073	-0.9686	-0.8478	-0.5660
0.875	*******	-1.0495	-0.8998	-0.8366	-0.5719
0.900	-1.1083	-1.1037	-0.8564	-0.8148	*******
0.925	*******	-1.0466	-0.8217	-0.7358	-0.5393
0.950	-1.1874	-0.9690	-0.7808	-0.7214	-0.4547
0.975	*******	-1.0908	-0.7593	-0.7208	-0.3989
1.000	-1.1594	-1.0638	-0.8362	-0.7181	-0.3347
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3014	0.2792	0.3117	*******	-0.5866
-0.400	0.2981	0.2886	0.2679	0.0921	-0.6607
-0.600	0.3155	0.2976	0.2660	0.1253	-0.6413
-0.700	*******	0.2985	0.2697	0.1450	-0.6094
-0.800	*******	*******	0.2731	0.1697	-0.5335
-0.850	*******	0.3244	0.2821	0.1771	-0.5058
-0.900	0.3478	0.3212	0.2901	0.1967	-0.4735
-0.950	0.3276	0.1453	0.2568	0.1973	-0.1417
-0.975	*******	0.1535	0.1725	0.1419	-0.0214
-1.000	-1.2644	-1.0202	-0.8140	-0.7558	-0.3142

Surface Pressures



Small Radius L.E.

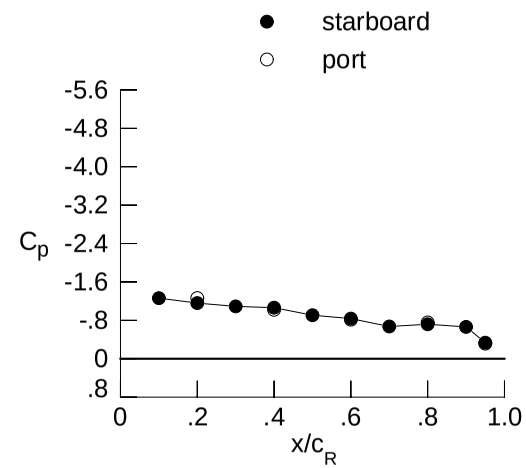
Run No. = 51 , Point No. = 1106

C_N = 0.653, C_m = -0.1112

α = 13.4 °, M_∞ = 0.850

R_{mac} = 72.3×10^6

Leading Edge Pressures

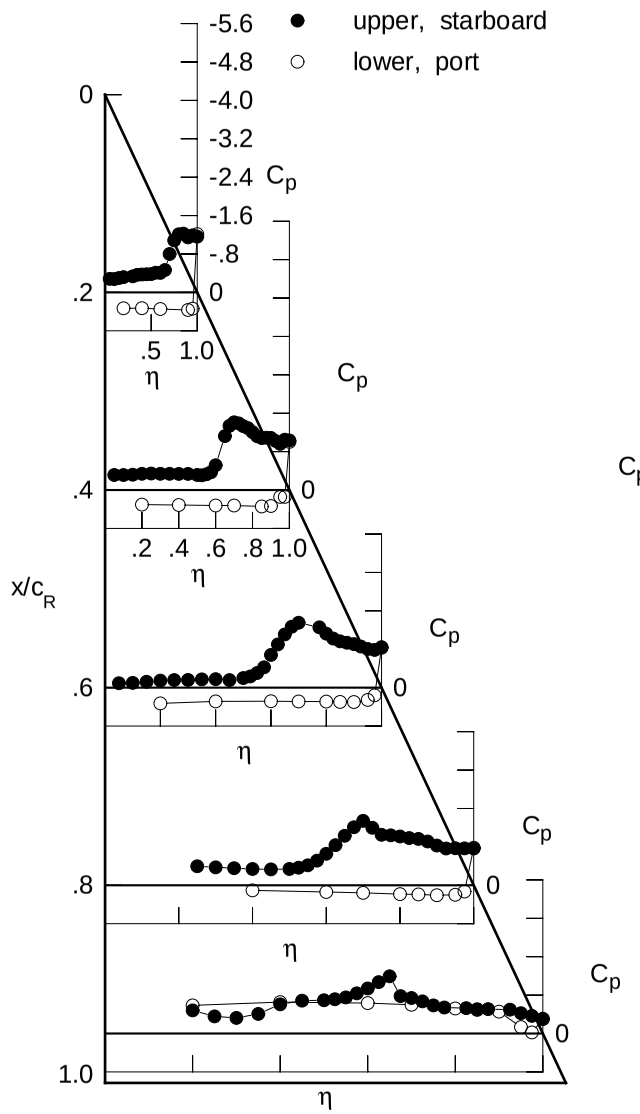


x/c_R	starb'd Cp	port Cp
0.10	-1.2620	*******
0.20	-1.1594	-1.2644
0.30	-1.0903	*******
0.40	-1.0638	-1.0202
0.50	-0.9064	*******
0.60	-0.8362	-0.8140
0.70	-0.6716	*******
0.80	-0.7181	-0.7558
0.90	-0.6632	*******
0.95	-0.3347	-0.3142

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2822	-0.3137	-0.0916	*******	*******
0.100	-0.2774	-0.3125	-0.0988	*******	*******
0.150	-0.2996	-0.3189	-0.1222	*******	*******
0.200	-0.3178	-0.3383	-0.1464	*******	-0.4817
0.250	*******	-0.3436	-0.1584	-0.3962	-0.3564
0.300	-0.3347	-0.3387	-0.1607	-0.3738	-0.3247
0.350	-0.3668	-0.3384	-0.1719	-0.3560	-0.4083
0.400	-0.3725	-0.3363	-0.1772	-0.3392	-0.6077
0.450	-0.3775	-0.3358	-0.1576	-0.3310	-0.6851
0.500	-0.3813	-0.3148	-0.2002	-0.3400	-0.6931
0.525	*******	-0.3062	-0.2328	-0.3666	-0.7140
0.550	-0.4100	-0.3281	-0.3045	-0.4160	-0.7516
0.575	*******	-0.3713	-0.4233	-0.5135	-0.8370
0.600	-0.4063	-0.5172	-0.6817	-0.6560	-0.9381
0.625	*******	*******	-0.8999	-0.8362	-1.0701
0.650	-0.4665	-1.1228	-1.1083	-1.0308	-1.1924
0.675	*******	-1.3372	-1.2692	-1.2089	-0.7791
0.700	-0.7997	-1.4111	-1.3519	-1.3420	-0.7396
0.725	*******	-1.3885	*******	-1.1983	-0.6693
0.750	-1.0828	-1.3308	*******	-1.0517	-0.5858
0.775	*******	-1.2898	-1.2564	-1.0409	-0.5416
0.800	-1.2114	-1.2062	-1.1248	-1.0171	*******
0.825	*******	-1.1210	-1.0227	-0.9837	-0.5283
0.850	-1.2243	-1.0826	-0.9649	-0.9655	-0.5058
0.875	*******	-1.0902	-0.9349	-0.9131	-0.5082
0.900	-1.1453	-1.0857	-0.9061	-0.8278	*******
0.925	*******	-1.0227	-0.8568	-0.7666	-0.4968
0.950	-1.1884	-0.9626	-0.8050	-0.7720	-0.4235
0.975	*******	-1.0484	-0.7859	-0.7688	-0.3671
1.000	-1.1610	-1.0328	-0.8431	-0.7662	-0.3080
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3308	0.3034	0.3281	*******	-0.5862
-0.400	0.3293	0.3123	0.2864	0.1059	-0.6542
-0.600	0.3463	0.3221	0.2831	0.1396	-0.6338
-0.700	*******	0.3223	0.2883	0.1576	-0.5988
-0.800	*******	*******	0.2906	0.1840	-0.5219
-0.850	*******	0.3422	0.2978	0.1905	-0.4921
-0.900	0.3668	0.3331	0.3004	0.2070	-0.4555
-0.950	0.3396	0.1424	0.2560	0.1979	-0.1341
-0.975	*******	0.1423	0.1603	0.1307	-0.0222
-1.000	-1.2144	-1.0024	-0.8301	-0.7822	-0.2999

Surface Pressures



Small Radius L.E.

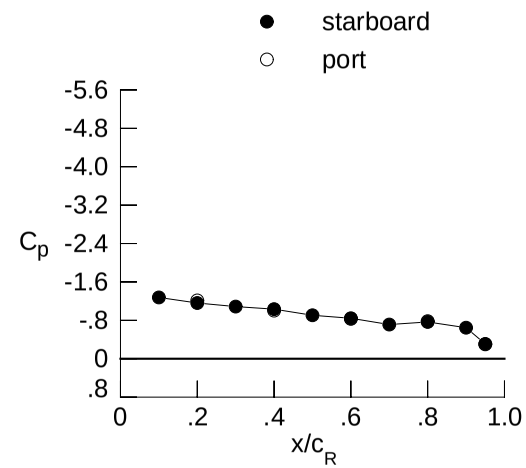
Run No. = 51 , Point No. = 1107

C_N = 0.704, C_m = -0.1144

α = 14.4 °, M_∞ = 0.850

R_{mac} = 72.3×10^6

Leading Edge Pressures

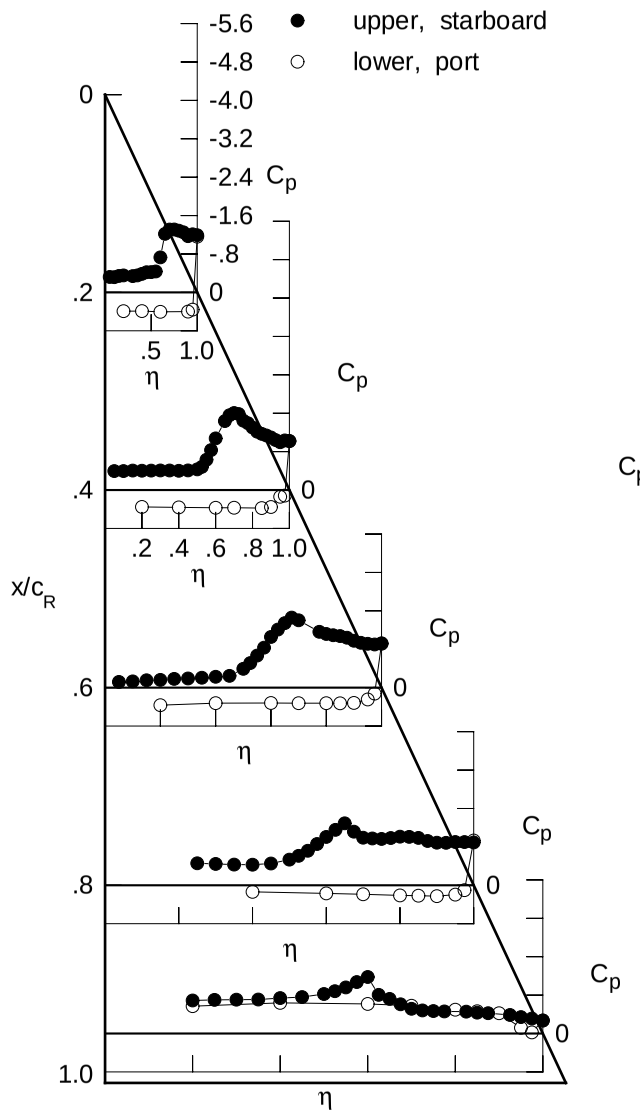


x/c_R	starb'd C_p	port C_p
0.10	-1.2768	*******
0.20	-1.1610	-1.2144
0.30	-1.0864	*******
0.40	-1.0328	-1.0024
0.50	-0.9053	*******
0.60	-0.8431	-0.8301
0.70	-0.7122	*******
0.80	-0.7662	-0.7822
0.90	-0.6464	*******
0.95	-0.3080	-0.2999

Table C6. 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	-0.3220	-0.3952	-0.1189	*******	*******
0.100	-0.3169	-0.3952	-0.1301	*******	*******
0.150	-0.3425	-0.4055	-0.1538	*******	*******
0.200	-0.3539	-0.4023	-0.1618	*******	-0.6883
0.250	*******	-0.4047	-0.1823	-0.4584	-0.7005
0.300	-0.3395	-0.4081	-0.1913	-0.4447	-0.7047
0.350	-0.3536	-0.4072	-0.2065	-0.4314	-0.7080
0.400	-0.3854	-0.4010	-0.2262	-0.4287	-0.7381
0.450	-0.4197	-0.4086	-0.2452	-0.4539	-0.7590
0.500	-0.4221	-0.4300	-0.3922	-0.5340	-0.8232
0.525	*******	-0.4826	-0.5119	-0.6137	-0.8814
0.550	-0.4358	-0.6309	-0.6684	-0.7192	-0.9601
0.575	*******	-0.8319	-0.8327	-0.8597	-1.0718
0.600	-0.7300	-1.0758	-1.0564	-1.0075	-1.1773
0.625	*******	*******	-1.2098	-1.1548	-0.8057
0.650	-1.2194	-1.4370	-1.3443	-1.2912	-0.7209
0.675	*******	-1.5587	-1.4596	-1.1170	-0.6092
0.700	-1.3092	-1.6045	-1.4034	-0.9910	-0.5151
0.725	*******	-1.5830	*******	-0.9749	-0.4810
0.750	-1.3105	-1.4453	*******	-0.9657	-0.4684
0.775	*******	-1.3918	-1.1628	-0.9849	-0.4597
0.800	-1.2854	-1.3021	-1.1180	-1.0128	*******
0.825	*******	-1.2159	-1.0922	-1.0089	-0.4555
0.850	-1.2519	-1.1702	-1.0744	-0.9870	-0.4347
0.875	*******	-1.1369	-1.0402	-0.9234	-0.4230
0.900	-1.1709	-1.0950	-0.9764	-0.8874	*******
0.925	*******	-1.0420	-0.9347	-0.8848	-0.3866
0.950	-1.2102	-0.9958	-0.9137	-0.9014	-0.3427
0.975	*******	-1.0332	-0.8994	-0.9007	-0.3121
1.000	-1.1914	-1.0221	-0.9241	-0.8925	-0.2704
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.3915	0.3522	0.3652	*******	-0.5692
-0.400	0.3898	0.3615	0.3232	0.1367	-0.6382
-0.600	0.4047	0.3694	0.3202	0.1691	-0.6162
-0.700	*******	0.3691	0.3240	0.1875	-0.5787
-0.800	*******	*******	0.3237	0.2109	-0.4961
-0.850	*******	0.3760	0.3261	0.2169	-0.4642
-0.900	0.4000	0.3540	0.3184	0.2265	-0.4221
-0.950	0.3592	0.1401	0.2467	0.1944	-0.1192
-0.975	*******	0.1162	0.1251	0.1016	-0.0234
-1.000	-1.1606	-1.0173	-0.9144	-0.9331	-0.2712

Surface Pressures



Small Radius L.E.

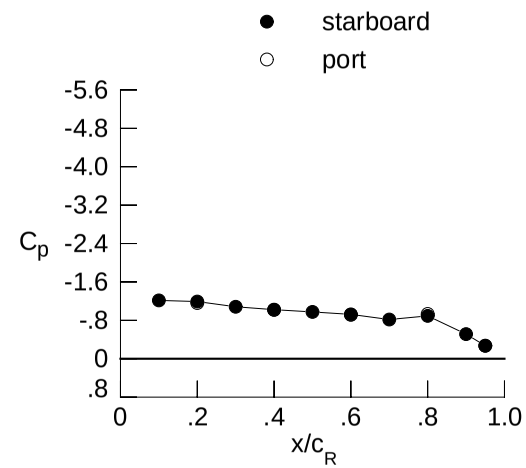
Run No. = 51 , Point No. = 1108

C_N = 0.802, C_m = -0.1221

α = 16.5 °, M_∞ = 0.850

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

Leading Edge Pressures

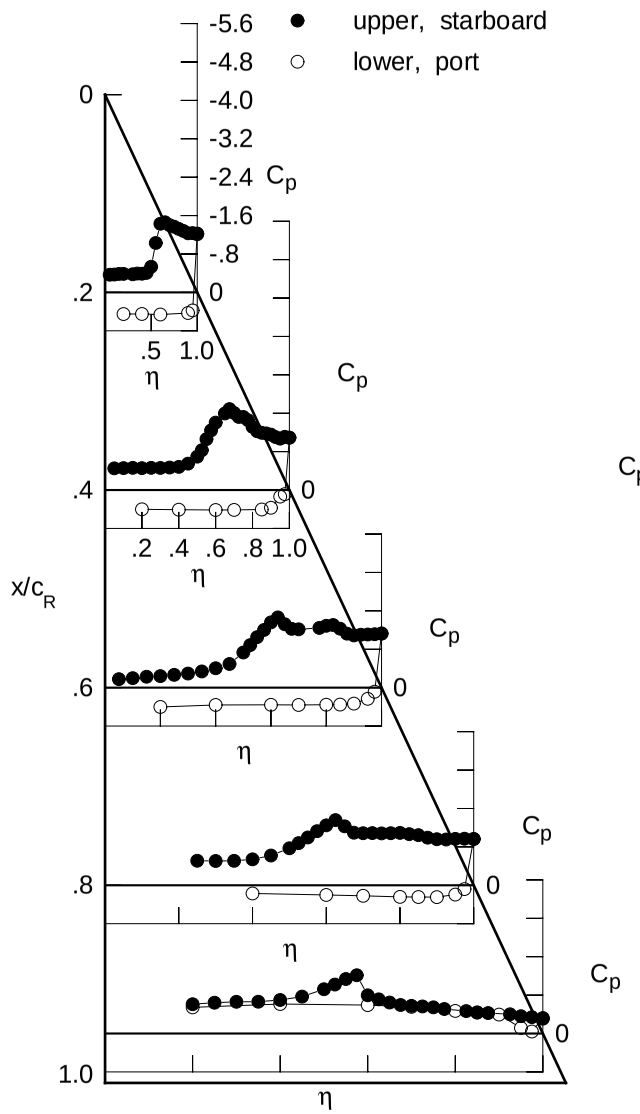


x/c_R	starb'd Cp	port Cp
0.10	-1.2150	*******
0.20	-1.1914	-1.1606
0.30	-1.0826	*******
0.40	-1.0221	-1.0173
0.50	-0.9749	*******
0.60	-0.9241	-0.9144
0.70	-0.8167	*******
0.80	-0.8925	-0.9331
0.90	-0.5128	*******
0.95	-0.2704	-0.2712

Table C6. 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	-0.3682	-0.4523	-0.1765	*******	*******
0.100	-0.3717	-0.4569	-0.1976	*******	*******
0.150	-0.3845	-0.4624	-0.2270	*******	*******
0.200	-0.3860	-0.4560	-0.2400	*******	-0.6102
0.250	*******	-0.4621	-0.2665	-0.5116	-0.6419
0.300	-0.3774	-0.4611	-0.2934	-0.5068	-0.6604
0.350	-0.3928	-0.4689	-0.3376	-0.5092	-0.6626
0.400	-0.3887	-0.4822	-0.4038	-0.5405	-0.6987
0.450	-0.4065	-0.5497	-0.4924	-0.6202	-0.7689
0.500	-0.5348	-0.6953	-0.7320	-0.7716	-0.9223
0.525	*******	-0.8293	-0.8865	-0.8787	-1.0204
0.550	-1.0294	-1.0607	-1.0522	-0.9962	-1.1351
0.575	*******	-1.2423	-1.2019	-1.1271	-1.2133
0.600	-1.4296	-1.4050	-1.3598	-1.2487	-0.7958
0.625	*******	*******	-1.4633	-1.3586	-0.7119
0.650	-1.4612	-1.5954	-1.3212	-1.2280	-0.6456
0.675	*******	-1.6868	-1.2250	-1.0952	-0.5940
0.700	-1.4006	-1.6068	-1.2149	-1.0850	-0.5757
0.725	*******	-1.5232	*******	-1.0875	-0.5644
0.750	-1.3679	-1.5224	*******	-1.0806	-0.5455
0.775	*******	-1.4564	-1.2442	-1.0845	-0.5106
0.800	-1.3225	-1.3152	-1.2886	-1.0913	*******
0.825	*******	-1.2249	-1.3051	-1.0659	-0.4673
0.850	-1.2799	-1.1922	-1.2279	-1.0450	-0.4374
0.875	*******	-1.1793	-1.1246	-0.9919	-0.4265
0.900	-1.2313	-1.1547	-1.0883	-0.9603	*******
0.925	*******	-1.1036	-1.1024	-0.9534	-0.4008
0.950	-1.2351	-1.0707	-1.1071	-0.9673	-0.3607
0.975	*******	-1.1085	-1.1131	-0.9707	-0.3408
1.000	-1.2255	-1.0919	-1.1252	-0.9637	-0.3085
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.4508	0.4016	0.4027	*******	-0.5449
-0.400	0.4497	0.4097	0.3610	0.1705	-0.6142
-0.600	0.4612	0.4157	0.3578	0.2016	-0.5924
-0.700	*******	0.4145	0.3606	0.2193	-0.5548
-0.800	*******	*******	0.3560	0.2417	-0.4702
-0.850	*******	0.4058	0.3527	0.2446	-0.4373
-0.900	0.4295	0.3697	0.3325	0.2463	-0.3945
-0.950	0.3751	0.1364	0.2326	0.1934	-0.1151
-0.975	*******	0.0858	0.0849	0.0789	-0.0416
-1.000	-1.2102	-1.0893	-1.1294	-0.9643	-0.3230

Surface Pressures



Small Radius L.E.

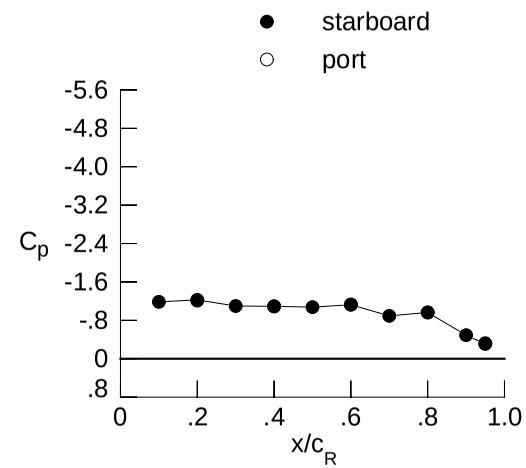
Run No. = 51 , Point No. = 1109

C_N = 0.920, C_m = -0.1417

α = 18.6 °, M_∞ = 0.850

R_{mac} = 72.0×10^6

Leading Edge Pressures

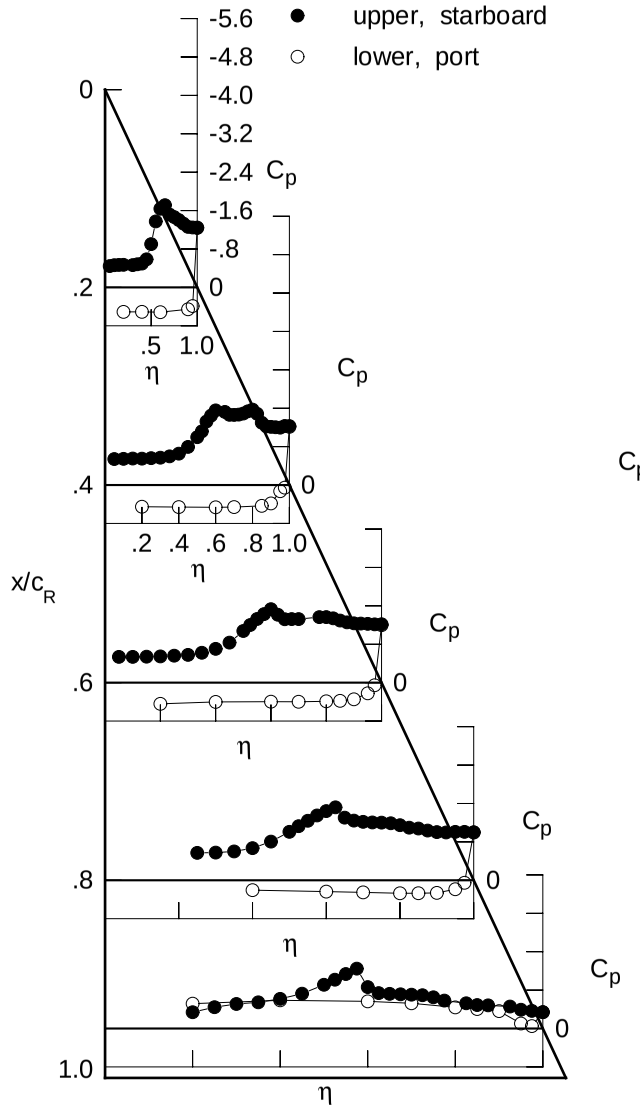


x/c_R	starb'd Cp	port Cp
0.10	-1.1858	*******
0.20	-1.2255	-1.2102
0.30	-1.0987	*******
0.40	-1.0919	-1.0893
0.50	-1.0744	*******
0.60	-1.1252	-1.1294
0.70	-0.8930	*******
0.80	-0.9637	-0.9643
0.90	-0.4916	*******
0.95	-0.3085	-0.3230

Table C6. 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	-0.4442	-0.5415	-0.5366	*******	*******
0.100	-0.4625	-0.5453	-0.5366	*******	*******
0.150	-0.4677	-0.5517	-0.5405	*******	*******
0.200	-0.4701	-0.5495	-0.5466	*******	-0.3392
0.250	*******	-0.5598	-0.5615	-0.5711	-0.4441
0.300	-0.4644	-0.5693	-0.5784	-0.5769	-0.5111
0.350	-0.4818	-0.5976	-0.6222	-0.6005	-0.5459
0.400	-0.4958	-0.6538	-0.7037	-0.6694	-0.6178
0.450	-0.5847	-0.7942	-0.8335	-0.8054	-0.7256
0.500	-0.9016	-0.9968	-1.0759	-1.0098	-0.9110
0.525	*******	-1.1185	-1.2008	-1.1270	-1.0172
0.550	-1.3745	-1.3229	-1.3267	-1.2401	-1.1354
0.575	*******	-1.4465	-1.4283	-1.3502	-1.2475
0.600	-1.6385	-1.5550	-1.5306	-1.4418	-0.8632
0.625	*******	*******	-1.4141	-1.5202	-0.7377
0.650	-1.7131	-1.5232	-1.3208	-1.3045	-0.7222
0.675	*******	-1.4636	-1.3238	-1.2434	-0.7130
0.700	-1.5166	-1.4605	-1.3239	-1.2180	-0.7045
0.725	*******	-1.4674	*******	-1.2047	-0.6936
0.750	-1.4650	-1.4899	*******	-1.2011	-0.6504
0.775	*******	-1.5362	-1.3651	-1.1881	-0.5817
0.800	-1.4035	-1.5710	-1.3659	-1.1483	*******
0.825	*******	-1.4842	-1.3399	-1.0960	-0.5253
0.850	-1.3284	-1.2984	-1.2936	-1.0785	-0.4892
0.875	*******	-1.2213	-1.2559	-1.0357	-0.4822
0.900	-1.2610	-1.2118	-1.2359	-1.0036	*******
0.925	*******	-1.2040	-1.2306	-0.9957	-0.4574
0.950	-1.2480	-1.1949	-1.2245	-1.0092	-0.3910
0.975	*******	-1.2305	-1.2143	-1.0090	-0.3671
1.000	-1.2385	-1.2277	-1.2165	-1.0010	-0.3415
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5103	0.4518	0.4415	*******	-0.5174
-0.400	0.5097	0.4590	0.4017	0.2058	-0.5871
-0.600	0.5167	0.4639	0.3968	0.2357	-0.5659
-0.700	*******	0.4595	0.3985	0.2522	-0.5255
-0.800	*******	*******	0.3889	0.2705	-0.4403
-0.850	*******	0.4333	0.3792	0.2699	-0.4054
-0.900	0.4559	0.3830	0.3469	0.2625	-0.3622
-0.950	0.3886	0.1287	0.2227	0.1868	-0.1041
-0.975	*******	0.0544	0.0545	0.0518	-0.0505
-1.000	-1.2462	-1.2121	-1.1966	-0.9950	-0.3390

Surface Pressures



Small Radius L.E.

