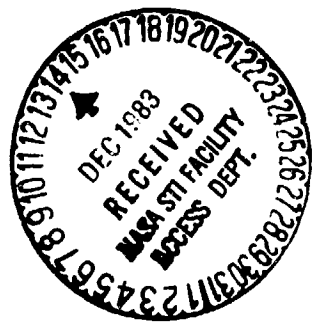


NASA Technical Memorandum 84579



Tabulation of Data From Tests of an NPL 9510 Airfoil
in the Langley 0.3-Meter Transonic Cryogenic Tunnel

(NASA-TM-84579) TABULATION OF DATA FROM
TESTS OF AN NPL 9510 AIRFOIL IN THE LANGLEY
0.3-METER TRANSONIC CRYOGENIC TUNNEL (NASA)
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SUMMARY

This report presents the tabulated data from tests of a NPL 9510 airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel. The analysis of the data are presented in reference 1, a companion report entitled "Reynolds Number Tests of an NLP 9510 in the Langley 0.3-Meter Transonic Cryogenic Tunnel." The tests were made over the following range of conditions:

Mach number - 0.35 to 0.82

Total temperature - 94 to 300 K

Total pressure - 1.20 to 5.81 atmospheres

Reynolds number - 1.34 to 48.23 million

Angle of attack - 0 to 6 degrees

The NPL 9510 airfoil was observed to have decreasing drag at the highest test Reynolds number.

INTRODUCTION

The data of the present work were obtained in a test conducted as a part of the NASA/United Kingdom Joint Aeronautical Program. The airfoil tested is of British design and is designated the NPL 9510. The test was conducted in the Langley 0.3-Meter Transonic Cryogenic Tunnel (0.3-m TCT).

This work presents a tabulation of the surface pressure distributions as well as integrated aerodynamic coefficients for an NPL 9510 airfoil.

SYMBOLS

The International System of Units is used for the physical quantities found in this paper. Measurements and calculations were made in U. S. Customary Units.

ALPHA	angle of attack, degrees
c	model chord length, 152.4 mm
CD _{2,1,3,4,5}	drag force coefficients
CDCOR _{2,1,3,4,5}	corrected drag force coefficients
CM.25	quarter chord pitching moment coefficient
CN	normal force coefficient
C _p	pressure coefficient
MLOC	local Mach number
M, INF	average free-stream Mach number
PT	average total pressure, atmospheres (1 atmosphere = 101325N/m ²)
P/PT	instantaneous static to total pressure ratio
RC*E06	Reynolds number in millions based on chord
TT	total temperature, K
X	coordinate along chord, mm
Z	coordinate perpendicular to chord, mm

MODEL DESCRIPTION

The airfoil tested was designed at the British National Physics Laboratory and is designated as the NPL 9510. This airfoil, sketched in figure 1, has a maximum thickness to chord ratio of 0.11, a blunt trailing-edge of $0.005c$ thickness, and has aft camber as is typical of most advanced airfoil shapes.

The model used has a chord of 152.4 mm (6 inches) and was constructed of HP 9-4-20 alloy steel. All pressure tubing is internal to the model with an electron-beam welded cover plate. Fifty flush surface static pressure orifices were installed on the model in swept chordwise rows. The upper surface row has 32 orifices and the lower surface surface row has 18 orifices. The orifices for each surface were connected to a high precision capacitive potentiometer type pressure transducer through a scanning valve system. (See reference 2 for a description of this type transducer.) The diameter of the orifices is 0.254 mm (0.01 inches) to minimize the orifice induced pressure errors. The measured coordinates for the completed model are presented in Table I. In general, the coordinates are within ± 0.0254 mm (0.001 inches) of the design values.

All tests presented with Reynolds number below 6 million were conducted with 240 mesh carbonundum grain transitions strips. These strips extended from 4 to 6 percent of the chord on the upper surface and from 6 to 8 percent of the chord on the lower surface. The transition strips were placed on the model in accordance with the method outlined in reference 3.

APPARATUS AND TESTS

This investigation was conducted in the Langley 0.3-Meter Transonic Cryogenic Tunnel (0.3-m TCT). This continuous flow tunnel uses cryogenic nitrogen gas as the test medium (see references 4 through 10 for background details) to achieve flight Reynolds number based on mean chord for a large group of aircraft.

In this test, the Mach number ranged from 0.35 to 0.82, the total temperature from 94 to 300 K, and the total pressure from 1.20 to 5.81 atmospheres. The resulting Reynolds number produced, based on the 152.4 mm chord, ranged from 1.34 to 48.23 million. The range of the angle of attack was from 0 to 6 degrees.

The airfoil drag coefficient was determined using a pitot type wake survey probe. A general description of the probe is given in reference 11 and a photograph of the probe installed in the tunnel is given in figure 2. For the present tests, the probe contained five active pitot tubes. The test section static pressure was measured on the wall opposite the probe. Viewed from the top, pitot tube number 1 is 12.7 mm to the right of the spanwise centerline of the test section. Pitot tube number 2 is at the centerline, number 3 is 12.7 mm to the left of the centerline, number 4 is 38.1 mm to the left of the centerline, and number 5 is 50.8 mm to the left of the centerline. Nine static pressures were measured in the plane of the pitot tubes. This plane is 112.14 mm (0.736c) downstream of the trailing edge of the airfoil at zero angle-of-attack. The static ports are arranged with one port at the tunnel centerline and four each, spaced 25.4 mm apart, above and below the centerline.

PRESENTATION OF DATA

The data presented herein in tabular form is a complete set of aerodynamic data for the NPL 9510 airfoil. They include average test conditions, surface pressure coefficients, normal force coefficients, quarter chord pitching moment coefficients, and drag force coefficients. The surface pressures are given in the standard C_p form as well as the usual British form of P/PT . The local Mach numbers corresponding to the surface pressures are also given. In the case of drag data, ten values of drag force coefficients are presented. (One base value for each of the five pitot tubes, and one corrected value for each pitot tube.) The drag coefficient for the pitot tube located at the span centerline (tube number 2) is considered to be the preferred measurement. It is, therefore, used as a reference to produce a difference for the other four tubes. This difference is listed in parenthesis following each coefficient value.

The data are presented in Table 2 and is, in general, arranged in the order of increasing Reynolds number. At each nominal Reynolds number, the data are ordered in terms of increasing Mach number and, at each Mach number, listed with increasing angle of attack. The nominal Reynolds numbers are: less than 7 million, 7 million, 15 million, 30 million, and 47.6 million. Each test point is labeled as to whether or not the model had artificial transition grit installed.

DRAG DATA AND CORRECTION

A typical survey for a pitot type momentum measurement is given in figure 3. In this figure, incremental drag is plotted as a function of survey distance. Thus, the area under the curve is a measure of total drag. Note that the base level of the curve does not coincide with the zero axis. That is, the curve has a zero offset due to signal noise, instrumentation drift, or to test section

momentum loss from the upstream station, where the free-stream total pressure is measured, to the wake measuring station. In any case, the zero is really an average of the measured points on the curve from A to C and D to E. Variation of the surveys makes automatic averaging tricky and erroneous, necessitating detailed examination of each survey for proper averaging. An alternative is to set a zero level and thus set the portion of the curve to be integrated. The zero level must be chosen judiciously in order to minimize error. For example, choosing H as the zero level would result in the entire curve A to E being integrated to give total drag. A L zero level would integrate the curve from C to D and a F zero level would integrate the curve from G to I. This method gives total drag as the sum of the area under all portions of the survey curve for which the measured incremental drag is greater than or equal to the zero set level. The $CD_{1,2,3,4}$, and 5 values of this report are determined by this method with the zero set at less than 12×10^{-6} per mm (0.0003 per inch). These values are subject to some error even when the utmost care is used to select the zero level, because they include the area between the zero set level and the zero axis for all portions of the curve used in the integration. In other words, these values have been corrected for the width of the survey, but not the zero level.

The $CDCOR_{1,2,3,4}$, and 5 values are $CD_{1,2,3,4}$, and 5 values which have been corrected for the offset zero. This correction is accomplished as follows: (1) If the zero level is set below the curve, the data reduction program selects the lowest value on the curve, multiplies it by the width of the curve, and subtracts this product from CD to get $CDCOR$. (In figure 3, this would be equivalent to having the zero level set at point H. The $CDCOR$ obtained would be the area under the curve after the curve has been translated down until the zero axis passes through the point B.) (2) If the zero level intersects the curve but is smaller than the first point, (i.e., point A) the zero level is multiplied by the width of

the survey used to obtain C_D and this product is subtracted from C_D to get C_{DCOR} . (In figure 3, this would be equivalent to translating the curve downward until the zero axis passed through points C and D.), and (3) If the zero level is greater than (1) and (2) above, the program multiplies the first point of the curve (i.e., point A) by the width of the curve used to obtain C_D and subtracts this product from C_D to obtain C_{DCOR} . (In figure 3, this is equivalent to translating the portion of the curve integrated for C_D downward until point A lies on the zero axis.) This method furnishes consistent results even if there is a shift in the zero of the pressure measuring instrumentation.

CONCLUDING REMARKS

Two-dimensional aerodynamic data have been tabulated in this report for a NPL-9510 airfoil. The drag of this particular airfoil is still decreasing at the highest test Reynolds number. The analysis of the data presented herein and significant conclusions are presented in reference 1.

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TABLE I. - AIRFOIL COORDINATES

Upper Surface

x/c	z/c
.0000	-.00002
.0004	.00392
.0016	.00760
.0025	.00942
.0050	.01277
.0100	.01670
.0150	.01922
.0200	.02100
.0250	.02238
.0300	.02357
.0400	.02553
.0500	.02722
.0600	.02871
.0700	.03007
.0800	.03129
.0900	.03241
.1000	.03343
.1200	.03530
.1400	.03694
.1600	.03839
.1800	.03970
.2000	.04090
.2200	.04205
.2400	.04315
.2600	.04417
.2800	.04507
.3000	.04592
.3200	.04669
.3400	.04741
.3600	.04806
.3800	.04867

x/c	z/c
.4000	.04917
.4200	.04959
.4400	.04990
.4600	.05013
.4800	.05027
.5000	.05031
.5200	.05028
.5400	.05016
.5600	.04995
.5800	.04970
.6000	.04930
.6200	.04879
.6400	.04818
.6600	.04741
.6800	.04655
.7000	.04543
.7200	.04415
.7400	.04263
.7600	.04093
.7800	.03902
.8000	.03688
.8200	.03459
.8400	.03205
.8600	.02933
.8800	.02642
.9000	.02337
.9200	.02009
.9400	.01655
.9600	.01278
.9800	.00888
1.0000	.00490

TABLE I. - AIRFOIL COORDINATES (Concluded)

Lower Surface

x/c	z/c
.0000	-.00002
.0004	-.00397
.0016	-.00795
.0025	-.00976
.0050	-.01353
.0100	-.01846
.0150	-.02201
.0200	-.02498
.0250	-.02753
.0300	-.02984
.0400	-.03388
.0500	-.03738
.0600	-.04043
.0700	-.04310
.0800	-.04547
.0900	-.04753
.1000	-.04940
.1200	-.05265
.1600	-.05759
.2000	-.06114
.2400	-.06340
.2800	-.06438
.3200	-.06408
.3607	-.06247
.4000	-.05962
.4400	-.05553
.4800	-.05036
.5200	-.04428
.5600	-.03762
.6000	-.03067
.6400	-.02373

x/c	z/c
.6800	-.01705
.7199	-.01064
.7600	-.00503
.8000	-.00047
.8400	.00299
.8800	.00475
.9200	.00485
.9600	.00322
1.0000	.00002

In the following table, asterisks (*****) indicates bad data.

GENERAL INDEX
OF POOR QUALITY

TABLE II. NPL 9510 TEST RESULTS

PT = 1.2024 TT = 301.2 RUN 37 POINT 1 GRIT ***DN ***
CM = .1653 CM.25 = -.0858 M.INF = .3505 RC*E06 = 1.35 ALPHA = -.01

CD2 CD1 CD3 CD4 CD5
.00940 .00994(-.00053) .00931(-.00010) .00895(-.00045) .00878(-.00062)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00843 .00900(-.00057) .00844(-.00000) .00824(-.00019) .00814(-.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0261	.9976	.0231	0.0000	1.0235	.9994	.0268
.0075	-.6728	.8660	.4578	.0100	.3020	.9428	.2911
.0101	-.7310	.8606	.4678	.0177	.0725	.9246	.3377
.0164	-.7682	.8584	.4719	.0526	-.2676	.8970	.3970
.0200	-.7061	.8621	.4651	.1023	-.3812	.8881	.4150
.0265	-.5530	.8758	.4393	.1527	-.4014	.8871	.4170
.0308	-.6078	.8704	.4495	.2020	-.4175	.8651	.4239
.0364	-.5023	.8783	.4344	.2770	-.4280	.8637	.4238
.0518	-.4161	.8852	.4208	.3757	-.4396	.8673	.4166
.0769	-.3560	.8699	.4113	.4907	-.2163	.8934	.4044
.1019	-.3226	.8927	.4057	.5257	-.1280	.9063	.3731
.1518	-.2847	.8963	.3983	.6007	-.0145	.9172	.3536
.2019	-.2566	.8979	.3951	.6755	.1036	.9263	.3323
.2519	-.2504	.8985	.3937	.7173	.1600	.9369	.3214
.3018	-.2454	.8990	.3927	.8507	.2642	.9391	.3007
.4018	-.2673	.8972	.3964	.9010	.2647	.9391	.3066
.4519	-.2748	.8966	.3977	.9508	.2266	.9368	.3066
.5020	-.2761	.8967	.3976	1.0000	.0707	.9245	.3366
.5270	-.2819	.8957	.3996				
.5520	-.2838	.8956	.3997				
.5770	-.2904	.8956	.3997				
.6020	-.2937	.8948	.4014				
.6270	-.3005	.8954	.4002				
.6519	-.3042	.8950	.4011				
.6770	-.3090	.8944	.4023				
.7020	-.3097	.8939	.4034				
.7516	-.2922	.8955	.4000				
.8017	-.2567	.8978	.3953				
.8519	-.2060	.9024	.3856				
.9012	-.1492	.9071	.3756				
.9518	-.0518	.9147	.3589				
1.0000	.0619	.9237	.3385				

PT = 1.2021 TT = 301.2 RUN 37 POINT 2 GRIT ***DN ***
CM = .2685 CM.25 = -.0858 M.INF = .3501 RC*E06 = 1.35 ALPHA = .99

CD2 CD1 CD3 CD4 CD5
.01040 .01099(-.00060) .01016(-.00024) .00990(-.00058) .00964(-.00076)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00943 .01006(-.00063) .00930(-.00013) .00921(-.00022) .00901(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9602	.9944	.0899	0.0000	.9539	.9938	.0939
.0075	-1.1188	.8289	.5249	.0100	.5180	.9593	.2443
.0101	-1.1233	.8294	.5237	.0177	.2858	.9469	.2962
.0164	-1.1039	.8305	.5218	.0526	-.1061	.9100	.3694
.0200	-1.0052	.8383	.5081	.1023	-.2566	.8980	.3948
.0265	-.8217	.8529	.4819	.1527	-.2974	.8950	.4010
.0308	-.8789	.8487	.4895	.2020	-.3323	.8920	.4077
.0364	-.7771	.8564	.4755	.2770	-.3688	.8890	.4132
.0518	-.5790	.8723	.4450	.3757	-.3387	.8911	.4090
.0769	-.4604	.8819	.4273	.4907	-.2684	.8977	.3955
.1019	-.4206	.8852	.4208	.5257	-.1037	.9110	.3672
.1518	-.3583	.8902	.4108	.6007	.0083	.9194	.3485
.2019	-.3224	.8928	.4055	.6755	.1222	.9287	.3265
.2519	-.3161	.8932	.4048	.7173	.1760	.9328	.3167
.3018	-.3059	.8937	.4037	.8507	.2732	.9404	.2974
.4018	-.3153	.8940	.4031	.9010	.2694	.9398	.2991
.4519	-.3160	.8943	.4025	.9508	.2313	.9371	.3059
.5020	-.3134	.8940	.4031	1.0000	.0646	.9240	.3377
.5270	-.3168	.8943	.4025				
.5520	-.3197	.8941	.4028				
.5770	-.3186	.8938	.4034				
.6020	-.3218	.8930	.4051				
.6270	-.3240	.8934	.4043				
.6519	-.3282	.8931	.4048				
.6770	-.3289	.8926	.4056				
.7020	-.3282	.8931	.4050				
.7516	-.3075	.8940	.4031				
.8017	-.2693	.8988	.3951				
.8519	-.2113	.9024	.3856				
.9012	-.1444	.9077	.3744				
.9518	-.0509	.9150	.3583				
1.0000	.0577	.9233	.3395				

ORIGINAL PHOTO
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 37 POINT 3 GRIT ***DN***
 PT = 1.2021 TT = 360.6 M, INF = .3520 RC*EGG = 1.36 ALPHA = 2.01
 CN = .3707 CM.25 = -.0849

CD2 CD1 CD3 CD4 CD5
 .01127 .01172(.00045) .01105(-.00022) .01076(-.00057) .01033(-.00094)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01012 .01039(.00047) .01002(-.00010) .00986(-.00025) .00937(-.00055)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.9000	.8338	.9842	.1511	0.0000	.8350	.9844	.1501
.0075	-1.6195	.7889	.5917	.0100	.6933	.9731	.1977
.0101	-1.5302	.7953	.5812	.0177	.4659	.9550	.2573
.0164	-1.4566	.8007	.5723	.0526	.0439	.9212	.3443
.0200	-1.3483	.8104	.5561	.1023	-1.1413	.9063	.3774
.0265	-1.2195	.8208	.5385	.1527	-.2049	.9014	.3876
.0308	-1.2518	.8175	.5440	.2020	-.2521	.8977	.3955
.0364	-1.1651	.8250	.5313	.2770	-.3037	.8938	.4034
.0518	-.6744	.8641	.4613	.3757	-.2917	.8947	.4017
.0769	-.6072	.8692	.4517	.4507	-.2268	.9001	.3904
.1019	-.5382	.8747	.4412	.5257	-.1042	.9102	.3689
.1518	-.4508	.8810	.4274	.6007	.0333	.9201	.3467
.2019	-.3974	.8861	.4190	.6755	.1401	.9289	.3262
.2519	-.3816	.8877	.4159	.7173	.1910	.9331	.3159
.3018	-.3659	.8888	.4137	.8507	.2819	.9405	.2971
.4018	-.3633	.8893	.4127	.9010	.2795	.9402	.2979
.4519	-.3583	.8901	.4110	.9508	.2392	.9365	.3073
.5020	-.3456	.8898	.4115	1.0000	.0633	.9231	.3398
.5270	-.3487	.8898	.4115				
.5520	-.3487	.8901	.4110				
.5770	-.3495	.8904	.4104				
.6020	-.3513	.8901	.4111				
.6270	-.3499	.8899	.4114				
.6519	-.3506	.8902	.4107				
.6770	-.3522	.8894	.4124				
.7020	-.3486	.8903	.4107				
.7516	-.3242	.8926	.4060				
.8017	-.2780	.8956	.3997				
.8519	-.2170	.9001	.3905				
.9012	-.1470	.9055	.3791				
.9519	-.0538	.9137	.3612				
1.0000	.0536	.9218	.3427				

TEST 118 RUN 37 POINT 4 GRIT ***DN***
 PT = 1.2022 TT = 300.8 M, INF = .3517 RC*EGG = 1.36 ALPHA = 3.01
 CN = .4541 CM.25 = -.0842

CD2 CD1 CD3 CD4 CD5
 .01243 .01276(.00033) .01226(-.00018) .01176(-.00067) .01126(-.00117)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01099 .01129(.00030) .01096(-.00003) .01067(-.00032) .01027(-.00072)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.6577	.3703	.2080	0.0000	.6505	.9696	.2104
.3075	-2.1354	.7472	.6586	.0100	.8246	.9835	.1540
.0101	-1.9716	.7609	.6368	.0177	.6162	.9672	.2187
.0164	-1.8315	.7721	.6190	.0526	.1779	.9322	.3180
.0200	-1.7222	.7797	.6067	.1023	-.0353	.9158	.3566
.0265	-1.6794	.7842	.5993	.1527	-.1173	.9086	.3724
.0308	-1.7285	.7803	.6057	.2020	-.1758	.9040	.3822
.0364	-1.0010	.8374	.5097	.2770	-.2404	.8992	.3924
.0518	-.8720	.8495	.4881	.3757	-.2441	.8986	.3932
.0769	-.7471	.8588	.4712	.4507	-.1825	.9037	.3828
.1019	-.6556	.8668	.4564	.5257	-.1082	.9088	.3698
.1518	-.5389	.8750	.4406	.6007	.0345	.9220	.3423
.2019	-.4698	.8807	.4297	.6755	.1569	.9306	.3220
.2519	-.4444	.8830	.4251	.7173	.2062	.9344	.3128
.3018	-.4214	.8847	.4218	.8507	.2907	.9410	.2957
.4018	-.4012	.8864	.4185	.9010	.2888	.9411	.2956
.4519	-.3945	.8871	.4170	.9508	.2385	.9369	.3065
.5020	-.3808	.8873	.4166	1.0000	.0581	.9226	.3400
.5270	-.3808	.8879	.4194				
.5520	-.3773	.8879	.4133				
.5770	-.3740	.8881	.4150				
.6020	-.3760	.8884	.4145				
.6270	-.3750	.8880	.4152				
.6519	-.3717	.8885	.4143				
.6770	-.3697	.8882	.4149				
.7020	-.3642	.8886	.4140				
.7516	-.3342	.8907	.4097				
.8017	-.2879	.8947	.4016				
.8519	-.2235	.9000	.3907				
.9012	-.1503	.9058	.3784				
.9519	-.0547	.9134	.3618				
1.0000	.0494	.9216	.3433				

CLASSIFICATION
OF PROGRAM

TABLE II.- Continued.