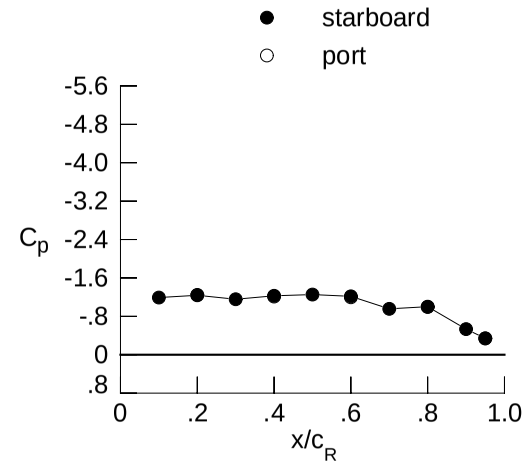
Run No. = 51 , Point No. = 1110

C_N = 1.045, C_m = -0.1658

α = 20.7 °, M_∞ = 0.851

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

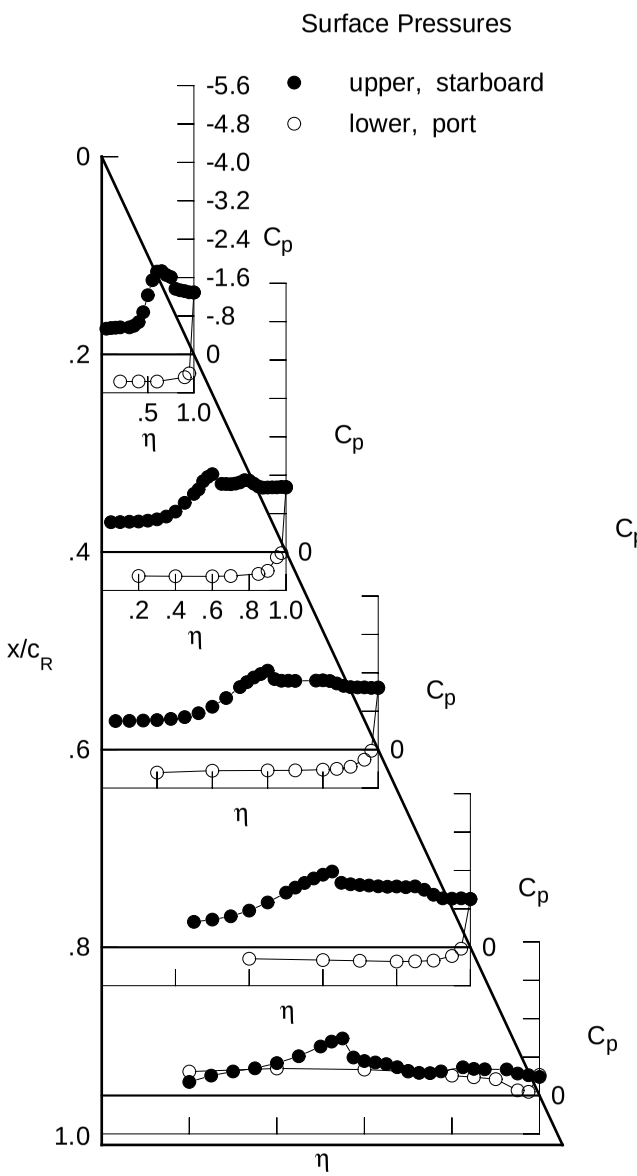
Leading Edge Pressures



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

Table C6. Continued.

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



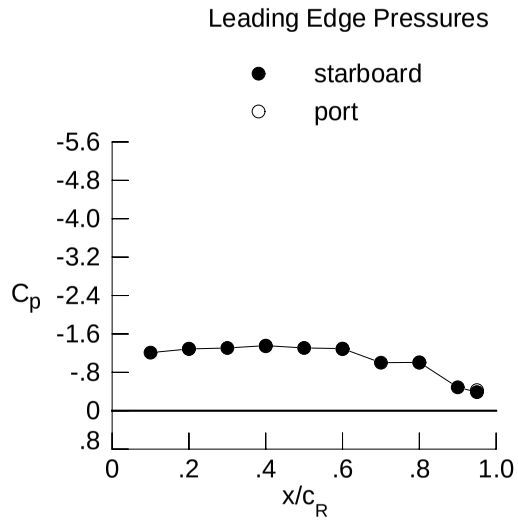
Small Radius L.E.

Run No. = 51 , Point No. = 1111

C_N = 1.141, C_m = -0.1768

α = 22.7 °, M_∞ = 0.849

R_{mac} = 72.0×10^6

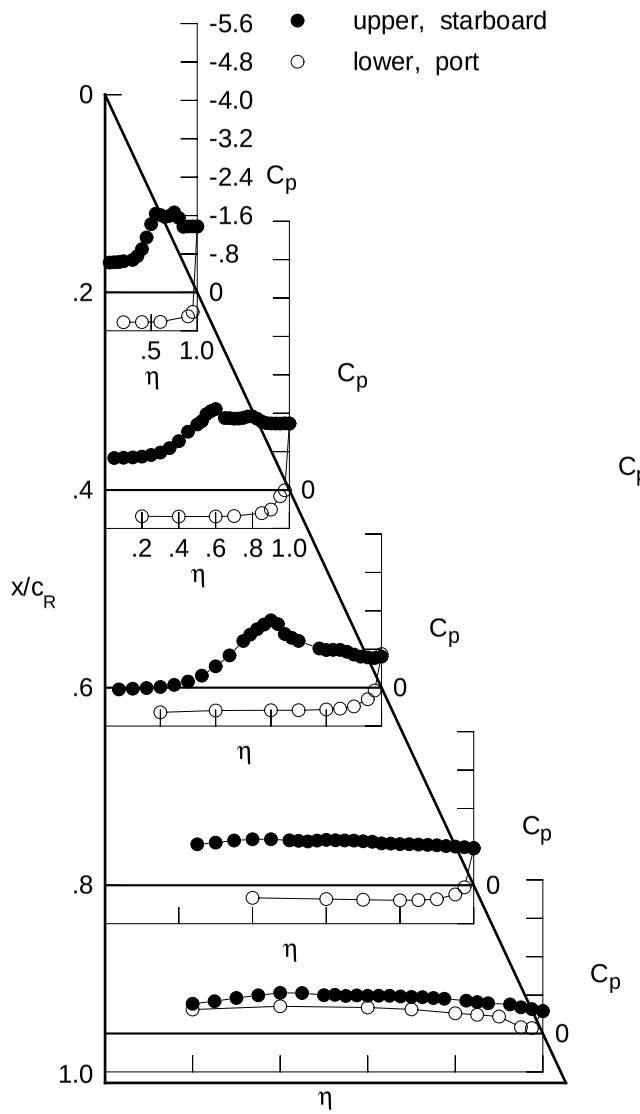


x/c_R	starb'd C_p	port C_p
0.10	-1.2100	*******
0.20	-1.2872	-1.2918
0.30	-1.3070	*******
0.40	-1.3562	-1.3429
0.50	-1.3079	*******
0.60	-1.2947	-1.2831
0.70	-1.0004	*******
0.80	-1.0079	-1.0006
0.90	-0.4878	*******
0.95	-0.3868	-0.4288

Table C6. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6215	-0.6674	0.0366	*******	*******
0.100	-0.6273	-0.6729	0.0226	*******	*******
0.150	-0.6331	-0.6792	0.0076	*******	*******
0.200	-0.6492	-0.6967	-0.0134	*******	-0.6203
0.250	*******	-0.7297	-0.0575	-0.8539	-0.6721
0.300	-0.6765	-0.7806	-0.1274	-0.8890	-0.7400
0.350	-0.7543	-0.8736	-0.2497	-0.9327	-0.7962
0.400	-0.9004	-1.0180	-0.4439	-0.9585	-0.8465
0.450	-1.1443	-1.2152	-0.6711	-0.9595	-0.8433
0.500	-1.4227	-1.3656	-0.9716	-0.9358	-0.7985
0.525	*******	-1.4333	-1.1047	-0.9264	-0.8057
0.550	-1.6391	-1.5819	-1.2178	-0.9137	-0.7821
0.575	*******	-1.6445	-1.3147	-0.9314	-0.7935
0.600	-1.6124	-1.6874	-1.4023	-0.9467	-0.7860
0.625	*******	*******	-1.3235	-0.9377	-0.7874
0.650	-1.5709	-1.5000	-1.1182	-0.9334	-0.7860
0.675	*******	-1.4981	-1.0378	-0.9316	-0.7720
0.700	-1.5953	-1.4863	-0.9726	-0.9166	-0.7625
0.725	*******	-1.4885	*******	-0.9061	-0.7567
0.750	-1.6660	-1.5029	*******	-0.8728	-0.7393
0.775	*******	-1.5326	-0.8162	-0.8680	-0.7237
0.800	-1.5510	-1.5338	-0.7844	-0.8573	*******
0.825	*******	-1.4852	-0.7871	-0.8563	-0.6838
0.850	-1.3663	-1.4271	-0.7872	-0.8485	-0.6541
0.875	*******	-1.3948	-0.7475	-0.8418	-0.6307
0.900	-1.3736	-1.3871	-0.6888	-0.8336	*******
0.925	*******	-1.3856	-0.6457	-0.8173	-0.6052
0.950	-1.3748	-1.3837	-0.6296	-0.8064	-0.5456
0.975	*******	-1.3897	-0.6170	-0.7933	-0.5085
1.000	-1.3732	-1.3861	-0.6459	-0.7771	-0.4673
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6214	0.5474	0.5147	*******	-0.4996
-0.400	0.6183	0.5520	0.4768	0.2618	-0.5668
-0.600	0.6151	0.5511	0.4714	0.2869	-0.5416
-0.700	*******	0.5421	0.4708	0.3014	-0.5021
-0.800	*******	*******	0.4555	0.3136	-0.4219
-0.850	*******	0.4819	0.4374	0.3095	-0.3907
-0.900	0.4990	0.4065	0.3910	0.2902	-0.3531
-0.950	0.4079	0.1299	0.2417	0.1911	-0.1312
-0.975	*******	0.0051	0.0603	0.0415	-0.1118
-1.000	-1.3714	-1.3844	-0.7004	-0.7667	-0.4654

Surface Pressures



Small Radius L.E.

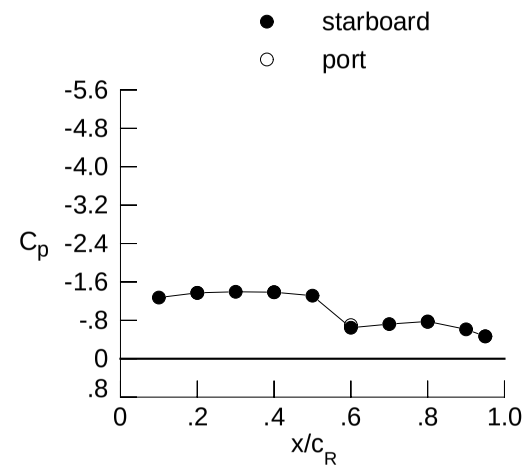
Run No. = 51 , Point No. = 1112

C_N = 1.115, C_m = -0.1661

α = 24.7 °, M_∞ = 0.850

R_{mac} = 72.0×10^6

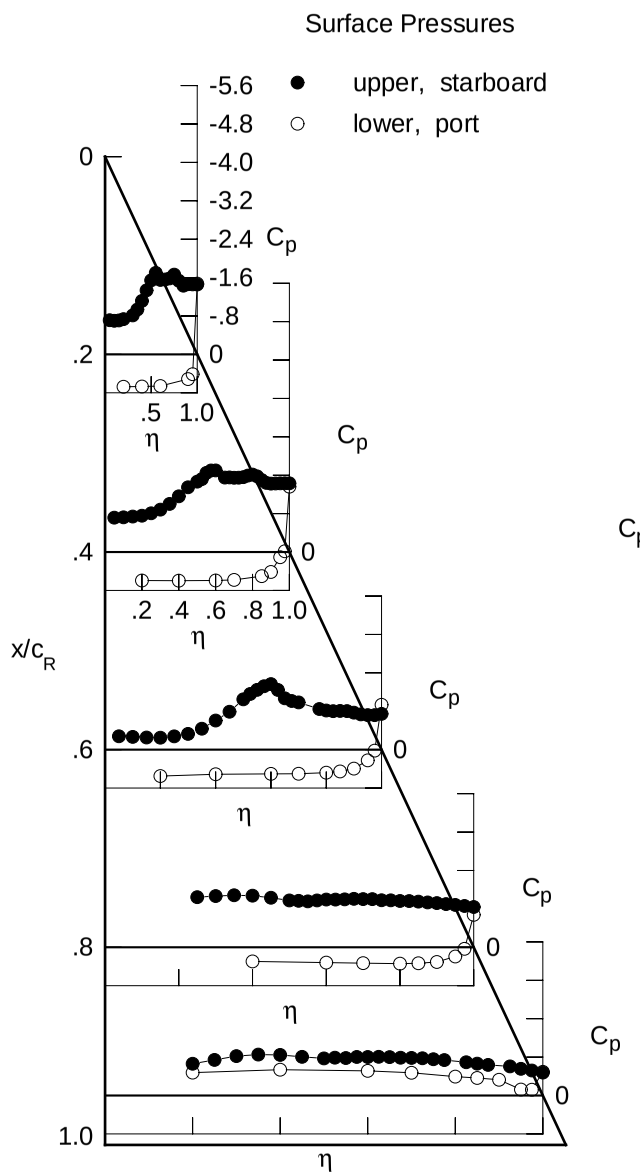
Leading Edge Pressures



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

Table C6. 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	-0.7122	-0.7159	-0.2784	*******	*******
0.100	-0.7002	-0.7233	-0.2659	*******	*******
0.150	-0.7069	-0.7392	-0.2529	*******	*******
0.200	-0.7344	-0.7569	-0.2491	*******	-0.6616
0.250	*******	-0.8069	-0.2765	-1.0442	-0.7413
0.300	-0.8124	-0.8833	-0.3279	-1.0669	-0.8212
0.350	-0.9340	-1.0024	-0.4357	-1.0838	-0.8525
0.400	-1.1148	-1.1607	-0.6068	-1.0748	-0.8452
0.450	-1.3343	-1.3484	-0.7894	-1.0317	-0.8056
0.500	-1.5426	-1.4665	-1.0478	-0.9757	-0.7731
0.525	*******	-1.5190	-1.1599	-0.9680	-0.7881
0.550	-1.6988	-1.6496	-1.2455	-0.9571	-0.7810
0.575	*******	-1.6989	-1.3209	-0.9756	-0.8034
0.600	-1.5510	-1.6997	-1.3655	-0.9946	-0.8022
0.625	*******	*******	-1.2439	-0.9938	-0.8062
0.650	-1.5600	-1.5513	-1.0693	-0.9984	-0.8004
0.675	*******	-1.5544	-1.0136	-1.0093	-0.7875
0.700	-1.5825	-1.5470	-0.9838	-1.0042	-0.7829
0.725	*******	-1.5487	*******	-1.0030	-0.7759
0.750	-1.6613	-1.5602	*******	-0.9797	-0.7563
0.775	*******	-1.5924	-0.8463	-0.9781	-0.7383
0.800	-1.5344	-1.6133	-0.8153	-0.9650	*******
0.825	*******	-1.5771	-0.8013	-0.9635	-0.6930
0.850	-1.4316	-1.5000	-0.8066	-0.9514	-0.6642
0.875	*******	-1.4409	-0.8030	-0.9347	-0.6379
0.900	-1.4627	-1.4246	-0.7701	-0.9206	*******
0.925	*******	-1.4276	-0.7342	-0.8999	-0.6062
0.950	-1.4586	-1.4312	-0.7194	-0.8826	-0.5562
0.975	*******	-1.4324	-0.7186	-0.8611	-0.5212
1.000	-1.4557	-1.4318	-0.7457	-0.8396	-0.4776
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.6741	0.5937	0.5505	*******	-0.4765
-0.400	0.6693	0.5971	0.5132	0.2948	-0.5377
-0.600	0.6595	0.5925	0.5051	0.3189	-0.5133
-0.700	*******	0.5808	0.5021	0.3308	-0.4739
-0.800	*******	*******	0.4798	0.3411	-0.3933
-0.850	*******	0.5023	0.4547	0.3330	-0.3653
-0.900	0.5145	0.4149	0.3952	0.3061	-0.3283
-0.950	0.4129	0.1079	0.2231	0.1918	-0.1240
-0.975	*******	-0.0157	0.0205	0.0320	-0.1205
-1.000	-1.4744	-1.3620	-0.9344	-0.6756	-0.4936



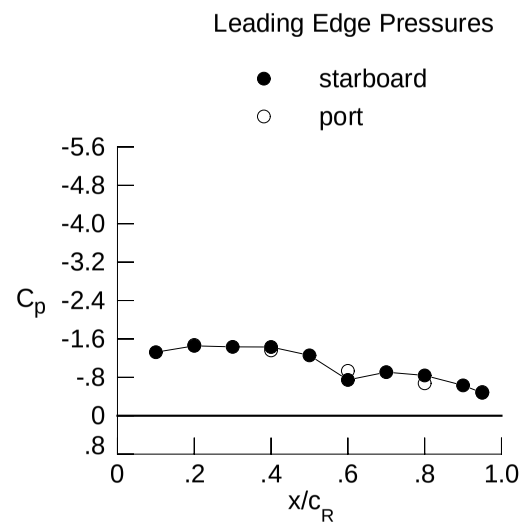
Small Radius L.E.

Run No. = 51 , Point No. = 1113

C_N = 1.188, C_m = -0.1757

α = 26.7 °, M_∞ = 0.850

R_{mac} = 72.1×10^6

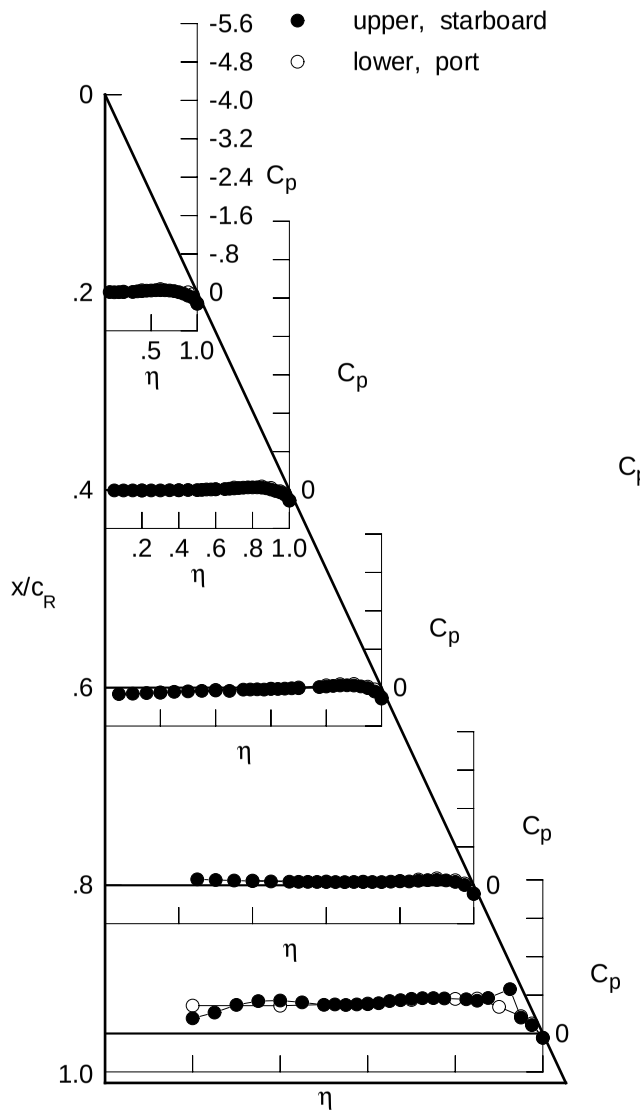


x/c_R	starb'd Cp	port Cp
0.10	-1.3235	*******
0.20	-1.4557	-1.4744
0.30	-1.4347	*******
0.40	-1.4318	-1.3620
0.50	-1.2578	*******
0.60	-0.7457	-0.9344
0.70	-0.9077	*******
0.80	-0.8396	-0.6756
0.90	-0.6318	*******
0.95	-0.4776	-0.4936

Table C6. Concluded.

η	x/c_R .2 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	-0.0072	0.0078	0.1339	*******	*******
0.100	-0.0020	0.0090	0.1253	*******	*******
0.150	-0.0047	0.0078	0.1128	*******	*******
0.200	-0.0068	0.0125	0.1009	*******	-0.3167
0.250	*******	0.0076	0.0872	-0.1240	-0.4360
0.300	-0.0091	0.0080	0.0775	-0.1105	-0.5957
0.350	-0.0215	0.0043	0.0668	-0.0994	-0.6756
0.400	-0.0263	0.0050	0.0591	-0.0870	-0.6869
0.450	-0.0349	-0.0005	0.0677	-0.0802	-0.6484
0.500	-0.0390	0.0014	0.0413	-0.0742	-0.5976
0.525	*******	-0.0036	0.0395	-0.0723	-0.6055
0.550	-0.0455	-0.0112	0.0355	-0.0710	-0.5944
0.575	*******	-0.0121	0.0410	-0.0696	-0.6057
0.600	-0.0465	-0.0150	0.0256	-0.0690	-0.6108
0.625	*******	*******	0.0272	-0.0672	-0.6316
0.650	-0.0452	-0.0198	0.0211	-0.0653	-0.6760
0.675	*******	-0.0271	0.0134	-0.0689	-0.6947
0.700	-0.0385	-0.0335	0.0113	-0.0685	-0.7228
0.725	*******	-0.0413	*******	-0.0682	-0.7361
0.750	-0.0264	-0.0489	*******	-0.0667	-0.7373
0.775	*******	-0.0549	-0.0119	-0.0748	-0.7301
0.800	-0.0039	-0.0552	-0.0239	-0.0825	*******
0.825	*******	-0.0557	-0.0361	-0.0800	-0.7134
0.850	0.0259	-0.0500	-0.0454	-0.0945	-0.6833
0.875	*******	-0.0365	-0.0491	-0.1072	-0.7400
0.900	0.0693	-0.0115	-0.0440	-0.1112	*******
0.925	*******	0.0190	-0.0259	-0.1016	-0.9238
0.950	0.1078	0.0471	0.0097	-0.0706	-0.3320
0.975	*******	0.0944	0.0797	-0.0056	-0.1742
1.000	0.2375	0.2205	0.2280	0.1815	0.0871
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	-0.0154	0.0056	0.1048	*******	-0.5814
-0.400	-0.0437	0.0037	0.0478	-0.0975	-0.5794
-0.600	-0.0689	-0.0168	0.0213	-0.0783	-0.6241
-0.700	*******	-0.0522	-0.0034	-0.0750	-0.6980
-0.800	*******	*******	-0.0486	-0.0900	-0.7204
-0.850	*******	-0.0747	-0.0718	-0.1202	-0.7277
-0.900	-0.0021	-0.0437	-0.0772	-0.1451	-0.5555
-0.950	0.0367	0.0249	-0.0201	-0.1047	-0.3616
-0.975	*******	0.0712	0.0359	-0.0373	-0.2096
-1.000	0.2260	0.2139	0.2023	0.1702	0.0901

Surface Pressures



Small Radius L.E.

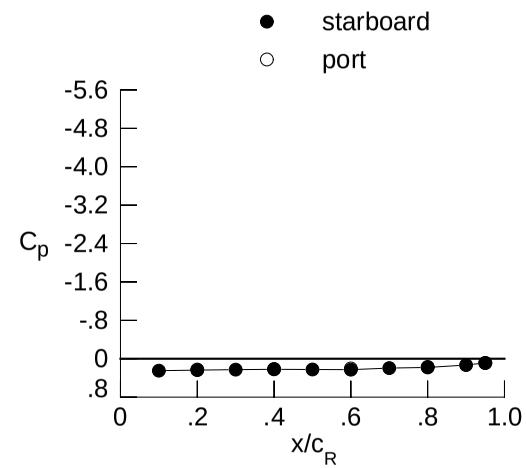
Run No. = 51 , Point No. = 1114

C_N = -0.010, C_m = 0.0005

α = -0.3 °, M_∞ = 0.849

R_{mac} = 72.5×10^6

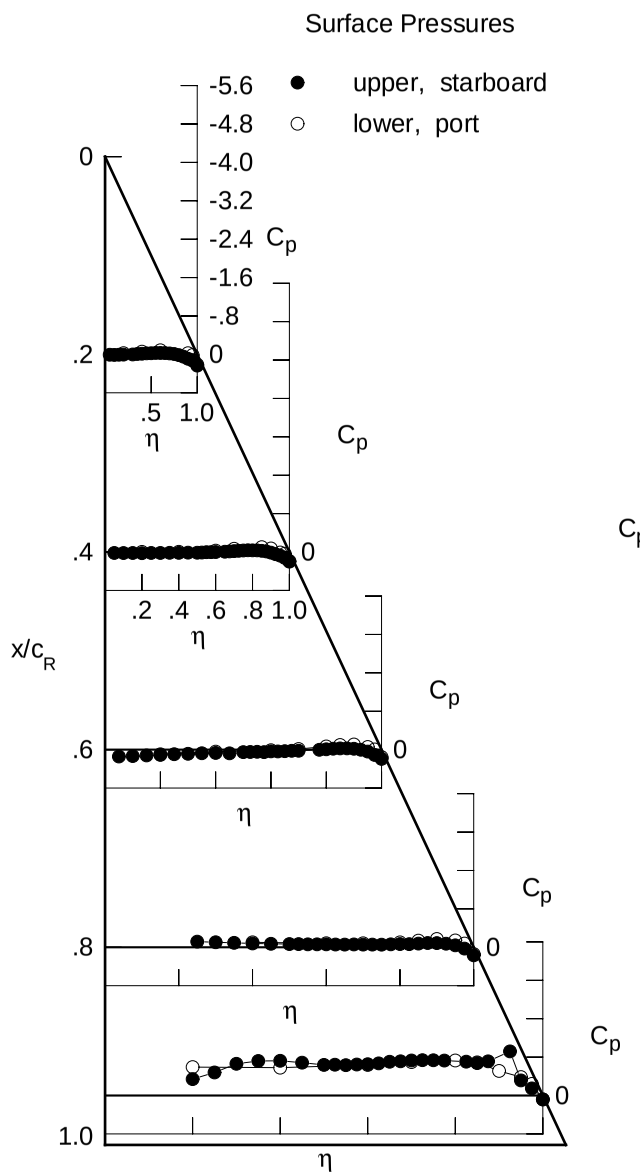
Leading Edge Pressures



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

Table C7. 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	0.0072	0.0189	0.1433	*******	*******
0.100	0.0109	0.0204	0.1334	*******	*******
0.150	0.0070	0.0199	0.1208	*******	*******
0.200	0.0050	0.0243	0.1094	*******	-0.3415
0.250	*******	0.0189	0.0951	-0.1178	-0.4797
0.300	0.0020	0.0195	0.0865	-0.1047	-0.6606
0.350	-0.0090	0.0162	0.0751	-0.0926	-0.7192
0.400	-0.0137	0.0169	0.0685	-0.0797	-0.7235
0.450	-0.0216	0.0130	0.0766	-0.0726	-0.6836
0.500	-0.0243	0.0147	0.0516	-0.0675	-0.6379
0.525	*******	0.0107	0.0488	-0.0666	-0.6416
0.550	-0.0301	0.0035	0.0450	-0.0615	-0.6324
0.575	*******	0.0025	0.0516	-0.0619	-0.6455
0.600	-0.0299	-0.0003	0.0359	-0.0617	-0.6520
0.625	*******	*******	0.0378	-0.0576	-0.6698
0.650	-0.0281	-0.0061	0.0317	-0.0560	-0.7036
0.675	*******	-0.0130	0.0243	-0.0589	-0.7126
0.700	-0.0196	-0.0191	0.0231	-0.0560	-0.7298
0.725	*******	-0.0254	*******	-0.0561	-0.7360
0.750	-0.0076	-0.0318	*******	-0.0542	-0.7347
0.775	*******	-0.0368	0.0028	-0.0616	-0.7277
0.800	0.0154	-0.0356	-0.0071	-0.0675	*******
0.825	*******	-0.0343	-0.0191	-0.0653	-0.7047
0.850	0.0469	-0.0259	-0.0256	-0.0770	-0.6749
0.875	*******	-0.0119	-0.0265	-0.0885	-0.7118
0.900	0.0911	0.0131	-0.0182	-0.0875	*******
0.925	*******	0.0449	0.0026	-0.0745	-0.9192
0.950	0.1300	0.0751	0.0403	-0.0409	-0.3144
0.975	*******	0.1224	0.1107	0.0272	-0.1482
1.000	0.2332	0.2002	0.1929	0.1671	0.0808
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0258	-0.0033	0.0965	*******	-0.5917
-0.400	-0.0567	-0.0049	0.0419	-0.1034	-0.5800
-0.600	-0.0854	-0.0285	0.0116	-0.0837	-0.6372
-0.700	*******	-0.0682	-0.0129	-0.0833	-0.6966
-0.800	*******	*******	-0.0665	-0.1028	-0.7293
-0.850	*******	-0.1017	-0.0968	-0.1386	-0.6906
-0.900	-0.0247	-0.0748	-0.1072	-0.1725	-0.5117
-0.950	0.0125	0.0099	-0.0555	-0.1424	-0.3841
-0.975	*******	0.0350	-0.0042	-0.0773	-0.2415
-1.000	0.2113	0.1890	0.1542	0.1411	0.0818



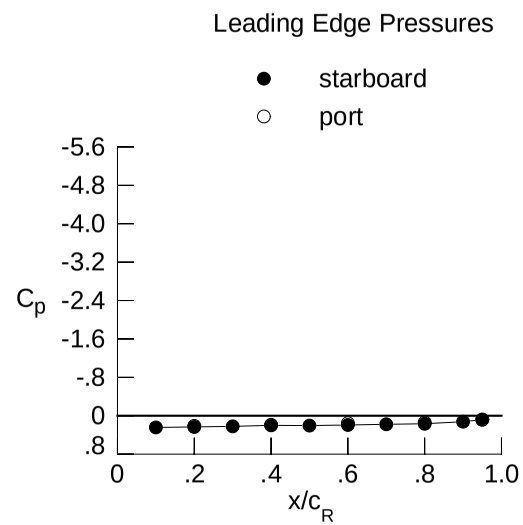
Small Radius L.E.

Run No. = 50 , Point No. = 1070

C_N = -0.036, C_m = 0.0069

α = -0.9 °, M_∞ = 0.850

$R_{mac} = 83.9 \times 10^6$

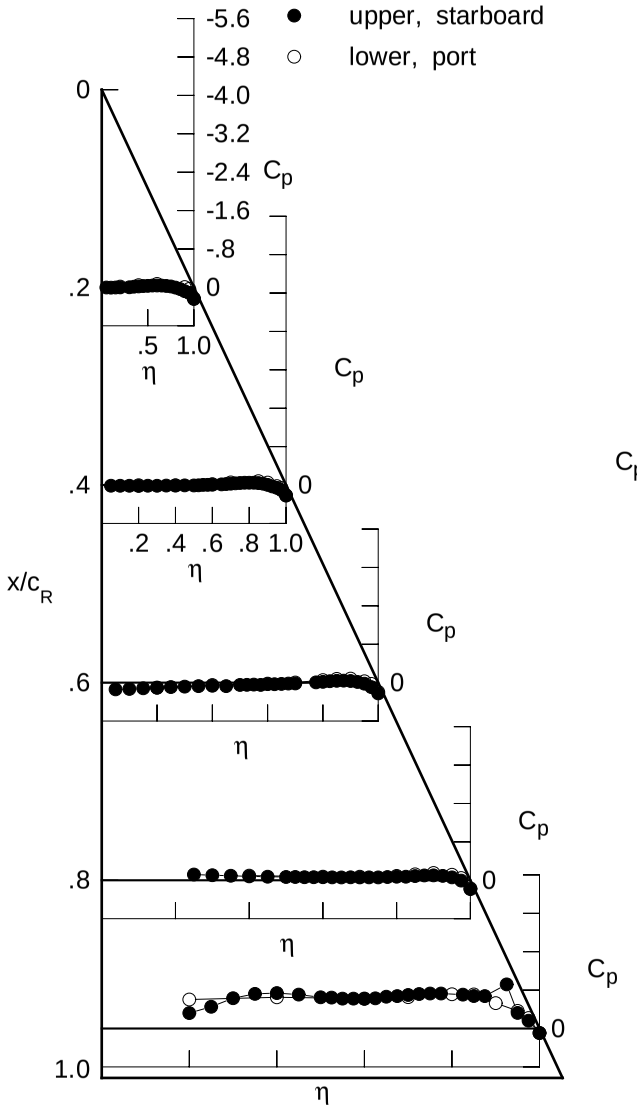


x/c_R	starb'd C_p	port C_p
0.10	0.2442	*******
0.20	0.2332	0.2113
0.30	0.2215	*******
0.40	0.2002	0.1890
0.50	0.2054	*******
0.60	0.1929	0.1542
0.70	0.1786	*******
0.80	0.1671	0.1411
0.90	0.1242	*******
0.95	0.0808	0.0818

Table C7. Continued.

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

Surface Pressures



Small Radius L.E.

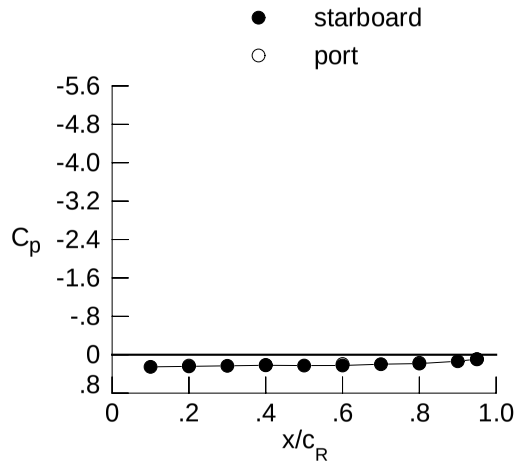
Run No. = 50 , Point No. = 1071

C_N = -0.020, C_m = 0.0039

α = -0.5 °, M_∞ = 0.850

R_{mac} = 84.0×10^6

Leading Edge Pressures

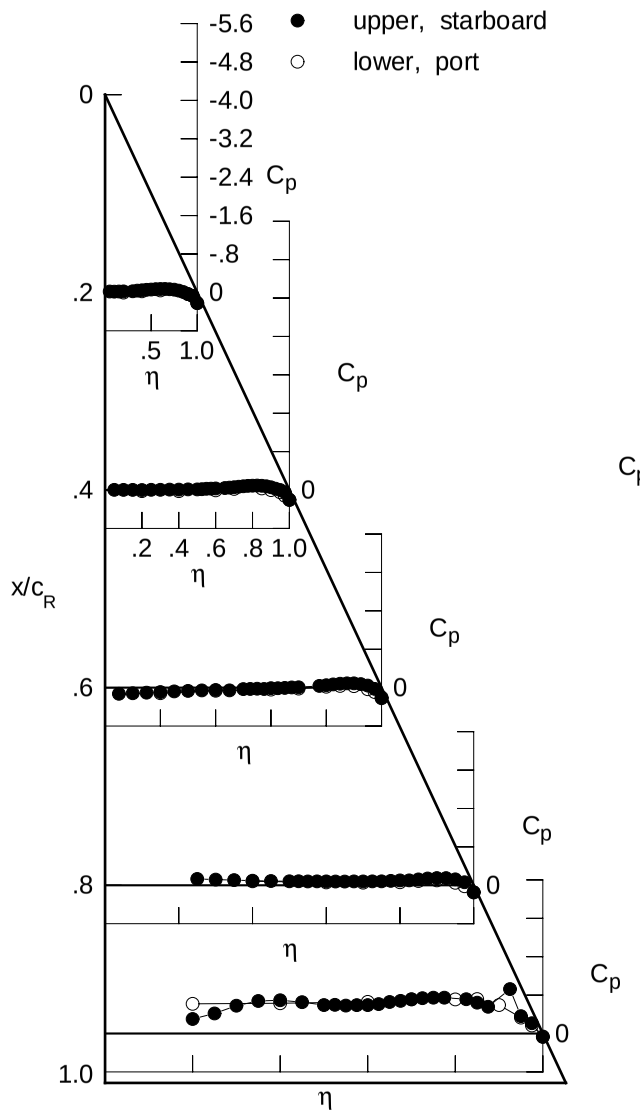


x/c_R	starb'd C_p	port C_p
0.10	0.2527	*******
0.20	0.2424	0.2264
0.30	0.2312	*******
0.40	0.2201	0.2129
0.50	0.2259	*******
0.60	0.2242	0.1940
0.70	0.1972	*******
0.80	0.1844	0.1684
0.90	0.1358	*******
0.95	0.0920	0.0956

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0183	-0.0037	0.1277	*******	*******
0.100	-0.0150	-0.0032	0.1170	*******	*******
0.150	-0.0184	-0.0036	0.1046	*******	*******
0.200	-0.0207	0.0004	0.0921	*******	-0.3024
0.250	*******	-0.0050	0.0780	-0.1322	-0.4179
0.300	-0.0233	-0.0049	0.0681	-0.1187	-0.5793
0.350	-0.0372	-0.0088	0.0576	-0.1077	-0.6775
0.400	-0.0438	-0.0088	0.0486	-0.0956	-0.6926
0.450	-0.0537	-0.0136	0.0571	-0.0892	-0.6528
0.500	-0.0588	-0.0132	0.0302	-0.0831	-0.5929
0.525	*******	-0.0173	0.0273	-0.0842	-0.5976
0.550	-0.0673	-0.0263	0.0224	-0.0801	-0.5815
0.575	*******	-0.0285	0.0280	-0.0812	-0.5910
0.600	-0.0701	-0.0329	0.0114	-0.0809	-0.5919
0.625	*******	*******	0.0124	-0.0786	-0.6129
0.650	-0.0715	-0.0413	0.0055	-0.0776	-0.6565
0.675	*******	-0.0502	-0.0040	-0.0809	-0.6802
0.700	-0.0657	-0.0583	-0.0074	-0.0797	-0.7102
0.725	*******	-0.0684	*******	-0.0816	-0.7358
0.750	-0.0569	-0.0785	*******	-0.0825	-0.7463
0.775	*******	-0.0870	-0.0361	-0.0917	-0.7465
0.800	-0.0365	-0.0906	-0.0507	-0.1015	*******
0.825	*******	-0.0939	-0.0672	-0.1028	-0.7147
0.850	-0.0069	-0.0887	-0.0815	-0.1222	-0.6422
0.875	*******	-0.0786	-0.0897	-0.1417	-0.5570
0.900	0.0358	-0.0575	-0.0893	-0.1507	*******
0.925	*******	-0.0283	-0.0735	-0.1492	-0.9259
0.950	0.0726	-0.0009	-0.0429	-0.1242	-0.3620
0.975	*******	0.0450	0.0254	-0.0630	-0.2147
1.000	0.2239	0.2014	0.2207	0.1437	0.0709
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0040	0.0230	0.1163	*******	-0.6184
-0.400	-0.0221	0.0235	0.0646	-0.0834	-0.6305
-0.600	-0.0411	0.0060	0.0406	-0.0602	-0.6589
-0.700	*******	-0.0235	0.0200	-0.0548	-0.7136
-0.800	*******	*******	-0.0188	-0.0634	-0.7106
-0.850	*******	-0.0334	-0.0361	-0.0891	-0.7178
-0.900	0.0343	0.0015	-0.0313	-0.1028	-0.5929
-0.950	0.0743	0.0468	0.0331	-0.0521	-0.3313
-0.975	*******	0.1197	0.0921	0.0203	-0.1675
-1.000	0.2219	0.2075	0.2022	0.1494	0.0620

Surface Pressures



Small Radius L.E.

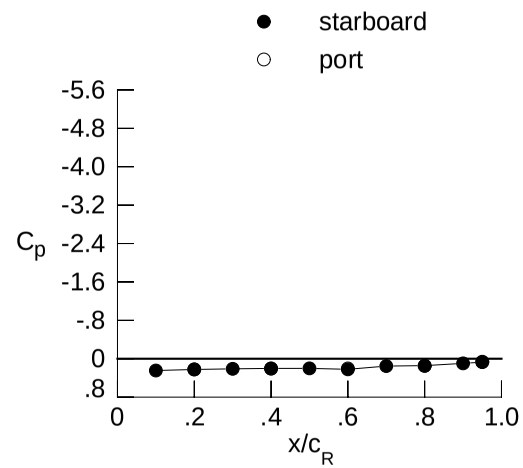
Run No. = 50 , Point No. = 1072

C_N = 0.021, C_m = -0.0028

α = 0.6 °, M_∞ = 0.848

R_{mac} = 83.9×10^6

Leading Edge Pressures

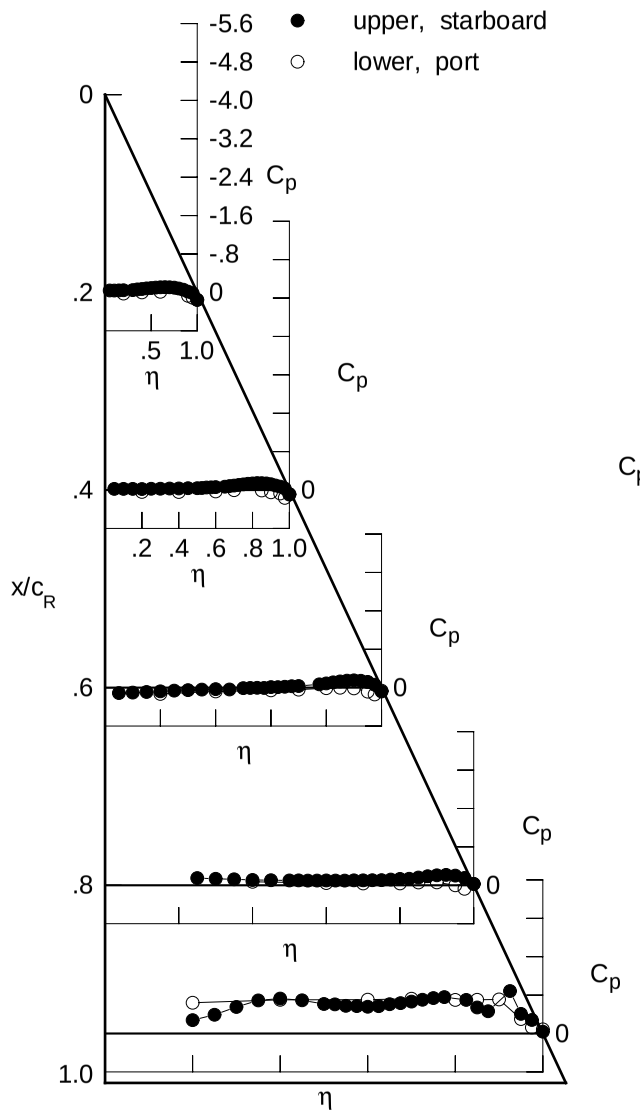


x/c_R	starb'd C_p	port C_p
0.10	0.2457	*******
0.20	0.2239	0.2219
0.30	0.2106	*******
0.40	0.2014	0.2075
0.50	0.2009	*******
0.60	0.2207	0.2022
0.70	0.1531	*******
0.80	0.1437	0.1494
0.90	0.0966	*******
0.95	0.0709	0.0620

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0401	-0.0238	0.1126	*******	*******
0.100	-0.0386	-0.0242	0.1031	*******	*******
0.150	-0.0415	-0.0237	0.0901	*******	*******
0.200	-0.0448	-0.0205	0.0770	*******	-0.2783
0.250	*******	-0.0265	0.0624	-0.1501	-0.3905
0.300	-0.0474	-0.0269	0.0516	-0.1352	-0.5529
0.350	-0.0622	-0.0311	0.0405	-0.1245	-0.6898
0.400	-0.0703	-0.0325	0.0314	-0.1115	-0.7284
0.450	-0.0832	-0.0383	0.0385	-0.1058	-0.6918
0.500	-0.0901	-0.0385	0.0107	-0.1010	-0.6150
0.525	*******	-0.0425	0.0064	-0.1020	-0.6069
0.550	-0.1003	-0.0532	0.0029	-0.0980	-0.5767
0.575	*******	-0.0558	0.0067	-0.0987	-0.5709
0.600	-0.1067	-0.0605	-0.0109	-0.1010	-0.5579
0.625	*******	*******	-0.0102	-0.0982	-0.5693
0.650	-0.1089	-0.0699	-0.0183	-0.0978	-0.6105
0.675	*******	-0.0820	-0.0295	-0.1029	-0.6330
0.700	-0.1063	-0.0930	-0.0339	-0.1031	-0.6647
0.725	*******	-0.1054	*******	-0.1057	-0.7030
0.750	-0.0994	-0.1177	*******	-0.1074	-0.7385
0.775	*******	-0.1304	-0.0688	-0.1194	-0.7580
0.800	-0.0808	-0.1379	-0.0879	-0.1331	*******
0.825	*******	-0.1448	-0.1100	-0.1356	-0.6996
0.850	-0.0562	-0.1436	-0.1299	-0.1617	-0.5420
0.875	*******	-0.1376	-0.1453	-0.1884	-0.4640
0.900	-0.0156	-0.1211	-0.1518	-0.2084	*******
0.925	*******	-0.0944	-0.1432	-0.2164	-0.8845
0.950	0.0164	-0.0713	-0.1200	-0.2018	-0.4090
0.975	*******	-0.0324	-0.0605	-0.1526	-0.2827
1.000	0.1545	0.0849	0.0798	-0.0280	-0.0380
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0238	0.0394	0.1305	*******	-0.6411
-0.400	-0.0003	0.0411	0.0782	-0.0727	-0.7014
-0.600	-0.0128	0.0287	0.0564	-0.0466	-0.7046
-0.700	*******	0.0034	0.0419	-0.0387	-0.7245
-0.800	*******	*******	0.0111	-0.0389	-0.6999
-0.850	*******	0.0090	0.0016	-0.0593	-0.7025
-0.900	0.0716	0.0471	0.0154	-0.0610	-0.7097
-0.950	0.1113	0.0714	0.0833	-0.0002	-0.3015
-0.975	*******	0.1635	0.1412	0.0730	-0.1261
-1.000	0.1564	0.0943	0.0632	-0.0288	-0.0865

Surface Pressures



Small Radius L.E.