TEST 118 RUN 37 POINT 5 GRIT ***DN ***
 PT = 1.2022 TT = 300.4 M, INF = .3508 RC*E06 = 1.36 ALPHA = 3.99
 CN = .5591 CM.25 = -.0834

CD2	CD1	CD3	CD4	CD5
.01335	.01344(.00009)	.01332(-.00003)	.01277(-.00058)	.01220(-.00119)
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5
.01191	.01202(.00011)	.01198(.00008)	.01170(-.00021)	.01125(-.00066)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.4343	.9526	.2641	0.0000	.4287	.9520	.2659
.0075	-2.7052	.7023	.7286	.0100	.9254	.9916	.1097
.0101	-2.4257	.7263	.6913	.0177	.7358	.9766	.1843
.0164	-2.2874	.7366	.6753	.0526	.3007	.9422	.2926
.0200	-2.2005	.7427	.6656	.1023	.0654	.9236	.3388
.0265	-1.7051	.7830	.6013	.1527	-.0346	.9158	.3564
.0308	-2.2716	.7385	.6723	.2020	-.1038	.9101	.3690
.0364	-1.1790	.8240	.5329	.2770	-.1783	.9640	.3823
.0518	-1.0593	.8344	.5149	.3757	-.1933	.9031	.3841
.0769	-.8882	.8482	.4905	.4507	-.1433	.9069	.3761
.1019	-.7700	.8574	.4737	.5237	-.0768	.9125	.3630
.1518	-.6302	.8688	.4525	.6007	.0837	.9252	.3349
.2019	-.5432	.8754	.4400	.6755	.1763	.9326	.3172
.2519	-.5031	.8782	.4345	.7173	.2220	.9362	.3082
.3018	-.4705	.8812	.4287	.8507	.3005	.9420	.2933
.4018	-.4419	.8832	.4247	.9010	.2967	.9418	.2938
.4519	-.4290	.8847	.4218	.9508	.2463	.9377	.3044
.5020	-.4133	.8860	.4193	1.0000	.0492	.9224	.3414
.5270	-.4101	.8863	.4186				
.5520	-.4041	.8868	.4176				
.5770	-.3996	.8864	.4184				
.6020	-.3972	.8868	.4177				
.6270	-.3917	.8870	.4171				
.6519	-.3918	.8876	.4160				
.6770	-.3867	.8877	.4157				
.7020	-.3775	.8885	.4143				
.7516	-.3465	.8917	.4078				
.8017	-.2923	.8956	.3997				
.8519	-.2231	.9006	.3894				
.9012	-.1490	.9064	.3770				
.9516	-.0467	.9143	.3598				
1.0000	.0443	.9219	.3427				

TEST 118 RUN 37 POINT 6 GRIT ***DN ***
 PT = 1.2028 TT = 300.2 M, INF = .3516 RC*E06 = 1.36 ALPHA = 5.03
 CN = .6549 CM.25 = -.0230

CD2	CD1	CD3	CD4	CD5
.01500	.01510(.00011)	.01510(.00011)	.01481(-.00039)	.01397(-.00103)
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5
.01362	.01371(.00009)	.01389(.00027)	.01368(.00006)	.01310(-.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.1619	.9312	.3206	0.0000	.1566	.9297	.3241
.0075	-3.2887	.6953	.8007	.0100	.9502	.9968	.0681
.0101	-2.8831	.6912	.7456	.0177	.8375	.9845	.1496
.0164	-2.8416	.6933	.7423	.0526	.4135	.9310	.2686
.0200	-2.7782	.6966	.7373	.1023	.1641	.9314	.3202
.0265	-1.6728	.7856	.5971	.1527	.0485	.9222	.3420
.0308	-2.9352	.7187	.7032	.2020	-.0325	.9154	.3574
.0364	-1.4805	.8016	.5709	.2770	-.1271	.9075	.3748
.0518	-1.2444	.8179	.5434	.3757	-.1482	.9066	.3767
.0769	-1.0404	.8358	.5125	.4507	-.1020	.9100	.3693
.1019	-.8934	.8476	.4913	.5257	-.0390	.9155	.3572
.1518	-.7237	.8610	.4671	.6007	.1131	.9275	.3296
.2019	-.6192	.8688	.4526	.6755	.1927	.9342	.3131
.2519	-.5783	.8714	.4475	.7173	.2358	.9368	.3066
.3018	-.5291	.8764	.4380	.8507	.3104	.9428	.2911
.4018	-.4818	.8799	.4313	.9010	.3023	.9420	.2931
.4519	-.4643	.8819	.4273	.9508	.2506	.9380	.3036
.5020	-.4445	.8834	.4244	1.0000	.0423	.9209	.3449
.5270	-.4434	.8843	.4226				
.5520	-.4289	.8840	.4231				
.5770	-.4242	.8846	.4221				
.6020	-.4180	.8848	.4216				
.6270	-.4122	.8854	.4205				
.6519	-.4070	.8850	.4212				
.6770	-.4021	.8857	.4199				
.7020	-.3906	.8865	.4182				
.7516	-.3533	.8900	.4112				
.8017	-.2991	.8944	.4023				
.8519	-.2280	.8993	.3918				
.9012	-.1463	.9064	.3772				
.9516	-.0502	.9136	.3613				
1.0000	.0381	.9208	.3452				

GRIT
OF POOL QUALITY

TABLE II.- Continued.

TEST 118 RUN 37 POINT 7 GRIT ***ON ***
 TT = 300.2 M, INF = .3913 RC*E06 = 1.36 ALPHA = 5.98
 PT = 1.2023 CM.25 = -.0721
 CD2 CD1 CD3 CD4 CD5
 .04143 .04103(-.00040) .04211(.00067) .04125(-.00018) .03944(-.00200)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .04002 .03957(-.00045) .04066(.00066) .04012(.00069) .03844(-.00159)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.2132	.9346	.3121	0.0000	.1820	.9324	.3176
.0075	-1.8113	.7738	.6163	.0100	1.0020	.9977	.0575
.0101	-1.6887	.7866	.5954	.0177	.8676	.9870	.1368
.0164	-1.7883	.7747	.6148	.0526	.4605	.9548	.2579
.0200	-1.7079	.7820	.6030	.1023	.2070	.9346	.3123
.0265	-1.7433	.7800	.6062	.1527	.0892	.9252	.3349
.0308	-1.8299	.7737	.6163	.2020	.0052	.9185	.3503
.0364	-1.7836	.7759	.6128	.2770	-.0883	.9111	.3668
.0518	-1.7416	.7795	.6070	.3757	-.1254	.9082	.3733
.0769	-1.6632	.7864	.5998	.4507	-.0891	.9114	.3662
.1019	-1.5291	.7967	.5788	.5257	-.0219	.9162	.3557
.1516	-1.1387	.8277	.5266	.6007	.1183	.9272	.3301
.2019	-.7964	.8549	.4784	.6755	.1959	.9336	.3146
.2512	-.6160	.8693	.4524	.7173	.2370	.9371	.3059
.3018	-.5297	.8761	.4387	.8507	.3046	.9422	.2926
.4018	-.4691	.8814	.4283	.9010	.2945	.9414	.2949
.4519	-.4463	.8824	.4263	.9508	.2338	.9365	.3073
.5020	-.4248	.8840	.4233	1.0000	.0078	.9184	.3507
.5270	-.4204	.8846	.4220				
.5520	-.4115	.8858	.4197				
.5770	-.4014	.8861	.4190				
.6020	-.3931	.8866	.4180				
.6270	-.3859	.8872	.4167				
.6517	-.3746	.8879	.4155				
.6770	-.3653	.8885	.4141				
.7020	-.3571	.8899	.4114				
.7516	-.3163	.8928	.4056				
.8017	-.2685	.8967	.3975				
.8519	-.2068	.9017	.3872				
.9012	-.1424	.9070	.3757				
.9518	-.0761	.9125	.3639				
1.0000	.0003	.9177	.3522				

TEST 118 RUN 41 POINT 1 GRIT ***ON ***
 TT = 301.2 M, INF = .3938 RC*E06 = 1.50 ALPHA = -.01
 PT = 1.2045 CM.25 = -.0859
 CD2 CD1 CD3 CD4 CD5
 .00943 .00992(.00049) .00926(-.00017) .00883(-.00060) .00871(-.00071)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00821 .00672(.00051) .00811(-.00010) .00790(-.00031) .00790(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0225	.9983	.0487	0.0000	1.0203	.9581	.0518
.0075	-.6521	.8344	.5149	.0100	.2957	.9274	.3298
.0101	-.7296	.8272	.5274	.0177	.0580	.9048	.3805
.0164	-.7609	.8239	.5333	.0526	-.2761	.8713	.4479
.0200	-.7037	.8299	.5227	.1023	-.3902	.8604	.4883
.0265	-.5443	.8453	.4956	.1527	-.4067	.8592	.4704
.0308	-.6034	.8396	.5059	.2020	-.4237	.8572	.4740
.0364	-.4987	.8499	.4873	.2770	-.4459	.8556	.4771
.0518	-.4134	.8577	.4733	.3757	-.4007	.8597	.4696
.0769	-.3533	.8637	.4621	.4507	-.3246	.8670	.4559
.1019	-.3197	.8672	.4555	.5257	-.1354	.8835	.4201
.1518	-.2802	.8716	.4473	.6007	-.0181	.8972	.3965
.2019	-.2490	.8743	.4421	.6755	.1054	.9090	.3714
.2519	-.2434	.8753	.4402	.7173	.1596	.9139	.3607
.3018	-.2453	.8748	.4411	.8507	.2627	.9242	.3372
.4018	-.2677	.8726	.4454	.9010	.2636	.9241	.3376
.4519	-.2772	.8717	.4470	.9508	.2266	.9207	.3454
.5020	-.2786	.8718	.4468	1.0000	.0712	.9055	.3790
.5270	-.2835	.8712	.4480				
.5520	-.2355	.8703	.4496				
.5770	-.2906	.8702	.4499				
.6020	-.2963	.8693	.4517				
.6270	-.3012	.8692	.4517				
.6519	-.3057	.8688	.4526				
.6770	-.3098	.8681	.4539				
.7020	-.3108	.8680	.4530				
.7516	-.2948	.8700	.4491				
.8017	-.2568	.8736	.4435				
.8519	-.2043	.8778	.4353				
.9012	-.1417	.8848	.4216				
.9518	-.0518	.8931	.4049				
1.0000	.0626	.9045	.3812				

TABLE II.- Continued.

TEST 118 RUN 41 POINT 2 GRIT ***ON ***
 PT = 1.2046 TT = 303.3 M,INF = .3909 RC*E06 = 1.48 ALPHA = 1.00
 CM = .2658 CM,25 = -.0860

CD2 CD1 CD3 CD4 CD5
 .01027 .01076(.00049) .01017(-.00009) .00977(-.00050) .00942(-.00084)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00911 .00966(.00055) .00913(.00001) .00893(-.00019) .00868(-.00044)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9655	.9929	.1009	0.0000	.9639	.9928	.1017
.0075	-1.1113	.7926	.5857	.0100	.5103	.9485	.2757
.0101	-1.1234	.7911	.5881	.0177	.2822	.9273	.3300
.0164	-1.1014	.7929	.5852	.0526	-.1095	.8895	.4122
.0200	-1.0016	.8022	.5698	.1023	-.2633	.8743	.4420
.0265	-.8231	.8187	.5420	.1527	-.3048	.8701	.4501
.0308	-.8826	.8144	.5493	.3020	-.3386	.8675	.4550
.0364	-.7834	.8234	.5341	.2770	-.3726	.8635	.4625
.0518	-.5535	.8470	.4927	.3757	-.3462	.8662	.4374
.0769	-.4605	.8557	.4768	.4507	-.2729	.8731	.4443
.1019	-.4190	.8593	.4703	.5257	-.1015	.8899	.4114
.1518	-.3591	.8648	.4600	.6007	.0086	.9004	.3898
.2019	-.3220	.8691	.4520	.6755	.1220	.9116	.3658
.2519	-.3131	.8693	.4517	.7173	.1765	.9171	.3535
.3018	-.3076	.8699	.4504	.8507	.2727	.9260	.3329
.4018	-.3137	.8692	.4518	.9010	.2723	.9261	.3328
.4519	-.3162	.8692	.4518	.9508	.2318	.9225	.3411
.5020	-.3124	.8694	.4514	1.0000	.0662	.9062	.3775
.5270	-.3186	.8691	.4519				
.5520	-.3193	.8695	.4513				
.5770	-.3194	.8689	.4524				
.6020	-.3242	.8686	.4529				
.6270	-.3280	.8688	.4525				
.6519	-.3280	.8682	.4537				
.6770	-.3321	.8680	.4541				
.7020	-.3286	.8686	.4529				
.7516	-.3081	.8703	.4493				
.8017	-.2684	.8744	.4418				
.8519	-.2104	.8796	.4318				
.9012	-.1428	.8861	.4191				
.9518	-.0496	.8948	.4014				
1.0000	.0581	.9056	.3789				

TEST 118 RUN 41 POINT 3 GRIT ***ON ***
 PT = 1.2046 TT = 303.9 M,INF = .3895 RC*E06 = 1.48 ALPHA = 2.01
 CM = .3683 CM,25 = -.0849

CD2 CD1 CD3 CD4 CD5
 .01110 .01144(.00034) .01090(-.00020) .01057(-.00033) .01019(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00990 .01028(.00038) .00983(-.00007) .00971(-.00019) .00941(-.00048)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8474	.9816	.1628	0.0000	.8442	.9814	.1637
.0075	-1.6140	.7465	.6596	.0100	.6901	.9667	.2205
.0101	-1.5392	.7529	.6496	.0177	.4603	.9445	.2866
.0164	-1.4568	.7605	.6375	.0526	.0394	.9043	.3817
.0200	-1.3472	.7717	.6197	.1023	-.1484	.8865	.4183
.0265	-1.2425	.7817	.6034	.1527	-.2697	.8800	.4310
.0308	-1.2601	.7797	.6068	.2020	-.2374	.8756	.4396
.0364	-1.1485	.7907	.5888	.2770	-.3066	.8707	.4489
.0518	-.6736	.8356	.5128	.3757	-.2971	.8725	.4455
.0769	-.6050	.8425	.5006	.4507	-.2292	.8787	.4336
.1019	-.5372	.8493	.4885	.5257	-.0917	.8917	.4078
.1518	-.4483	.8571	.4743	.6007	.0315	.9035	.3833
.2019	-.3958	.8623	.4647	.6755	.1392	.9142	.3602
.2519	-.3777	.8639	.4618	.7173	.1910	.9189	.3495
.3018	-.3660	.8659	.4580	.8507	.2811	.9273	.3300
.4018	-.3605	.8661	.4576	.9010	.2810	.9275	.3294
.4519	-.3558	.8664	.4570	.9508	.2352	.9233	.3393
.5020	-.3474	.8672	.4555	1.0000	.0589	.9064	.3771
.5270	-.3521	.8673	.4554				
.5520	-.3471	.8674	.4552				
.5770	-.3466	.8671	.4558				
.6020	-.3494	.8672	.4555				
.6270	-.3513	.8673	.4553				
.6519	-.3526	.8671	.4558				
.6770	-.3528	.8668	.4562				
.7020	-.3460	.8671	.4558				
.7516	-.3223	.8700	.4503				
.8017	-.2780	.8740	.4426				
.8519	-.2164	.8799	.4312				
.9012	-.1467	.8863	.4185				
.9518	-.0526	.8954	.4003				
1.0000	.0532	.9059	.3762				

TABLE II.- Continued.

TEST 118 RUN 41 POINT 4 GRIT ***DN ***
 PT = 1.2046 TT = 302.2 M,INF = .3913 RC*E06 = 1.49 ALPHA = 3.02
 CN = .4624 CM,25 = -.0842

CD2 CD1 CD3 CD4 CD5
 .01203 .01235(.00032) .01197(-.00006) .01191(-.00052) .01105(-.00098)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01098 .01122(.00034) .01085(-.00003) .01061(-.00027) .01028(-.00060)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.6768	.9646	.2272	0.0000	.6738	.9645	.2277
.0075	-2.1479	.6903	.7470	.0100	.8226	.9791	.1741
.0101	-1.9775	.7067	.7217	.0177	.6108	.9585	.2467
.0164	-1.8448	.7187	.7031	.0526	.1737	.9160	.3562
.0200	-1.7569	.7289	.6872	.1023	-.0383	.8948	.4015
.0265	-1.6597	.7387	.6719	.1527	-.1217	.8878	.4156
.0306	-1.7435	.7295	.6864	.2020	-.1813	.8822	.4267
.0364	-.9754	.8047	.5656	.2770	-.2448	.8757	.4393
.0518	-.8738	.8145	.5491	.3757	-.2452	.8752	.4403
.0769	-.7457	.8267	.5284	.4507	-.1867	.8813	.4284
.1019	-.6495	.8351	.5137	.5257	-.0985	.8899	.4114
.1516	-.5418	.8472	.4923	.6007	.0474	.9043	.3816
.2019	-.4716	.8542	.4796	.6755	.1577	.9145	.3594
.2519	-.4438	.8565	.4755	.7173	.2053	.9194	.3484
.3018	-.4173	.8589	.4714	.8507	.2910	.9276	.3291
.4018	-.4026	.8604	.4682	.9010	.2880	.9275	.3294
.4519	-.3952	.8612	.4668	.9508	.2392	.9231	.3598
.5020	-.3832	.8627	.4639	1.0000	.0973	.9054	.3793
.5270	-.3800	.8623	.4647				
.5520	-.3780	.8630	.4634				
.5770	-.3758	.8631	.4632				
.6020	-.3753	.8635	.4625				
.6270	-.3757	.8639	.4616				
.6519	-.3730	.8639	.4617				
.6770	-.3716	.8636	.4623				
.7020	-.3641	.8641	.4613				
.7516	-.3375	.8670	.4558				
.8017	-.2876	.8717	.4470				
.8519	-.2224	.8778	.4352				
.9012	-.1432	.8852	.4208				
.9518	-.0519	.8948	.4014				
1.0000	.0501	.9044	.3814				

TEST 118 RUN 41 POINT 5 GRIT ***DN ***
 PT = 1.2032 TT = 300.3 M,INF = .3910 RC*E06 = 1.50 ALPHA = 3.98
 CN = .5560 CM,25 = -.0831

CD2 CD1 CD3 CD4 CD5
 .01292 .01328(.00036) .01302(.00009) .01242(-.00050) .01185(-.00107)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01181 .01220(.00039) .01202(.00022) .01166(-.00014) .01116(-.00064)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.4688	.9445	.2867	0.0000	.4659	.9444	.2867
.0075	-2.7058	.6370	.8289	.0100	.9226	.9886	.1280
.0101	-2.4252	.6614	.7914	.0177	.7359	.9702	.2082
.0164	-2.3361	.6715	.7760	.0526	.2968	.9277	.3290
.0200	-2.2539	.6762	.7687	.1023	.0669	.9064	.3771
.0265	-1.9268	.7495	.6550	.1527	-.0385	.8952	.4007
.0306	-2.2849	.6751	.7704	.2020	-.1165	.8888	.4135
.0364	-1.1965	.7801	.6060	.2770	-.1910	.8801	.4308
.0518	-1.0542	.7946	.5824	.3757	-.2012	.8791	.4328
.0769	-.8852	.8126	.5524	.4507	-.1481	.8848	.4216
.1019	-.7641	.8264	.5288	.5257	-.0758	.8920	.4072
.1516	-.6255	.8381	.5085	.6007	.0832	.9077	.3743
.2019	-.5518	.8470	.4927	.6755	.1796	.9176	.3525
.2519	-.5122	.8488	.4894	.7173	.2200	.9212	.3442
.3018	-.4734	.8525	.4826	.8507	.2980	.9287	.3266
.4018	-.4438	.8561	.4761	.9010	.2906	.9277	.3290
.4519	-.4291	.8577	.4732	.9508	.2403	.9227	.3408
.5020	-.4084	.8603	.4685	1.0000	.0544	.9050	.3800
.5270	-.4052	.8614	.4663				
.5520	-.4059	.8610	.4671				
.5770	-.4062	.8609	.4673				
.6020	-.4015	.8608	.4675				
.6270	-.3955	.8612	.4668				
.6519	-.3919	.8620	.4653				
.6770	-.3883	.8617	.4658				
.7020	-.3796	.8624	.4646				
.7516	-.3476	.8659	.4580				
.8017	-.2953	.8715	.4474				
.8519	-.2267	.8781	.4348				
.9012	-.1410	.8861	.4190				
.9518	-.0513	.8951	.4009				
1.0000	.0454	.9037	.3829				

LOWMAN
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 40 POINT 1 GRIT ***ON ***
 PT = 1.2030 TT = 297.6 M*INF = .5020 RC*E06 = 1.86 ALPHA = .00
 CM = .1624 CM.25 = -.0901

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0604	.9994	.0294	0.0000	1.0601	.9994	.0304
.0075	-.6581	.7443	.6631	.0100	.3195	.8699	.4113
.0101	-.7354	.7321	.6823	.0177	.0809	.853	.4811
.0164	-.8012	.7230	.6965	.0526	-.2877	.7991	.5740
.0200	-.7410	.7318	.6827	.1023	-.4177	.7797	.6068
.0265	-.5824	.7567	.6436	.1527	-.4395	.7766	.6118
.0308	-.6357	.7469	.6590	.2020	-.4594	.7740	.6159
.0364	-.5293	.7632	.6331	.2770	-.4826	.7704	.6217
.0518	-.4353	.7765	.6119	.3757	-.4354	.7777	.6100
.0769	-.3691	.7870	.5948	.4507	-.3553	.7896	.5905
.1019	-.3350	.7919	.5867	.5257	-.1548	.8189	.5416
.1518	-.2773	.8007	.5723	.6007	-.0170	.8393	.5064
.2019	-.2535	.8045	.5659	.6755	.1118	.8585	.4718
.2519	-.2601	.8034	.5677	.7173	.1698	.8677	.4546
.3018	-.2628	.8033	.5680	.8507	.2754	.8827	.4256
.4018	-.2038	.8402	.5731	.9010	.2783	.8830	.4251
.4517	-.2920	.7985	.5758	.9508	.2410	.8774	.4361
.5020	-.2935	.7982	.5764	1.0000	.0790	.8542	.4796
.5270	-.2993	.7974	.5777				
.5520	-.3037	.7977	.5773				
.5770	-.3073	.7962	.5797				
.6020	-.3134	.7950	.5818				
.6270	-.3175	.7943	.5829				
.6519	-.3240	.7945	.5825				
.6770	-.3286	.7932	.5847				
.7020	-.3280	.7926	.5857				
.7516	-.3124	.7954	.5810				
.8017	-.2716	.8006	.5724				
.8519	-.2161	.8094	.5577				
.9012	-.1438	.8195	.5406				
.9518	-.0494	.8341	.5154				
1.0000	.0707	.8524	.4828				

TEST 118 RUN 40 POINT 2 GRIT ***ON ***
 PT = 1.2029 TT = 247.5 M*INF = .5011 RC*E06 = 1.86 ALPHA = 1.00
 CM = .2746 CM.25 = -.0903

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0047	.9912	.1126	0.0000	1.0021	.9908	.1152
.0075	-1.1273	.6749	.7708	.0100	.5343	.9213	.3440
.0101	-1.1304	.6740	.7720	.0177	.2947	.8862	.4188
.0164	-1.1700	.6689	.7800	.0526	-.1225	.8243	.5324
.0200	-1.0674	.6838	.7570	.1023	-.2827	.7999	.5736
.0265	-.9126	.7065	.7220	.1527	-.3281	.7933	.5845
.0308	-.9531	.7004	.7315	.2020	-.3655	.7887	.5921
.0364	-.8675	.7135	.7113	.2770	-.4063	.7823	.6024
.0518	-.5280	.7646	.6310	.3757	-.3758	.7864	.5958
.0769	-.4900	.7699	.6225	.4507	-.3006	.7977	.5772
.1019	-.4412	.7763	.6121	.5257	-.1142	.8253	.5307
.1518	-.3770	.7860	.5964	.6007	.0061	.8433	.4992
.2019	-.3383	.7927	.5855	.6755	.1294	.8613	.4665
.2519	-.3321	.7933	.5845	.7173	.1852	.8696	.4510
.3018	-.3246	.7940	.5833	.8507	.2855	.8849	.4213
.4018	-.3330	.7929	.5851	.9010	.2878	.8845	.4222
.4517	-.3356	.7925	.5858	.9508	.2440	.8785	.4339
.5020	-.3322	.7932	.5846	1.0000	.0721	.8530	.4818
.5270	-.3361	.7923	.5862				
.5520	-.3362	.7922	.5862				
.5770	-.3415	.7923	.5862				
.6020	-.3417	.7909	.5885				
.6270	-.3477	.7909	.5884				
.6519	-.3490	.7906	.5889				
.6770	-.3518	.7902	.5896				
.7020	-.3504	.7905	.5891				
.7516	-.3286	.7937	.5839				
.8017	-.2827	.8002	.5732				
.8519	-.2200	.8089	.5585				
.9012	-.1483	.8195	.5406				
.9518	-.0492	.8347	.5144				
1.0000	.0658	.8520	.4835				

CHANGES IN
OF POS. QUANTITY

TABLE II.- Continued.