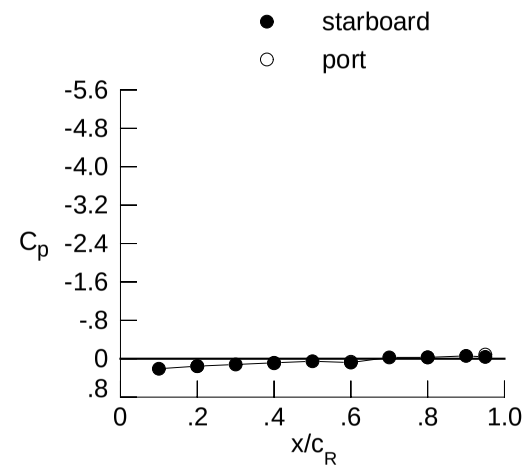
Run No. = 50 , Point No. = 1073

C_N = 0.063, C_m = -0.0086

α = 1.7 °, M_∞ = 0.851

$R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

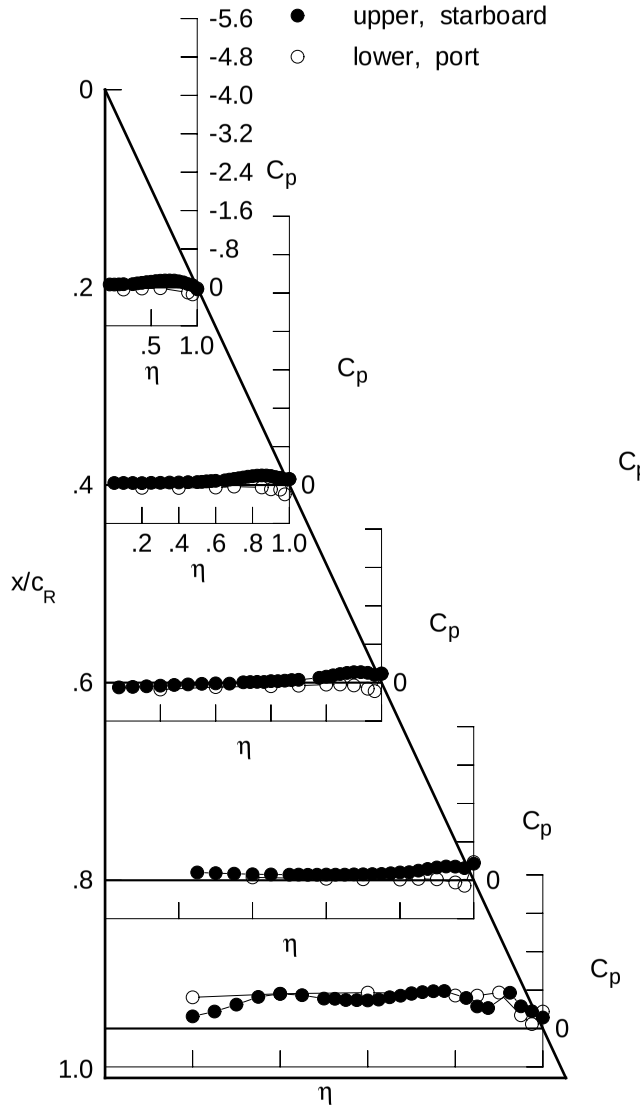


x/c_R	starb'd C_p	port C_p
0.10	0.2086	*******
0.20	0.1545	0.1564
0.30	0.1200	*******
0.40	0.0849	0.0943
0.50	0.0528	*******
0.60	0.0798	0.0632
0.70	-0.0274	*******
0.80	-0.0280	-0.0288
0.90	-0.0592	*******
0.95	-0.0380	-0.0865

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0611	-0.0420	0.0994	*******	*******
0.100	-0.0592	-0.0431	0.0890	*******	*******
0.150	-0.0625	-0.0424	0.0763	*******	*******
0.200	-0.0663	-0.0397	0.0629	*******	-0.2531
0.250	*******	-0.0454	0.0481	-0.1633	-0.3537
0.300	-0.0674	-0.0465	0.0372	-0.1484	-0.4975
0.350	-0.0841	-0.0519	0.0250	-0.1374	-0.6587
0.400	-0.0944	-0.0536	0.0155	-0.1255	-0.7219
0.450	-0.1086	-0.0604	0.0209	-0.1212	-0.6943
0.500	-0.1176	-0.0616	-0.0072	-0.1164	-0.6233
0.525	*******	-0.0660	-0.0117	-0.1180	-0.6191
0.550	-0.1301	-0.0777	-0.0163	-0.1141	-0.5932
0.575	*******	-0.0823	-0.0137	-0.1162	-0.5915
0.600	-0.1395	-0.0881	-0.0313	-0.1190	-0.5845
0.625	*******	*******	-0.0312	-0.1168	-0.6027
0.650	-0.1443	-0.0978	-0.0410	-0.1176	-0.6514
0.675	*******	-0.1125	-0.0533	-0.1231	-0.6835
0.700	-0.1447	-0.1266	-0.0588	-0.1244	-0.7232
0.725	*******	-0.1418	*******	-0.1288	-0.7574
0.750	-0.1421	-0.1567	*******	-0.1322	-0.7765
0.775	*******	-0.1734	-0.1011	-0.1466	-0.7807
0.800	-0.1268	-0.1850	-0.1247	-0.1634	*******
0.825	*******	-0.1960	-0.1527	-0.1692	-0.6360
0.850	-0.1050	-0.1997	-0.1793	-0.2011	-0.4599
0.875	*******	-0.1983	-0.2027	-0.2362	-0.4268
0.900	-0.0686	-0.1878	-0.2176	-0.2673	*******
0.925	*******	-0.1654	-0.2180	-0.2869	-0.7451
0.950	-0.0437	-0.1500	-0.2050	-0.2852	-0.4622
0.975	*******	-0.1218	-0.1597	-0.2534	-0.3585
1.000	0.0393	-0.1267	-0.1825	-0.3460	-0.2285
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0443	0.0577	0.1433	*******	-0.6497
-0.400	0.0236	0.0611	0.0928	-0.0602	-0.7246
-0.600	0.0171	0.0522	0.0740	-0.0322	-0.7474
-0.700	*******	0.0320	0.0631	-0.0220	-0.7355
-0.800	*******	*******	0.0408	-0.0149	-0.6872
-0.850	*******	0.0496	0.0377	-0.0291	-0.6846
-0.900	0.1072	0.0891	0.0580	-0.0209	-0.7490
-0.950	0.1456	0.0940	0.1262	0.0452	-0.2759
-0.975	*******	0.1947	0.1776	0.1138	-0.0930
-1.000	0.0200	-0.1203	-0.1922	-0.3794	-0.3530

Surface Pressures



Small Radius L.E.

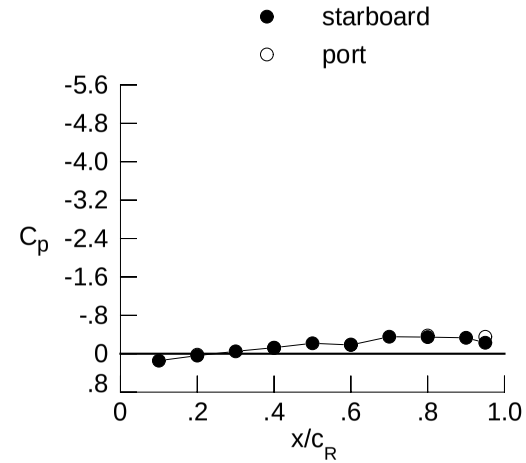
Run No. = 50 , Point No. = 1074

C_N = 0.106, C_m = -0.0165

α = 2.7 °, M_∞ = 0.849

R_{mac} = 84.0×10^6

Leading Edge Pressures

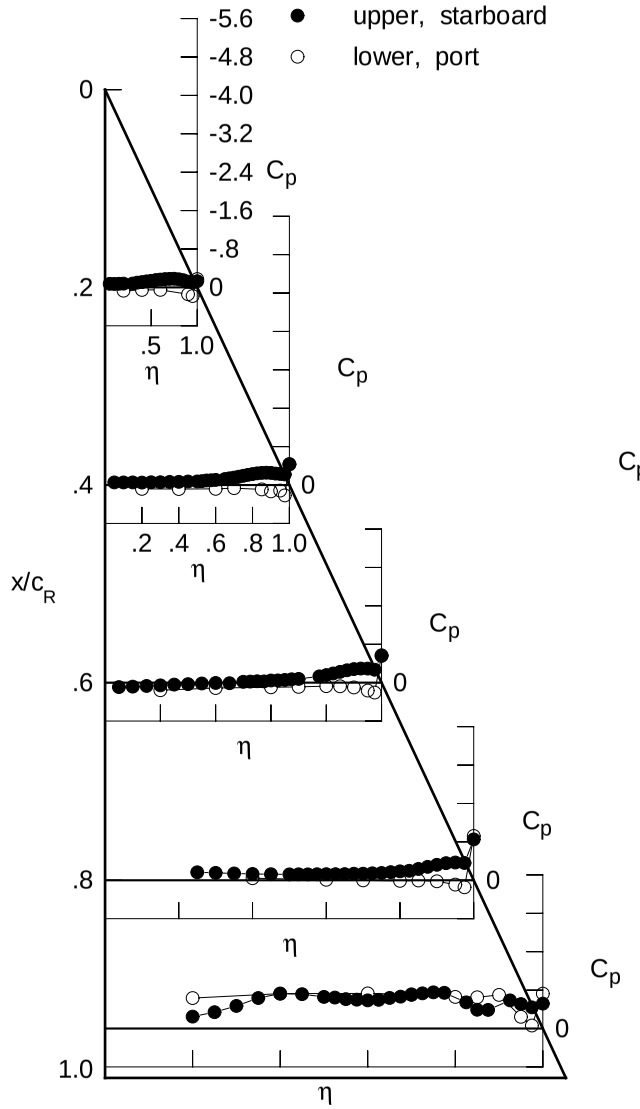


x/c_R	starb'd C_p	port C_p
0.10	0.1445	*******
0.20	0.0393	0.0200
0.30	-0.0499	*******
0.40	-0.1267	-0.1203
0.50	-0.2178	*******
0.60	-0.1825	-0.1922
0.70	-0.3546	*******
0.80	-0.3460	-0.3794
0.90	-0.3320	*******
0.95	-0.2285	-0.3530

Table C7. Continued.

η	x/c_R .2	x/c_R .4	x/c_R .6	x/c_R .8	x/c_R .95
	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$	$C_{p,u}$
0.050	-0.0741	-0.0542	0.0931	*******	*******
0.100	-0.0711	-0.0535	0.0834	*******	*******
0.150	-0.0755	-0.0541	0.0690	*******	*******
0.200	-0.0785	-0.0512	0.0567	*******	-0.2478
0.250	*******	-0.0575	0.0411	-0.1668	-0.3403
0.300	-0.0803	-0.0581	0.0309	-0.1546	-0.4708
0.350	-0.0993	-0.0645	0.0177	-0.1423	-0.6351
0.400	-0.1108	-0.0661	0.0067	-0.1318	-0.7269
0.450	-0.1260	-0.0736	0.0123	-0.1264	-0.7148
0.500	-0.1366	-0.0753	-0.0174	-0.1235	-0.6585
0.525	*******	-0.0805	-0.0223	-0.1248	-0.6449
0.550	-0.1526	-0.0949	-0.0285	-0.1232	-0.6117
0.575	*******	-0.0993	-0.0255	-0.1254	-0.6009
0.600	-0.1631	-0.1072	-0.0448	-0.1273	-0.5867
0.625	*******	*******	-0.0464	-0.1273	-0.5976
0.650	-0.1731	-0.1244	-0.0559	-0.1286	-0.6365
0.675	*******	-0.1398	-0.0699	-0.1367	-0.6641
0.700	-0.1773	-0.1553	-0.0778	-0.1380	-0.7005
0.725	*******	-0.1733	*******	-0.1457	-0.7329
0.750	-0.1796	-0.1926	*******	-0.1521	-0.7536
0.775	*******	-0.2120	-0.1302	-0.1695	-0.7441
0.800	-0.1689	-0.2287	-0.1577	-0.1865	*******
0.825	*******	-0.2440	-0.1914	-0.1976	-0.5445
0.850	-0.1492	-0.2531	-0.2250	-0.2363	-0.3913
0.875	*******	-0.2572	-0.2574	-0.2803	-0.3877
0.900	-0.1195	-0.2525	-0.2824	-0.3224	*******
0.925	*******	-0.2381	-0.2935	-0.3566	-0.5866
0.950	-0.1049	-0.2316	-0.2932	-0.3707	-0.5099
0.975	*******	-0.2205	-0.2688	-0.3606	-0.4407
1.000	-0.1287	-0.4286	-0.5570	-0.8520	-0.5182
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0688	0.0798	0.1586	*******	-0.6342
-0.400	0.0524	0.0834	0.1118	-0.0430	-0.7263
-0.600	0.0510	0.0794	0.0971	-0.0112	-0.7308
-0.700	*******	0.0646	0.0882	0.0017	-0.7125
-0.800	*******	*******	0.0731	0.0124	-0.6581
-0.850	*******	0.0915	0.0761	0.0043	-0.6504
-0.900	0.1434	0.1316	0.1003	0.0210	-0.6996
-0.950	0.1798	0.1155	0.1651	0.0893	-0.2436
-0.975	*******	0.2158	0.2062	0.1460	-0.0626
-1.000	-0.1733	-0.4378	-0.5706	-0.9231	-0.7267

Surface Pressures



Small Radius L.E.

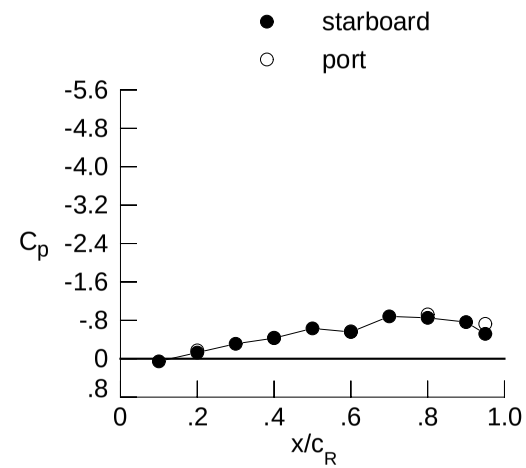
Run No. = 50 , Point No. = 1075

C_N = 0.148, C_m = -0.0232

α = 3.8 °, M_∞ = 0.850

$R_{mac} = 84.1 \times 10^6$

Leading Edge Pressures

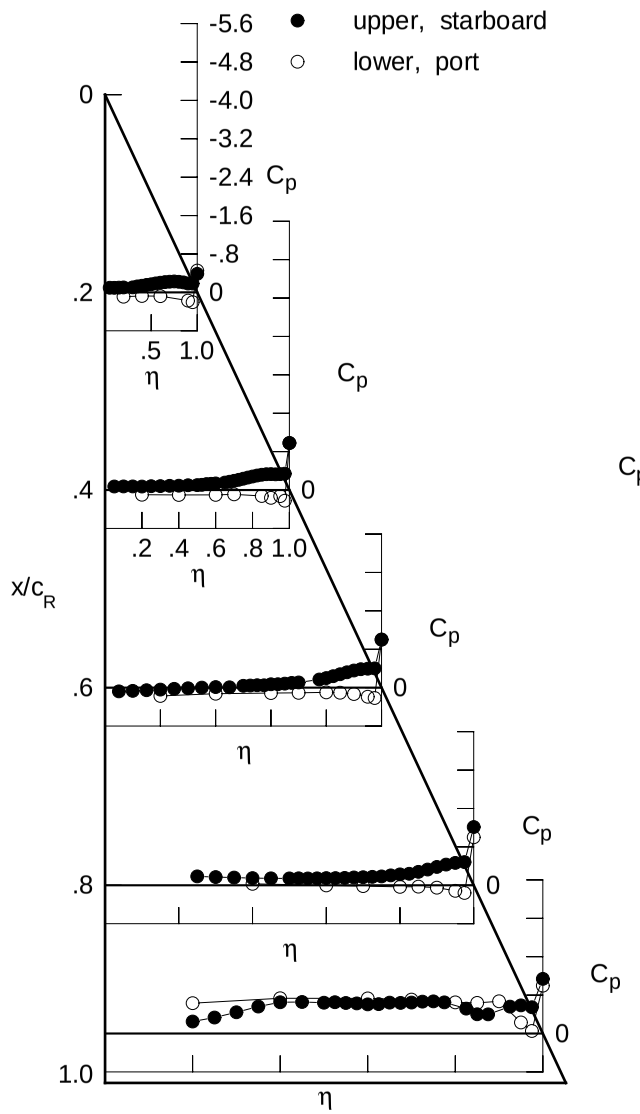


x/c_R	starb'd C_p	port C_p
0.10	0.0551	*******
0.20	-0.1287	-0.1733
0.30	-0.3115	*******
0.40	-0.4286	-0.4378
0.50	-0.6319	*******
0.60	-0.5570	-0.5706
0.70	-0.8823	*******
0.80	-0.8520	-0.9231
0.90	-0.7631	*******
0.95	-0.5182	-0.7267

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0968	-0.0739	0.0774	*******	*******
0.100	-0.0950	-0.0754	0.0674	*******	*******
0.150	-0.0995	-0.0756	0.0536	*******	*******
0.200	-0.1034	-0.0728	0.0405	*******	-0.2500
0.250	*******	-0.0799	0.0247	-0.1852	-0.3330
0.300	-0.1046	-0.0814	0.0126	-0.1713	-0.4422
0.350	-0.1252	-0.0883	-0.0009	-0.1607	-0.5617
0.400	-0.1383	-0.0904	-0.0117	-0.1493	-0.6511
0.450	-0.1555	-0.0996	-0.0072	-0.1449	-0.6565
0.500	-0.1692	-0.1023	-0.0381	-0.1428	-0.6418
0.525	*******	-0.1085	-0.0442	-0.1456	-0.6519
0.550	-0.1871	-0.1236	-0.0502	-0.1423	-0.6364
0.575	*******	-0.1295	-0.0491	-0.1452	-0.6276
0.600	-0.2015	-0.1377	-0.0701	-0.1493	-0.6071
0.625	*******	*******	-0.0713	-0.1495	-0.6120
0.650	-0.2143	-0.1550	-0.0835	-0.1532	-0.6430
0.675	*******	-0.1732	-0.0981	-0.1635	-0.6373
0.700	-0.2221	-0.1920	-0.1080	-0.1680	-0.6450
0.725	*******	-0.2130	*******	-0.1759	-0.6640
0.750	-0.2277	-0.2358	*******	-0.1851	-0.6696
0.775	*******	-0.2603	-0.1694	-0.2068	-0.6486
0.800	-0.2208	-0.2816	-0.1995	-0.2272	*******
0.825	*******	-0.3028	-0.2383	-0.2399	-0.5184
0.850	-0.2082	-0.3185	-0.2792	-0.2799	-0.4006
0.875	*******	-0.3297	-0.3204	-0.3277	-0.3994
0.900	-0.1851	-0.3317	-0.3570	-0.3828	*******
0.925	*******	-0.3275	-0.3837	-0.4314	-0.5598
0.950	-0.1843	-0.3316	-0.3944	-0.4665	-0.5865
0.975	*******	-0.3410	-0.4017	-0.4829	-0.5472
1.000	-0.3865	-0.9781	-1.0025	-1.2136	-1.1383
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.0894	0.0973	0.1729	*******	-0.6316
-0.400	0.0747	0.1021	0.1261	-0.0306	-0.7340
-0.600	0.0782	0.1009	0.1130	0.0025	-0.7310
-0.700	*******	0.0897	0.1076	0.0167	-0.7063
-0.800	*******	*******	0.0983	0.0328	-0.6488
-0.850	*******	0.1240	0.1058	0.0284	-0.6375
-0.900	0.1714	0.1623	0.1326	0.0493	-0.6713
-0.950	0.2040	0.1267	0.1900	0.1150	-0.2307
-0.975	*******	0.2225	0.2157	0.1596	-0.0526
-1.000	-0.4543	-0.9805	-0.9989	-1.0002	-0.9970

Surface Pressures



Small Radius L.E.

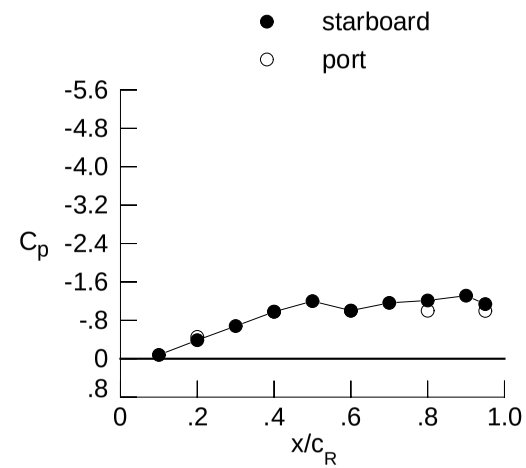
Run No. = 50 , Point No. = 1076

C_N = 0.193, C_m = -0.0310

α = 4.8 °, M_∞ = 0.850

R_{mac} = 84.1×10^6

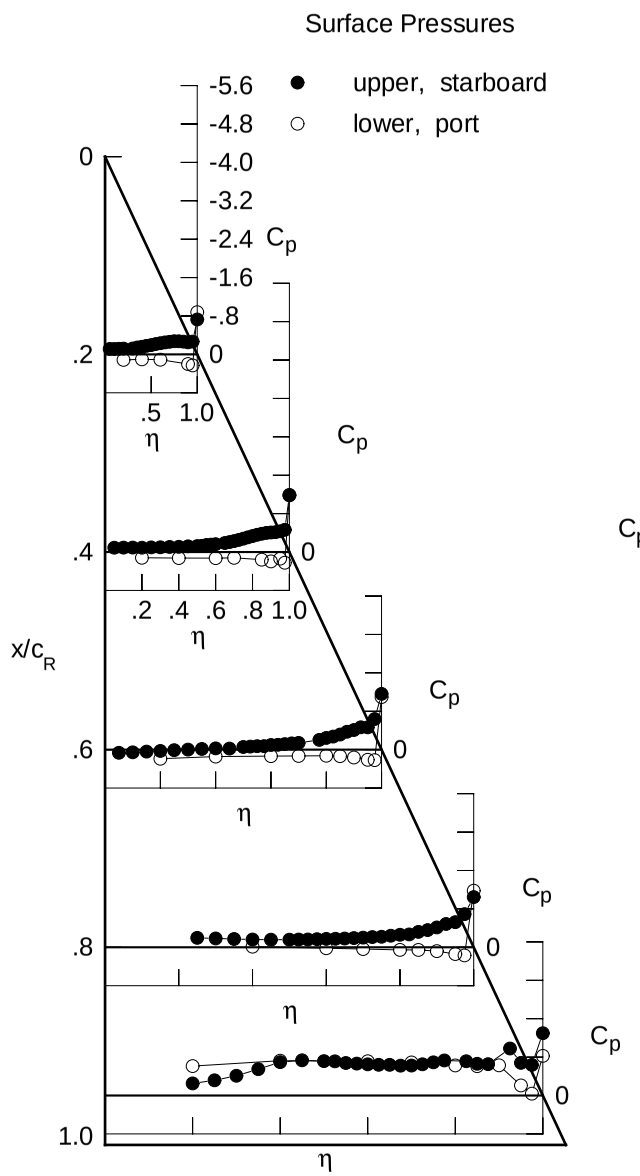
Leading Edge Pressures



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

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1136	-0.0903	0.0655	*******	*******
0.100	-0.1117	-0.0922	0.0560	*******	*******
0.150	-0.1170	-0.0926	0.0409	*******	*******
0.200	-0.1210	-0.0901	0.0274	*******	-0.2518
0.250	*******	-0.0968	0.0113	-0.1971	-0.3169
0.300	-0.1222	-0.0990	-0.0007	-0.1843	-0.4114
0.350	-0.1444	-0.1064	-0.0144	-0.1726	-0.5487
0.400	-0.1592	-0.1095	-0.0265	-0.1616	-0.6950
0.450	-0.1784	-0.1192	-0.0222	-0.1587	-0.7337
0.500	-0.1935	-0.1237	-0.0550	-0.1581	-0.7158
0.525	*******	-0.1299	-0.0630	-0.1616	-0.7120
0.550	-0.2152	-0.1469	-0.0723	-0.1626	-0.6777
0.575	*******	-0.1544	-0.0729	-0.1689	-0.6648
0.600	-0.2325	-0.1643	-0.0968	-0.1753	-0.6498
0.625	*******	*******	-0.1005	-0.1773	-0.6402
0.650	-0.2499	-0.1877	-0.1154	-0.1822	-0.6390
0.675	*******	-0.2076	-0.1306	-0.1919	-0.6215
0.700	-0.2625	-0.2279	-0.1409	-0.2006	-0.6239
0.725	*******	-0.2517	*******	-0.2127	-0.6503
0.750	-0.2742	-0.2785	*******	-0.2193	-0.6914
0.775	*******	-0.3062	-0.2033	-0.2410	-0.7306
0.800	-0.2737	-0.3324	-0.2441	-0.2608	*******
0.825	*******	-0.3591	-0.2717	-0.2682	-0.7139
0.850	-0.2654	-0.3810	-0.3141	-0.3206	-0.6610
0.875	*******	-0.3983	-0.3726	-0.3585	-0.6526
0.900	-0.2516	-0.4073	-0.4086	-0.4139	*******
0.925	*******	-0.4147	-0.4659	-0.4855	-0.9791
0.950	-0.2672	-0.4323	-0.4639	-0.5231	-0.6802
0.975	*******	-0.4630	-0.6372	-0.6907	-0.6372
1.000	-0.7271	-1.1799	-1.1614	-1.0455	-1.2974
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1142	0.1194	0.1893	*******	-0.6128
-0.400	0.1031	0.1254	0.1444	-0.0129	-0.7253
-0.600	0.1102	0.1272	0.1349	0.0197	-0.7133
-0.700	*******	0.1205	0.1311	0.0365	-0.6887
-0.800	*******	*******	0.1269	0.0548	-0.6262
-0.850	*******	0.1593	0.1363	0.0552	-0.6116
-0.900	0.2011	0.1949	0.1638	0.0803	-0.6291
-0.950	0.2293	0.1379	0.2111	0.1406	-0.2100
-0.975	*******	0.2227	0.2188	0.1684	-0.0382
-1.000	-0.8792	-1.1901	-1.0953	-1.1790	-0.8257



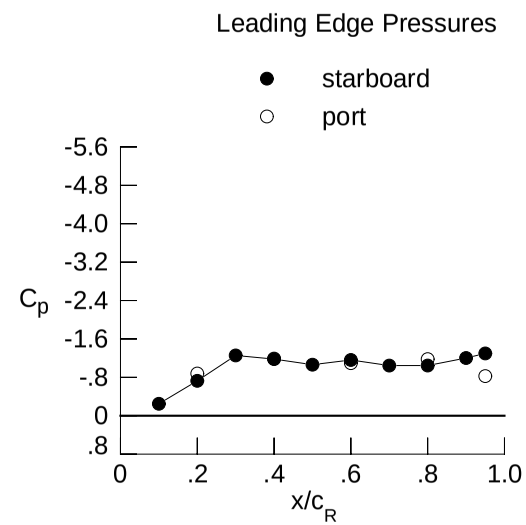
Small Radius L.E.