TEST 118 RUN 40 POINT 3 GRIT ***DN ***
 TT = 297.4 M, INF = .5009 RC*E06 = 1.86 ALPHA = 2.01
 PT = 1.2030 CM = .5835
 CD2 CD1 CD3 CD4 CD5
 .01059 .01104(.00045) .01043(-.00017) .01008(-.00051) .00968(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00964 .01010(.00047) .00958(-.00009) .00943(-.00021) .00909(-.00055)

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		MLOC
	CP	P/P/T	CP			P/P/T		
0.0000	.9020	.9760	.8959	0.0000	.8959	.9750	.1903	
.0075	-1.6533	.5970	.7028	.0100	.7028	.9464	.2813	
.0101	-1.5590	.6123	.4721	.0177	.4721	.9125	.3639	
.0164	-1.5558	.6127	.0368	.0526	.0368	.8483	.4902	
.0200	-1.4568	.6273	-.1609	.1023	-.1609	.8179	.5433	
.0265	-1.3895	.6365	-.2288	.1527	-.2288	.8089	.5585	
.0308	-1.3926	.6369	-.2793	.2020	-.2793	.8015	.5709	
.0364	-.1313	.6746	-.3342	.2770	-.3342	.7927	.5855	
.0518	-.7160	.7368	-.3223	.3757	-.3223	.7951	.5916	
.0769	-.6413	.7482	-.3257	.4507	-.2516	.8053	.5645	
.1019	-.5616	.7584	-.0798	.5257	.8309	.8109	.5211	
.1518	-.4733	.7728	.0265	.6007	.0265	.8465	.4935	
.2019	-.4163	.7813	.8645	.6755	.1473	.8645	.4606	
.2519	-.3972	.7833	.8645	.7173	.2003	.8726	.4452	
.3018	-.3831	.7861	.8645	.8507	.2939	.8857	.4107	
.4018	-.3789	.7865	.8645	.9010	.2949	.8957	.4197	
.4519	-.3764	.7870	.8645	.9508	.2478	.8792	.4325	
.5020	-.3686	.7881	.8645	1.0000	.0697	.8531	.4817	
.5270	-.3698	.7881	.5930					
.5520	-.3695	.7886	.5931					
.5770	-.3678	.7876	.5922					
.6020	-.3697	.7876	.5938					
.6270	-.3718	.7877	.5945					
.6519	-.3726	.7879	.5938					
.6770	-.3714	.7879	.5929					
.7020	-.3680	.7882	.5929					
.7516	-.3423	.7915	.5874					
.8017	-.2917	.7992	.5748					
.8519	-.2263	.8084	.5594					
.9012	-.1508	.8203	.5393					
.9518	-.0502	.8347	.5143					
1.0000	.0613	.8518	.4840					

TEST 118 RUN 40 POINT 4 GRIT ***DN ***
 TT = 297.5 M, INF = .5001 RC*E06 = 1.86 ALPHA = 3.01
 PT = 1.2031 CM = .4852
 CD2 CD1 CD3 CD4 CD5
 .01207 .01248(.00041) .01206(-.00001) .01158(-.00048) .01107(-.00100)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01107 .01146(.00039) .01117(.00010) .01090(-.00017) .01044(-.00063)

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		MLOC
	CP	P/P/T	CP			P/P/T		
0.0000	.7628	.9557	.7577	0.0000	.7577	.9548	.2578	
.0075	-2.2018	.5181	.8353	.0100	.8353	.9663	.2218	
.0101	-1.9514	.5551	.6183	.0177	.6183	.9343	.3128	
.0164	-2.0021	.5484	.1754	.0526	.1754	.8688	.4526	
.0200	-1.9466	.5550	-.0476	.1023	-.0476	.8358	.5124	
.0265	-1.8250	.5738	-.1342	.1527	-.1342	.8228	.5350	
.0308	-1.9597	.5539	-.1979	.2020	-.1979	.8138	.5677	
.0364	-1.1378	.6746	-.2664	.2770	-.2664	.8034	.5855	
.0518	-.9010	.7104	-.2688	.3757	-.2688	.8029	.5855	
.0769	-.7813	.7275	-.2059	.4507	-.2059	.8126	.5523	
.1019	-.6871	.7414	-.0587	.5257	-.0587	.8345	.5148	
.1518	-.5667	.7588	.0515	.6007	.0515	.8503	.4667	
.2019	-.4932	.7703	.1632	.6755	.1632	.8672	.4556	
.2519	-.4650	.7741	.0748	.7173	.2156	.8748	.4412	
.3018	-.4395	.7777	.8873	.8507	.3024	.8873	.4166	
.4018	-.4228	.7807	.8872	.9010	.3012	.8872	.4168	
.4519	-.4151	.7819	.8801	.9508	.2506	.8801	.4309	
.5020	-.4022	.7832	.8651	1.0000	.0601	.8521	.4835	
.5270	-.4027	.7837	.8651					
.5520	-.3973	.7843	.8651					
.5770	-.3963	.7840	.8651					
.6020	-.3993	.7842	.8651					
.6270	-.3952	.7848	.8651					
.6519	-.3941	.7851	.8651					
.6770	-.3900	.7854	.8651					
.7020	-.3835	.7867	.8651					
.7516	-.3545	.7906	.8651					
.8017	-.3001	.7985	.8651					
.8519	-.2316	.8090	.8651					
.9012	-.1502	.8204	.8651					
.9518	-.0445	.8355	.8651					
1.0000	.0555	.8512	.8651					

TABLE II - Continued.

TEST 118 RUN 40 POINT 5 GRIT ***ON***
 PT = 1.2037 TT = 297.6 M,INF = .4990 KC*E06 = 1.06 ALPHA = 4.00
 CN = .5858 CM.25 = -.0855

CD2 CD1 CD3 CD4 CD5
 .01531 .01535(-.00004) .01527(-.00003) .01492(-.00079) .01410(-.00120)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01427 .01431(-.00004) .01427(-.00001) .01371(-.00055) .01341(-.00086)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.5987	.9318	.3191	0.0000	.5902	.9308	.3216
.0075	-2.6537	.4561	1.1211	.0100	.9307	.9805	.1679
.0101	-2.2166	.5184	1.0159	.0177	.7354	.9516	.2671
.0164	-2.4435	.4853	1.0708	.0526	.2948	.8868	.4177
.0200	-2.4133	.4894	1.0639	.1023	.0556	.8518	.4839
.0265	-2.3088	.5048	1.0382	.1527	-.0476	.8366	.5111
.0302	-2.4824	.4793	1.0809	.2020	-.1217	.8263	.5290
.0364	-1.7483	.5871	.9062	.2770	-.2003	.8138	.5504
.0518	-1.1119	.6792	.7641	.3757	-.2197	.8114	.5544
.0769	-.9151	.7086	.7188	.4507	-.1635	.8194	.5408
.1019	-.8048	.7253	.6928	.5257	-.0502	.8362	.5118
.1518	-.6609	.7464	.6599	.6007	.0748	.8541	.4797
.2019	-.5726	.7602	.6380	.6755	.1805	.8701	.4501
.2519	-.45287	.7654	.6297	.7173	.2281	.8772	.4365
.3018	-.4967	.7707	.6212	.8507	.3105	.8889	.4134
.4018	-.4653	.7750	.6143	.9010	.3072	.8885	.4142
.4516	-.4520	.7771	.6109	.9508	.2544	.8808	.4296
.5020	-.4336	.7792	.6075	1.0000	.0574	.8520	.4835
.5270	-.4324	.7800	.6063				
.5520	-.4269	.7808	.6048				
.5770	-.4211	.7810	.6045				
.6020	-.4191	.7815	.6038				
.6270	-.4149	.7821	.6027				
.6519	-.4117	.7830	.6013				
.6770	-.4048	.7831	.6011				
.7020	-.3965	.7848	.5983				
.7516	-.3610	.7901	.5898				
.8417	-.3046	.7985	.5758				
.8519	-.2326	.8092	.5581				
.9012	-.1517	.8223	.5359				
.9518	-.0500	.8368	.5168				
1.0000	.0477	.8500	.4873				

TEST 118 RUN 40 POINT 6 GRIT ***ON***
 PT = 1.2033 TT = 298.0 M,INF = .5008 KC*E06 = 1.06 ALPHA = 5.00
 CN = .6607 CM.25 = -.0790

CD2 CD1 CD3 CD4 CD5
 .02649 .02600(-.00049)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02540 .02493(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.5137	.9186	.3501	0.0000	.4781	.9134	.3619
.0075	-2.4922	.4743	1.0896	.0100	.9770	.9870	.1365
.0101	-1.7100	.5889	.9034	.0177	.8072	.9618	.2363
.0164	-2.3999	.4878	1.0666	.0526	.3791	.8987	.3935
.0200	-1.8075	.5746	.9255	.1023	.1312	.8619	.4654
.0265	-1.8548	.5670	.9377	.1527	.0171	.8449	.4963
.0302	-2.2857	.5036	1.0402	.2020	-.0635	.8330	.5174
.0364	-2.0709	.5358	.9876	.2770	-.1542	.8201	.5394
.0518	-1.8030	.5745	.9260	.3757	-.1824	.8167	.5497
.0769	-1.3950	.6362	.8301	.4507	-.1350	.8228	.5351
.1019	-1.0894	.6813	.7609	.5257	-.0521	.8391	.5138
.1518	-.7928	.7250	.6934	.6007	.0868	.8556	.4770
.2019	-.6516	.7459	.6607	.6755	.1890	.8701	.4501
.2519	-.5880	.7560	.6447	.7173	.2349	.8772	.4364
.3018	-.5376	.7645	.6312	.8507	.3131	.8891	.4131
.4018	-.4845	.7704	.6217	.9010	.3078	.8878	.4156
.4519	-.4717	.7730	.6175	.9508	.2486	.8791	.4328
.5020	-.4490	.7765	.6119	1.0000	.0342	.8474	.4918
.5270	-.4427	.7764	.6121				
.5520	-.4345	.7782	.6092				
.5770	-.4270	.7797	.6066				
.6020	-.4175	.7803	.6058				
.6270	-.4122	.7812	.6043				
.6519	-.4035	.7826	.6020				
.6770	-.3966	.7837	.6002				
.7020	-.3841	.7856	.5971				
.7516	-.3454	.7908	.5886				
.8017	-.2881	.7998	.5738				
.8519	-.2177	.8098	.5570				
.9012	-.1447	.8210	.5362				
.9518	-.0595	.8338	.5159				
1.0000	.0236	.8459	.4946				

TABLE II.- Continued.

PT = 1.2032 TEST 118 RUN 40 POINT 7 GRIT ***DN*** ALPHA = 6.00
 CM = .7349 TT = 297.8 M,INF = .4996 RC*E06 = 1.86
 CD2 CD1 CD3 CD4 CD5
 .03877 .04033(.00157)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .03766 .03926(.00160)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.4386	.9075	.3748	0.0000	.3641	.8968	.3973
.0075	-2.1799	.5217	1.0105	.0100	1.0105	.9921	.1064
.0101	-1.4934	.6234	.8499	.0177	.8640	.9705	.2072
.0164	-2.1514	.5249	1.0059	.0526	.4488	.9051	.3713
.0200	-1.5682	.6114	.8684	.1023	.1967	.8724	.4457
.0265	-1.5871	.6088	.8727	.1527	.0734	.8542	.4796
.0308	-2.1544	.5260	1.0033	.2020	-.0146	.8406	.5041
.0364	-2.1065	.5319	.9938	.2770	-.1128	.8263	.5290
.0518	-1.9748	.5934	.9624	.3757	-.1522	.8205	.5389
.0769	-1.6875	.5915	.8963	.4507	-.1119	.8261	.5293
.1019	-1.4095	.6260	.8304	.5257	-.0382	.8373	.5099
.1518	-1.0599	.6874	.7515	.6007	.0960	.8572	.4741
.2019	-.8698	.7142	.7102	.6755	.1832	.8717	.4470
.2519	-.7366	.7342	.6790	.7173	.2373	.8784	.4342
.3018	-.6298	.7900	.6541	.8507	.3088	.8885	.4142
.4018	-.5185	.7660	.6287	.9010	.3909	.8871	.4170
.4519	-.4839	.7715	.6200	.9508	.4257	.8780	.4350
.5020	-.4535	.7761	.6125	1.0000	.0017	.8432	.4995
.5270	-.4432	.7780	.6095				
.5520	-.4285	.7803	.6056				
.5770	-.4157	.7815	.6037				
.6020	-.4059	.7831	.6012				
.6270	-.3951	.7850	.5981				
.6519	-.3833	.7864	.5957				
.6770	-.3725	.7879	.5934				
.7020	-.3599	.7900	.5899				
.7516	-.3205	.7958	.5804				
.8017	-.2670	.8035	.5677				
.8519	-.2066	.8131	.5518				
.9012	-.1435	.8224	.5358				
.9518	-.0734	.8320	.5192				
1.0000	-.0122	.8411	.5032				

PT = 1.2008 TEST 118 RUN 39 POINT 1 GRIT ***DN*** ALPHA = -.01
 CM = .1625 TT = 297.4 M,INF = .3504 RC*E06 = 2.00
 CD2 CD1 CD3 CD4 CD5
 .00901 .00955(.00654) .00878(-.00022) .60851(-.00050) .60837(-.00064)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00827 .00888(.00661) .00812(-.00015) .60798(-.00029) .00789(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0787	1.0001	0.0000	0.0000	1.0762	.9997	.0214
.0075	-.6455	.7022	.7287	.0100	.3304	.8710	.4483
.0101	-.7189	.6903	.7470	.0177	.6880	.8294	.5236
.0164	-.6175	.6727	.7741	.0526	-.2890	.7639	.6321
.0200	-.7552	.6833	.7578	.1023	-.4344	.7386	.6721
.0265	-.5933	.7117	.7141	.1527	-.4576	.7349	.6779
.0308	-.6544	.7015	.7298	.2020	-.4796	.7307	.6845
.4364	-.5422	.7201	.7010	.2770	-.5080	.7265	.6910
.0518	-.4437	.7377	.6734	.3757	-.4555	.7349	.6780
.0769	-.3772	.7486	.6563	.4507	-.3724	.7495	.6550
.1019	-.3393	.7550	.6462	.5257	-.1620	.7858	.5968
.1518	-.2796	.7656	.6294	.6007	-.0170	.8108	.5555
.2019	-.2596	.7687	.6244	.6755	.1143	.8337	.5162
.2519	-.2684	.7678	.6258	.7173	.1740	.8438	.4983
.3018	-.2690	.7671	.6270	.8507	.2832	.8627	.4639
.4018	-.2417	.7634	.6329	.9010	.2892	.8640	.4616
.4519	-.3603	.7619	.6353	.9508	.2471	.8563	.4758
.5020	-.3020	.7615	.6359	1.0000	.6850	.8288	.5247
.5270	-.3097	.7605	.6375				
.5520	-.3105	.7601	.6382				
.5770	-.3165	.7591	.6397				
.6020	-.3224	.7585	.6407				
.6270	-.3282	.7580	.6434				
.6519	-.3333	.7566	.6437				
.6770	-.3389	.7556	.6433				
.7020	-.3340	.7554	.6456				
.7516	-.3205	.7527	.6464				
.8017	-.2789	.7656	.6293				
.8519	-.2180	.7758	.6130				
.9012	-.1486	.7888	.5919				
.9518	-.0481	.8049	.5653				
1.0000	.0748	.8270	.5279				

OF ROCK QUALITY

TABLE II.- Continued.

TEST 118 RUN 39 POINT 2 GRIT ***DN ***
 PT = 1.2068 TT = 297.7 M,INF = .5489 RC*E06 = 1.99 ALPHA = 1.00
 CN = .2791 CM.25 = -.0924

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
.00000	1.0288	.9917	.1094	0.0000	1.0241	.9908	.1151
.0075	-1.1222	.6210	.8525	.0100	.5425	.9078	.3741
.0101	-1.1083	.6249	.8476	.0177	.2996	.8665	.4569
.0164	-1.2097	.6071	.8750	.0526	-.1136	.7957	.5805
.0200	-1.1051	.6253	.8469	.1023	-.2943	.7639	.6321
.0265	-.9578	.8493	.8100	.1527	-.3431	.7560	.6446
.0308	-.9962	.6441	.8180	.2020	-.3839	.7501	.6541
.0364	-.9110	.6386	.7957	.2770	-.4249	.7416	.6673
.0518	-.5326	.7237	.6954	.3757	-.3938	.7467	.6593
.0769	-.5053	.7285	.6879	.4507	-.3170	.7606	.6373
.1019	-.4536	.7369	.6754	.5257	-.1226	.7940	.5833
.1518	-.3888	.7482	.6570	.6007	.0039	.8154	.5477
.2019	-.3482	.7562	.6444	.6755	.1321	.8373	.5098
.2519	-.3399	.7563	.6443	.7173	.1898	.8476	.4915
.3018	-.3327	.7573	.6427	.8507	.2923	.8650	.4597
.4018	-.3424	.7562	.6443	.9010	.2959	.8657	.4585
.4519	-.3463	.7556	.6453	.9508	.2510	.8579	.4729
.5020	-.3433	.7556	.6452	1.0000	.0793	.8264	.5254
.5270	-.3462	.7550	.6462				
.5520	-.3479	.7553	.6457				
.5770	-.3497	.7546	.6469				
.6020	-.3536	.7540	.6475				
.6270	-.3540	.7532	.6492				
.6519	-.3612	.7527	.6499				
.6770	-.3637	.7521	.6509				
.7020	-.3600	.7522	.6507				
.7516	-.3383	.7560	.6434				
.8017	-.2909	.7646	.6311				
.8519	-.2272	.7760	.6127				
.9012	-.1510	.7884	.5926				
.9518	-.0490	.8062	.5631				
1.0000	.0686	.8264	.5288				

TEST 118 RUN 39 POINT 3 GRIT ***DN ***
 PT = 1.2007 TT = 298.2 M,INF = .5483 RC*E06 = 1.99 ALPHA = 2.01
 CN = .5923 CM.25 = -.0910

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
.01082	.01129(.00047)	.01065(-.00017)	.01034(-.00048)	.00994(-.00088)			
.00000	.9348	.9754	.1887	0.0000	.9338	.9754	.1890
.0075	-1.6285	.5356	.9878	.0100	.7112	.9371	.3058
.0101	-1.4934	.5581	.9518	.0177	.4747	.8964	.3981
.0164	-1.5950	.5401	.9807	.0526	.0412	.8222	.5360
.0200	-1.5092	.5560	.9552	.1023	-.1667	.7864	.5958
.0265	-1.4797	.5617	.9461	.1527	-.2398	.7737	.6308
.0308	-1.4632	.5633	.9436	.2020	-.2937	.7647	.6164
.0364	-1.3685	.5802	.9171	.2770	-.3506	.7539	.6480
.0518	-.7067	.6934	.7422	.3757	-.3381	.7568	.6480
.0769	-.6524	.7032	.7271	.4507	-.2459	.7692	.6433
.1019	-.5601	.7159	.7075	.5257	-.0846	.8000	.6236
.1518	-.4864	.7313	.6835	.6007	.0220	.8186	.5734
.2019	-.4279	.7417	.6673	.6755	.1500	.8403	.5421
.2519	-.4093	.7437	.6640	.7173	.2057	.8506	.5045
.3018	-.3945	.7471	.6587	.8507	.3005	.8663	.4862
.4018	-.3912	.7476	.6579	.9010	.3028	.8670	.4573
.4519	-.3877	.7479	.6575	.9508	.2554	.8589	.4559
.5020	-.3811	.7494	.6552	1.0000	.0737	.8264	.4710
.5270	-.3819	.7488	.6561				.5267
.5520	-.3811	.7500	.6542				
.5770	-.3795	.7492	.6554				
.6020	-.3829	.7493	.6553				
.6270	-.3841	.7491	.6556				
.6519	-.3841	.7490	.6557				
.6770	-.3861	.7486	.6563				
.7020	-.3797	.7500	.6542				
.7516	-.3520	.7513	.6474				
.8017	-.3006	.7628	.6338				
.8519	-.2308	.7748	.6147				
.9012	-.1520	.7890	.5916				
.9518	-.0484	.8067	.5622				
1.0000	.0616	.8255	.5303				

TABLE II.- Continued.

TEST 118 RUN 39 POINT 4 GRIT ***DN ***
 PT = 1.2005 TT = 298.1 M-INF = .5480 RC=006 = 1.99 ALPHA = 3.01
 CM = .4969 CP.25 = -.0889

CD2 CD1 CD3 CD4 CD5
 .01288 .01316(-.00028) .01280(-.00009) .01220(-.00058) .01177(-.00111)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01700 .01226(-.00026) .01196(-.00004) .01164(-.00036) .01117(-.00083)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8151	.9550	.2972	0.0000	.8106	.9543	.2992
.02675	-2.0914	.4571	1.1193	.0100	.8370	.9588	.2457
.0101	-1.8327	.9011	1.0443	.0177	.8168	.9210	.3447
.0264	-2.0040	.4710	1.0952	.0526	.1755	.8455	.4053
.0200	-1.9811	.4747	1.0888	.1023	-.0552	.8062	.5631
.0265	-2.0021	.4722	1.0932	.1527	-.1454	.7900	.5900
.0306	-1.9882	.4745	1.0893	.2020	-.2117	.7792	.6075
.0364	-1.8047	.9050	1.0379	.2770	-.2830	.7666	.6279
.0518	-.8880	.6630	.7890	.3757	-.2846	.7660	.6287
.0769	-.7855	.6808	.7617	.4507	-.2189	.7772	.6108
.1019	-.7001	.6958	.7385	.5257	-.0578	.8047	.5657
.1518	-.5805	.7152	.7085	.6007	.0515	.8238	.5333
.2019	-.5074	.7284	.6880	.6755	.1661	.8436	.4987
.2519	-.4784	.7330	.6808	.7173	.2194	.8528	.4821
.3018	-.4523	.7372	.6743	.8507	.3167	.8684	.4523
.4018	-.4351	.7400	.6699	.9610	.3082	.8880	.4540
.4519	-.4258	.7413	.6678	.9908	.2971	.8995	.4699
.5020	-.4136	.7439	.6638	1.0000	.0658	.9262	.5291
.5270	-.4136	.7441	.6634				
.5520	-.4086	.7451	.6619				
.5770	-.4071	.7451	.6619				
.6020	-.4073	.7452	.6617				
.6270	-.4057	.7459	.6606				
.6519	-.4026	.7458	.6608				
.6770	-.4006	.7463	.6600				
.7020	-.3949	.7484	.6567				
.7516	-.3603	.7536	.6485				
.8017	-.3045	.7627	.6340				
.8519	-.2312	.7756	.6133				
.9012	-.1492	.7899	.5901				
.9518	-.0467	.8070	.5618				
1.0000	.0547	.8245	.5321				

TEST 118 RUN 39 POINT 5 GRIT ***DN ***
 PT = 1.2003 TT = 298.1 M-INF = .5513 RC=006 = 1.99 ALPHA = 3.97
 CM = .5972 CP.25 = -.0851

CD2 CD1 CD3 CD4 CD5
 .01886 .01877(-.00009) .01881(-.00005) .01815(-.00071) .01767(-.00119)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01745 .01775(-.00009) .01782(-.00003) .01736(-.00048) .01697(-.00087)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.6948	.9343	.3128	0.0000	.6866	.9327	.3169
.0075	-2.3241	.4143	1.1961	.0100	.9276	.9741	.1937
.0101	-1.9276	.4785	1.0824	.0177	.7274	.9393	.3004
.0164	-2.2001	.4374	1.1540	.0526	.2896	.8635	.4625
.0200	-2.1463	.4406	1.1484	.1023	.0436	.8208	.5365
.0265	-2.2140	.4328	1.1623	.1527	-.0612	.8026	.5691
.0306	-2.2036	.4306	1.1603	.2020	-.1377	.7888	.5891
.0364	-2.1079	.4469	1.1371	.2770	-.2198	.7751	.5919
.0518	-1.5799	.5398	.9811	.3757	-.2376	.7711	.6141
.0769	-1.0790	.6264	.8452	.4507	-.1792	.7810	.6209
.1019	-.8465	.6866	.7835	.5257	-.0481	.8043	.6036
.1518	-.6717	.6968	.7370	.6007	.0711	.8246	.5662
.2019	-.5819	.7117	.7140	.6755	.1826	.8434	.5319
.2519	-.5400	.7196	.7017	.7173	.2322	.8528	.4991
.3018	-.5063	.7244	.6942	.8507	.3169	.8674	.4832
.4018	-.4750	.7303	.6851	.9010	.3149	.8872	.4551
.4519	-.4625	.7324	.6818	.9908	.2992	.9073	.4556
.5020	-.4436	.7350	.6777	1.0000	.0592	.9215	.4739
.5270	-.4390	.7348	.6780				.9372
.5520	-.4353	.7358	.6765				
.5770	-.4325	.7370	.6746				
.6020	-.4256	.7384	.6724				
.6270	-.4233	.7389	.6722				
.6519	-.4170	.7392	.6712				
.6770	-.4088	.7407	.6688				
.7020	-.4013	.7412	.6680				
.7516	-.3658	.7521	.6509				
.8017	-.3044	.7623	.6347				
.8519	-.2274	.7743	.6150				
.9012	-.1473	.7882	.5928				
.9518	-.0504	.8049	.5653				
1.0000	.0445	.8197	.5463				

TABLE II.- Continued.

TEST 118 RUN 39 POINT 6 GRIT ***DM ***
 PT = 1.2002 TT = 298.2 M,INF = .5509 RC=EO6 = 1.99 ALPHA = 5.00
 CM = .6805 CM,25 = -.0786
 CDZ CD1 CD3 CD4 CD5
 .02969 .02932(-.00038)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02863 .02826(-.00037)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.6030	.9178	.9519	0.0000	.5914	.9156	.9569
.0075	-2.0919	.4506	1.1307	.0100	.9826	.9834	.1546
.0101	-1.6533	.9254	1.0045	.0177	.8047	.9529	.2634
.0164	-2.0198	.4843	1.1067	.0526	.3778	.8788	.6333
.0200	-1.8301	.4953	1.0940	.1023	.1221	.8344	.5149
.0265	-1.8769	.4892	1.0643	.1527	.0069	.8145	.5494
.0300	-1.9891	.4670	1.1021	.2020	-.0755	.8001	.5732
.0364	-1.9372	.4767	1.0854	.2770	-.1688	.7839	.5999
.0518	-1.8325	.4979	1.0497	.3757	-.1986	.7797	.6067
.0769	-1.6198	.5332	.9917	.4507	-.1488	.7685	.5924
.1019	-1.3410	.5810	.9157	.5257	-.0517	.8066	.5625
.1318	-.9201	.6541	.8027	.6007	.0860	.8291	.5241
.2019	-.7117	.6899	.7477	.6755	.1900	.8468	.4900
.2519	-.6171	.7062	.7225	.7173	.2393	.8554	.4770
.3018	-.5563	.7179	.7043	.8507	.3183	.8687	.4527
.4018	-.5005	.7278	.6890	.9016	.3133	.8674	.4531
.4519	-.4816	.7329	.6811	.9508	.2542	.8588	.4748
.5020	-.4540	.7361	.6761	1.0000	.0326	.8188	.5419
.5270	-.4502	.7363	.6758				
.5520	-.4398	.7387	.6720				
.5770	-.4318	.7391	.6714				
.6020	-.4225	.7399	.6701				
.6270	-.4165	.7403	.6694				
.6519	-.4040	.7424	.6681				
.6770	-.3990	.7441	.6635				
.7020	-.3856	.7464	.6598				
.7516	-.3453	.7521	.6499				
.8017	-.2890	.7637	.6323				
.8519	-.2170	.7755	.6135				
.9012	-.1436	.7884	.5926				
.9518	-.0607	.8026	.5691				
1.0000	.0183	.8164	.5459				

TEST 118 RUN 39 POINT 7 GRIT ***DM ***
 PT = 1.2001 TT = 298.3 M,INF = .5464 RC=EO6 = 1.98 ALPHA = 6.01
 CM = .7506 CM,25 = -.0735
 CDZ CD1 CD3 CD4 CD5
 .04446 .04441(.00045)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .04314 .04357(.00043)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.5141	.9035	.8832	0.0000	.4941	.8999	.9008
.0075	-2.0745	.4592	1.1155	.0100	1.0200	.9902	.1186
.0101	-1.4870	.5613	.9468	.0177	.8628	.9632	.2318
.0164	-1.9713	.4767	1.0855	.0526	.4485	.8925	.4061
.0200	-1.5913	.5426	.9767	.1023	.1886	.8484	.4901
.0265	-1.6192	.5382	.9836	.1527	.0673	.8274	.5274
.0300	-1.9165	.4878	1.0666	.2020	-.0243	.8112	.5547
.0364	-1.8960	.4903	1.0624	.2770	-.1237	.7948	.5820
.0518	-1.8130	.5044	1.0389	.3757	-.1652	.7878	.5936
.0769	-1.6790	.5288	.9989	.4507	-.1231	.7951	.5816
.1019	-1.5111	.5580	.9521	.5257	-.0454	.8078	.5605
.1318	-1.2120	.6086	.8724	.6007	.1069	.8341	.5154
.2019	-.9743	.6484	.8114	.6755	.1941	.8495	.4881
.2519	-.8086	.6778	.7663	.7173	.2417	.8570	.4744
.3018	-.6780	.7001	.7319	.8507	.3126	.8695	.4513
.4018	-.5394	.7240	.6919	.9016	.3029	.8678	.4544
.4519	-.4961	.7306	.6846	.9508	.2362	.8567	.4750
.5020	-.4549	.7372	.6743	1.0000	-.0109	.8144	.5494
.5270	-.4480	.7400	.6699				
.5520	-.4389	.7423	.6663				
.5770	-.4193	.7444	.6629				
.6020	-.4077	.7464	.6599				
.6270	-.3958	.7490	.6557				
.6519	-.3839	.7507	.6530				
.6770	-.3704	.7533	.6486				
.7020	-.3596	.7559	.6454				
.7516	-.3175	.7626	.6342				
.8017	-.2629	.7720	.6191				
.8519	-.2023	.7819	.6032				
.9012	-.1438	.7915	.5875				
.9518	-.0673	.8026	.5692				
1.0000	-.0229	.8127	.5522				

TABLE II.- Continued.

PT = 1.2000 TEST 118 RUN 38 POINT 1 GRIT ***ON ***
 CN = .1637 TT = 297.9 M, INF = .5995 RC*E06 = 2.12 ALPHA = -.02
 CD2 CD1 CD3 CD4 CD5
 .00901 .00956(.00055) .00876(-.00024) .00855(-.00046) .00838(-.00063)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00834 .00892(.00058) .00816(-.00018) .00806(-.00027) .00794(-.00040)

OF POOR QUALITY

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0939	1.0002	0.0000	0.0000	1.0922	.9998	.0159
.0075	-.6277	.8601	.7935	.0100	.3451	.8525	.4827
.0101	-.7030	.8461	.8149	.0177	.0963	.8031	.5682
.0164	-.8415	.8187	.8571	.0526	-.2933	.7258	.6921
.0200	-.7804	.8302	.8394	.1023	-.4559	.6942	.7410
.0265	-.6181	.8625	.7897	.1527	-.4802	.6890	.7490
.0308	-.6752	.8516	.8065	.2020	-.5070	.6840	.7367
.0364	-.5641	.8729	.7738	.2770	-.5366	.6781	.7658
.0518	-.4575	.8938	.7417	.3757	-.4837	.6889	.7491
.0769	-.3887	.7069	.7213	.4507	-.3945	.7065	.7220
.1019	-.3435	.7164	.7067	.9257	-.1717	.7309	.6527
.1518	-.2907	.7265	.6911	.6007	-.0213	.7803	.6058
.2019	-.2708	.7306	.6846	.6755	.1196	.8080	.5600
.2519	-.2770	.7294	.6865	.7173	.1794	.8198	.5401
.3018	-.2769	.7294	.6866	.8507	.2908	.8414	.5025
.4018	-.3033	.7245	.6941	.9010	.2962	.8427	.5004
.4519	-.3124	.7232	.6961	.9508	.2549	.8350	.5140
.5020	-.3143	.7225	.6973	1.0000	.0910	.8018	.5704
.5270	-.3215	.7210	.6995				
.5520	-.3242	.7205	.7004				
.5770	-.3300	.7188	.7030				
.6020	-.3371	.7176	.7048				
.6270	-.3429	.7172	.7055				
.6519	-.3474	.7152	.7086				
.6770	-.3552	.7137	.7109				
.7020	-.3535	.7139	.7106				
.7316	-.3348	.7180	.7042				
.8017	-.2903	.7267	.6906				
.8519	-.2259	.7400	.6699				
.9012	-.1910	.7542	.6475				
.9518	-.0465	.7745	.6191				
1.0000	.0771	.7991	.5749				

PT = 1.2002 TEST 118 RUN 38 POINT 2 GRIT ***ON ***
 CN = .2849 TT = 297.7 M, INF = .5981 RC*E06 = 2.12 ALPHA = 1.00
 CD2 CD1 CD3 CD4 CD5
 .00988 .01045(.00057) .00952(-.00037) .00931(-.00058) .00901(-.00087)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00925 .00981(.00056) .00891(-.00033) .00880(-.00044) .00856(-.00069)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0488	.9913	.1114	0.0000	1.0480	.9912	.1123
.0075	-1.0885	.5708	.9317	.0100	.5522	.8936	.4038
.0101	-1.0900	.5726	.9289	.0177	.3056	.8459	.4947
.0164	-1.2577	.5371	.9855	.0526	-.1139	.7633	.6330
.0200	-1.1475	.5598	.9491	.1023	-.3069	.7250	.6933
.0265	-1.0196	.5843	.9105	.1527	-.3615	.7144	.7098
.0308	-1.0586	.5788	.9192	.2020	-.4043	.7033	.7239
.0364	-.9695	.5956	.8929	.2770	-.4513	.6960	.7382
.0518	-.8446	.6792	.7640	.3757	-.4195	.7026	.7280
.0769	-.8190	.6839	.7569	.4507	-.3374	.7183	.7038
.1019	-.4694	.6931	.7428	.5257	-.1332	.758	.6405
.1518	-.4035	.7061	.7226	.6007	.0042	.785	.5975
.2019	-.3605	.7139	.7106	.6755	.1371	.81	.5540
.2519	-.3536	.7153	.7084	.7173	.1958	.8230	.5346
.3018	-.3471	.7169	.7060	.8507	.2997	.8438	.4983
.4018	-.3570	.7144	.7098	.9010	.3035	.8445	.4970
.4519	-.3598	.7140	.7105	.9508	.2543	.8359	.5123
.5020	-.3564	.7143	.7100	1.0000	.0851	.8013	.5712
.5270	-.3618	.7133	.7116				
.5520	-.3620	.7130	.7120				
.5770	-.3654	.7128	.7123				
.6020	-.3689	.7121	.7134				
.6270	-.3737	.7116	.7142				
.6519	-.3749	.7107	.7156				
.6770	-.3805	.7100	.7167				
.7020	-.3768	.7110	.7191				
.7316	-.3509	.7153	.7089				
.8017	-.3024	.7252	.6931				
.8519	-.2332	.7393	.6710				
.9012	-.1527	.7545	.6470				
.9518	-.0483	.7753	.6138				
1.0000	.0709	.7988	.5754				

ORIGINAL PAGE IS
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TABLE II.- Continued.

TEST 118 RUN 38 POINT 3 GRIT ***ON ***
PT = 1.2002 TT = 297.7 M, INF = .5966 KC*E06 = 2.12 ALPHA = 2.00
CN = .3985 CH.25 = -.0935

CD2 CD1 CD3 CD4 CD5
.C1103 .01147(.00044) .01084(-.00020) .01053(-.00050) .01015(-.00088)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01035 .01079(.00044) .01020(-.00015) .01002(-.00033) .00968(-.00067)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9696	.9760	.1864	0.0000	.9670	.9755	.1883
.0075	-1.5152	.4896	1.0636	.0100	.7139	.9260	.3330
.0101	-1.4240	.5073	1.0340	.0177	.4754	.8792	.4327
.0164	-1.6489	.4633	1.1084	.0526	.0341	.7928	.5853
.0200	-1.5876	.4755	1.0875	.1023	-1.805	.7501	.6540
.0265	-1.5718	.4787	1.0821	.1527	-2.259	.7357	.6767
.0308	-1.5630	.4601	1.0796	.2020	-3.119	.7241	.6948
.0364	-1.5327	.4863	1.0692	.2770	-3.755	.7134	.7114
.0518	-.6852	.6517	.8063	.3757	-3.592	.7155	.7082
.0769	-.6586	.6572	.7979	.4507	-2.840	.7305	.6848
.1019	-.5929	.6692	.7795	.5257	-.0953	.7669	.6273
.1518	-.5015	.6875	.7913	.6007	.0345	.7922	.5863
.2019	-.4414	.6986	.7342	.6755	.1530	.8133	.5478
.2519	-.4262	.7035	.7267	.7173	.2106	.8269	.5280
.3018	-.4071	.7061	.7227	.8507	.3089	.8470	.4927
.4018	-.4050	.7068	.7216	.9010	.3098	.8469	.4928
.4519	-.4021	.7067	.7218	.9508	.2613	.8374	.5097
.5020	-.3943	.7070	.7198	1.0000	.0754	.8005	.5727
.5270	-.3971	.7071	.7211				
.5520	-.3941	.7081	.7196				
.5770	-.3960	.7092	.7179				
.6020	-.3974	.7084	.7190				
.6270	-.3984	.7083	.7193				
.6519	-.3983	.7075	.7205				
.6770	-.3986	.7074	.7206				
.7020	-.3932	.7087	.7187				
.7516	-.3619	.7143	.7100				
.8017	-.3076	.7250	.6934				
.8519	-.2334	.7399	.6701				
.9012	-.1524	.7559	.6448				
.9518	-.0468	.7767	.6116				
1.0000	.0634	.7981	.5766				

TEST 118 RUN 38 POINT 4 GRIT ***ON ***
PT = 1.2001 TT = 298.2 M, INF = .5967 KC*E06 = 2.11 ALPHA = 3.01
CN = .5076 CH.25 = -.0903

CD2 CD1 CD3 CD4 CD5
.01439 .01459(.00020) .01421(-.00017) .01374(-.00064) .01326(-.00113)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01356 .01376(.00020) .01346(-.00010) .01316(-.00039) .01272(-.00084)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8716	.9570	.2511	0.0000	.8698	.9560	.2542
.0075	-1.8293	.4237	1.1790	.0100	.8351	.9496	.2726
.0101	-1.6526	.4631	1.1089	.0177	.6100	.9054	.3792
.0164	-1.9680	.4028	1.2177	.0526	.1714	.8198	.5401
.0200	-1.9292	.4068	1.2103	.1023	-.0654	.7735	.6168
.0265	-1.9578	.4023	1.2187	.1527	-1.577	.7554	.6456
.0308	-1.9330	.4043	1.2149	.2020	-2.273	.7413	.6679
.0364	-1.9765	.3975	1.2278	.2770	-3.012	.7272	.6900
.0518	-1.2739	.5359	.9874	.3757	-3.802	.7258	.6706
.0769	-.8005	.6296	.8403	.4507	-2.349	.7797	.6162
.1019	-.7002	.6492	.8102	.5257	-.0597	.7956	.5806
.1518	-.5927	.6702	.7779	.6007	.0503	.8191	.5414
.2019	-.5199	.6840	.7568	.6755	.1709	.8251	.5233
.2519	-.4911	.6900	.7475	.7173	.2251	.8296	.4901
.3018	-.4660	.6951	.7397	.8507	.3175	.8484	.4898
.4018	-.4466	.6978	.7355	.9010	.3170	.8486	.4898
.4519	-.4395	.6992	.7333	.9508	.2636	.8381	.5085
.5020	-.4277	.7019	.7201	1.0000	.0662	.7996	.5741
.5270	-.4262	.7018	.7293				
.5520	-.4215	.7026	.7281				
.5770	-.4216	.7037	.7264				
.6020	-.4197	.7046	.7250				
.6270	-.4181	.7048	.7247				
.6519	-.4155	.7054	.7237				
.6770	-.4124	.7056	.7234				
.7020	-.4036	.7068	.7216				
.7516	-.3687	.7132	.7117				
.8017	-.3092	.7250	.6934				
.8519	-.2333	.7400	.6699				
.9012	-.1489	.7562	.6443				
.9518	-.0475	.7759	.6128				
1.0000	.0542	.7969	.5766				

TABLE II.- Continued.

TEST 118 RUN 38 POINT 5 GRIT ***DN ***
 PT = 1.2001 TT = 297.9 M,INF = .5979 RC*E06 = 2.12 ALPHA = 3.99
 CN = .6114 CM,25 = -.0851

CD2 CD1 CD3 CD4 CD5
 .02145 .C2143(-.00062) .02146(.00001) .02077(-.00068) .02034(-.00111)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .02058 .02057(-.00001) .02067(.00009) .02013(-.00045) .01975(-.00083)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P	MLOC	X/C	CP	P/P	MLOC
0.0000	.7768	.9378	.3042	0.0000	.7692	.9365	.3074
.0075	-2.0447	.9836	1.2547	.0100	.9189	.9658	.2233
.0101	-1.6950	.4524	1.1275	.0177	.7159	.9260	.3330
.0164	-2.0079	.3893	1.2436	.0526	.2816	.8409	.5035
.0200	-1.9873	.3950	1.2325	.1023	.0314	.7907	.5807
.0265	-2.0315	.3851	1.2916	.1527	-.0744	.7707	.6212
.0308	-2.0263	.3873	1.2474	.2020	-.1527	.7549	.6464
.0364	-.0412	.3844	1.2530	.2770	-.2383	.7380	.6731
.0518	-1.7337	.4447	1.1411	.3757	-.2564	.7347	.6782
.0769	-1.3708	.5166	1.0188	.4507	-.1953	.7468	.6592
.1019	-1.0687	.5738	.9270	.5257	-.0435	.7765	.6118
.1518	-.7314	.6416	.8219	.6007	.0686	.7983	.5762
.2019	-.5958	.6677	.7817	.6755	.1843	.8212	.5377
.2519	-.5458	.6774	.7669	.7173	.2365	.8313	.5203
.3018	-.5130	.6843	.7563	.8507	.3231	.8483	.4902
.4018	-.4833	.6902	.7472	.9010	.3205	.8683	.4903
.4519	-.4699	.6927	.7434	.9508	.2648	.8367	.5109
.5020	-.4523	.6958	.7386	1.0000	.0534	.7954	.5810
.5270	-.4501	.6963	.7377				
.5520	-.4407	.6979	.7352				
.5770	-.4376	.6985	.7345				
.6020	-.4342	.6999	.7322				
.6270	-.4274	.7002	.7318				
.6519	-.4231	.7016	.7296				
.6770	-.4169	.7031	.7272				
.7020	-.4057	.7053	.7239				
.7515	-.3650	.7121	.7133				
.8017	-.3047	.7242	.6947				
.8519	-.2282	.7397	.6704				
.9012	-.1487	.7559	.6448				
.9518	-.0539	.7742	.6156				
1.0000	.0406	.7931	.5848				

TEST 118 RUN 38 POINT 6 GRIT ***DN ***
 PT = 1.2002 TT = 298.8 M,INF = .5947 RC*E06 = 2.10 ALPHA = 3.00
 CN = .6962 CM,25 = -.0779

CD2 CD1 CD3 CD4 CD5
 .03437 .C3441(.00004) .03488(.00051) .03454(.00017) .03373(-.00064)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .03328 .03332(.00004) .03379(.00051) .03367(.00039) .03297(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P	MLOC	X/C	CP	P/P	MLOC
0.0000	.6830	.9200	.3470	0.0000	.6809	.9195	.3482
.0075	-1.8516	.4236	1.1791	.0100	.9755	.9770	.1823
.0101	-1.5729	.4810	1.0781	.0177	.7949	.9420	.2934
.0164	-1.8485	.4247	1.1770	.0526	.3690	.8587	.4715
.0200	-1.7862	.4376	1.1538	.1023	.1123	.8085	.5593
.0265	-1.6271	.4267	1.1735	.1527	-.0050	.7863	.5960
.0308	-1.8641	.4243	1.1779	.2020	-.0902	.7690	.6239
.0364	-1.8375	.4275	1.1719	.2770	-.1843	.7506	.6533
.0518	-1.7456	.4453	1.1401	.3757	-.2154	.7442	.6633
.0769	-1.6096	.4718	1.0939	.4507	-.1633	.7554	.6456
.1019	-1.4607	.5010	1.0446	.5257	-.0463	.7776	.6100
.1518	-1.1520	.5627	.9446	.6007	.0852	.8029	.5687
.2019	-.8676	.6171	.8596	.6755	.1911	.8245	.5321
.2519	-.6837	.6530	.8044	.7173	.2406	.8340	.5156
.3018	-.5761	.6737	.7726	.8507	.3216	.8502	.4869
.4018	-.4991	.6900	.7475	.9010	.3162	.8489	.4892
.4519	-.4758	.6937	.7418	.9508	.2596	.8366	.5111
.5020	-.4526	.6975	.7359	1.0000	.0242	.7921	.5865
.5270	-.4503	.6994	.7330				
.5520	-.4392	.7014	.7299				
.5770	-.4325	.7034	.7268				
.6020	-.4243	.7046	.7249				
.6270	-.4138	.7058	.7232				
.6519	-.4081	.7079	.7199				
.6770	-.3965	.7097	.7171				
.7020	-.3815	.7122	.7132				
.7516	-.3426	.7202	.7009				
.8017	-.2827	.7323	.6820				
.8519	-.2140	.7465	.6597				
.9012	-.1429	.7599	.6385				
.9518	-.0640	.7749	.6144				
1.0000	.0104	.7891	.5915				

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TABLE II.- Continued.