Run No. = 50 , Point No. = 1077

C_N = 0.244, C_m = -0.0415

α = 6.0 °, M_∞ = 0.849

R_{mac} = 84.2×10^6

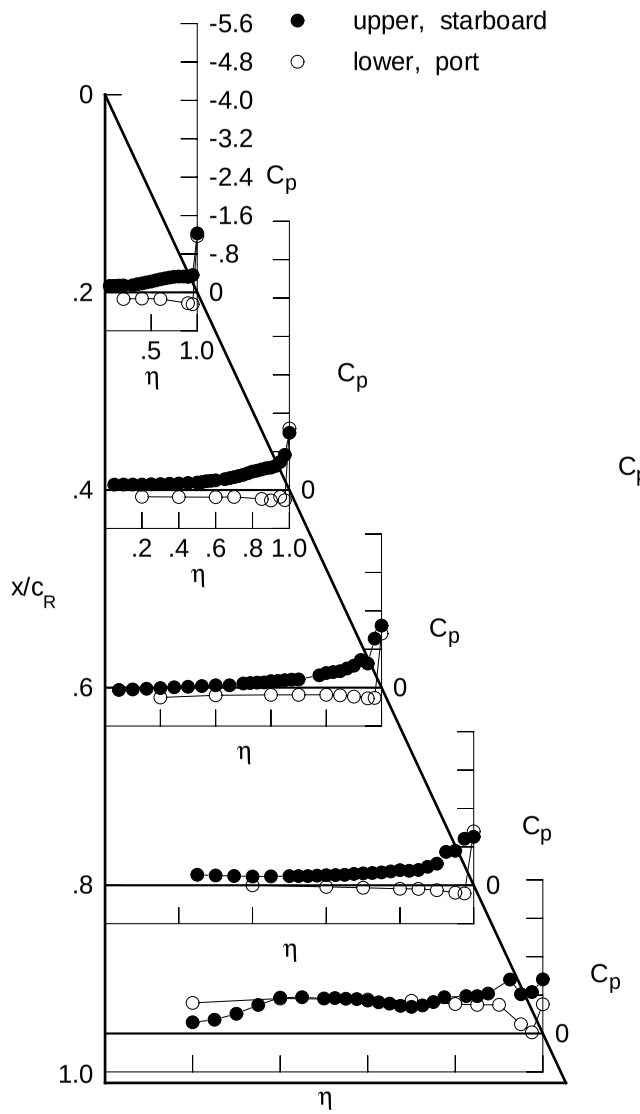


x/c_R	starb'd C_p	port C_p
0.10	-0.2487	*******
0.20	-0.7271	-0.8792
0.30	-1.2557	*******
0.40	-1.1799	-1.1901
0.50	-1.0634	*******
0.60	-1.1614	-1.0953
0.70	-1.0450	*******
0.80	-1.0455	-1.1790
0.90	-1.2025	*******
0.95	-1.2974	-0.8257

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1353	-0.1128	0.0480	*******	*******
0.100	-0.1352	-0.1149	0.0379	*******	*******
0.150	-0.1405	-0.1147	0.0229	*******	*******
0.200	-0.1447	-0.1136	0.0087	*******	-0.2332
0.250	*******	-0.1206	-0.0070	-0.2188	-0.2876
0.300	-0.1467	-0.1241	-0.0187	-0.2036	-0.4111
0.350	-0.1697	-0.1312	-0.0332	-0.1933	-0.5953
0.400	-0.1865	-0.1360	-0.0492	-0.1834	-0.7469
0.450	-0.2078	-0.1475	-0.0490	-0.1856	-0.7561
0.500	-0.2257	-0.1559	-0.0860	-0.1909	-0.7299
0.525	*******	-0.1645	-0.0957	-0.1921	-0.7381
0.550	-0.2498	-0.1842	-0.1049	-0.1923	-0.7237
0.575	*******	-0.1918	-0.1089	-0.2007	-0.7172
0.600	-0.2717	-0.2016	-0.1353	-0.2102	-0.6860
0.625	*******	*******	-0.1390	-0.2127	-0.6500
0.650	-0.2919	-0.2257	-0.1549	-0.2176	-0.6220
0.675	*******	-0.2469	-0.1665	-0.2367	-0.5764
0.700	-0.3091	-0.2680	-0.1716	-0.2480	-0.5549
0.725	*******	-0.2916	*******	-0.2560	-0.5851
0.750	-0.3254	-0.3174	*******	-0.2680	-0.6550
0.775	*******	-0.3493	-0.2567	-0.2889	-0.7559
0.800	-0.3300	-0.3844	-0.3038	-0.3154	*******
0.825	*******	-0.4038	-0.3242	-0.3023	-0.7790
0.850	-0.3308	-0.4300	-0.3428	-0.3195	-0.7785
0.875	*******	-0.4539	-0.3993	-0.3859	-0.8326
0.900	-0.3233	-0.4672	-0.4573	-0.4501	*******
0.925	*******	-0.5018	-0.5760	-0.6949	-1.1241
0.950	-0.3616	-0.5836	-0.5014	-0.7184	-0.8187
0.975	*******	-0.7329	-1.0206	-0.9684	-0.8630
1.000	-1.2295	-1.1919	-1.2929	-1.0101	-1.1283
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1375	0.1396	0.2048	*******	-0.6376
-0.400	0.1274	0.1457	0.1596	0.0005	-0.7287
-0.600	0.1376	0.1491	0.1506	0.0335	-0.7073
-0.700	*******	0.1443	0.1502	0.0516	-0.6807
-0.800	*******	*******	0.1485	0.0725	-0.6143
-0.850	*******	0.1861	0.1600	0.0756	-0.5966
-0.900	0.2245	0.2169	0.1873	0.1023	-0.5982
-0.950	0.2465	0.1412	0.2230	0.1544	-0.1925
-0.975	*******	0.2120	0.2133	0.1694	-0.0240
-1.000	-1.1743	-1.2815	-1.1270	-1.1227	-0.6091

Surface Pressures



Small Radius L.E.

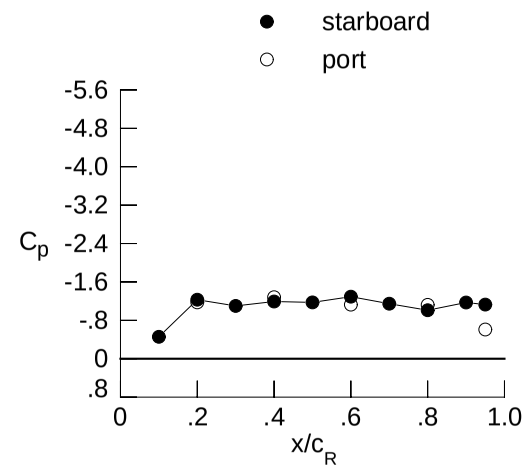
Run No. = 50 , Point No. = 1078

C_N = 0.297, C_m = -0.0527

α = 7.0 °, M_∞ = 0.850

R_{mac} = 84.1×10^6

Leading Edge Pressures

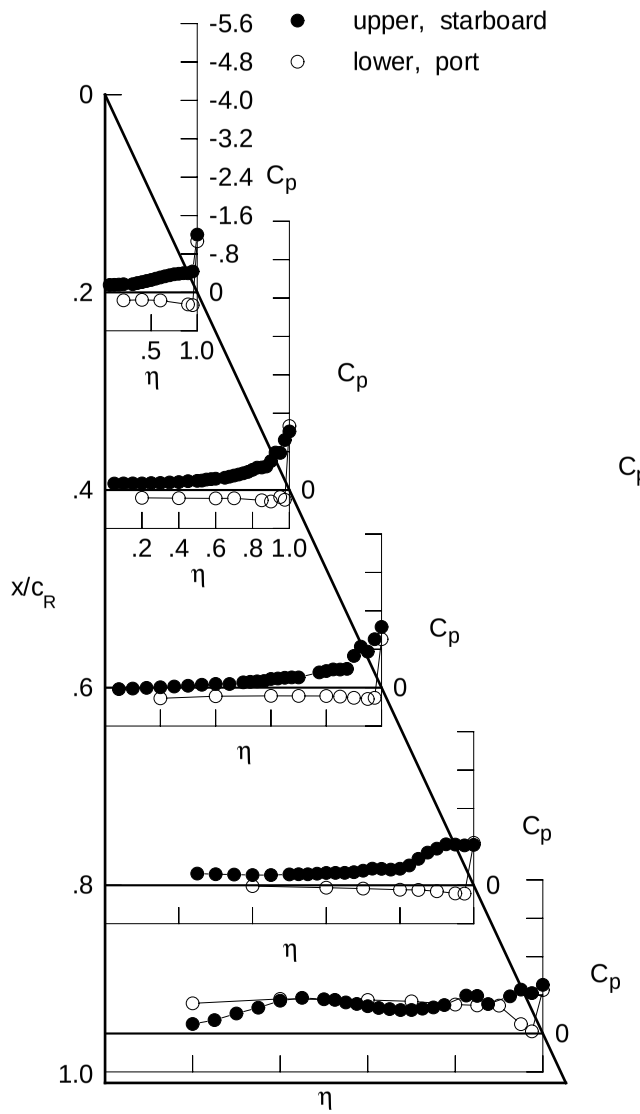


x/c_R	starb'd C_p	port C_p
0.10	-0.4569	*******
0.20	-1.2295	-1.1743
0.30	-1.1002	*******
0.40	-1.1919	-1.2815
0.50	-1.1736	*******
0.60	-1.2929	-1.1270
0.70	-1.1460	*******
0.80	-1.0101	-1.1227
0.90	-1.1714	*******
0.95	-1.1283	-0.6091

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.1555	-0.1348	0.0303	*******	*******
0.100	-0.1579	-0.1378	0.0191	*******	*******
0.150	-0.1626	-0.1387	0.0052	*******	*******
0.200	-0.1695	-0.1372	-0.0078	*******	-0.1982
0.250	*******	-0.1446	-0.0236	-0.2437	-0.2795
0.300	-0.1707	-0.1470	-0.0394	-0.2305	-0.4170
0.350	-0.1946	-0.1573	-0.0598	-0.2236	-0.5373
0.400	-0.2136	-0.1656	-0.0778	-0.2125	-0.6830
0.450	-0.2371	-0.1849	-0.0760	-0.2128	-0.7429
0.500	-0.2582	-0.1909	-0.1108	-0.2261	-0.7140
0.525	*******	-0.1972	-0.1215	-0.2305	-0.7010
0.550	-0.2852	-0.2184	-0.1312	-0.2296	-0.6473
0.575	*******	-0.2275	-0.1377	-0.2416	-0.6158
0.600	-0.3113	-0.2359	-0.1807	-0.2567	-0.5684
0.625	*******	*******	-0.1907	-0.2588	-0.5322
0.650	-0.3355	-0.2562	-0.2056	-0.2594	-0.5085
0.675	*******	-0.2784	-0.2137	-0.2724	-0.4888
0.700	-0.3568	-0.3016	-0.2126	-0.3038	-0.4899
0.725	*******	-0.3233	*******	-0.3461	-0.5175
0.750	-0.3776	-0.3488	*******	-0.3428	-0.5430
0.775	*******	-0.3773	-0.3173	-0.3263	-0.5931
0.800	-0.3881	-0.4209	-0.3452	-0.3446	*******
0.825	*******	-0.4664	-0.3788	-0.4129	-0.7905
0.850	-0.4000	-0.4700	-0.3770	-0.5515	-0.7835
0.875	*******	-0.4901	-0.3916	-0.6805	-0.6139
0.900	-0.3982	-0.6028	-0.6610	-0.7630	*******
0.925	*******	-0.7806	-0.8546	-0.8540	-0.7741
0.950	-0.4369	-0.7736	-0.7495	-0.8483	-0.9142
0.975	*******	-1.0424	-1.0088	-0.8312	-0.8412
1.000	-1.2037	-1.2208	-1.2647	-0.8424	-1.0146
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.1649	0.1626	0.2227	*******	-0.6285
-0.400	0.1551	0.1696	0.1787	0.0166	-0.7208
-0.600	0.1682	0.1743	0.1715	0.0501	-0.6987
-0.700	*******	0.1723	0.1726	0.0691	-0.6699
-0.800	*******	*******	0.1741	0.0926	-0.6030
-0.850	*******	0.2134	0.1863	0.0968	-0.5858
-0.900	0.2508	0.2396	0.2121	0.1243	-0.5807
-0.950	0.2656	0.1459	0.2363	0.1694	-0.1954
-0.975	*******	0.2029	0.2122	0.1737	-0.0444
-1.000	-1.0657	-1.3327	-1.0093	-0.8839	-0.9044

Surface Pressures



Small Radius L.E.

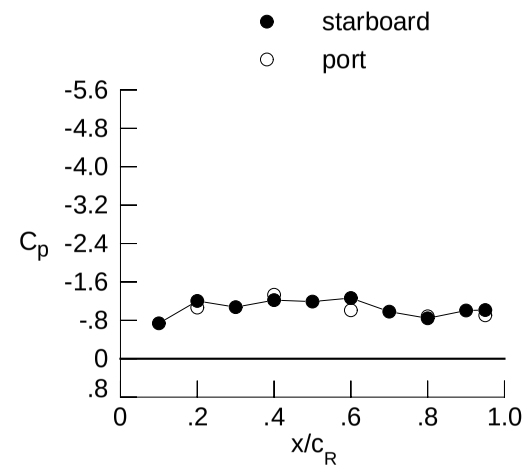
Run No. = 50 , Point No. = 1079

C_N = 0.355, C_m = -0.0647

α = 8.1 °, M_∞ = 0.849

R_{mac} = 84.1×10^6

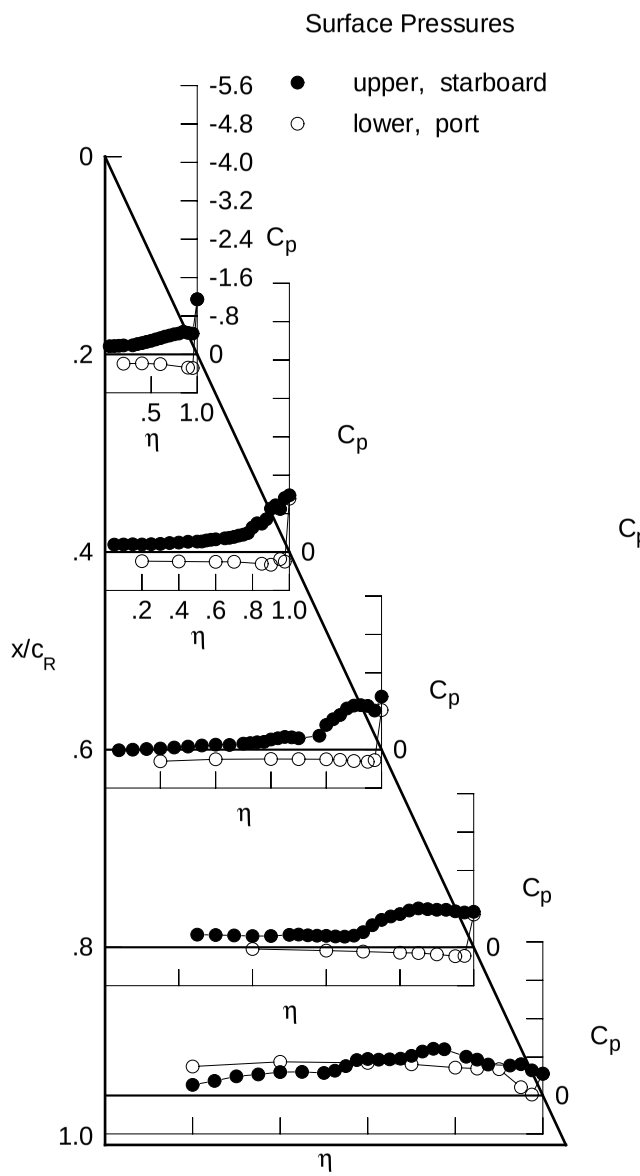
Leading Edge Pressures



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

Table C7. 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	-0.1702	-0.1548	0.0125	*******	*******
0.100	-0.1735	-0.1570	0.0007	*******	*******
0.150	-0.1796	-0.1616	-0.0124	*******	*******
0.200	-0.1865	-0.1570	-0.0236	*******	-0.2219
0.250	*******	-0.1631	-0.0442	-0.2634	-0.3041
0.300	-0.1887	-0.1693	-0.0642	-0.2553	-0.3995
0.350	-0.2143	-0.1874	-0.0863	-0.2467	-0.4390
0.400	-0.2345	-0.1965	-0.1040	-0.2337	-0.4880
0.450	-0.2599	-0.2142	-0.0977	-0.2347	-0.4923
0.500	-0.2832	-0.2175	-0.1246	-0.2591	-0.4695
0.525	*******	-0.2194	-0.1362	-0.2648	-0.5172
0.550	-0.3122	-0.2412	-0.1537	-0.2498	-0.6125
0.575	*******	-0.2563	-0.1613	-0.2415	-0.7385
0.600	-0.3386	-0.2649	-0.2112	-0.2385	-0.7614
0.625	*******	*******	-0.2367	-0.2254	-0.7466
0.650	-0.3695	-0.2857	-0.2649	-0.2213	-0.7535
0.675	*******	-0.2964	-0.2562	-0.2426	-0.7668
0.700	-0.3924	-0.3164	-0.2369	-0.3154	-0.8261
0.725	*******	-0.3420	*******	-0.4603	-0.9163
0.750	-0.4187	-0.3618	*******	-0.5707	-0.9732
0.775	*******	-0.3950	-0.2894	-0.6425	-0.9638
0.800	-0.4348	-0.5113	-0.5148	-0.6918	*******
0.825	*******	-0.5993	-0.6324	-0.7663	-0.8076
0.850	-0.4726	-0.5912	-0.7213	-0.8092	-0.7472
0.875	*******	-0.6830	-0.8577	-0.7943	-0.6445
0.900	-0.4483	-0.9055	-0.9173	-0.7817	*******
0.925	*******	-0.9739	-0.9266	-0.7804	-0.6244
0.950	-0.4344	-0.8971	-0.9111	-0.7497	-0.6520
0.975	*******	-1.1247	-0.8147	-0.7249	-0.5242
1.000	-1.1458	-1.1825	-1.1048	-0.7400	-0.4518
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.1934	0.1901	0.2426	*******	-0.6042
-0.400	0.1870	0.1966	0.2009	0.0356	-0.7020
-0.600	0.2022	0.2043	0.1955	0.0693	-0.6789
-0.700	*******	0.2034	0.1975	0.0893	-0.6505
-0.800	*******	*******	0.2008	0.1133	-0.5804
-0.850	*******	0.2437	0.2140	0.1196	-0.5610
-0.900	0.2756	0.2649	0.2369	0.1469	-0.5489
-0.950	0.2834	0.1468	0.2525	0.1855	-0.1726
-0.975	*******	0.2000	0.2180	0.1789	-0.0201
-1.000	-1.1493	-1.1118	-0.8237	-0.6833	-0.4563



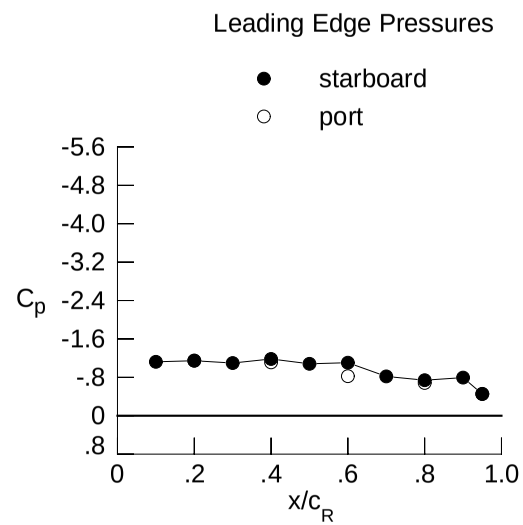
Small Radius L.E.

Run No. = 50 , Point No. = 1080

C_N = 0.421, C_m = -0.0778

α = 9.2 °, M_∞ = 0.850

R_{mac} = 84.1×10^6

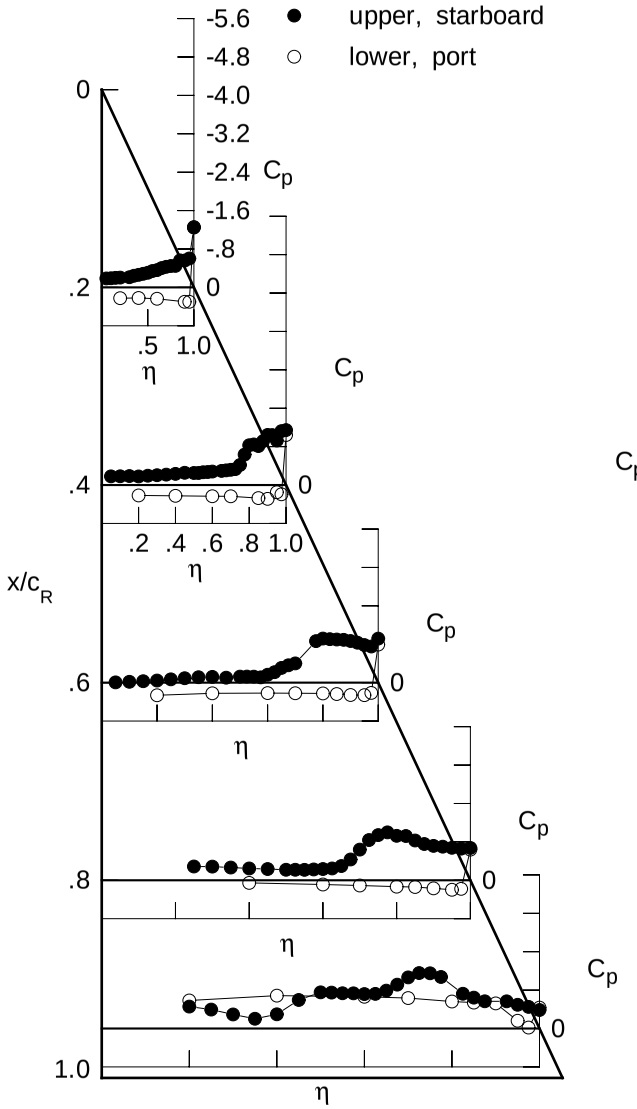


x/c_R	starb'd Cp	port Cp
0.10	-1.1233	*******
0.20	-1.1458	-1.1493
0.30	-1.0978	*******
0.40	-1.1825	-1.1118
0.50	-1.0817	*******
0.60	-1.1048	-0.8237
0.70	-0.8189	*******
0.80	-0.7400	-0.6833
0.90	-0.7945	*******
0.95	-0.4518	-0.4563

Table C7. Continued.