PT = 1.2001 TEST 118 RUN 38 POINT 7 GRIT ***ON ***
 CM = .7694 TT = 299.0 M,INF = .5980 RC*E06 = 2.11 ALPHA = 6.01
 CM.25 = -.0746

CD2 CD1 CD3 CD4 CD5
 .05231 .09273(.00042) .05243(.00012) .05324(.00093) .05150(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .05099 .05144(.00045) .05111(.00012) .05211(.00112) .05048(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0006	.6139	.9057	.3786	0.0000	.6095	.9044	.3914
.0075	-1.7088	.4467	1.1375	0.0100	1.0161	.9847	.1486
.0101	-1.4795	.4941	1.0561	.0177	.8523	.9525	.2645
.0164	-1.7479	.4407	1.1481	.0526	.4399	.8710	.4484
.0200	-1.6308	.4620	1.1107	.1023	.1783	.8196	.5405
.0265	-1.6679	.4930	1.1264	.1927	.0536	.7945	.5826
.0308	-1.7686	.4372	1.1544	.2020	-.0360	.7770	.6110
.0364	-1.7087	.4466	1.1376	.2770	-.1410	.7559	.6449
.0518	-1.6537	.4379	1.1178	.3757	-.1848	.7482	.6570
.0759	-1.6015	.4677	1.1009	.4507	-.1464	.7565	.6438
.1019	-1.5387	.4809	1.0783	.5257	-.0561	.7739	.6160
.1518	-1.3651	.5140	1.0230	.6007	.0867	.8024	.5694
.2019	-1.1512	.5968	.9539	.6755	.1923	.8229	.5348
.2519	-.9691	.5921	.8984	.7173	.2423	.8325	.5183
.3018	-.7928	.6284	.8421	.8507	.3156	.8476	.4916
.4018	-.5811	.6695	.7789	.9010	.3060	.8450	.4961
.4519	-.5148	.6820	.7597	.9508	.2364	.8321	.5189
.5020	-.4683	.6934	.7423	1.0000	-.0236	.7803	.6056
.5270	-.4514	.6959	.7384				
.5520	-.4321	.6997	.7326				
.5770	-.4209	.7030	.7275				
.6020	-.4028	.7054	.7237				
.6270	-.3889	.7094	.7175				
.6519	-.3734	.7111	.7149				
.6770	-.3623	.7144	.7098				
.7020	-.3463	.7177	.7046				
.7516	-.3082	.7248	.6936				
.8017	-.2552	.7353	.6773				
.8519	-.1986	.7464	.6598				
.9012	-.1483	.7581	.6414				
.9518	-.0864	.7695	.6231				
1.0000	-.0410	.7775	.6103				

PT = 1.1993 TEST 118 RUN 36 POINT 1 GRIT ***ON ***
 CM = .1707 TT = 299.0 M,INF = .6477 RC*E06 = 2.22 ALPHA = .01
 CM.25 = -.0984

CD2 CD1 CD3 CD4 CD5
 .00930 .00996(.00066) .00905(-.00024) .00883(-.00046) .00862(-.00068)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00870 .00935(.00065) .00846(-.00024) .00836(-.00035) .00818(-.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1082	.9998	.0157	0.0000	1.1071	.9995	.0271
.0075	-.6218	.6158	.8616	0.0100	.3701	.8364	.5114
.0101	-.7022	.5995	.8869	.0177	.1171	.7802	.6059
.0164	-.8931	.5571	.9535	.0526	-.2963	.6895	.7482
.0200	-.8222	.5708	.9317	.1023	-.4731	.6496	.8095
.0265	-.6616	.6081	.8736	.1927	-.5079	.6430	.8196
.0308	-.7216	.5952	.8935	.2020	-.5359	.6375	.8282
.0364	-.6081	.6184	.8576	.2770	-.5711	.6293	.8408
.0518	-.4890	.6459	.8153	.3757	-.5158	.6408	.8231
.0769	-.4041	.6657	.7848	.4507	-.4184	.6620	.7906
.1019	-.3506	.6766	.7679	.5257	-.1815	.7147	.7094
.1518	-.3154	.6856	.7543	.6007	-.0228	.7499	.6949
.2019	-.2882	.6921	.7443	.6755	.1251	.7817	.6034
.2519	-.2941	.6904	.7468	.7173	.1851	.7948	.5819
.3018	-.2969	.6892	.7487	.8507	.2969	.8194	.5408
.4018	-.3221	.6833	.7578	.9010	.3026	.8213	.5376
.4519	-.3315	.6815	.7605	.9508	.2593	.8113	.5546
.5020	-.3330	.6805	.7622	1.0000	.0928	.7745	.6152
.5270	-.3426	.6788	.7647				
.5520	-.3438	.6775	.7667				
.5770	-.3507	.6756	.7646				
.6020	-.3587	.6747	.7709				
.6270	-.3656	.6726	.7743				
.6519	-.3695	.6719	.7753				
.6770	-.3754	.6707	.7772				
.7020	-.3754	.6715	.7759				
.7516	-.3555	.6756	.7696				
.8017	-.3043	.6864	.7530				
.8519	-.2352	.7015	.7297				
.9012	-.1546	.7190	.7026				
.9518	-.0465	.7430	.6653				
1.0000	.0794	.7716	.6198				

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TABLE II.- Continued.

TEST 118 RUN 36 POINT 2 GRIT ***DN ***
 PT = 1.1993 TT = 298.9 M,INF = .6489 RC*E06 = 2.23 ALPHA = .98
 CM = .2891 CM.25 = -.0978

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0709	.9913	.1117	0.0000	1.0697	.9909	.1141
.0075	-1.0027	.5284	.9996	.0100	.9595	.8774	.4361
.0101	-1.0227	.5261	1.0033	.0177	.3107	.8227	.5353
.0164	-1.3251	.4578	1.1181	.0526	-.1237	.7260	.6919
.0200	-1.2180	.4823	1.0760	.1023	-.3257	.6803	.7827
.0265	-1.1377	.4994	1.0412	.1527	-.3872	.6671	.7827
.0308	-1.1475	.4984	1.0489	.2020	-.4367	.6560	.7998
.0364	-1.0852	.5118	1.0266	.2770	-.4875	.6442	.8179
.0518	-.5286	.6363	.8300	.3757	-.4528	.6522	.8056
.0769	-.5362	.6343	.8331	.4907	-.3661	.6714	.7761
.1019	-.4880	.6442	.8178	.5257	-.1468	.7203	.7006
.1514	-.4219	.6594	.7949	.6007	.0010	.7534	.6488
.2019	-.3775	.6691	.7796	.6755	.1399	.7846	.5984
.2519	-.3698	.6704	.7776	.7173	.2009	.7982	.5764
.3018	-.3640	.6719	.7753	.8507	.3060	.8213	.5376
.4018	-.3751	.6694	.7791	.9010	.3100	.8217	.5368
.4519	-.3796	.6685	.7809	.9508	.2640	.8125	.5526
.5020	-.3766	.6694	.7791	1.0000	.0863	.7721	.6189
.5270	-.3816	.6676	.7802				
.5520	-.3813	.6689	.7799				
.5770	-.3864	.6674	.7823				
.6020	-.3889	.6660	.7844				
.6270	-.3951	.6663	.7839				
.6519	-.3963	.6647	.7863				
.6770	-.4004	.6637	.7879				
.7020	-.3973	.6642	.7871				
.7516	-.3699	.6713	.7763				
.8017	-.3146	.6832	.7580				
.8519	-.2388	.6997	.7326				
.9012	-.1950	.7182	.7040				
.9518	-.0460	.7425	.6660				
1.0000	.0710	.7686	.6244				

TEST 118 RUN 36 POINT 3 GRIT ***DN ***
 PT = 1.1993 TT = 298.6 M,INF = .6484 RC*E06 = 2.23 ALPHA = 2.01
 CM = .4102 CM.25 = -.0950

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0055	.9771	.1821	0.0000	1.0011	.9761	.1861
.0075	-1.3142	.4635	1.1082	.0100	.7146	.9127	.3634
.0101	-1.2528	.4762	1.0863	.0177	.4740	.8592	.4704
.0164	-1.7394	.3699	1.2816	.0526	.0323	.7610	.6366
.0200	-1.6211	.3945	1.2336	.1023	-.1921	.7110	.7151
.0265	-1.6315	.3935	1.2353	.1527	-.2729	.6932	.7426
.0308	-1.6173	.3954	1.2319	.2020	-.3341	.6794	.7639
.0364	-1.6198	.3947	1.2330	.2770	-.4032	.6648	.7862
.0518	-1.0641	.5184	1.0158	.3757	-.3881	.6678	.7816
.0769	-.6395	.6120	.8674	.4507	-.3087	.6853	.7548
.1019	-.5982	.6209	.8538	.5257	-.1081	.7294	.6865
.1518	-.5192	.6385	.8266	.6007	.0269	.7594	.6393
.2019	-.4593	.6515	.8066	.6755	.1569	.7883	.5927
.2519	-.4438	.6558	.8000	.7173	.2161	.8013	.5712
.3018	-.4276	.6590	.7951	.8507	.3151	.8237	.5335
.4018	-.4268	.6591	.7950	.9010	.3171	.8241	.5327
.4519	-.4231	.6594	.7946	.9508	.2664	.8130	.5517
.5020	-.4145	.6613	.7916	1.0000	.0745	.7702	.6220
.5270	-.4169	.6608	.7923				
.5520	-.4135	.6614	.7914				
.5770	-.4156	.6615	.7913				
.6020	-.4178	.6610	.7920				
.6270	-.4190	.6609	.7921				
.6519	-.4189	.6607	.7925				
.6770	-.4192	.6605	.7928				
.7020	-.4114	.6621	.7903				
.7516	-.3784	.6691	.7797				
.8017	-.3177	.6829	.7585				
.8519	-.2387	.7006	.7312				
.9012	-.1514	.7201	.7010				
.9518	-.0438	.7441	.6635				
1.0000	.0607	.7671	.6270				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 36 POINT 4 GRIT ***DN ***
 TT = 298.6 M,INF = .6470 RC*E06 = 2.23 ALPHA = 3.01
 PT = 1.1994 CN = .5286
 CD2 CD1 CD3 CD4 CD5
 .01622 .01645(-.00023) .01603(-.00019) .01537(-.00085) .01495(-.00127)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01533 .01554(-.00020) .01524(-.00010) .01468(-.00066) .01432(-.00162)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9307	.9603	.2410	0.0000	.9248	.9591	.2449
.0075	-1.5621	.4077	1.2086	.0100	.8275	.9374	.3031
.0101	-1.4068	.4420	1.1459	.0177	.6028	.8884	.4144
.0164	-2.0248	.3044	1.4224	.0526	.1676	.7921	.5864
.0200	-1.8848	.3373	1.3492	.1023	-.0775	.7378	.6734
.0265	-1.9176	.3281	1.3691	.1527	-.1729	.7165	.7065
.0308	-1.9025	.3321	1.3604	.2020	-.2471	.7001	.7320
.0364	-1.9007	.3338	1.3567	.2770	-.3243	.6835	.7576
.0518	-1.8795	.3406	1.3421	.3757	-.3287	.6822	.7595
.0769	-1.0860	.5192	1.0211	.4507	-.2556	.6976	.7358
.1019	-.7418	.5909	.9002	.5257	-.0680	.7396	.6706
.1518	-.5949	.6232	.8502	.6007	.0484	.7651	.6302
.2019	-.5309	.6373	.8285	.6755	.1730	.7921	.5865
.2519	-.5038	.6438	.8184	.7173	.2280	.8655	.5642
.3018	-.4827	.6482	.8118	.8507	.3235	.8261	.5293
.4018	-.4681	.6505	.8081	.9010	.3236	.8256	.5302
.4519	-.4614	.6525	.8030	.9508	.2697	.8136	.5506
.5020	-.4472	.6553	.8008	1.0000	.0676	.7691	.6238
.527C	-.4462	.6546	.8018				
.552C	-.4423	.6575	.7974				
.5770	-.4396	.6573	.7978				
.602C	-.4376	.6567	.7986				
.627C	-.4366	.6568	.7984				
.6519	-.4343	.6570	.7969				
.6770	-.4320	.6585	.7959				
.702C	-.4197	.6606	.7927				
.7518	-.3826	.6688	.7800				
.8017	-.3197	.6820	.7583				
.8514	-.2370	.7015	.7298				
.9012	-.1513	.7206	.7001				
.9518	-.0475	.7436	.6643				
1.0000	.0533	.7660	.6267				

TEST 118 RUN 36 POINT 5 GRIT ***DN ***
 TT = 298.7 M,INF = .6451 RC*E06 = 2.22 ALPHA = 4.00
 PT = 1.1993 CN = .6348
 CD2 CD1 CD3 CD4 CD5
 .02349 .02349(-.00001) .02351(-.00002) .02280(-.00068) .02297(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02253 .02251(-.00001) .02260(-.00007) .02204(-.00049) .02186(-.00066)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8435	.9413	.2950	0.0000	.8388	.9403	.2978
.0075	-1.7253	.3732	1.2751	.0100	.9128	.9569	.2515
.0101	-1.5296	.4174	1.1905	.0177	.7027	.9104	.3685
.0164	-2.0945	.2917	1.4524	.0526	.2708	.8151	.5482
.0200	-1.9937	.3152	1.3977	.1023	.0209	.7602	.6379
.0265	-2.0481	.3042	1.4228	.1527	-.0866	.7360	.6762
.0308	-2.0592	.3005	1.4316	.2020	-.1694	.7182	.7040
.0364	-2.0656	.2993	1.4343	.2770	-.2584	.6988	.7339
.0518	-2.0220	.3088	1.4123	.3757	-.2769	.6942	.7410
.0769	-1.5469	.4139	1.1970	.4507	-.2124	.7090	.7182
.1019	-1.2249	.4856	1.0703	.5257	-.0434	.7460	.6605
.1518	-.8264	.5726	.9289	.6007	.0611	.7691	.6238
.2019	-.6401	.6144	.8638	.6755	.1851	.7968	.5788
.2519	-.5693	.6303	.8392	.7173	.2388	.8081	.5599
.3018	-.5278	.6388	.8261	.8507	.3282	.8279	.5262
.4018	-.4991	.6458	.8154	.9010	.3258	.8273	.5273
.4519	-.4862	.6483	.8115	.9508	.2672	.8147	.5488
.5020	-.4691	.6522	.8055	1.0000	.0529	.7671	.6270
.527C	-.4665	.6533	.8039				
.5520	-.4576	.6545	.8019				
.5770	-.4537	.6555	.8005				
.6020	-.4470	.6567	.7986				
.6270	-.4441	.6567	.7986				
.6519	-.4366	.6580	.7966				
.6770	-.4366	.6591	.7950				
.702C	-.4289	.6622	.7902				
.7518	-.4162	.6646	.7866				
.8017	-.3762	.6732	.7733				
.8514	-.3695	.6874	.7514				
.8519	-.2313	.7043	.7255				
.9012	-.1492	.7228	.6968				
.9518	-.0535	.7439	.6639				
1.0000	.0359	.7643	.6314				

OF POOR QUALITY.

TABLE II.- Continued.

PT = 1.1977 TEST 118 RUN 24 POINT 2 GRIT ***DN ***
 CN = .1988 TT = 227.2 M,INF = .4032 RC*E06 = 2.21 ALPHA = -.01
 CD2 CD1 CD3 CD4 CD5
 .00895 .00764(-.00069) .00871(-.00024) .00886(-.00009) .00839(-.00056)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00812 .00884(-.00072) .00795(-.00017) .00826(.00014) .00785(-.00027)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0341	.9993	.0321	0.0000	1.0330	.9992	.0348
.0075	-.6567	.8270	.5277	.0100	.2969	.9238	.3382
.0101	-.7480	.8175	.5441	.0177	.0680	.9005	.3895
.0164	-.7693	.8160	.5466	.0526	-.2784	.8660	.4579
.0200	-.7067	.8220	.5363	.1023	-.3937	.8534	.4810
.0265	-.5470	.8375	.5095	.1527	-.4085	.8525	.4827
.0308	-.6076	.8318	.5194	.2020	-.4273	.8505	.4864
.0364	-.5024	.8428	.5001	.2770	-.4497	.8483	.4902
.0518	-.4126	.8514	.4846	.3757	-.4080	.8530	.4818
.0769	-.3521	.8585	.4718	.4507	-.3300	.8606	.4678
.1019	-.3170	.8613	.4666	.5257	-.1481	.8793	.4324
.1518	-.2584	.8678	.4544	.6007	-.0158	.8922	.4067
.2019	-.2424	.8693	.4516	.6755	.1057	.9048	.3803
.2519	-.2492	.8687	.4526	.7173	.1604	.9105	.3683
.3018	-.2530	.8687	.4526	.8507	.2620	.9203	.3464
.4018	-.2734	.8664	.4571	.9010	.2682	.9213	.3440
.4519	-.2795	.8659	.4579	.9508	.2289	.9170	.3537
.5020	-.2788	.8654	.4589	1.0000	.0718	.9011	.3884
.5270	-.2834	.8650	.4596				
.5521	-.2886	.8648	.4600				
.5770	-.2919	.8636	.4622				
.6020	-.2979	.8637	.4621				
.6270	-.3036	.8627	.4640				
.6519	-.3064	.8625	.4644				
.6770	-.3139	.8618	.4657				
.7020	-.3158	.8625	.4643				
.7516	-.2985	.8640	.4615				
.8017	-.2605	.8677	.4546				
.8519	-.2069	.8733	.4439				
.9012	-.1427	.8802	.4306				
.9518	-.0491	.8891	.4130				
1.0000	.0646	.9004	.3899				

PT = 1.1952 TEST 118 RUN 24 POINT 3 GRIT ***DN ***
 CN = .2695 TT = 227.4 M,INF = .4031 RC*E06 = 2.20 ALPHA = 1.01
 CD2 CD1 CD3 CD4 CD5
 .00959 .01026(-.00066) .00932(-.00027) .00940(-.00019) .00888(-.00071)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00875 .00943(-.00068) .00855(-.00020) .00879(.00004) .00833(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9699	.9927	.1021	0.0000	.9653	.9923	.1054
.0075	-1.1338	.7781	.6092	.0100	.5207	.9468	.2804
.0101	-1.1790	.7735	.6167	.0177	.2873	.9229	.3403
.0164	-1.1340	.7753	.6089	.0526	-.1070	.8830	.4252
.0200	-1.0304	.7882	.5929	.1023	-.2632	.8677	.4547
.0265	-.8929	.8064	.5627	.1527	-.3034	.8630	.4634
.0308	-.9127	.8007	.5723	.2020	-.3390	.8593	.4773
.0364	-.7980	.8119	.5535	.2770	-.3783	.8586	.4716
.0518	-.5211	.8402	.5047	.3757	-.3501	.8634	.4589
.0769	-.4772	.8453	.4957	.4507	-.2783	.8829	.4253
.1019	-.4264	.8511	.4852	.5257	-.1124	.8953	.4004
.1518	-.3617	.8571	.4744	.6007	.0087	.9066	.3768
.2019	-.3245	.8607	.4676	.6755	.1239	.9117	.3655
.2519	-.3179	.8614	.4664	.7173	.1770	.9218	.3428
.3018	-.3118	.8625	.4644	.8507	.2748	.9220	.3424
.4018	-.3190	.8612	.4667	.9010	.2765	.9178	.3520
.4519	-.3229	.8616	.4660	.9508	.2355	.9017	.3872
.5020	-.3188	.8621	.4691	1.0000	.0695		
.5270	-.3214	.8612	.4668				
.5520	-.3199	.8610	.4671				
.5770	-.3234	.8608	.4674				
.6020	-.3264	.8605	.4681				
.6270	-.3295	.8602	.4686				
.6519	-.3336	.8609	.4673				
.6770	-.3353	.8602	.4686				
.7020	-.3339	.8605	.4680				
.7518	-.3131	.8622	.4649				
.8017	-.2726	.8666	.4568				
.8519	-.2138	.8722	.4460				
.9012	-.1458	.8795	.4320				
.9518	-.0494	.8892	.4128				
1.0000	.0628	.9006	.3893				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 24 POINT 4 GRIT ***DN ***
PT = 1.1948 TT = 227.5 M,INF = .4018 RC*E06 = 2.19 ALPHA = 1.50
CN = .3215 CM.25 = -.0867

CD2 CD1 CD3 CD4 CD5
.00992 .01050(.00058) .00964(-.00028) .00974(-.00018) .00919(-.00073)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00911 .00969(.00059) .00889(-.00022) .00914(.00004) .00865(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.9179	.9875	.1340	0.0000	.9175	.9875	.1340
.0075	-1.3833	.7548	.6466	.0100	.6141	.9570	.2512
.0101	-1.3939	.7542	.6475	.0177	.3785	.9326	.3172
.0164	-1.3109	.7615	.6360	.0526	-.0312	.8915	.4081
.0200	-1.1965	.7723	.6186	.1023	-.2048	.8740	.4426
.0265	-1.0404	.7902	.5895	.1527	-.2575	.8685	.4530
.0308	-1.0978	.7841	.5995	.2020	-.2985	.8647	.4602
.0364	-.8683	.8037	.5639	.2770	-.3438	.8600	.4689
.0518	-.6179	.8312	.5206	.3757	-.3253	.8625	.4643
.0769	-.5470	.8394	.5062	.4507	-.2555	.8693	.4515
.1019	-.4837	.8458	.4947	.5257	-.0946	.8853	.4207
.1518	-.4073	.8534	.4811	.6007	.0194	.8973	.3963
.2019	-.3618	.8583	.4721	.6755	.1318	.9082	.3731
.2519	-.3505	.8594	.4701	.7173	.1845	.9137	.3612
.3018	-.3409	.8610	.4672	.8507	.7789	.9231	.3399
.4018	-.3417	.8606	.4678	.9010	.8005	.9236	.3387
.4519	-.3418	.8603	.4684	.9508	.2364	.9186	.3501
.5020	-.3367	.8615	.4663	1.0000	.0658	.9018	.3869
.5270	-.3398	.8607	.4678				
.5520	-.3378	.8611	.4670				
.5770	-.3402	.8606	.4679				
.6020	-.3421	.8610	.4671				
.6270	-.3418	.8602	.4686				
.6519	-.3458	.8603	.4683				
.6770	-.3480	.8594	.4701				
.7020	-.3443	.8602	.4686				
.7516	-.3222	.8619	.4655				
.8017	-.2789	.8669	.4561				
.8519	-.2185	.8725	.4455				
.9012	-.1450	.8801	.4307				
.9518	-.0498	.8890	.4132				
1.0000	.0508	.9007	.3893				

TEST 118 RUN 24 POINT 5 GRIT ***DN ***
PT = 1.1998 TT = 227.5 M,INF = .4027 RC*E06 = 2.20 ALPHA = 1.76
CN = .3475 CM.25 = -.0864

CD2 CD1 CD3 CD4 CD5
.01002 .01052(.00050) .00983(-.00019) .00990(-.00012) .00932(-.00071)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00920 .00972(.00052) .00909(-.00011) .00932(.00012) .00879(-.00041)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.8882	.9845	.1495	0.0000	.8844	.9840	.1518
.0075	-1.5244	.7386	.6721	.0100	.6550	.9607	.2399
.0101	-1.5165	.7413	.6680	.0177	.4251	.9375	.3047
.0164	-1.4199	.7505	.6534	.0526	.0056	.8952	.4006
.0200	-1.3096	.7620	.6352	.1023	-.1771	.8766	.4375
.0265	-1.1325	.7787	.6083	.1527	-.2330	.8703	.4496
.0308	-1.2076	.7725	.6183	.2020	-.2783	.8658	.4583
.0364	-.8427	.8092	.5580	.2770	-.3287	.8613	.4665
.0518	-.6747	.8260	.5295	.3757	-.3111	.8629	.4636
.0769	-.5862	.8353	.5133	.4507	-.2442	.8690	.4521
.1019	-.5175	.8422	.5012	.5257	-.0852	.8852	.4208
.1518	-.4307	.8502	.4868	.6007	.0264	.8968	.3973
.2019	-.3813	.8553	.4776	.6755	.1376	.9083	.3729
.2519	-.3694	.8572	.4741	.7173	.1885	.9134	.3619
.3018	-.3544	.8585	.4717	.8507	.2815	.9224	.3414
.4018	-.3534	.8579	.4728	.9010	.2821	.9231	.3397
.4519	-.3505	.8581	.4724	.9508	.2399	.9181	.3513
.5020	-.3446	.8591	.4707	1.0000	.0655	.9012	.3882
.5270	-.3473	.8591	.4706				
.5520	-.3450	.8592	.4705				
.5770	-.3454	.8584	.4719				
.6020	-.3494	.8592	.4704				
.6270	-.3502	.8583	.4720				
.6519	-.3524	.8588	.4711				
.6770	-.3527	.8585	.4717				
.7020	-.3492	.8589	.4709				
.7516	-.3247	.8612	.4668				
.8017	-.2799	.8666	.4567				
.8519	-.2185	.8720	.4465				
.9012	-.1427	.8794	.4322				
.9518	-.0488	.8893	.4126				
1.0000	.0663	.9004	.3898				

CRITICAL BASE IN
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 24 POINT 6 GRIT ***ON ***
 PT = 1.2027 TT = 227.6 M, INF = .4029 RC*E06 = 2.21 ALPHA = 2.00
 CN = .3726 CM.25 = -.0068

CD2 CD1 CD3 CD4 CD5
 .01020 .01067(.00047) .00998(-.00021) .00998(-.00021) .00947(-.00072)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00937 .00988(.00051) .00920(-.00017) .00939(.00002) .00895(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	.8574	.9813	.1641	0.0000	.8511	.9807	.1668
.0075	-1.6551	.7266	.6909	.0100	.6940	.9646	.2275
.0101	-1.6265	.7285	.8879	.0177	.4642	.9413	.2950
.0164	-1.5176	.7402	.6696	.0526	.0387	.8982	.3944
.0200	-1.4092	.7524	.6504	.1023	-1.1490	.8794	.4321
.0265	-1.2053	.7708	.6210	.1527	-2.2115	.8726	.4454
.0308	-1.3069	.7608	.6370	.2020	-2.2592	.8675	.4350
.0364	-.8393	.8100	.5568	.2770	-3.3105	.8625	.4643
.0518	-.7189	.8210	.5382	.3757	-2.2973	.8633	.4627
.0769	-.6192	.8314	.5201	.4507	-2.2321	.8704	.4496
.1019	-.5443	.8394	.5062	.5257	-.0769	.8860	.4191
.1518	-.4534	.8480	.4909	.6007	.0325	.8979	.3950
.2019	-.3995	.8532	.4814	.6755	.1413	.9083	.3730
.2519	-.3824	.8552	.4778	.7173	.1927	.9138	.3610
.3018	-.3660	.8563	.4758	.8507	.2850	.9233	.3394
.4018	-.3620	.8571	.4743	.9010	.2842	.9231	.3397
.4519	-.3604	.8572	.4741	.9508	.2383	.9182	.3511
.5020	-.3534	.8589	.4711	1.0000	.0651	.9008	.3889
.5270	-.3553	.8577	.4731				
.5520	-.3538	.8583	.4721				
.5770	-.3557	.8583	.4722				
.6020	-.3561	.8581	.4724				
.6270	-.3568	.8576	.4734				
.6519	-.3576	.8579	.4729				
.6770	-.3585	.8577	.4732				
.7020	-.3542	.8584	.4719				
.7516	-.3291	.8611	.4669				
.8017	-.2841	.8651	.4594				
.8519	-.2220	.8720	.4464				
.9012	-.1467	.8789	.4332				
.9518	-.0491	.8894	.4124				
1.0000	.0592	.9002	.3903				

TEST 118 RUN 24 POINT 7 GRIT ***ON ***
 PT = 1.1991 TT = 227.4 M, INF = .4031 RC*E06 = 2.21 ALPHA = 2.26
 CN = .3985 CM.25 = -.0070

CD2 CD1 CD3 CD4 CD5
 .01034 .01082(.00043) .01018(-.00021) .01012(-.00027) .00961(-.00078)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00957 .01604(.00047) .00943(-.00014) .00952(-.00004) .00908(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	.8157	.9772	.1817	0.0000	.8106	.9765	.1847
.0075	-1.7899	.7112	.7147	.0100	.7301	.9682	.2151
.0101	-1.7401	.7174	.7051	.0177	.5073	.9461	.2824
.0164	-1.6149	.7311	.6838	.0526	.0775	.9024	.3856
.0200	-1.4990	.7432	.6649	.1023	-1.1187	.8824	.4264
.0265	-1.2062	.7707	.6213	.1527	-1.1871	.8749	.4409
.0308	-1.4273	.7492	.6554	.2020	-2.2395	.8703	.4497
.0364	-.8330	.8085	.5993	.2770	-2.2930	.8654	.4603
.0518	-.7640	.8176	.5439	.3757	-2.2852	.8672	.4586
.0769	-.6534	.8284	.5255	.4507	-2.2209	.8722	.4460
.1019	-.5725	.8363	.5115	.5257	-.0681	.8872	.4167
.1518	-.4775	.8453	.4956	.6007	.0381	.8987	.3934
.2019	-.4211	.8519	.4836	.6755	.1464	.9087	.3722
.2519	-.3989	.8539	.4801	.7173	.1962	.9142	.3600
.3018	-.3825	.8557	.4768	.8507	.2860	.9229	.3403
.4018	-.3748	.8566	.4752	.9010	.2870	.9233	.3393
.4519	-.3709	.8565	.4755	.9508	.2403	.9185	.3504
.5020	-.3637	.8581	.4725	1.0000	.0640	.9005	.3894
.5270	-.3605	.8570	.4745				
.5520	-.3592	.8578	.4745				
.5770	-.3607	.8569	.4746				
.6020	-.3627	.8573	.4739				
.6270	-.3640	.8570	.4744				
.6519	-.3617	.8572	.4741				
.6770	-.3640	.8568	.4748				
.7020	-.3592	.8578	.4730				
.7516	-.3322	.8595	.4698				
.8017	-.2871	.8644	.4609				
.8519	-.2235	.8705	.4494				
.9012	-.1489	.8785	.4340				
.9518	-.0503	.8887	.4137				
1.0000	.0576	.8998	.3911				

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TABLE II.- Continued.

TEST 118 RUN 24 POINT 8 GRIT ***DN***
 PT = 1.1977 TT = 227.4 M,INF = .4033 RC*E06 = 2.21 ALPHA = 2.50
 CM = .4238 CM,25 = -.0872

TEST 118				
CD2	CD1	CD3	CD4	CD5
.01064	.01107(-.00043)	.01040(-.00024)	.01034(-.00030)	.00981(-.00083)
CDCDR2	CDCDR1	CDCDR3	CDCDR4	CDCDR5
.00961	.01027(-.00046)	.00954(-.00016)	.00975(-.00006)	.00928(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.7774	.9732	.1971	0.0000	.7743	.9729	.1984
.0075	-1.9368	.6975	.7360	.0100	.7676	.9721	.2012
.0101	-1.8585	.7047	.7248	.0177	.5469	.9497	.2720
.0164	-1.7191	.7199	.7014	.0526	.1132	.9060	.3780
.0200	-1.6069	.7300	.6856	.1023	-.0904	.8847	.4219
.0265	-1.4828	.7355	.6107	.1527	-.1626	.8775	.4359
.0308	-1.3451	.7366	.6752	.2020	-.2165	.8723	.4459
.0364	-.9959	.8025	.5693	.2770	-.2766	.8663	.4571
.0518	-.8081	.8117	.5539	.3757	-.2714	.8662	.4574
.0769	-.6907	.8245	.5320	.4507	-.2086	.8729	.4448
.1019	-.6002	.8327	.5179	.5257	-.0593	.8878	.4156
.1516	-.4975	.8434	.4991	.6007	.0458	.8982	.3944
.2019	-.4348	.8502	.4869	.6755	.1524	.9095	.3701
.2519	-.4153	.8523	.4831	.7173	.2019	.9144	.3595
.3018	-.3948	.8536	.4806	.8507	.2909	.9232	.3375
.4018	-.3845	.8550	.4782	.9010	.2893	.9233	.3393
.4519	-.3789	.8553	.4777	.9508	.2443	.9190	.3494
.5020	-.3691	.8558	.4768	1.0000	.0641	.9003	.3900
.5270	-.3712	.8564	.4756				
.5520	-.3657	.8567	.4751				
.5770	-.3655	.8561	.4761				
.6020	-.3677	.8563	.4757				
.6270	-.3687	.8566	.4752				
.6519	-.3683	.8562	.4759				
.6770	-.3667	.8561	.4761				
.7020	-.3625	.8567	.4750				
.7516	-.3349	.8596	.4697				
.8017	-.2882	.8639	.4618				
.8519	-.2232	.8709	.4485				
.9012	-.1481	.8785	.4339				
.9518	-.0497	.8886	.4140				
1.0000	.0592	.8996	.3914				

TEST 118 RUN 24 POINT 9 GRIT ***DN***
 PT = 1.1959 TT = 227.4 M,INF = .4022 RC*E06 = 2.20 ALPHA = 3.01
 CM = .4730 CM,25 = -.0866

TEST 118				
CD2	CD1	CD3	CD4	CD5
.011	.01147(-.00045)	.01078(-.00023)	.01061(-.00040)	.01010(-.00092)
CDCDR2	CDCDR1	CDCDR3	CDCDR4	CDCDR5
.01018	.01067(-.00049)	.01002(-.00016)	.01001(-.00016)	.00956(-.00062)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.6874	.9640	.2292	0.0000	.6815	.9634	.2311
.0075	-2.2326	.6673	.7824	.0100	.8326	.9788	.1753
.0101	-2.1052	.6798	.7633	.0177	.6190	.9571	.2909
.0164	-1.9431	.6966	.7373	.0526	.1790	.9124	.3640
.0200	-1.8420	.7065	.7221	.1023	-.0365	.8907	.4094
.0265	-1.7449	.7175	.6103	.1527	-.1202	.8824	.4262
.0308	-1.7917	.7117	.7141	.2020	-.1801	.8767	.4375
.0364	-1.0198	.7902	.5896	.2770	-.2448	.8698	.4507
.0518	-.9028	.8024	.5694	.3757	-.2449	.8696	.4511
.0769	-.7599	.8170	.5448	.4507	-.1881	.8756	.4396
.1019	-.6612	.8273	.5273	.5257	-.0479	.8896	.4120
.1518	-.5467	.8393	.5064	.6007	.0553	.9001	.3906
.2019	-.4748	.8469	.4928	.6755	.1591	.9103	.3686
.2519	-.4466	.8493	.4884	.7173	.2081	.9152	.3579
.3018	-.4228	.8518	.4840	.8507	.2942	.9241	.3375
.4018	-.4065	.8535	.4810	.9010	.2928	.9240	.3378
.4519	-.3972	.8542	.4796	.9508	.2444	.9187	.3499
.5020	-.3861	.8553	.4776	1.0000	.0618	.9004	.3896
.5270	-.3863	.8549	.4784				
.5520	-.3804	.8552	.4777				
.5770	-.3820	.8554	.4774				
.6020	-.3865	.8556	.4771				
.6270	-.3794	.8551	.4780				
.6519	-.3787	.8556	.4770				
.6770	-.3782	.8555	.4772				
.7020	-.3719	.8566	.4752				
.7516	-.3428	.8593	.4703				
.8017	-.2923	.8646	.4605				
.8519	-.2269	.8722	.4461				
.9012	-.1511	.8803	.4305				
.9518	-.0480	.8906	.4101				
1.0000	.0559	.8997	.3913				

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TABLE II.- Continued.

TEST 118 RUN 24 POINT 10 GRIT ***DN ***
 PT = 1.1977 TT = 227.4 M, INF = .4026 RC*E06 = 2.20 ALPHA = 3.49
 CM = .9230 CM.25 = -.0863

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.5804	.9530	.2630	0.0000	.5843	.9537	.2610
.0075	-2.5414	.6544	.8295	.0100	.8840	.9841	.1516
.0101	-2.3829	.6513	.8039	.0177	.6804	.9632	.2319
.0164	-2.1829	.6712	.7764	.0526	.2425	.9185	.3504
.0200	-2.1064	.6808	.7616	.1023	.0152	.8957	.3995
.0265	-1.1965	.7728	.6178	.1527	-.0755	.8865	.4183
.0306	-1.9619	.6959	.7384	.2020	-.1411	.8802	.4306
.0364	-1.1570	.7771	.6109	.2770	-.2123	.8731	.4444
.0518	-.9920	.7927	.5855	.3757	-.2227	.8720	.4465
.0769	-.8299	.8091	.5583	.4507	-.1672	.8774	.4361
.1019	-.7222	.8208	.5384	.5257	-.0381	.8904	.4105
.1518	-.5904	.8341	.5154	.6007	.0668	.9010	.3855
.2019	-.5118	.8426	.5004	.6755	.1679	.9112	.3668
.2519	-.4790	.8461	.4943	.7173	.2162	.9163	.3553
.3018	-.4512	.8488	.4893	.7507	.2988	.9247	.3361
.4018	-.4286	.8504	.4856	.8507	.2988	.9247	.3361
.4519	-.4179	.8518	.4840	.9010	.2476	.9194	.3484
.5020	-.4038	.8532	.4814	.9508	.0604	.9008	.3890
.5270	-.4024	.8532	.4815	1.0000			
.5270	-.3968	.8542	.4796				
.5770	-.3955	.8542	.4756				
.6020	-.3936	.8543	.4795				
.6270	-.3928	.8543	.4794				
.6519	-.3912	.8551	.4779				
.6770	-.3882	.8551	.4780				
.7020	-.3800	.8559	.4764				
.7516	-.3476	.8584	.4720				
.8017	-.2979	.8640	.4615				
.8519	-.2295	.8707	.4489				
.9012	-.1498	.8787	.4335				
.9518	-.0498	.8892	.4129				
1.0000	.0544	.9000	.3907				

TEST 118 RUN 24 POINT 11 GRIT ***DN ***
 PT = 1.1976 TT = 227.5 M, INF = .4018 RC*E06 = 2.20 ALPHA = 4.00
 CM = .5730 CM.25 = -.0857

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.4663	.9420	.2931	0.0000	.4595	.9412	.2953
.0075	-2.8742	.6040	.8799	.0100	.9314	.9889	.1264
.0101	-2.6350	.6311	.8380	.0177	.7469	.9703	.2078
.0164	-2.4796	.6449	.8168	.0526	.3070	.9261	.3329
.0200	-2.3914	.6553	.8009	.1023	.0690	.9019	.3867
.0265	-1.3203	.7606	.6373	.1527	-.0309	.8711	.4091
.0306	-1.9305	.7018	.7293	.2020	-.1021	.8836	.4240
.0364	-1.2890	.7660	.6280	.2770	-.1789	.8760	.4388
.0518	-1.0907	.7847	.5985	.3757	-.1966	.8747	.4413
.0769	-.9097	.8035	.5677	.4507	-.1371	.8815	.4281
.1019	-.7864	.8156	.5474	.5257	-.0298	.8912	.4088
.1518	-.6360	.8296	.5233	.6007	.0788	.9024	.3856
.2019	-.5473	.8382	.5082	.6755	.1774	.9125	.3636
.2519	-.5093	.8424	.5009	.7173	.2235	.9171	.3536
.3018	-.4789	.8461	.4942	.7507	.3038	.9250	.3354
.4018	-.4494	.8501	.4871	.8507	.2998	.9247	.3361
.4519	-.4350	.8508	.4873	.9010	.2467	.9196	.3479
.5020	-.4202	.8518	.4839	.9508	.0574	.9001	.3905
.5270	-.4185	.8522	.4833	1.0000			
.5270	-.4114	.8527	.4823				
.5770	-.4077	.8526	.4824				
.6020	-.4034	.8532	.4813				
.6270	-.4032	.8534	.4810				
.6519	-.3981	.8539	.4802				
.6770	-.3967	.8543	.4793				
.7020	-.3886	.8559	.4766				
.7516	-.3539	.8586	.4715				
.8017	-.3014	.8643	.4609				
.8519	-.2296	.8709	.4485				
.9012	-.1501	.8796	.4318				
.9518	-.0487	.8897	.4119				
1.0000	.0511	.9097	.3913				

TABLE II.- Continued.