η	x/c_R .2 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	-0.1863	-0.1809	-0.0060	*******	*******
0.100	-0.1905	-0.1821	-0.0180	*******	*******
0.150	-0.1992	-0.1872	-0.0296	*******	*******
0.200	-0.2043	-0.1792	-0.0443	*******	-0.4569
0.250	*******	-0.1943	-0.0685	-0.2869	-0.3947
0.300	-0.2121	-0.2050	-0.0923	-0.2845	-0.2926
0.350	-0.2424	-0.2172	-0.1131	-0.2658	-0.2032
0.400	-0.2620	-0.2331	-0.1204	-0.2465	-0.2959
0.450	-0.2833	-0.2548	-0.1035	-0.2342	-0.5946
0.500	-0.3046	-0.2510	-0.1254	-0.2195	-0.7537
0.525	*******	-0.2512	-0.1264	-0.2189	-0.7481
0.550	-0.3405	-0.2663	-0.1250	-0.2174	-0.7347
0.575	*******	-0.2714	-0.1103	-0.2259	-0.7328
0.600	-0.3601	-0.2806	-0.1648	-0.2346	-0.7180
0.625	*******	*******	-0.2176	-0.2465	-0.7214
0.650	-0.4025	-0.2944	-0.3066	-0.2971	-0.7888
0.675	*******	-0.3056	-0.3617	-0.4335	-0.9133
0.700	-0.4287	-0.3172	-0.4008	-0.6390	-1.0648
0.725	*******	-0.3324	*******	-0.8381	-1.1551
0.750	-0.4458	-0.4179	*******	-0.9416	-1.1500
0.775	*******	-0.6344	-0.8647	-0.9986	-1.0734
0.800	-0.4479	-0.8291	-0.9185	-0.9262	*******
0.825	*******	-0.8453	-0.9059	-0.9227	-0.7238
0.850	-0.5629	-0.8122	-0.8982	-0.8290	-0.6430
0.875	*******	-0.9127	-0.8923	-0.7564	-0.5669
0.900	-0.5589	-1.0442	-0.8669	-0.7170	*******
0.925	*******	-1.0405	-0.8316	-0.6999	-0.5664
0.950	-0.6023	-0.9271	-0.7833	-0.6765	-0.4940
0.975	*******	-1.1231	-0.7531	-0.6591	-0.4504
1.000	-1.2464	-1.1452	-0.9166	-0.6739	-0.3853
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2252	0.2167	0.2629	*******	-0.5838
-0.400	0.2205	0.2248	0.2225	0.0545	-0.6850
-0.600	0.2369	0.2335	0.2177	0.0880	-0.6618
-0.700	*******	0.2346	0.2207	0.1087	-0.6343
-0.800	*******	*******	0.2246	0.1328	-0.5621
-0.850	*******	0.2723	0.2379	0.1402	-0.5402
-0.900	0.2997	0.2882	0.2577	0.1678	-0.5234
-0.950	0.3001	0.1498	0.2612	0.1978	-0.1613
-0.975	*******	0.1930	0.2136	0.1784	-0.0201
-1.000	-1.2571	-1.0412	-0.7928	-0.6389	-0.4353

Surface Pressures



Small Radius L.E.

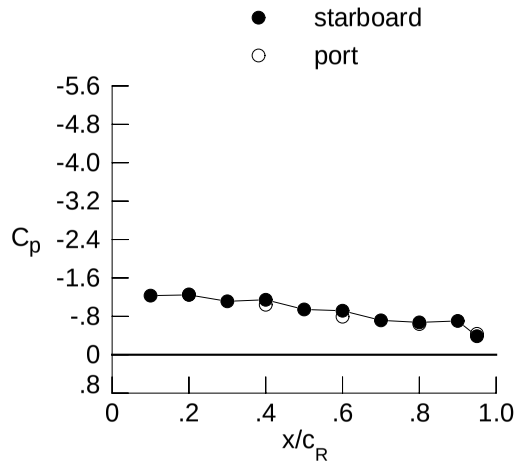
Run No. = 50 , Point No. = 1081

C_N = 0.488, C_m = -0.0887

α = 10.3 °, M_∞ = 0.850

R_{mac} = 84.2×10^6

Leading Edge Pressures

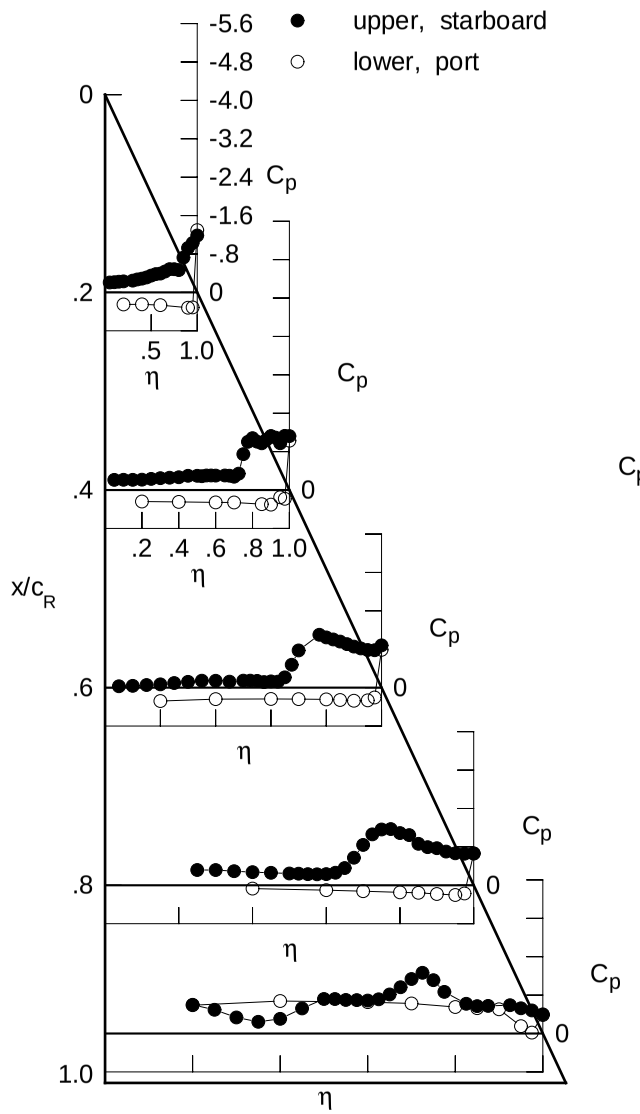


x/c_R	starb'd Cp	port Cp
0.10	-1.2314	*******
0.20	-1.2464	-1.2571
0.30	-1.1126	*******
0.40	-1.1452	-1.0412
0.50	-0.9429	*******
0.60	-0.9166	-0.7928
0.70	-0.7163	*******
0.80	-0.6739	-0.6389
0.90	-0.7039	*******
0.95	-0.3853	-0.4353

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2063	-0.2123	-0.0285	*******	*******
0.100	-0.2118	-0.2135	-0.0373	*******	*******
0.150	-0.2224	-0.2131	-0.0545	*******	*******
0.200	-0.2295	-0.2163	-0.0691	*******	-0.5983
0.250	*******	-0.2321	-0.0960	-0.3180	-0.4943
0.300	-0.2450	-0.2474	-0.1210	-0.3180	-0.3344
0.350	-0.2692	-0.2566	-0.1445	-0.2936	-0.2437
0.400	-0.2861	-0.2662	-0.1431	-0.2737	-0.3055
0.450	-0.3113	-0.2967	-0.1248	-0.2602	-0.5222
0.500	-0.3500	-0.2967	-0.1455	-0.2458	-0.7196
0.525	*******	-0.2881	-0.1455	-0.2420	-0.7185
0.550	-0.3809	-0.3030	-0.1409	-0.2318	-0.6993
0.575	*******	-0.3035	-0.1160	-0.2287	-0.6956
0.600	-0.3916	-0.3010	-0.1301	-0.2330	-0.6860
0.625	*******	*******	-0.1246	-0.2615	-0.7125
0.650	-0.4348	-0.3033	-0.2140	-0.3592	-0.8135
0.675	*******	-0.2986	-0.4770	-0.5745	-0.9641
0.700	-0.4843	-0.2777	-0.7749	-0.8407	-1.1351
0.725	*******	-0.3417	*******	-1.0610	-1.2650
0.750	-0.4832	-0.7471	*******	-1.1623	-1.1109
0.775	*******	-1.0052	-1.1017	-1.1710	-0.8676
0.800	-0.4647	-1.0807	-1.0466	-1.0877	*******
0.825	*******	-1.0072	-1.0038	-1.0453	-0.6191
0.850	-0.7254	-0.9735	-0.9597	-0.8641	-0.5707
0.875	*******	-1.0471	-0.9066	-0.7945	-0.5756
0.900	-0.9262	-1.1255	-0.8554	-0.7732	*******
0.925	*******	-1.0919	-0.8169	-0.7025	-0.5897
0.950	-1.0297	-0.9753	-0.7838	-0.6666	-0.5257
0.975	*******	-1.1290	-0.7795	-0.6576	-0.4810
1.000	-1.1852	-1.1237	-0.8808	-0.6608	-0.3988
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.2510	0.2395	0.2791	*******	-0.5892
-0.400	0.2486	0.2475	0.2396	0.0688	-0.6766
-0.600	0.2656	0.2574	0.2358	0.1017	-0.6539
-0.700	*******	0.2591	0.2391	0.1233	-0.6258
-0.800	*******	*******	0.2445	0.1474	-0.5518
-0.850	*******	0.2942	0.2575	0.1560	-0.5284
-0.900	0.3189	0.3042	0.2732	0.1818	-0.5047
-0.950	0.3125	0.1501	0.2648	0.2026	-0.1526
-0.975	*******	0.1825	0.2046	0.1705	-0.0193
-1.000	-1.2966	-1.0282	-0.7872	-0.6645	-0.3853

Surface Pressures



Small Radius L.E.

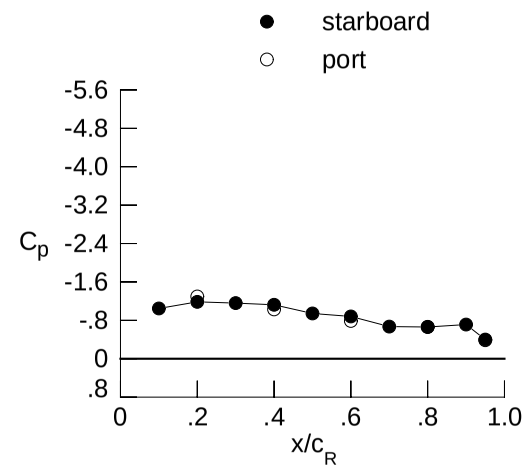
Run No. = 50 , Point No. = 1082

C_N = 0.544, C_m = -0.0963

α = 11.3 °, M_∞ = 0.850

R_{mac} = 84.1×10^6

Leading Edge Pressures

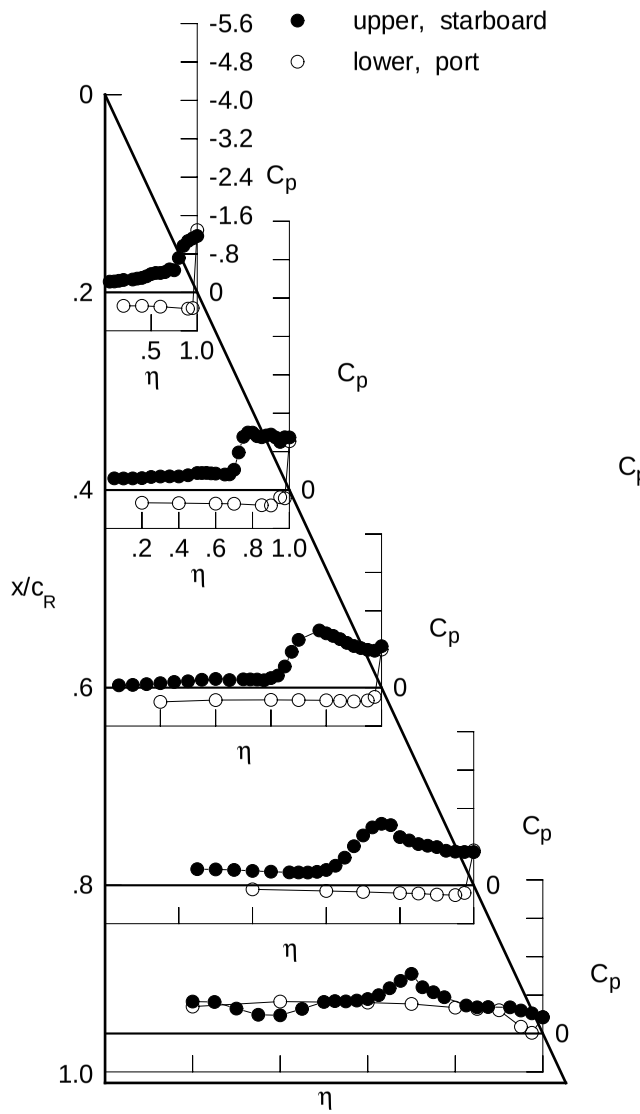


x/c_R	starb'd C_p	port C_p
0.10	-1.0470	*******
0.20	-1.1852	-1.2966
0.30	-1.1590	*******
0.40	-1.1237	-1.0282
0.50	-0.9429	*******
0.60	-0.8808	-0.7872
0.70	-0.6700	*******
0.80	-0.6608	-0.6645
0.90	-0.7121	*******
0.95	-0.3988	-0.3853

Table C7. Continued.

η	x/c_R .2 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	-0.2243	-0.2434	-0.0481	*******	*******
0.100	-0.2272	-0.2410	-0.0564	*******	*******
0.150	-0.2418	-0.2423	-0.0731	*******	*******
0.200	-0.2594	-0.2481	-0.0932	*******	-0.6652
0.250	*******	-0.2721	-0.1187	-0.3357	-0.6565
0.300	-0.2683	-0.2819	-0.1331	-0.3301	-0.5194
0.350	-0.2868	-0.2847	-0.1637	-0.3201	-0.3903
0.400	-0.3015	-0.2831	-0.1808	-0.2995	-0.3795
0.450	-0.3353	-0.3080	-0.1574	-0.2829	-0.5127
0.500	-0.3814	-0.3541	-0.1728	-0.2686	-0.6575
0.525	*******	-0.3546	-0.1710	-0.2671	-0.6750
0.550	-0.4049	-0.3565	-0.1687	-0.2657	-0.6687
0.575	*******	-0.3471	-0.1533	-0.2800	-0.6866
0.600	-0.4041	-0.3426	-0.1989	-0.3192	-0.7188
0.625	*******	*******	-0.2521	-0.4075	-0.7985
0.650	-0.4226	-0.3234	-0.4404	-0.5751	-0.9435
0.675	*******	-0.3261	-0.7464	-0.8133	-1.0958
0.700	-0.4799	-0.4231	-0.9953	-1.0377	-1.2421
0.725	*******	-0.7833	*******	-1.2054	-0.9638
0.750	-0.4605	-1.1083	*******	-1.2809	-0.8598
0.775	*******	-1.1973	-1.1914	-1.2527	-0.7562
0.800	-0.7185	-1.1957	-1.1313	-1.0039	*******
0.825	*******	-1.1220	-1.0774	-0.9347	-0.5831
0.850	-0.9691	-1.1001	-1.0106	-0.8587	-0.5459
0.875	*******	-1.1370	-0.9317	-0.8236	-0.5509
0.900	-1.0701	-1.1549	-0.8669	-0.7963	*******
0.925	*******	-1.0955	-0.8248	-0.7193	-0.5454
0.950	-1.1238	-1.0028	-0.7869	-0.7007	-0.4795
0.975	*******	-1.0992	-0.7687	-0.6938	-0.4204
1.000	-1.1748	-1.0962	-0.8629	-0.6911	-0.3429
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.2809	0.2653	0.2970	*******	-0.5609
-0.400	0.2802	0.2727	0.2588	0.0845	-0.6656
-0.600	0.2974	0.2830	0.2554	0.1181	-0.6440
-0.700	*******	0.2861	0.2594	0.1385	-0.6156
-0.800	*******	*******	0.2641	0.1632	-0.5389
-0.850	*******	0.3162	0.2756	0.1713	-0.5122
-0.900	0.3395	0.3204	0.2872	0.1947	-0.4845
-0.950	0.3265	0.1507	0.2671	0.2047	-0.1407
-0.975	*******	0.1717	0.1940	0.1589	-0.0143
-1.000	-1.2965	-1.0168	-0.7927	-0.7263	-0.3343

Surface Pressures



Small Radius L.E.

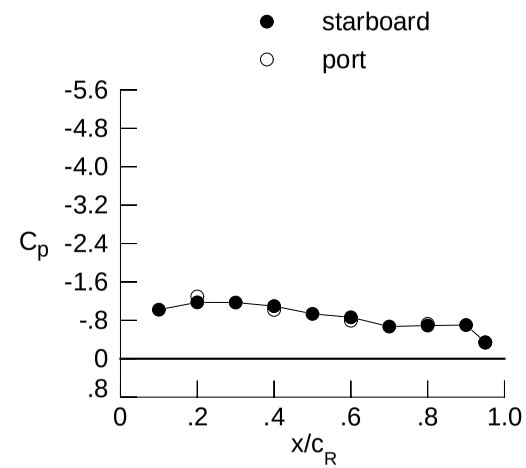
Run No. = 50 , Point No. = 1083

C_N = 0.600, C_m = -0.1028

α = 12.4 °, M_∞ = 0.850

$R_{mac} = 84.2 \times 10^6$

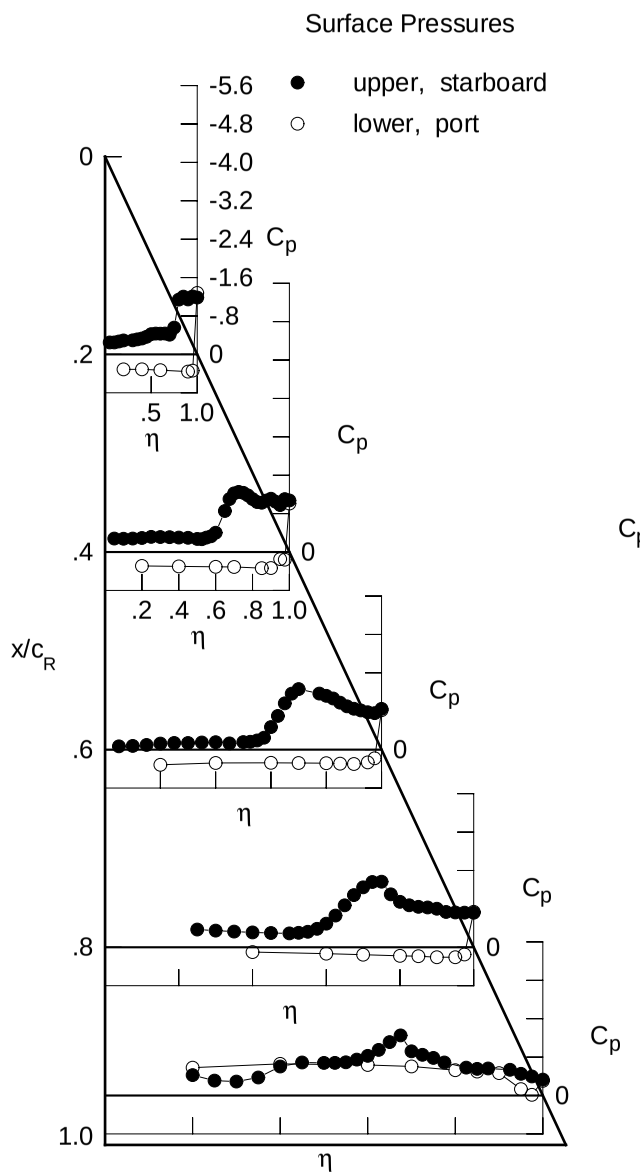
Leading Edge Pressures



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

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2488	-0.2805	-0.0690	*******	*******
0.100	-0.2484	-0.2766	-0.0774	*******	*******
0.150	-0.2689	-0.2811	-0.0975	*******	*******
0.200	-0.2903	-0.2925	-0.1261	*******	-0.4245
0.250	*******	-0.3163	-0.1395	-0.3697	-0.3101
0.300	-0.2928	-0.3129	-0.1386	-0.3471	-0.2901
0.350	-0.3131	-0.3095	-0.1488	-0.3276	-0.3750
0.400	-0.3312	-0.3019	-0.1555	-0.3097	-0.6041
0.450	-0.3667	-0.2967	-0.1303	-0.2973	-0.6880
0.500	-0.4216	-0.2729	-0.1579	-0.2894	-0.6794
0.525	*******	-0.2669	-0.1643	-0.3012	-0.6796
0.550	-0.4340	-0.3010	-0.1911	-0.3228	-0.6920
0.575	*******	-0.3287	-0.2487	-0.3844	-0.7477
0.600	-0.4316	-0.4023	-0.4702	-0.4917	-0.8266
0.625	*******	*******	-0.7024	-0.6606	-0.9507
0.650	-0.4346	-0.8554	-0.9645	-0.8743	-1.1131
0.675	*******	-1.1040	-1.1668	-1.0874	-1.2517
0.700	-0.4107	-1.2220	-1.2612	-1.2487	-0.9212
0.725	*******	-1.2529	*******	-1.3597	-0.8479
0.750	-0.5576	-1.2335	*******	-1.3665	-0.7832
0.775	*******	-1.1798	-1.1679	-1.1034	-0.6881
0.800	-1.1409	-1.1043	-1.1218	-0.9472	*******
0.825	*******	-1.0416	-1.0654	-0.8752	-0.5806
0.850	-1.2032	-1.0268	-0.9786	-0.8436	-0.5550
0.875	*******	-1.0725	-0.9025	-0.8296	-0.5633
0.900	-1.1449	-1.1104	-0.8523	-0.8031	*******
0.925	*******	-1.0484	-0.8168	-0.7360	-0.5357
0.950	-1.2069	-0.9786	-0.7792	-0.7257	-0.4523
0.975	*******	-1.1022	-0.7599	-0.7219	-0.3966
1.000	-1.1840	-1.0746	-0.8497	-0.7201	-0.3315
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3123	0.2897	0.3157	*******	-0.5802
-0.400	0.3111	0.2989	0.2772	0.0997	-0.6593
-0.600	0.3284	0.3080	0.2747	0.1328	-0.6358
-0.700	*******	0.3109	0.2781	0.1545	-0.6054
-0.800	*******	*******	0.2823	0.1783	-0.5272
-0.850	*******	0.3357	0.2920	0.1858	-0.4995
-0.900	0.3587	0.3333	0.2991	0.2068	-0.4667
-0.950	0.3385	0.1468	0.2660	0.2071	-0.1327
-0.975	*******	0.1594	0.1799	0.1496	-0.0145
-1.000	-1.2802	-1.0108	-0.8213	-0.7393	-0.3050



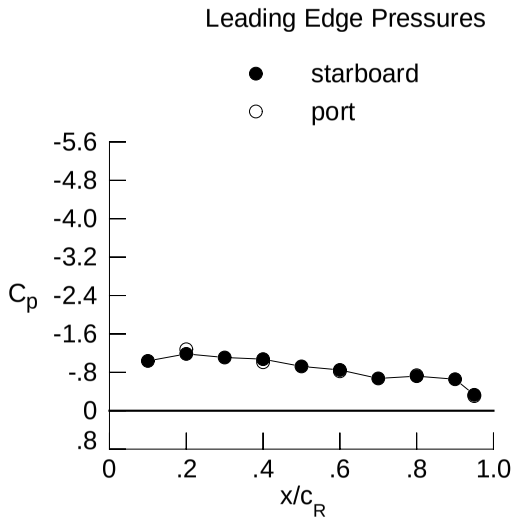
Small Radius L.E.