PT = 1.1962 TT = 227.6 RUN = 24 POINT 12 GRIT ***DM***
 CM = .6654 CM.25 = -.0837 M.INF = .3999 RC*E06 = 2.18 ALPHA = 5.01

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.2081	.9165	.3349	0.0000	.2051	.9163	.3553
.0075	-3.9175	.9434	.9754	.0100	.9972	.9957	.0787
.0101	-3.1354	.5820	.9142	.0177	.8418	.9800	.1702
.0164	-3.0875	.5860	.9079	.0526	.4158	.9373	.3055
.0200	-3.0383	.5920	.8986	.1023	.1623	.9114	.3663
.0265	-1.6140	.7344	.6786	.1527	.0478	.9003	.3901
.0308	-2.0759	.6881	.7505	.2020	-.0325	.8928	.4056
.0364	-1.5336	.7425	.6660	.2770	-.1210	.8839	.4233
.0518	-1.2738	.7669	.6273	.3757	-.1512	.8809	.4293
.0769	-1.0521	.7899	.5901	.4507	-.1081	.8846	.4220
.1019	-.9021	.8040	.5667	.5257	-.0156	.8841	.4029
.1318	-.7306	.8221	.5363	.6007	.0994	.9057	.3786
.2019	-.6277	.8333	.5149	.6755	.1935	.9150	.3582
.2519	-.5769	.8384	.5080	.7173	.2369	.9194	.3483
.3018	-.5341	.8426	.5005	.8307	.3118	.9270	.3306
.4018	-.4901	.8462	.4940	.8910	.3016	.9263	.3235
.4519	-.4711	.8484	.4901	.9508	.2523	.9215	.3423
.5020	-.4524	.8505	.4864	1.0000	.0493	.9005	.3897
.5270	-.4462	.8508	.4857				
.5520	-.4383	.8517	.4841				
.5770	-.4341	.8523	.4831				
.6020	-.4270	.8529	.4820				
.6270	-.4243	.8541	.4798				
.6519	-.4161	.8538	.4804				
.6770	-.4109	.8547	.4788				
.7020	-.4009	.8556	.4771				
.7516	-.3617	.8587	.4714				
.8017	-.3046	.8648	.4600				
.8519	-.2308	.8725	.4456				
.9012	-.1475	.8806	.4298				
.9518	-.0486	.8903	.4105				
1.0000	.6438	.9002	.3963				

PT = 1.1982 TT = 227.7 RUN = 24 POINT 13 GRIT ***DM***
 CM = .7330 CM.25 = -.0736 M.INF = .3972 RC*E06 = 2.17 ALPHA = 6.01

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.1499	.9116	.3658	0.0000	.1451	.9113	.3665
.0075	-3.6847	.5317	.9942	.0100	1.0224	.9982	.0501
.0101	-3.2405	.5750	.9251	.0177	.8948	.9856	.1441
.0164	-3.4017	.5590	.9505	.0526	.4844	.9449	.2855
.0200	-3.3334	.5676	.9369	.1023	.2245	.9189	.3496
.0265	-2.0426	.6939	.7415	.1527	.0997	.9069	.3761
.0308	-2.3391	.6645	.7867	.2020	.0127	.8978	.3952
.0364	-1.8117	.7180	.7042	.2770	-.0832	.8886	.4140
.0518	-1.5947	.7437	.6641	.3757	-.1239	.8842	.4227
.0769	-1.3081	.7673	.6267	.4507	-.0873	.8882	.4146
.1019	-1.1267	.7845	.5989	.5257	-.0113	.8955	.4058
.1518	-.8824	.8096	.5575	.6007	.1079	.9072	.3754
.2019	-.7221	.8247	.5317	.6755	.1963	.9164	.3552
.2519	-.6429	.8331	.5172	.7173	.2382	.9104	.3461
.3018	-.5803	.8387	.5073	.8307	.3088	.9176	.3291
.4018	-.5127	.8461	.4943	.8910	.2988	.9257	.3314
.4519	-.4851	.8484	.4901	.9508	.2383	.9260	.3470
.5020	-.4580	.8509	.4856	1.0000	.0210	.8997	.3927
.5270	-.4527	.8521	.4835				
.5520	-.4414	.8529	.4819				
.5770	-.4326	.8543	.4795				
.6020	-.4241	.8552	.4779				
.6270	-.4141	.8549	.4783				
.6519	-.4066	.8567	.4751				
.6770	-.3961	.8576	.4733				
.7020	-.3841	.8592	.4705				
.7516	-.3400	.8634	.4626				
.8017	-.2826	.8689	.4523				
.8519	-.2118	.8757	.4394				
.9012	-.1362	.8834	.4243				
.9518	-.0527	.8914	.4085				
1.0000	.0160	.8985	.3938				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 25 POINT 14 GRIT ***ON***
 TT = 224.9 M.INF = .9017 RC*EQ6 = 2.59 ALPHA = .00
 CM = .1646 CM.25 = -.0903

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/PT	CD3			CP	P/PT	MLOC
0.0000	1.0635	.9998	.0149	0.0000	1.0609	.9999	.0272	
.0075	-.6695	.7427	.6657	.0100	.3218	.8897	.4117	
.0101	-.7672	.7271	.6902	.0177	.0863	.8545	.4791	
.0164	-.8122	.7212	.6992	.0526	-.2862	.7994	.5745	
.0200	-.7536	.7291	.6871	.1023	-.4151	.7795	.6070	
.0265	-.5782	.7561	.6445	.1527	-.4339	.7775	.6102	
.0308	-.6405	.7459	.6406	.2020	-.4366	.7741	.6157	
.0364	-.5316	.7621	.6349	.2770	-.4805	.7697	.6229	
.0518	-.4293	.7778	.6097	.3757	-.4341	.7722	.6107	
.0769	-.3617	.7882	.5929	.4507	-.3363	.7921	.5865	
.1019	-.3079	.7955	.5809	.5257	-.1952	.8193	.5409	
.1318	-.2573	.8007	.5724	.6007	-.0110	.8413	.5028	
.2019	-.2783	.8037	.5673	.6755	.1146	.8597	.4696	
.2519	-.2573	.8021	.5700	.7173	.1717	.8680	.4541	
.3018	-.2631	.8024	.5695	.8507	.2764	.8835	.4242	
.4018	-.2650	.7996	.5741	.9010	.2805	.8839	.4235	
.4518	-.2892	.7995	.5743	.9509	.2413	.8779	.4352	
.5020	-.2904	.8002	.5731	1.0000	.0793	.8544	.4792	
.5270	-.2976	.7988	.5755					
.5520	-.2987	.7984	.5761					
.5770	-.3071	.7971	.5782					
.6020	-.3121	.7960	.5800					
.6270	-.3174	.7950	.5817					
.6519	-.3227	.7950	.5817					
.6770	-.3297	.7937	.5839					
.7020	-.3290	.7933	.5846					
.7516	-.3135	.7961	.5798					
.8017	-.2715	.8019	.5702					
.8519	-.2131	.8102	.5564					
.9012	-.1428	.8202	.5394					
.9518	-.0455	.8354	.5133					
1.0000	.0721	.8531	.4815					

TEST 118 RUN 25 POINT 15 GRIT ***ON***
 TT = 224.7 M.INF = .5020 RC*EQ6 = 2.69 ALPHA = 1.00
 CM = .2775 CM.25 = -.0900

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/PT	CD3			CP	P/PT	MLOC
0.0000	1.0065	.9913	-.1115	0.0000	1.0020	.9906	.1159	
.0075	-1.1537	.6693	.7794	.0100	.5384	.9215	.3435	
.0101	-1.1998	.6618	.7909	.0177	.3010	.8861	.4190	
.0164	-1.1961	.6633	.7885	.0526	-.1179	.8243	.5325	
.0200	-1.0906	.6783	.7655	.1023	-.2785	.7998	.5738	
.0265	-.9199	.7040	.7259	.1527	-.3240	.7993	.5845	
.0308	-.9761	.6952	.7395	.2020	-.3604	.7876	.5955	
.0364	-.8386	.7159	.7075	.2770	-.4040	.7825	.5922	
.0518	-.5520	.7589	.6401	.3757	-.3727	.7866	.5955	
.0769	-.4985	.7677	.6260	.4507	-.2948	.7979	.5770	
.1019	-.4421	.7754	.6137	.5257	-.1228	.8236	.5336	
.1318	-.3771	.7854	.5975	.6007	.0101	.8433	.4992	
.2019	-.3364	.7914	.5876	.6755	.1260	.8610	.4672	
.2519	-.3322	.7931	.5848	.7173	.1863	.8702	.4501	
.3018	-.3231	.7940	.5834	.8507	.2843	.8847	.4218	
.4018	-.3318	.7924	.5860	.9010	.2847	.8848	.4216	
.4519	-.3344	.7922	.5863	.9509	.2420	.8783	.4343	
.5020	-.3316	.7925	.5859	1.0000	.0899	.8547	.4787	
.5270	-.3491	.7912	.5880					
.5520	-.3360	.7928	.5854					
.5770	-.3447	.7917	.5872					
.6020	-.3474	.7914	.5877					
.6270	-.3318	.7904	.5892					
.6519	-.3432	.7910	.5884					
.6770	-.3222	.7904	.5893					
.7020	-.3533	.7897	.5903					
.7516	-.3304	.7932	.5847					
.8017	-.2861	.7997	.5740					
.8519	-.2229	.8088	.5587					
.9012	-.1486	.8202	.5395					
.9518	-.0484	.8354	.5133					
1.0000	.0719	.8532	.4815					

TABLE II.- Continued.

PT = 1.2000 TEST 110 RUN 25 POINT 16 GRIT ***GM ***
 CN = .3319 TT = 227.2 M-INF = .4982 RC*E06 = 2.65 ALPHA = 1.51
 CM.25 = -.0099

CD2 CD1 CD3 CD4 CD5
 .00965 .01044(.00079) .00938(-.00026) .00935(-.00029) .00383(-.00081)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00887 .00969(.00082) .00888(-.00020) .00880(-.00007) .00834(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9609	.9849	.1476	0.0000	.9562	.9842	.1511
.0075	-1.4265	.6335	.8344	.0100	.6284	.9359	.3899
.0101	-1.4262	.6332	.8348	.0177	.3910	.9008	.3899
.0164	-1.3987	.6378	.8277	.0526	-.0316	.8386	.5076
.0200	-1.2886	.6542	.8026	.1023	-.2186	.8114	.5544
.0263	-1.1324	.6767	.7679	.1527	-.2749	.8027	.5669
.0308	-1.1892	.6681	.7812	.2020	-.3187	.7969	.5785
.0364	-.8433	.7196	.7017	.2770	-.3662	.7895	.5908
.0518	-.6524	.7470	.6589	.3757	-.3455	.7928	.5953
.0769	-.2712	.7591	.6398	.4507	-.2717	.8029	.5886
.1019	-.2072	.7689	.6241	.5257	-.1084	.8270	.5276
.1518	-.4263	.7804	.6055	.6007	.0196	.8450	.4947
.2019	-.3771	.7883	.5926	.6755	.1361	.8639	.4618
.2519	-.3634	.7896	.5906	.7173	.1928	.8723	.4660
.3018	-.3539	.7916	.5874	.8507	.2900	.8866	.4180
.4018	-.3557	.7905	.5891	.9010	.2912	.8862	.4188
.4519	-.3568	.7904	.5893	.9508	.2470	.8886	.4298
.5020	-.3514	.7911	.5881	1.0000	.0730	.8560	.4764
.5270	-.3365	.7911	.5881				
.5520	-.3530	.7922	.5863				
.5770	-.3535	.7920	.5867				
.6020	-.3572	.7907	.5867				
.6270	-.3611	.7917	.5872				
.6519	-.3620	.7927	.5855				
.6770	-.3661	.7917	.5871				
.7020	-.3632	.7930	.5849				
.7516	-.3355	.7960	.5800				
.8017	-.2888	.8018	.5705				
.8519	-.2250	.8120	.5511				
.9012	-.1491	.8233	.5342				
.9518	-.0510	.8380	.5086				
1.0000	.0654	.8546	.4769				

PT = 1.2000 TEST 110 RUN 25 POINT 17 GRIT ***GM ***
 CN = .3383 TT = 226.9 M-INF = .4982 RC*E06 = 2.64 ALPHA = 1.75
 CM.25 = -.0901

CD2 CD1 CD3 CD4 CD5
 .00975 .01044(.00068) .00932(-.00024) .00947(-.00028) .00898(-.00077)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00901 .00969(.00056) .00888(-.00018) .00894(-.00007) .00831(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9290	.9802	.1691	0.0000	.9269	.9799	.1704
.0075	-1.5557	.6174	.8623	.0100	.6708	.9423	.2924
.0101	-1.5457	.6168	.8600	.0177	.4362	.9079	.3738
.0164	-1.4918	.6244	.8483	.0526	.0051	.8643	.4974
.0200	-1.3989	.6540	.8250	.1023	-.1859	.8160	.5466
.0263	-1.2207	.6646	.7866	.1527	-.2482	.8070	.5618
.0308	-1.3653	.6521	.8057	.2020	-.2974	.8005	.5726
.0364	-.8131	.7242	.6946	.2770	-.3487	.7925	.5858
.0518	-.6995	.7413	.6679	.3757	-.3316	.7951	.5815
.0769	-.6077	.7542	.6475	.4507	-.2594	.8058	.5638
.1019	-.5345	.7647	.6308	.5257	-.0985	.8288	.5247
.1518	-.4484	.7775	.6102	.6007	.0271	.8481	.4907
.2019	-.3971	.7859	.5966	.6755	.1444	.8653	.4596
.2519	-.3817	.7877	.5937	.7173	.1989	.8738	.4430
.3018	-.3670	.7896	.5902	.8507	.2944	.8875	.4162
.4018	-.3668	.7900	.5899	.9010	.2944	.8872	.4169
.4519	-.3648	.7896	.5906	.9508	.2488	.8804	.4302
.5020	-.3598	.7915	.5877	1.0000	.0726	.8550	.4781
.5270	-.3646	.7907	.5887				
.5520	-.3610	.7921	.5865				
.5770	-.3639	.7911	.5880				
.6020	-.3646	.7905	.5892				
.6270	-.3667	.7901	.5898				
.6519	-.3675	.7906	.5890				
.6770	-.3685	.7899	.5900				
.7020	-.3668	.7910	.5883				
.7516	-.3408	.7940	.5833				
.8017	-.2924	.8014	.5711				
.8519	-.2261	.8123	.5562				
.9012	-.1492	.8214	.5374				
.9518	-.0459	.8365	.5112				
1.0000	.0663	.8537	.4865				

GENERAL REPORT
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TABLE II.- Continued.

PT = 1.1980 TEST 118 RUN 25 POINT 18 GRIT ***DN***
 CN = .3843 TT = 227.0 M,INF = .4976 RC*E06 = 2.63 ALPHA = 2.00

CD2 CD1 CD3 CD4 CD5
 .01001 .01062(-.00062) .00977(-.00024) .00975(-.00026) .00926(-.00073)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00925 .00990(.00065) .00907(-.00017) .00921(-.00004) .00878(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9029	.9765	.1846	0.0000	.8984	.9757	.1878
.0075	-1.7009	.5932	.8967	.0100	.7074	.9478	.2777
.0101	-1.6571	.6021	.8828	.0177	.4754	.9139	.3606
.0164	-1.6093	.6089	.8723	.0526	.0424	.9504	.4866
.0200	-1.4729	.6261	.8458	.1023	-.1575	.8209	.5383
.0265	-1.2640	.6586	.7958	.1527	-.22.5	.8115	.5543
.0308	-1.4300	.6353	.8315	.2020	-.1748	.8039	.5669
.0364	-.8088	.7261	.6916	.2770	-.3301	.7953	.5812
.0518	-.7432	.7356	.6769	.3757	-.3170	.7673	.5779
.0769	-.6444	.7497	.6546	.4507	-.2481	.8075	.5609
.1019	-.5658	.7610	.6367	.5257	-.0905	.8312	.9206
.1518	-.4720	.7751	.6141	.6007	.0278	.8487	.4896
.2019	-.4143	.7895	.6006	.6755	.1493	.8663	.4573
.2519	-.3974	.7894	.5975	.7173	.2013	.8738	.4429
.3018	-.3812	.7879	.5934	.8507	.2973	.8884	.4144
.4018	-.3787	.7884	.5926	.9010	.2968	.8880	.4153
.4519	-.3770	.7892	.5912	.9508	.2507	.8310	.4290
.5020	-.3691	.7907	.5889	1.0000	.0719	.8552	.4778
.5270	-.3718	.7900	.5899				
.5520	-.3689	.7904	.5893				
.5770	-.3723	.7909	.5885				
.6020	-.3732	.7901	.5898				
.6270	-.3740	.7896	.5906				
.6519	-.3741	.7900	.5899				
.6770	-.3747	.7887	.5920				
.7020	-.3715	.7903	.5894				
.7516	-.3453	.7943	.5829				
.8017	-.2955	.8016	.5707				
.8519	-.2283	.8111	.5549				
.9012	-.1495	.8223	.5359				
.9518	-.0470	.8375	.5095				
1.0000	.0661	.8535	.4809				

PT = 1.1976 TEST 118 RUN 25 POINT 19 GRIT ***DN***
 CN = .4099 TT = 227.1 M,INF = .4075 RC*E06 = 2.63 ALPHA = 2.23

CD2 CD1 CD3 CD4 CD5
 .01016 .01075(.00059) .00993(-.00023) .00987(-.00029) .00936(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00940 .01002(.00062) .00924(-.00016) .00932(-.00008) .00887(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8686	.9715	.2037	0.0000	.8657	.9711	.2051
.0075	-1.8482	.5737	.9272	.0100	.7490	.9535	.2617
.0101	-1.7791	.5844	.9105	.0177	.5163	.9201	.3468
.0164	-1.7073	.5940	.8955	.0526	.0785	.8556	.4770
.0200	-1.6151	.6073	.8748	.1023	-.1275	.8255	.5304
.0265	-1.2914	.6557	.8003	.1527	-.2062	.8152	.5480
.0308	-1.5685	.6152	.8626	.2020	-.2551	.8073	.5613
.0364	-.8418	.7207	.7001	.2770	-.3142	.7986	.5758
.0518	-.7909	.7291	.6870	.3757	-.3039	.7997	.5740
.0769	-.6782	.7447	.6625	.4507	-.2359	.8099	.5569
.1019	-.5953	.7569	.6432	.5257	-.0820	.8322	.5188
.1518	-.4957	.7719	.5193	.6007	.0382	.8503	.4866
.2019	-.4346	.7810	.6045	.6755	.1539	.8669	.4582
.2519	-.4152	.7838	.6000	.7173	.2049	.8744	.4419
.3018	-.3959	.7862	.5962	.8507	.2984	.8880	.4153
.4018	-.3891	.7875	.5941	.9010	.2984	.8882	.4148
.4519	-.3853	.7878	.5936	.9508	.2524	.8312	.4267
.5020	-.3778	.7896	.5906	1.0000	.0706	.8547	.4786
.5270	-.3772	.7891	.5914				
.5520	-.3758	.7894	.5910				
.5770	-.3764	.7891	.5913				
.6020	-.3789	.7892	.5912				
.6270	-.3785	.7888	.5919				
.6519	-.3785	.7890	.5915				
.6770	-.3793	.7885	.5924				
.7020	-.3742	.7895	.5907				
.7516	-.3476	.7937	.5838				
.8017	-.2963	.8006	.5725				
.8519	-.2282	.8103	.5562				
.9012	-.1489	.8219	.5366				
.9518	-.0459	.8380	.5086				
1.0000	.0638	.8534	.4810				

TABLE II.- Continued.

TEST 118 RUN 25 POINT 20 GRIT ***DN ***
 PT = 1.1995 TT = 227.2 M,INF = .4970 RC*E06 = 2.63 ALPHA = 2.51
 CM = .4375 CM.25 = -.0896

CD2 CD1 CD3 CD4 CD5
 .01040 .01099(.00060) .01016(-.00023) .01007(-.00032) .00957(-.00032)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00967 .01030(.00063) .00948(-.00019) .00954(-.00013) .00911(-.00056)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8352	.9666	.2206	0.0000	.8298	.9658	.2233
.0075	-2.0032	.5511	.9630	.0100	.7808	.9585	.2466
.0101	-1.9106	.5646	.9415	.0177	.5564	.9259	.3334
.0164	-1.8316	.5764	.9230	.0526	.1151	.8611	.4670
.0200	-1.7491	.5874	.9058	.1023	-.0980	.8299	.5278
.0265	-1.3296	.6490	.8105	.1527	-.1747	.8183	.5427
.0308	-1.7162	.5931	.8969	.2020	-.2322	.8100	.5568
.0364	-.4908	.7119	.7138	.2770	-.2943	.8006	.5724
.0518	-.8359	.7222	.6977	.3757	-.2698	.8013	.5712
.0769	-.7176	.7391	.6713	.4507	-.2245	.8115	.5543
.1019	-.6272	.7524	.6504	.5257	-.0729	.8337	.5162
.1518	-.5185	.7679	.6258	.6007	.6007	.8512	.4851
.2019	-.4532	.7775	.6102	.6755	.1577	.8676	.4548
.2519	-.4301	.7807	.6051	.7173	.2096	.8750	.4407
.3018	-.4102	.7837	.6002	.8507	.3015	.8883	.4146
.4018	-.4014	.7856	.5972	.9016	.3009	.8884	.4145
.4519	-.3955	.7865	.5957	.9308	.2533	.8819	.4272
.5020	-.3862	.7880	.5931	1.0000	.0667	.8557	.4769
.5270	-.3884	.7877	.5936				
.5520	-.3831	.7882	.5928				
.5770	-.3835	.7879	.5934				
.6020	-.3845	.7880	.5932				
.6270	-.3872	.7886	.5923				
.6519	-.3841	.7899	.5901				
.6770	-.3845	.7890	.5916				
.7020	-.3786	.7899	.5902				
.7516	-.3503	.7941	.5833				
.8017	-.2982	.8015	.5709				
.8519	-.2294	.8115	.5542				
.9012	-.1490	.8229	.5349				
.9518	-.0457	.8383	.5080				
1.0000	.0627	.8542	.4797				

TEST 118 RUN 25 POINT 21 GRIT ***DN ***
 PT = 1.2039 TT = 227.4 M,INF = .4994 RC*E06 = 2.65 ALPHA = 3.00
 CM = .4887 CM.25 = -.0888

CD2 CD1 CD3 CD4 CD5
 .01105 .01155(.00050) .01087(-.00017) .01069(-.00036) .01016(-.00089)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .01028 .01082(.00054) .01017(-.00011) .01014(-.00014) .00986(-.00063)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.7561	.9553	.2562	0.0000	.7544	.9551	.2569
.0075	-2.3056	.5094	1.0306	.0100	.8418	.9678	.2167
.0101	-2.1364	.5340	.9905	.0177	.6265	.9337	.3094
.0164	-2.0671	.5444	.9738	.0526	.1817	.8697	.4508
.0200	-2.0018	.5514	.9626	.1023	-.0445	.8363	.5116
.0265	-1.4258	.6374	.8283	.1527	-.1298	.8242	.5327
.0308	-2.0152	.5517	.9622	.2020	-.1929	.8148	.5487
.0364	-1.0146	.6959	.7385	.2770	-.2635	.8042	.5665
.0518	-.9265	.7073	.7209	.3757	-.2644	.8039	.5669
.0769	-.7894	.7263	.6913	.4507	-.2038	.8128	.5521
.1019	-.6905	.7410	.6664	.5257	-.0600	.8346	.5145
.1518	-.5683	.7596	.6390	.6007	.6007	.8519	.4838
.2019	-.4926	.7706	.6214	.6755	.1666	.8678	.4545
.2519	-.4664	.7743	.6155	.7173	.2158	.8741	.4416
.3018	-.4392	.7781	.6093	.8507	.3056	.8880	.4152
.4018	-.4255	.7800	.6062	.9010	.3039	.8880	.4153
.4519	-.4186	.7818	.6032	.9508	.2530	.8809	.4202
.5020	-.4044	.7843	.5992	1.0000	.0655	.8527	.4823
.5270	-.4035	.7838	.6001				
.5520	-.3997	.7835	.6005				
.5770	-.3986	.7840	.5997				
.6020	-.3965	.7847	.5986				
.6270	-.3980	.7853	.5976				
.6519	-.3944	.7849	.5982				
.6770	-.3938	.7851	.5979				
.7020	-.3866	.7869	.5950				
.7516	-.3563	.7918	.5870				
.8017	-.3028	.7998	.5737				
.8519	-.2304	.8094	.5577				
.9012	-.1497	.8203	.5392				
.9518	-.0448	.8359	.5124				
1.0000	.0589	.8518	.4839				

TABLE II.- Continued.