Run No. = 50 , Point No. = 1084

C_N = 0.656, C_m = -0.1086

α = 13.4 °, M_∞ = 0.851

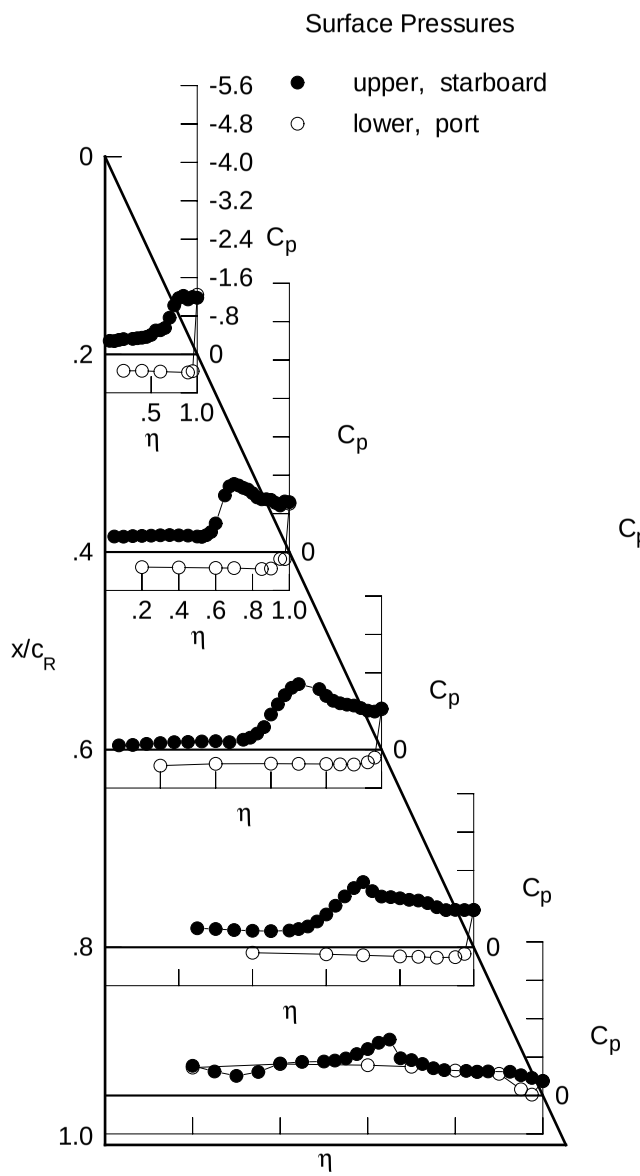
R_{mac} = 84.0×10^6



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

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.2821	-0.3231	-0.0887	*******	*******
0.100	-0.2770	-0.3196	-0.0976	*******	*******
0.150	-0.3013	-0.3320	-0.1199	*******	*******
0.200	-0.3187	-0.3357	-0.1366	*******	-0.6194
0.250	*******	-0.3406	-0.1561	-0.3956	-0.5000
0.300	-0.3229	-0.3487	-0.1612	-0.3805	-0.4088
0.350	-0.3370	-0.3537	-0.1700	-0.3593	-0.4901
0.400	-0.3474	-0.3474	-0.1768	-0.3436	-0.6669
0.450	-0.3637	-0.3424	-0.1561	-0.3367	-0.6998
0.500	-0.4055	-0.3235	-0.2065	-0.3485	-0.7083
0.525	*******	-0.3159	-0.2488	-0.3802	-0.7279
0.550	-0.4984	-0.3522	-0.3352	-0.4339	-0.7717
0.575	*******	-0.4184	-0.4696	-0.5377	-0.8634
0.600	-0.5035	-0.5956	-0.7320	-0.6833	-0.9684
0.625	*******	*******	-0.9439	-0.8657	-1.0987
0.650	-0.5509	-1.1792	-1.1341	-1.0598	-1.1651
0.675	*******	-1.3692	-1.2883	-1.2332	-0.7762
0.700	-0.7643	-1.4181	-1.3648	-1.3594	-0.7376
0.725	*******	-1.3853	*******	-1.1695	-0.6566
0.750	-1.0192	-1.3372	*******	-1.0568	-0.5688
0.775	*******	-1.3020	-1.2619	-1.0444	-0.5288
0.800	-1.1726	-1.2260	-1.1189	-1.0207	*******
0.825	*******	-1.1381	-1.0186	-0.9889	-0.5128
0.850	-1.2201	-1.0984	-0.9653	-0.9736	-0.4962
0.875	*******	-1.1003	-0.9369	-0.9198	-0.5013
0.900	-1.1445	-1.0871	-0.9182	-0.8350	*******
0.925	*******	-1.0243	-0.8663	-0.7748	-0.4947
0.950	-1.1965	-0.9705	-0.8118	-0.7795	-0.4223
0.975	*******	-1.0534	-0.7930	-0.7758	-0.3661
1.000	-1.1787	-1.0394	-0.8570	-0.7727	-0.3059
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.3420	0.3141	0.3332	*******	-0.5816
-0.400	0.3419	0.3221	0.2949	0.1135	-0.6556
-0.600	0.3586	0.3314	0.2920	0.1454	-0.6312
-0.700	*******	0.3341	0.2958	0.1667	-0.5992
-0.800	*******	*******	0.2991	0.1908	-0.5189
-0.850	*******	0.3532	0.3075	0.1980	-0.4903
-0.900	0.3771	0.3439	0.3100	0.2161	-0.4524
-0.950	0.3497	0.1434	0.2639	0.2054	-0.1285
-0.975	*******	0.1464	0.1652	0.1364	-0.0181
-1.000	-1.2428	-1.0070	-0.8414	-0.7803	-0.2971



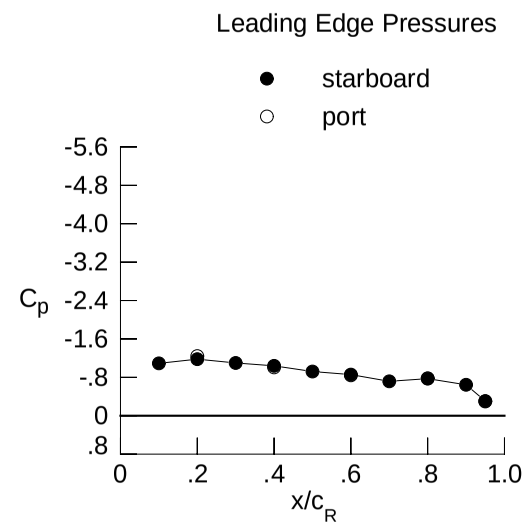
Small Radius L.E.

Run No. = 50 , Point No. = 1085

C_N = 0.707, C_m = -0.1117

α = 14.5 °, M_∞ = 0.849

$R_{mac} = 84.1 \times 10^6$

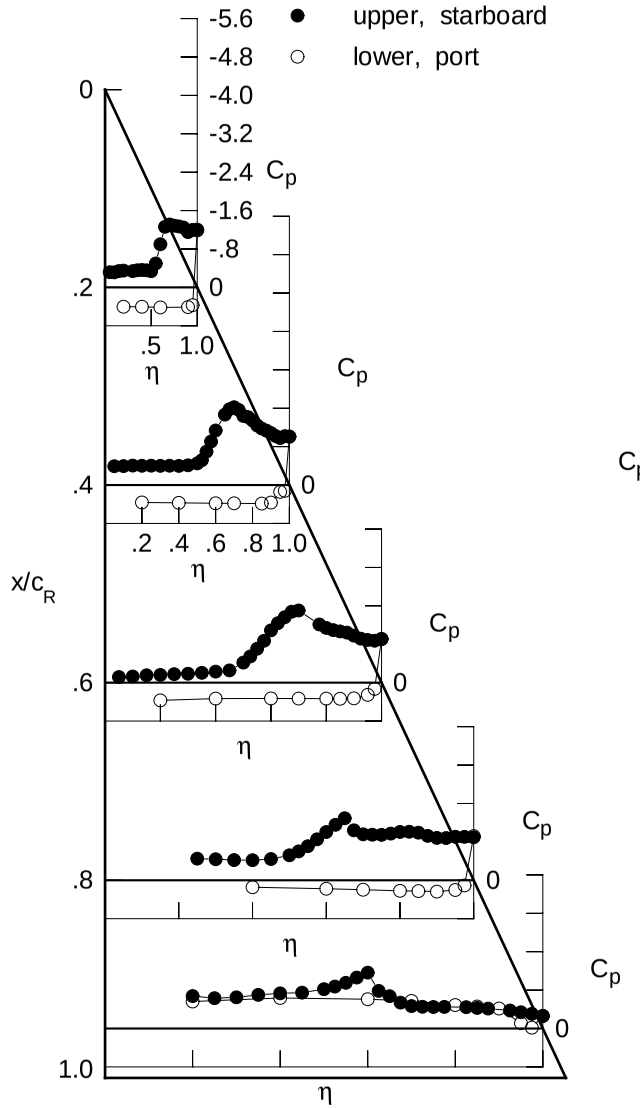


x/c_R	starb'd C_p	port C_p
0.10	-1.0911	*******
0.20	-1.1787	-1.2428
0.30	-1.0995	*******
0.40	-1.0394	-1.0070
0.50	-0.9212	*******
0.60	-0.8570	-0.8414
0.70	-0.7169	*******
0.80	-0.7727	-0.7803
0.90	-0.6447	*******
0.95	-0.3059	-0.2971

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3159	-0.3923	-0.1166	*******	*******
0.100	-0.3131	-0.3941	-0.1280	*******	*******
0.150	-0.3401	-0.4060	-0.1536	*******	*******
0.200	-0.3497	-0.4016	-0.1605	*******	-0.6761
0.250	*******	-0.4032	-0.1770	-0.4501	-0.6317
0.300	-0.3383	-0.4003	-0.1853	-0.4383	-0.6495
0.350	-0.3566	-0.4024	-0.2048	-0.4216	-0.7010
0.400	-0.3622	-0.3987	-0.2298	-0.4186	-0.7328
0.450	-0.3560	-0.4110	-0.2553	-0.4422	-0.7472
0.500	-0.3367	-0.4506	-0.4177	-0.5208	-0.8192
0.525	*******	-0.5167	-0.5448	-0.6015	-0.8734
0.550	-0.4987	-0.6949	-0.7064	-0.7097	-0.9523
0.575	*******	-0.9066	-0.8719	-0.8535	-1.0614
0.600	-0.8983	-1.1371	-1.0891	-1.0052	-1.1640
0.625	*******	*******	-1.2383	-1.1559	-0.7835
0.650	-1.2613	-1.4669	-1.3628	-1.2929	-0.6733
0.675	*******	-1.5804	-1.4779	-1.0408	-0.5393
0.700	-1.3115	-1.6206	-1.5029	-0.9580	-0.4671
0.725	*******	-1.5655	*******	-0.9497	-0.4524
0.750	-1.2857	-1.4398	*******	-0.9461	-0.4478
0.775	*******	-1.4155	-1.2122	-0.9730	-0.4503
0.800	-1.2706	-1.3453	-1.1398	-1.0073	*******
0.825	*******	-1.2409	-1.0948	-1.0108	-0.4442
0.850	-1.2475	-1.1772	-1.0674	-0.9919	-0.4285
0.875	*******	-1.1338	-1.0424	-0.9257	-0.4149
0.900	-1.1516	-1.0833	-0.9796	-0.8828	*******
0.925	*******	-1.0211	-0.9162	-0.8804	-0.3749
0.950	-1.1986	-0.9787	-0.8890	-0.9062	-0.3381
0.975	*******	-1.0180	-0.8727	-0.9053	-0.3056
1.000	-1.2036	-1.0062	-0.9047	-0.8962	-0.2597
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4029	0.3636	0.3695	*******	-0.5622
-0.400	0.4030	0.3712	0.3321	0.1448	-0.6362
-0.600	0.4178	0.3797	0.3296	0.1759	-0.6096
-0.700	*******	0.3811	0.3323	0.1969	-0.5751
-0.800	*******	*******	0.3328	0.2193	-0.4885
-0.850	*******	0.3862	0.3360	0.2251	-0.4585
-0.900	0.4108	0.3647	0.3273	0.2360	-0.4159
-0.950	0.3698	0.1426	0.2548	0.2027	-0.1115
-0.975	*******	0.1199	0.1305	0.1073	-0.0173
-1.000	-1.1866	-1.0116	-0.9139	-0.9213	-0.2640

Surface Pressures



Small Radius L.E.

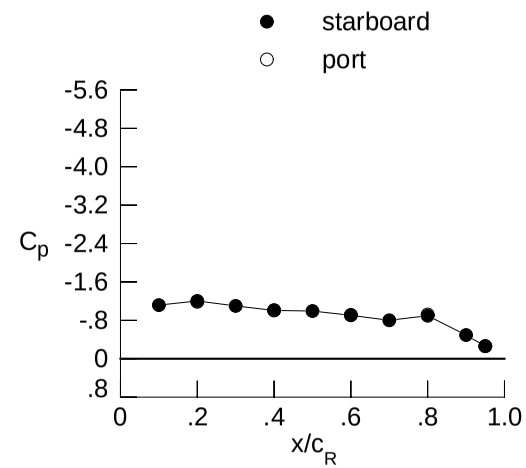
Run No. = 50 , Point No. = 1086

C_N = 0.802, C_m = -0.1159

α = 16.6 °, M_∞ = 0.850

R_{mac} = 84.1×10^6

Leading Edge Pressures

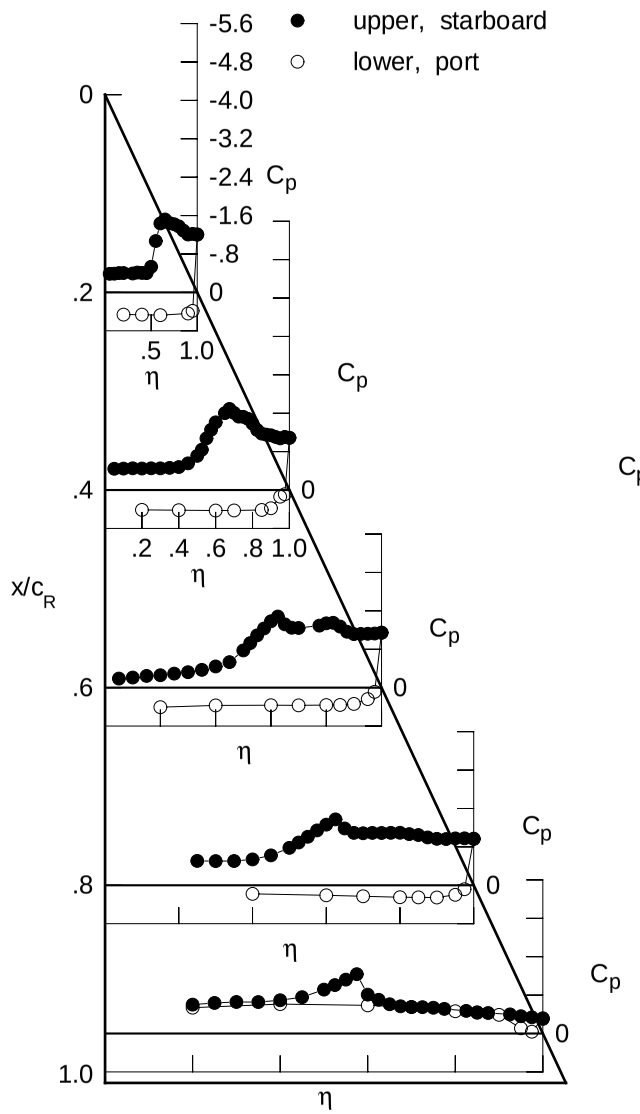


x/c_R	starb'd C_p	port C_p
0.10	-1.1172	*******
0.20	-1.2036	-1.1866
0.30	-1.1000	*******
0.40	-1.0062	-1.0116
0.50	-0.9937	*******
0.60	-0.9047	-0.9139
0.70	-0.8005	*******
0.80	-0.8962	-0.9213
0.90	-0.4933	*******
0.95	-0.2597	-0.2640

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.3874	-0.4430	-0.1888	*******	*******
0.100	-0.3895	-0.4464	-0.2108	*******	*******
0.150	-0.4021	-0.4529	-0.2440	*******	*******
0.200	-0.4030	-0.4482	-0.2587	*******	-0.6017
0.250	*******	-0.4525	-0.2918	-0.5080	-0.6365
0.300	-0.3935	-0.4523	-0.3212	-0.5039	-0.6565
0.350	-0.4135	-0.4620	-0.3700	-0.5053	-0.6551
0.400	-0.4053	-0.4794	-0.4417	-0.5392	-0.6930
0.450	-0.4012	-0.5560	-0.5313	-0.6234	-0.7572
0.500	-0.5346	-0.7120	-0.7751	-0.7801	-0.9146
0.525	*******	-0.8410	-0.9276	-0.8909	-1.0088
0.550	-1.0705	-1.0771	-1.0886	-1.0112	-1.1228
0.575	*******	-1.2554	-1.2328	-1.1435	-1.2362
0.600	-1.4364	-1.4106	-1.3821	-1.2633	-0.8097
0.625	*******	*******	-1.4815	-1.3724	-0.7021
0.650	-1.5196	-1.6016	-1.3193	-1.1842	-0.6099
0.675	*******	-1.6897	-1.2484	-1.0920	-0.5668
0.700	-1.4437	-1.6073	-1.2433	-1.0844	-0.5530
0.725	*******	-1.5293	*******	-1.0908	-0.5489
0.750	-1.4195	-1.5250	*******	-1.0893	-0.5366
0.775	*******	-1.4837	-1.2920	-1.0931	-0.5127
0.800	-1.3753	-1.3829	-1.3398	-1.0944	*******
0.825	*******	-1.2509	-1.3512	-1.0667	-0.4711
0.850	-1.2870	-1.1750	-1.2729	-1.0470	-0.4419
0.875	*******	-1.1535	-1.1651	-0.9971	-0.4274
0.900	-1.2059	-1.1411	-1.1156	-0.9683	*******
0.925	*******	-1.1064	-1.1190	-0.9631	-0.3988
0.950	-1.2192	-1.0758	-1.1228	-0.9768	-0.3600
0.975	*******	-1.1075	-1.1271	-0.9787	-0.3377
1.000	-1.2093	-1.0878	-1.1465	-0.9719	-0.3041
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.4630	0.4134	0.4070	*******	-0.5383
-0.400	0.4633	0.4203	0.3704	0.1784	-0.6128
-0.600	0.4745	0.4270	0.3663	0.2087	-0.5867
-0.700	*******	0.4260	0.3685	0.2289	-0.5505
-0.800	*******	*******	0.3635	0.2491	-0.4637
-0.850	*******	0.4153	0.3610	0.2520	-0.4325
-0.900	0.4397	0.3793	0.3394	0.2545	-0.3890
-0.950	0.3848	0.1380	0.2382	0.1987	-0.1086
-0.975	*******	0.0873	0.0869	0.0822	-0.0377
-1.000	-1.2010	-1.0877	-1.1428	-0.9633	-0.3194

Surface Pressures



Small Radius L.E.

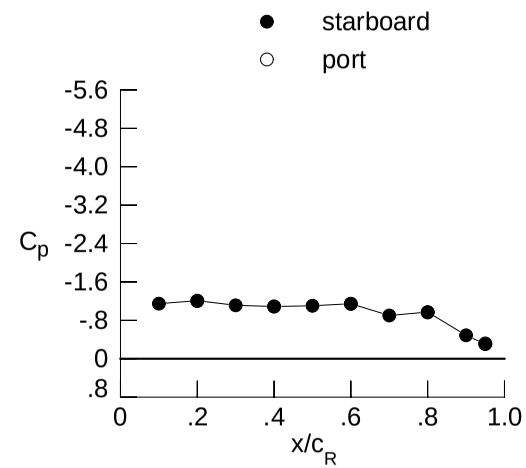
Run No. = 50 , Point No. = 1087

C_N = 0.924, C_m = -0.1375

α = 18.7 °, M_∞ = 0.851

R_{mac} = 83.9×10^6

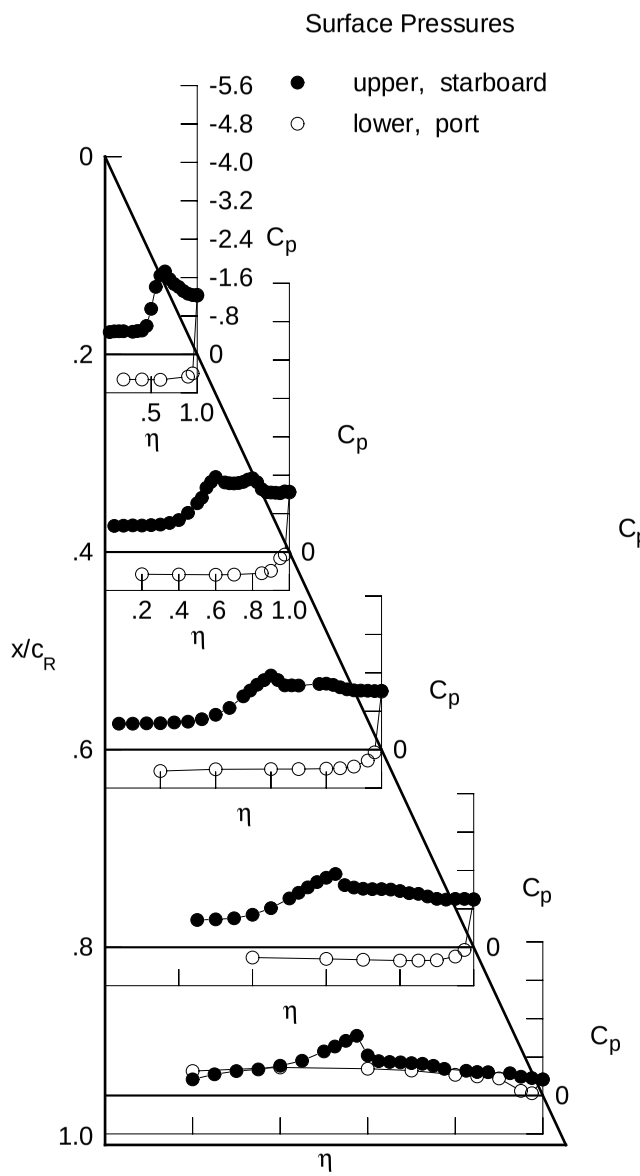
Leading Edge Pressures



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

Table C7. 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	-0.4644	-0.5444	-0.5409	*******	*******
0.100	-0.4798	-0.5486	-0.5406	*******	*******
0.150	-0.4816	-0.5549	-0.5477	*******	*******
0.200	-0.4822	-0.5521	-0.5506	*******	-0.3362
0.250	*******	-0.5608	-0.5667	-0.5689	-0.4419
0.300	-0.4709	-0.5720	-0.5827	-0.5818	-0.5091
0.350	-0.4864	-0.6058	-0.6335	-0.6043	-0.5432
0.400	-0.4965	-0.6667	-0.7267	-0.6776	-0.6200
0.450	-0.5932	-0.8159	-0.8687	-0.8151	-0.7240
0.500	-0.9488	-1.0157	-1.1106	-1.0177	-0.9186
0.525	*******	-1.1303	-1.2314	-1.1351	-1.0204
0.550	-1.4056	-1.3395	-1.3518	-1.2479	-1.1390
0.575	*******	-1.4610	-1.4477	-1.3582	-1.2441
0.600	-1.6439	-1.5631	-1.5441	-1.4491	-0.8352
0.625	*******	*******	-1.4497	-1.5270	-0.7160
0.650	-1.7283	-1.4492	-1.3383	-1.2956	-0.6988
0.675	*******	-1.4325	-1.3390	-1.2446	-0.6904
0.700	-1.5668	-1.4298	-1.3353	-1.2190	-0.6740
0.725	*******	-1.4381	*******	-1.2109	-0.6606
0.750	-1.4667	-1.4617	*******	-1.2118	-0.6182
0.775	*******	-1.5089	-1.3683	-1.2028	-0.5553
0.800	-1.4029	-1.5378	-1.3747	-1.1723	*******
0.825	*******	-1.4540	-1.3487	-1.1272	-0.5153
0.850	-1.3211	-1.3096	-1.2994	-1.1126	-0.4898
0.875	*******	-1.2473	-1.2560	-1.0582	-0.4856
0.900	-1.2639	-1.2402	-1.2356	-1.0088	*******
0.925	*******	-1.2348	-1.2305	-0.9927	-0.4637
0.950	-1.2356	-1.2259	-1.2268	-1.0080	-0.3908
0.975	*******	-1.2630	-1.2196	-1.0079	-0.3629
1.000	-1.2234	-1.2579	-1.2266	-1.0009	-0.3339
	Cp,l	Cp,l	Cp,l	Cp,l	Cp,l
-0.200	0.5221	0.4633	0.4457	*******	-0.5094
-0.400	0.5224	0.4688	0.4099	0.2137	-0.5843
-0.600	0.5292	0.4735	0.4053	0.2416	-0.5577
-0.700	*******	0.4702	0.4047	0.2602	-0.5198
-0.800	*******	*******	0.3961	0.2767	-0.4316
-0.850	*******	0.4417	0.3870	0.2771	-0.3983
-0.900	0.4643	0.3911	0.3530	0.2707	-0.3558
-0.950	0.3962	0.1286	0.2275	0.1926	-0.0970
-0.975	*******	0.0527	0.0559	0.0551	-0.0472
-1.000	-1.2414	-1.2399	-1.2090	-0.9922	-0.3352



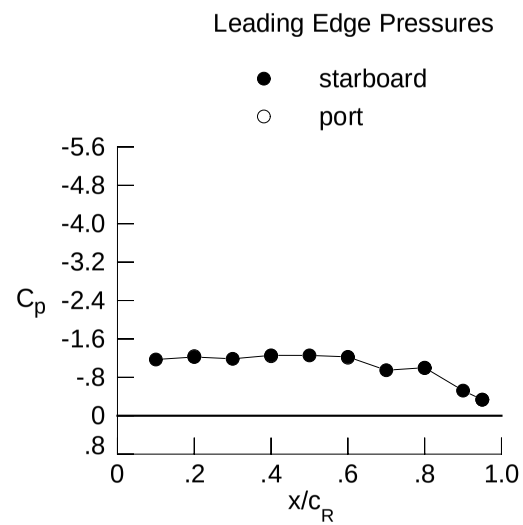
Small Radius L.E.

Run No. = 50 , Point No. = 1088

C_N = 1.050, C_m = -0.1620

α = 20.8 °, M_∞ = 0.851

$R_{mac} = 84.0 \times 10^6$

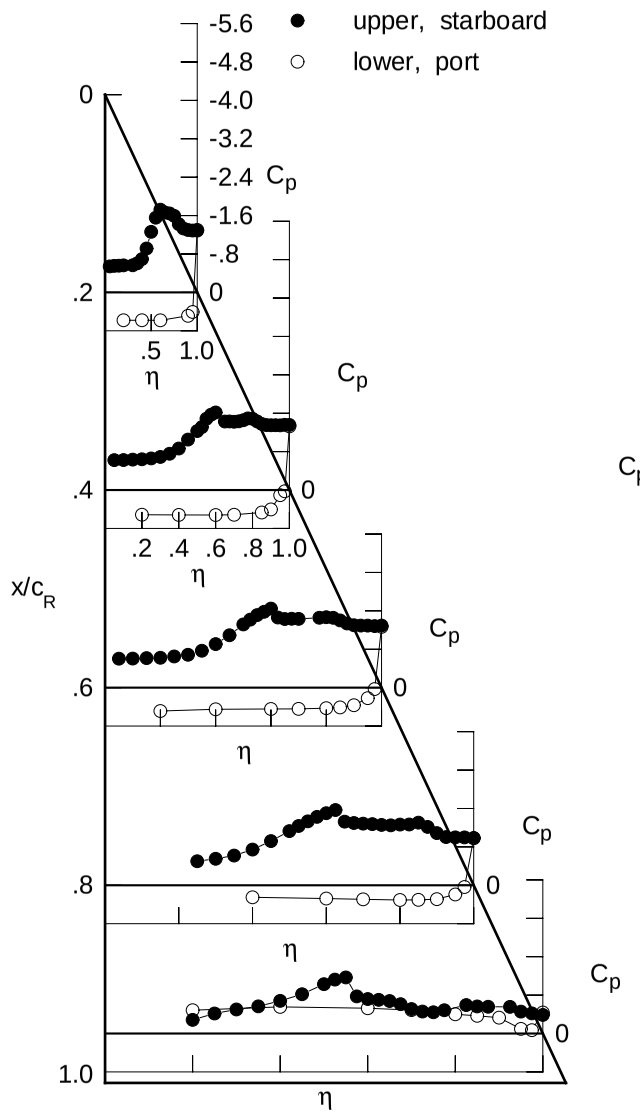


x/c_R	starb'd Cp	port Cp
0.10	-1.1715	*******
0.20	-1.2234	-1.2414
0.30	-1.1860	*******
0.40	-1.2579	-1.2399
0.50	-1.2566	*******
0.60	-1.2266	-1.2090
0.70	-0.9478	*******
0.80	-1.0009	-0.9922
0.90	-0.5232	*******
0.95	-0.3339	-0.3352

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.5414	-0.6236	-0.6034	*******	*******
0.100	-0.5530	-0.6250	-0.6058	*******	*******
0.150	-0.5559	-0.6336	-0.6151	*******	*******
0.200	-0.5630	-0.6408	-0.6222	*******	-0.2839
0.250	*******	-0.6584	-0.6494	-0.5009	-0.4170
0.300	-0.5645	-0.6898	-0.6844	-0.5520	-0.5010
0.350	-0.6066	-0.7561	-0.7690	-0.6194	-0.5659
0.400	-0.6933	-0.8651	-0.9074	-0.7437	-0.6801
0.450	-0.9150	-1.0516	-1.0913	-0.9210	-0.8184
0.500	-1.2618	-1.2287	-1.3171	-1.1288	-1.0278
0.525	*******	-1.3109	-1.4167	-1.2349	-1.1234
0.550	-1.5559	-1.4856	-1.5114	-1.3322	-1.1683
0.575	*******	-1.5698	-1.5803	-1.4258	-0.7735
0.600	-1.7235	-1.6159	-1.6470	-1.5018	-0.7180
0.625	*******	*******	-1.4609	-1.5681	-0.7016
0.650	-1.6640	-1.4268	-1.4293	-1.3255	-0.6767
0.675	*******	-1.4289	-1.4350	-1.2976	-0.6108
0.700	-1.6445	-1.4226	-1.4329	-1.2843	-0.5098
0.725	*******	-1.4311	*******	-1.2742	-0.4572
0.750	-1.5942	-1.4542	*******	-1.2574	-0.4427
0.775	*******	-1.4928	-1.4556	-1.2491	-0.4847
0.800	-1.4214	-1.4851	-1.4673	-1.2647	*******
0.825	*******	-1.4296	-1.4551	-1.2667	-0.5927
0.850	-1.3324	-1.3770	-1.4009	-1.3045	-0.5639
0.875	*******	-1.3535	-1.3367	-1.2159	-0.5574
0.900	-1.3004	-1.3496	-1.3003	-1.0873	*******
0.925	*******	-1.3501	-1.2927	-1.0050	-0.5556
0.950	-1.2885	-1.3474	-1.2918	-0.9981	-0.4562
0.975	*******	-1.3593	-1.2826	-0.9979	-0.4195
1.000	-1.2877	-1.3563	-1.2932	-0.9859	-0.3873
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.5808	0.5145	0.4868	*******	-0.4854
-0.400	0.5810	0.5187	0.4510	0.2501	-0.5546
-0.600	0.5818	0.5206	0.4445	0.2761	-0.5267
-0.700	*******	0.5150	0.4426	0.2928	-0.4884
-0.800	*******	*******	0.4279	0.3067	-0.4008
-0.850	*******	0.4676	0.4124	0.3036	-0.3687
-0.900	0.4879	0.4038	0.3666	0.2885	-0.3300
-0.950	0.4077	0.1075	0.2188	0.1911	-0.0959
-0.975	*******	0.0253	0.0295	0.0364	-0.0698
-1.000	-1.3027	-1.3266	-1.2655	-0.9811	-0.4375

Surface Pressures



Small Radius L.E.

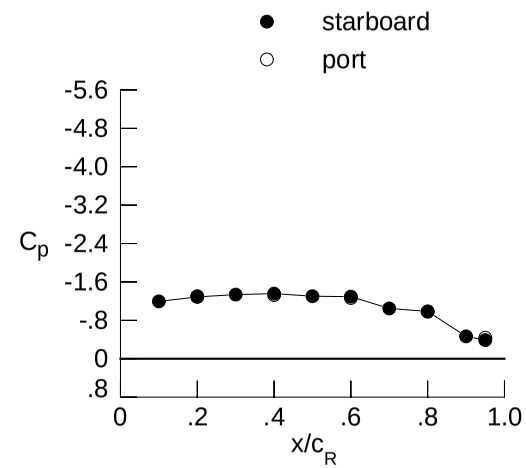
Run No. = 50 , Point No. = 1089

C_N = 1.147, C_m = -0.1718

α = 22.9 °, M_∞ = 0.851

R_{mac} = 84.0×10^6

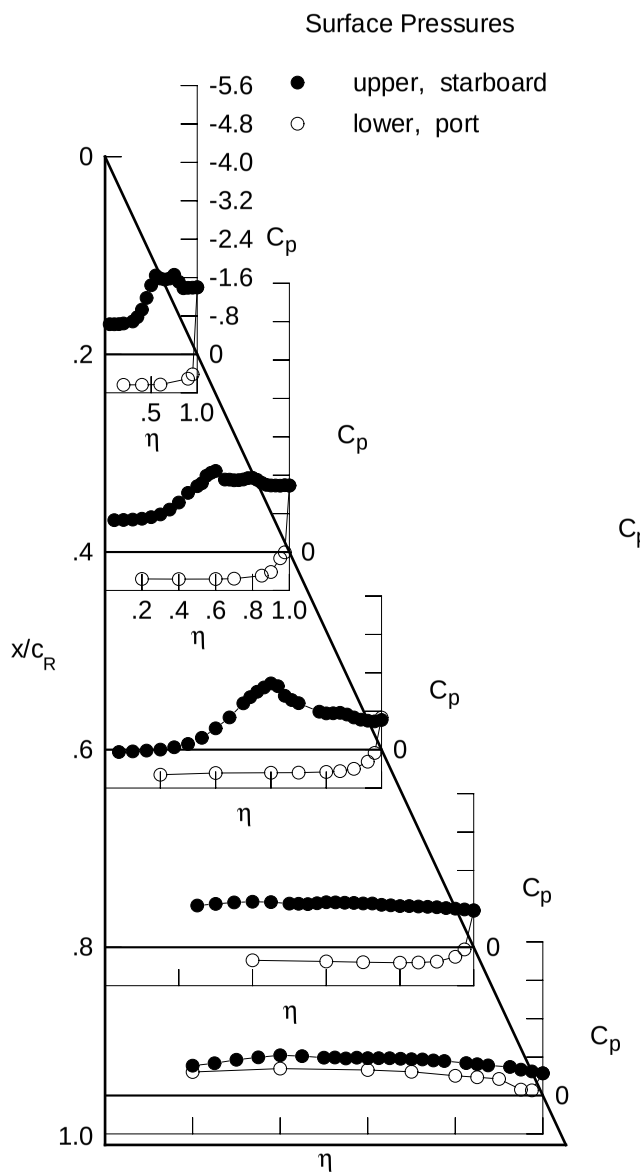
Leading Edge Pressures



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

Table C7. Continued.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.6286	-0.6640	0.0497	*******	*******
0.100	-0.6280	-0.6682	0.0364	*******	*******
0.150	-0.6304	-0.6760	0.0201	*******	*******
0.200	-0.6441	-0.6935	-0.0005	*******	-0.6217
0.250	*******	-0.7264	-0.0493	-0.8698	-0.6717
0.300	-0.6854	-0.7829	-0.1181	-0.9036	-0.7446
0.350	-0.7759	-0.8838	-0.2462	-0.9346	-0.7955
0.400	-0.9329	-1.0315	-0.4439	-0.9487	-0.8385
0.450	-1.1763	-1.2324	-0.6713	-0.9408	-0.8202
0.500	-1.4401	-1.3715	-0.9650	-0.9099	-0.7879
0.525	*******	-1.4329	-1.0937	-0.9061	-0.7921
0.550	-1.6439	-1.5890	-1.2052	-0.8995	-0.7721
0.575	*******	-1.6501	-1.2954	-0.9179	-0.7880
0.600	-1.5806	-1.6898	-1.3802	-0.9385	-0.7787
0.625	*******	*******	-1.3219	-0.9355	-0.7774
0.650	-1.5586	-1.5096	-1.1218	-0.9280	-0.7765
0.675	*******	-1.5079	-1.0337	-0.9238	-0.7659
0.700	-1.5803	-1.4948	-0.9679	-0.9125	-0.7564
0.725	*******	-1.4974	*******	-0.9121	-0.7509
0.750	-1.6588	-1.5115	*******	-0.8845	-0.7305
0.775	*******	-1.5399	-0.7901	-0.8742	-0.7188
0.800	-1.5125	-1.5465	-0.7548	-0.8586	*******
0.825	*******	-1.5039	-0.7576	-0.8584	-0.6755
0.850	-1.3780	-1.4414	-0.7672	-0.8493	-0.6519
0.875	*******	-1.4002	-0.7313	-0.8433	-0.6270
0.900	-1.3869	-1.3865	-0.6703	-0.8343	*******
0.925	*******	-1.3852	-0.6237	-0.8166	-0.5950
0.950	-1.3893	-1.3818	-0.6034	-0.8047	-0.5386
0.975	*******	-1.3932	-0.5887	-0.7883	-0.5020
1.000	-1.3930	-1.3883	-0.6188	-0.7724	-0.4611
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	0.6350	0.5606	0.5227	*******	-0.4900
-0.400	0.6335	0.5643	0.4870	0.2714	-0.5605
-0.600	0.6291	0.5626	0.4812	0.2954	-0.5314
-0.700	*******	0.5554	0.4793	0.3114	-0.4944
-0.800	*******	*******	0.4650	0.3217	-0.4107
-0.850	*******	0.4920	0.4479	0.3175	-0.3812
-0.900	0.5071	0.4161	0.3996	0.2992	-0.3452
-0.950	0.4158	0.1295	0.2515	0.1981	-0.1225
-0.975	*******	0.0058	0.0689	0.0447	-0.1074
-1.000	-1.4019	-1.3823	-0.6681	-0.7596	-0.4639



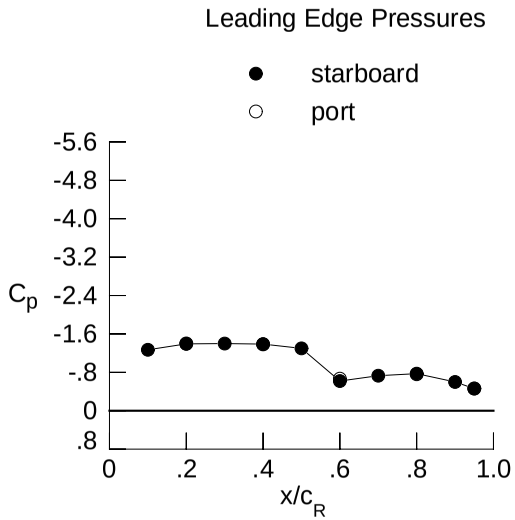
Small Radius L.E.

Run No. = 50 , Point No. = 1090

C_N = 1.119, C_m = -0.1624

α = 24.9 °, M_∞ = 0.850

R_{mac} = 83.9×10^6

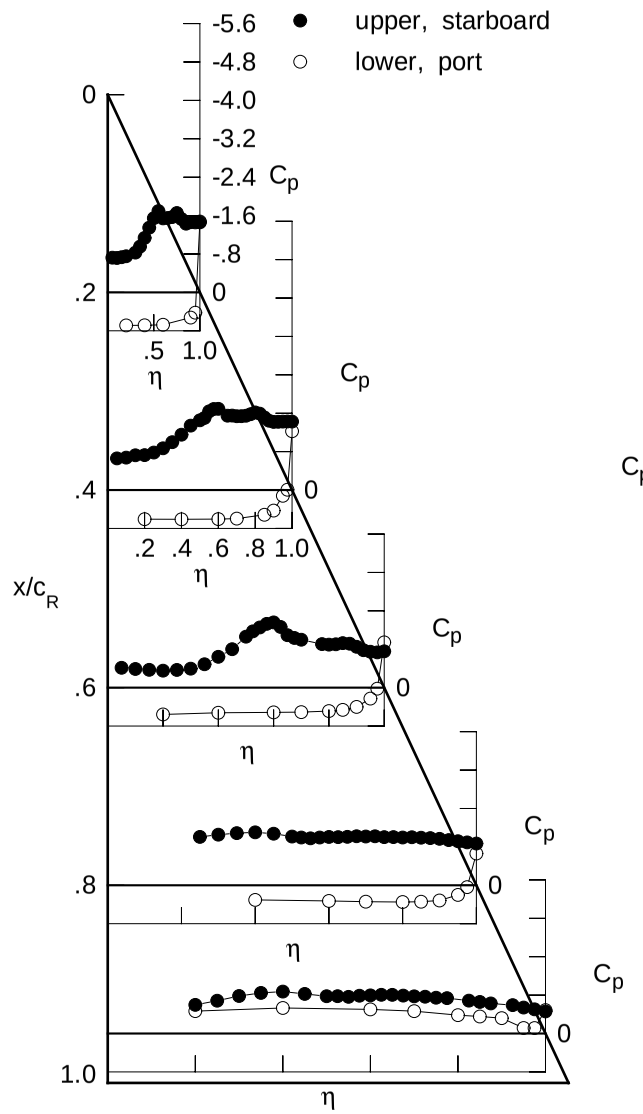


x/c_R	starb'd C_p	port C_p
0.10	-1.2694	*******
0.20	-1.3930	-1.4019
0.30	-1.3993	*******
0.40	-1.3883	-1.3823
0.50	-1.2990	*******
0.60	-0.6188	-0.6681
0.70	-0.7297	*******
0.80	-0.7724	-0.7596
0.90	-0.5995	*******
0.95	-0.4611	-0.4639

Table C7. Continued.

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

Surface Pressures



Small Radius L.E.

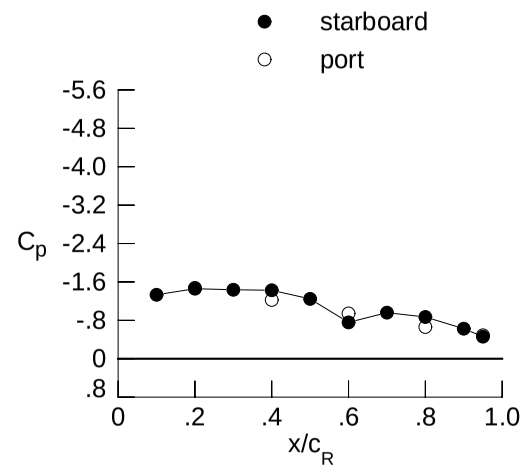
Run No. = 50 , Point No. = 1091

C_N = 1.190, C_m = -0.1707

α = 26.9 °, M_∞ = 0.851

R_{mac} = 83.9×10^6

Leading Edge Pressures

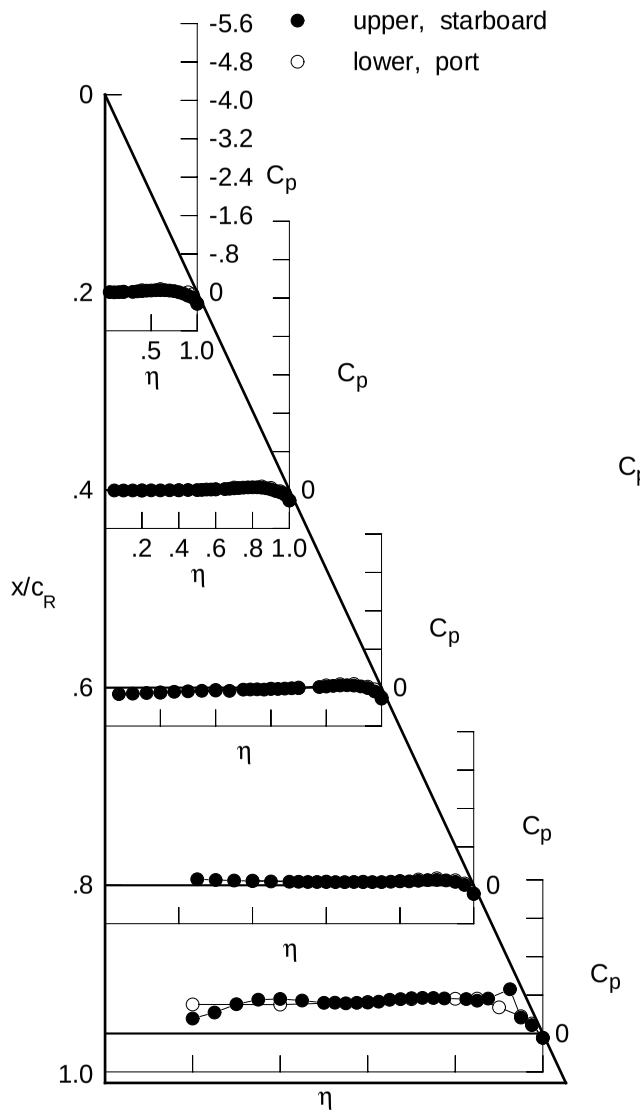


x/c_R	starb'd C_p	port C_p
0.10	-1.3319	*******
0.20	-1.4593	-1.4762
0.30	-1.4369	*******
0.40	-1.4263	-1.2245
0.50	-1.2464	*******
0.60	-0.7572	-0.9430
0.70	-0.9599	*******
0.80	-0.8693	-0.6613
0.90	-0.6256	*******
0.95	-0.4603	-0.4878

Table C7. Concluded.

η	x/c_R .2 $C_{p,u}$	x/c_R .4 $C_{p,u}$	x/c_R .6 $C_{p,u}$	x/c_R .8 $C_{p,u}$	x/c_R .95 $C_{p,u}$
0.050	-0.0061	0.0084	0.1341	*******	*******
0.100	-0.0015	0.0092	0.1248	*******	*******
0.150	-0.0050	0.0090	0.1124	*******	*******
0.200	-0.0079	0.0126	0.1000	*******	-0.3120
0.250	*******	0.0064	0.0866	-0.1252	-0.4368
0.300	-0.0104	0.0070	0.0765	-0.1105	-0.6106
0.350	-0.0219	0.0046	0.0658	-0.0989	-0.7047
0.400	-0.0268	0.0039	0.0596	-0.0871	-0.7199
0.450	-0.0357	-0.0011	0.0670	-0.0802	-0.6869
0.500	-0.0393	0.0010	0.0416	-0.0742	-0.6394
0.525	*******	-0.0035	0.0387	-0.0735	-0.6423
0.550	-0.0457	-0.0106	0.0353	-0.0688	-0.6290
0.575	*******	-0.0107	0.0410	-0.0690	-0.6395
0.600	-0.0468	-0.0140	0.0255	-0.0690	-0.6446
0.625	*******	*******	0.0269	-0.0664	-0.6632
0.650	-0.0456	-0.0202	0.0199	-0.0659	-0.7034
0.675	*******	-0.0273	0.0125	-0.0687	-0.7158
0.700	-0.0375	-0.0349	0.0108	-0.0671	-0.7358
0.725	*******	-0.0417	*******	-0.0665	-0.7426
0.750	-0.0266	-0.0492	*******	-0.0661	-0.7397
0.775	*******	-0.0552	-0.0127	-0.0743	-0.7304
0.800	-0.0028	-0.0565	-0.0235	-0.0827	*******
0.825	*******	-0.0568	-0.0370	-0.0812	-0.7177
0.850	0.0259	-0.0497	-0.0452	-0.0936	-0.6840
0.875	*******	-0.0369	-0.0495	-0.1081	-0.7283
0.900	0.0699	-0.0134	-0.0433	-0.1117	*******
0.925	*******	0.0191	-0.0259	-0.1018	-0.9226
0.950	0.1078	0.0469	0.0087	-0.0713	-0.3319
0.975	*******	0.0945	0.0792	-0.0074	-0.1748
1.000	0.2382	0.2195	0.2292	0.1818	0.0887
	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$	$C_{p,l}$
-0.200	-0.0152	0.0056	0.1045	*******	-0.6055
-0.400	-0.0448	0.0047	0.0481	-0.0969	-0.6020
-0.600	-0.0688	-0.0161	0.0217	-0.0764	-0.6560
-0.700	*******	-0.0521	-0.0017	-0.0737	-0.7149
-0.800	*******	*******	-0.0482	-0.0886	-0.7237
-0.850	*******	-0.0743	-0.0720	-0.1199	-0.7269
-0.900	-0.0017	-0.0442	-0.0769	-0.1454	-0.5444
-0.950	0.0372	0.0249	-0.0201	-0.1049	-0.3603
-0.975	*******	0.0712	0.0351	-0.0364	-0.2078
-1.000	0.2268	0.2137	0.2017	0.1706	0.0910

Surface Pressures



Small Radius L.E.

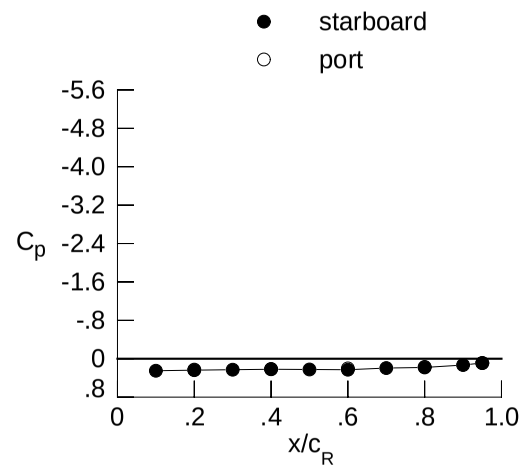
Run No. = 50 , Point No. = 1092

C_N = -0.012, C_m = 0.0022

α = -0.3 °, M_∞ = 0.849

R_{mac} = 84.7×10^6

Leading Edge Pressures



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