PT = 1.2047 TEST 118 RUN 25 POINT 22 GRIT ***DN ***
 CN = .5424 TT = 224.8 M,INF = .5034 RC*E06 = 2.71 ALPHA = 3.51

CD2 CD1 CD3 CD4 CD5
 .01226 .01272(.00045) .01214(-.00012) .01188(-.00038) .01148(-.00078)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01152 .01198(.00047) .01144(-.00008) .01136(-.00016) .01101(-.00051)

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC		
0.0000	.6769	.9423	.2924	0.0000	.6720	.9416	.2943		
.0075	-2.5819	.4975	1.1186	.0100	.8944	.9747	.1916		
.0101	-2.3921	.4851	1.0712	.0177	.6888	.9441	.2878		
.0164	-2.3752	.4882	1.0661	.0526	.2458	.8780	.4349		
.0200	-2.3594	.4913	1.0608	.1023	.0120	.8437	.4985		
.0265	-1.6196	.6010	.8946	.1527	-.0836	.8292	.5240		
.0308	-2.3766	.4874	1.0673	.2020	-.1537	.8181	.5431		
.0364	-1.2022	.6632	.7887	.2770	-.2290	.8072	.5615		
.0518	-1.0128	.6908	.7463	.3757	-.2402	.8051	.5649		
.0769	-.8602	.7133	.7115	.4507	-.1617	.8141	.5498		
.1019	-.7920	.7302	.6852	.5257	-.0440	.8345	.5148		
.1518	-.6160	.7500	.6542	.6007	.0682	.8313	.4848		
.2019	-.5330	.7615	.6360	.6755	.1755	.8671	.4556		
.2519	-.4984	.7670	.6271	.7173	.2246	.8745	.4417		
.3018	-.4646	.7709	.6209	.8507	.3110	.8873	.4166		
.4018	-.4474	.7745	.6151	.9010	.3085	.8871	.4171		
.4519	-.4354	.7760	.6126	.9508	.2970	.8794	.4322		
.5020	-.4209	.7784	.6089	1.0000	.0624	.8905	.4864		
.5270	-.4196	.7784	.6090						
.5520	-.4138	.7792	.6076						
.5770	-.4115	.7793	.6073						
.6020	-.4105	.7797	.6066						
.6270	-.4092	.7799	.6064						
.6519	-.4055	.7807	.6051						
.6770	-.4034	.7807	.6050						
.7020	-.3951	.7821	.6029						
.7516	-.3605	.7866	.5955						
.8017	-.3044	.7954	.5811						
.8519	-.2307	.8066	.5625						
.9012	-.1469	.8190	.5416						
.9518	-.0444	.8344	.5149						
1.0000	.0557	.8493	.4885						

PT = 1.1998 TEST 118 RUN 26 POINT 23 GRIT ***DN ***
 CN = .5934 TT = 224.6 M,INF = .5024 RC*E06 = 2.70 ALPHA = 4.01

CD2 CD1 CD3 CD4 CD5
 .01413 .01445(.00022) .01403(-.00010) .01382(-.00031) .01352(-.00061)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01336 .01372(.00036) .01331(-.00004) .01307(-.00029) .01302(-.00033)

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC		
0.0000	.5938	.7998	.3240	0.0000	.5943	.9298	.3240		
.0075	-2.8219	.4280	1.1857	.0100	.9376	.9812	.1649		
.0101	-2.5314	.4671	1.1020	.0177	.7427	.9522	.2653		
.0164	-2.5824	.4563	1.1208	.0526	.3037	.8868	.4176		
.0200	-2.5728	.4570	1.1195	.1023	.0596	.8507	.4860		
.0265	-2.0701	.5350	.9889	.1527	-.0431	.8357	.5126		
.0308	-2.6236	.4534	1.1258	.2020	-.1173	.8243	.5324		
.0364	-1.5689	.6068	.8755	.2770	-.2000	.8116	.5540		
.0518	-1.1183	.6758	.7694	.3757	-.2182	.8087	.5589		
.0769	-.9319	.7030	.7274	.4507	-.1623	.8167	.5454		
.1019	-.8110	.7213	.6991	.5257	-.0317	.8366	.5111		
.1518	-.6638	.7437	.6642	.6007	.0756	.8527	.4823		
.2019	-.5722	.7567	.6436	.6755	.1807	.8686	.4529		
.2519	-.5332	.7620	.6351	.7173	.2283	.8756	.4396		
.3018	-.4996	.7667	.6276	.8507	.3125	.8884	.4165		
.4018	-.4673	.7711	.6205	.9010	.3069	.8874	.4165		
.4519	-.4556	.7734	.6169	.9508	.2957	.8798	.4313		
.5020	-.4378	.7763	.6122	1.0000	.0951	.8900	.4872		
.5270	-.4362	.7769	.6112						
.5520	-.4292	.7778	.6098						
.5770	-.4271	.7786	.6085						
.6020	-.4225	.7789	.6080						
.6270	-.4205	.7793	.6074						
.6519	-.4147	.7802	.6059						
.6770	-.4131	.7807	.6050						
.7020	-.4015	.7823	.6024						
.7516	-.3646	.7869	.5949						
.8017	-.3086	.7959	.5803						
.8519	-.2330	.8071	.5615						
.9012	-.1492	.8193	.5409						
.9518	-.0476	.8342	.5153						
1.0000	.0483	.8492	.4887						

TABLE II - Continued

TABLE II. - Continued.

PT = 1.1982 TT = 224.7 RUN = 26 POINT = 24 GRIT ***ON***
 CN = .6746 CH.25 = -.0783 M, INF = .4979 RC*E06 = 2.67 ALPHA = 5.01

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.4799	.9144	.3595	0.0000	.4709	.9713	.3621
.0075	-2.6923	.4504	1.1311	.0100	.9901	.9728	.1240
.0101	-2.3005	.5063	1.0357	.0177	.8170	.9637	.2302
.0164	-2.5340	.4726	1.0925	.0226	.3897	.9010	.3887
.0200	-2.4206	.4897	1.0634	.1023	.1373	.8644	.4609
.0265	-2.2036	.5221	1.0098	.1527	.0222	.3465	.4936
.0308	-2.3602	.4976	1.0503	.2020	-.0593	.8346	.5145
.0364	-2.0852	.5389	.9827	.2770	-.1503	.8208	.5385
.0518	-1.7733	.5829	.9128	.3757	-.1805	.8172	.5445
.0769	-1.3730	.6419	.8214	.4507	-.1326	.8240	.5329
.1019	-1.0756	.6867	.7526	.5257	-.0143	.8417	.5021
.1518	-.7743	.7291	.6870	.6007	.0904	.8574	.4737
.2019	-.6433	.7487	.6563	.6755	.1907	.8720	.4465
.2519	-.5837	.7368	.6434	.7173	.2358	.8785	.4339
.3018	-.5406	.7368	.6314	.8507	.3141	.8900	.4112
.4018	-.4925	.7643	.6206	.9010	.3086	.8897	.4112
.4519	-.4740	.7711	.6157	.9508	.2500	.8906	.4299
.5026	-.4530	.7778	.6098	1.0000	.0342	.8492	.4686
.5270	-.4462	.7786	.6085				
.5520	-.4369	.7798	.6065				
.5770	-.4303	.7807	.6050				
.6020	-.4247	.7825	.6022				
.6270	-.4175	.7826	.6021				
.6519	-.4088	.7843	.5992				
.6770	-.4013	.7851	.5979				
.7020	-.3884	.7870	.5948				
.7516	-.3497	.7931	.5848				
.8017	-.2910	.8016	.5708				
.8519	-.2169	.8122	.5530				
.9012	-.1425	.8234	.5341				
.9518	-.0521	.8370	.5103				
1.0000	.0275	.8460	.4908				

PT = 1.1974 TT = 225.0 RUN = 26 POINT = 25 GRIT ***ON***
 CN = .7449 CH.25 = -.0709 M, INF = .4921 RC*E06 = 2.64 ALPHA = 6.01

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.3722	.9004	.3899	0.0000	.3638	.8991	.3925
.0075	-2.6336	.4661	1.1036	.0100	1.0207	.9940	.0925
.0101	-2.3867	.5022	1.0427	.0177	.8765	.9733	.1969
.0164	-2.5657	.4763	1.0862	.0526	.4608	.9132	.3624
.0200	-2.4853	.4882	1.0660	.1023	.2025	.8765	.4378
.0265	-2.2343	.5250	1.0091	.1527	.0803	.8587	.4714
.0308	-2.3298	.5089	1.0315	.2020	-.0088	.8463	.4939
.0364	-2.1229	.5405	.9800	.2770	-.1067	.8517	.5197
.0518	-1.8863	.5756	.9242	.3757	-.1473	.8254	.5306
.0769	-1.6209	.6127	.8665	.4507	-.1064	.8216	.5198
.1019	-1.3689	.6507	.8080	.5257	-.0096	.8455	.4932
.1518	-1.0055	.7024	.7284	.6007	.1011	.8611	.4670
.2019	-.8075	.7316	.6831	.6755	.1950	.8746	.4415
.2519	-.6891	.7484	.6567	.7173	.2398	.8812	.4287
.3018	-.6035	.7595	.6391	.8507	.3106	.8916	.4080
.4018	-.5148	.7727	.6180	.9010	.3028	.8909	.4094
.4519	-.4861	.7768	.6113	.9508	.2382	.8813	.4285
.5020	-.4550	.7807	.6051	1.0000	.0002	.8478	.4912
.5270	-.4466	.7818	.6032				
.5520	-.4331	.7840	.5997				
.5770	-.4253	.7855	.5973				
.6020	-.4131	.7877	.5937				
.6270	-.4053	.7886	.5922				
.6519	-.3943	.7912	.5879				
.6770	-.3827	.7922	.5863				
.7020	-.3672	.7945	.5825				
.7516	-.3261	.8009	.5719				
.8017	-.2698	.8092	.5581				
.8519	-.2051	.8184	.5425				
.9012	-.1368	.8279	.5262				
.9518	-.0647	.8390	.5068				
1.0000	-.0057	.8464	.4936				

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TABLE II.- Continued.

TEST 118 RUN 26 POINT 26 GRIT ***ON ***
 PT = 1.2013 TT = 225.1 M, INF = .5003 RC*E06 = 2.68 ALPHA = 6.02
 CN = .7481 CM, 25 = -.0704

CD2 CD1 CD3 CD4 CD5
 .03936 .03986(.00030) .03933(-.00023)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .03655 .03892(.00037) .03831(-.00024)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.3878	.8998	.3910	0.0000	.3801	.8988	.3933
.0075	-2.6105	.4561	1.1210	.0100	1.0236	.9940	.0925
.0101	-2.3573	.4945	1.0554	.0177	.8776	.9724	.2001
.0164	-2.5438	.4657	1.1044	.0526	.4618	.9112	.3668
.0200	-2.4695	.4754	1.0877	.1023	.2034	.8734	.4438
.0265	-2.2357	.5124	1.0257	.1527	.0804	.8545	.4790
.0308	-2.3470	.4961	1.0927	.2020	-.0082	.8414	.5026
.0364	-2.1223	.5269	1.0019	.2770	-.1071	.8265	.5287
.0518	-1.8900	.5634	.9435	.3757	-.1480	.8200	.5397
.0769	-1.6400	.6010	.8846	.4507	-.1103	.8260	.5295
.1019	-1.3884	.6392	.8237	.5237	-.0069	.8410	.5033
.1518	-1.0255	.6910	.7460	.6007	.0995	.8567	.4751
.2019	-.8176	.7217	.6985	.6755	.1945	.8711	.4481
.2519	-.6947	.7394	.6708	.7173	.2388	.8773	.4362
.3018	-.6086	.7517	.6515	.8507	.3115	.8881	.4150
.4018	-.5204	.7653	.6300	.9010	.3014	.8865	.4181
.4514	-.4861	.7699	.6225	.9508	.2386	.8773	.4303
.5020	-.4577	.7739	.6151	1.0000	-.0014	.8420	.5020
.5270	-.4497	.7757	.6132				
.5520	-.4338	.7774	.6104				
.5770	-.4246	.7787	.6083				
.6020	-.4134	.7803	.6058				
.6270	-.4023	.7820	.6029				
.6519	-.3934	.7839	.5999				
.6770	-.3794	.7852	.5978				
.7020	-.3674	.7878	.5934				
.7516	-.3248	.7943	.5829				
.8017	-.2690	.8033	.5679				
.8519	-.2035	.8137	.5506				
.9012	-.1465	.8240	.5330				
.9518	-.0632	.8335	.5165				
1.0000	-.0097	.8408	.5037				

TEST 118 RUN 27 POINT 1 GRIT ***ON ***
 PT = 1.1985 TT = 225.7 M, INF = .5992 RC*E06 = 3.06 ALPHA = -.01
 CN = .1655 CM, 25 = -.0952

CD2 CD1 CD3 CD4 CD5
 .00877 .00972(.00095) .00849(-.00028) .00864(-.00013) .00831(-.00046)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00809 .00906(.00098) .00788(-.00021) .00815(.00007) .00787(-.00021)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.4882	.9990	.0385	0.0000	1.0882	.9990	.0380
.0075	-.6376	.6574	.7975	.0100	.3421	.8515	.4846
.0101	-.7534	.6350	.8320	.0177	.0959	.8033	.5679
.0164	-.8461	.6159	.8614	.0526	-.2978	.7256	.6925
.0200	-.7939	.6268	.8447	.1023	-.4558	.6954	.7392
.0265	-.6082	.6635	.7882	.1527	-.4779	.6906	.7467
.0308	-.6795	.6500	.8090	.2020	-.5037	.6850	.7353
.0364	-.5619	.6727	.7742	.2770	-.5339	.6792	.7642
.0518	-.4499	.6957	.7388	.3757	-.4804	.6897	.7480
.0769	-.3653	.7122	.7132	.4507	-.3528	.7150	.7089
.1019	-.3306	.7200	.7011	.5237	-.1742	.7499	.6543
.1518	-.2951	.7266	.6909	.6007	-.0200	.7794	.6071
.2019	-.2708	.7309	.6841	.6755	.1164	.8075	.5610
.2519	-.2768	.7299	.6858	.7173	.1766	.8186	.5423
.3018	-.2789	.7294	.6865	.8507	.2872	.8411	.5032
.4018	-.3037	.7247	.6938	.9010	.2940	.8426	.5006
.4514	-.3134	.7225	.6973	.9508	.2346	.8346	.5146
.5020	-.3151	.7212	.6992	1.0000	.0868	.8012	.5714
.5270	-.3235	.7207	.7000				
.5520	-.3236	.7196	.7018				
.5770	-.3316	.7190	.7027				
.6020	-.3343	.7187	.7031				
.6270	-.3412	.7173	.7054				
.6519	-.3472	.7155	.7081				
.6770	-.3546	.7140	.7105				
.7020	-.3533	.7145	.7097				
.7516	-.3356	.7178	.7046				
.8017	-.2907	.7274	.6896				
.8519	-.2256	.7397	.6704				
.9012	-.1496	.7552	.6460				
.9518	-.0436	.7753	.6138				
1.0000	.0789	.7996	.5741				

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TABLE II.- Continued.

PT = 1.1960 TEST 118 RUN 27 POINT 2 GRIT ***OH ***
 CH = .2883 TT = 225.6 M,INF = .5994 RC*E06 = 3.05 ALPHA = .99

CD2 CD1 CD3 CD4 CD5
 .00934 .01017(-.00082) .00905(-.00030) .00911(-.00024) .00884(-.00051)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00867 .00951(.00085) .00844(-.00022) .00861(-.00006) .00839(-.00027)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0473	.9909	.1143	0.0000	1.0430	.9900	.1198
.0075	-1.1192	.5615	.9465	.0100	.5540	.8932	.4048
.0101	-1.1829	.5495	.9656	.0177	.3104	.8460	.4944
.0164	-1.3006	.5263	1.0030	.0526	-.1121	.7633	.6362
.0200	-1.1866	.5489	.9666	.1023	-.3056	.7237	.6994
.0265	-1.0461	.5763	.9232	.1927	-.3560	.7152	.7211
.0308	-1.0814	.5696	.9387	.2020	-.4009	.7036	.7241
.0364	-.9396	.5977	.8897	.2770	-.4489	.6954	.7393
.0518	-.5746	.6718	.7755	.3757	-.4164	.7021	.7289
.0769	-.5248	.6796	.7635	.4507	-.3225	.7209	.6998
.1019	-.4718	.6909	.7461	.5257	-.1395	.7371	.6429
.1518	-.4016	.7046	.7250	.6007	.0056	.7856	.5971
.2019	-.3599	.7133	.7116	.6755	.1364	.8113	.5366
.2519	-.3539	.7141	.7103	.7173	.1536	.8224	.5357
.3018	-.3471	.7158	.7077	.8507	.2983	.8428	.5001
.4018	-.3581	.7138	.7107	.9010	.3018	.8438	.4984
.4519	-.3618	.7133	.7116	.9508	.2586	.8349	.5140
.5020	-.3576	.7146	.7105	1.0000	.0024	.8001	.5733
.5270	-.3626	.7128	.7123				
.5520	-.3632	.7125	.7128				
.5770	-.3675	.7111	.7149				
.6020	-.3707	.7110	.7151				
.6270	-.3732	.7100	.7167				
.6519	-.3764	.7093	.7177				
.6770	-.3812	.7083	.7193				
.7020	-.3785	.7093	.7178				
.7516	-.3535	.7139	.7105				
.8017	-.3016	.7246	.6941				
.8519	-.2324	.7381	.6729				
.9012	-.1506	.7540	.6479				
.9518	-.0453	.7752	.6140				
1.0000	.0739	.7983	.5762				

PT = 1.1962 TEST 118 RUN 27 POINT 3 GRIT ***OH ***
 CH = .3429 TT = 225.5 M,INF = .5991 RC*E06 = 3.05 ALPHA = 1.50

CD2 CD1 CD3 CD4 CD5
 .00968 .01050(-.00082) .00944(-.00025) .00944(-.00024) .00915(-.00053)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00900 .00984(.00084) .00862(-.00018) .00895(-.00005) .00872(-.00028)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0108	.9840	.1521	0.0000	1.0082	.9834	.1549
.0075	-1.3492	.5192	1.0146	.0100	.6361	.9100	.3693
.0101	-1.3833	.5129	1.0249	.0177	.3956	.8635	.4625
.0164	-1.4961	.4912	1.0609	.0526	-.0363	.7778	.6098
.0200	-1.3946	.5115	1.0272	.1023	-.2452	.7269	.6748
.0265	-1.3336	.5218	1.0104	.1527	-.3062	.7349	.6941
.0308	-1.3269	.5240	1.0067	.2020	-.3376	.7148	.7093
.0364	-1.1087	.5677	.9367	.2770	-.4108	.7036	.7265
.0518	-.6537	.6578	.7970	.3757	-.3879	.7089	.7183
.0769	-.5997	.6669	.7830	.4507	-.3004	.7253	.6925
.1019	-.5339	.6801	.7627	.5257	-.1225	.7602	.6381
.1518	-.4503	.6962	.7380	.6007	.0157	.7677	.5937
.2019	-.3997	.7065	.7221	.6755	.1442	.8128	.5520
.2519	-.3867	.7084	.7192	.7173	.2010	.8242	.5326
.3018	-.3759	.7113	.7146	.8507	.3029	.8440	.4980
.4018	-.3802	.7098	.7169	.9010	.3044	.8446	.4968
.4519	-.3807	.7092	.7179	.9508	.2584	.8355	.5130
.5020	-.3780	.7101	.7164	1.0000	.0794	.7999	.5736
.5270	-.3801	.7094	.7177				
.5520	-.3803	.7096	.7172				
.5770	-.3830	.7086	.7188				
.6020	-.3851	.7088	.7185				
.6270	-.3883	.7080	.7197				
.6519	-.3879	.7076	.7203				
.6770	-.3908	.7075	.7206				
.7020	-.3861	.7078	.7201				
.7516	-.3598	.7126	.7126				
.8017	-.3065	.7228	.6968				
.8519	-.2358	.7374	.6740				
.9012	-.1530	.7534	.6488				
.9518	-.0434	.7747	.6149				
1.0000	.0717	.7987	.5737				

TABLE II.- Continued.

TEST 118 RUN 27 POINT 4 GRIT ***DN ***
 PT = 1.1963 TT = 225.3 M, INF = .5990 RC*E06 = 3.03 ALPHA = 1.76
 CN = .3747 CM.25 = -.0933

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9923	.9800	.1701	0.0000	.9865	.9789	.1746
.0075	-1.4629	.4950	1.0346	.0100	.6818	.9186	.3301
.0101	-1.4841	.4888	1.0651	.0177	.4395	.8707	.4489
.0164	-1.6326	.4603	1.1137	.0526	.0034	.7849	.5983
.0200	-1.5647	.4729	1.0919	.1023	-.2071	.7424	.6061
.0265	-1.5222	.4827	1.0752	.1527	-.2754	.7297	.6860
.0308	-1.5124	.4832	1.0745	.2020	-.3293	.7191	.7029
.0364	-1.1594	.5533	.9595	.2770	-.3863	.7066	.7219
.0518	-.7039	.6447	.8171	.3757	-.3704	.7102	.7163
.0769	-.6402	.6578	.7970	.4507	-.2872	.7269	.6904
.1019	-.5674	.6711	.7766	.5257	-.1124	.7614	.6360
.1518	-.4784	.6896	.7481	.6007	.0182	.7872	.5944
.2019	-.4220	.7008	.7308	.6753	.1302	.8139	.5501
.2519	-.4068	.7029	.7276	.7173	.2064	.8249	.5314
.3018	-.3932	.7057	.7233	.8507	.3066	.8447	.4968
.4018	-.3951	.7056	.7235	.9010	.3077	.8447	.4967
.4519	-.3934	.7058	.7231	.9508	.2606	.8355	.5130
.5020	-.3871	.7070	.7213	1.0000	.0757	.7992	.5748
.5270	-.3913	.7071	.7212				
.5520	-.3882	.7074	.7206				
.5770	-.3906	.7070	.7213				
.6020	-.3918	.7065	.7221				
.6270	-.3938	.7062	.7226				
.6519	-.3956	.7061	.7227				
.6770	-.3972	.7057	.7233				
.7020	-.3918	.7081	.7197				
.7516	-.3630	.7137	.7110				
.8017	-.3083	.7243	.6944				
.8519	-.2346	.7397	.6703				
.9012	-.1508	.7548	.6465				
.9518	-.0423	.7767	.6115				
1.0000	.0685	.7977	.5773				

TEST 118 RUN 27 POINT 9 GRIT ***DN ***
 PT = 1.1985 TT = 224.9 M, INF = .5980 RC*E06 = 3.07 ALPHA = 2.00
 CN = .4010 CM.25 = -.0928

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9682	.9757	.1878	0.0000	.9633	.9744	.1927
.0075	-1.5571	.4770	1.0850	.0100	.7146	.9256	.3339
.0101	-1.5775	.4747	1.0890	.0177	.4779	.8792	.4325
.0164	-1.7422	.4440	1.1424	.0526	.0388	.7918	.5870
.0200	-1.6765	.4557	1.1219	.1023	-.1788	.7494	.6551
.0265	-1.6613	.4582	1.1174	.1527	-.2523	.7251	.6777
.0308	-1.6544	.4595	1.1151	.2020	-.3082	.7237	.6777
.0364	-1.2819	.5332	.9917	.2770	-.3718	.7114	.6955
.0518	-.7335	.6411	.8226	.3757	-.3573	.7137	.7109
.0769	-.6686	.6521	.8057	.4507	-.2779	.7308	.6843
.1019	-.5965	.6671	.7828	.5257	-.1051	.7636	.6327
.1518	-.5012	.6860	.7536	.6007	.0294	.7918	.5869
.2019	-.4409	.6975	.7360	.6753	.1542	.8157	.5471
.2519	-.4247	.7010	.7305	.7173	.2092	.8271	.5276
.3018	-.4078	.7038	.7263	.8507	.3078	.8468	.4929
.4018	-.4079	.7053	.7240	.9010	.3092	.8474	.4919
.4519	-.4038	.7046	.7250	.9508	.2611	.8370	.5103
.5020	-.3964	.7084	.7191	1.0000	.0726	.7996	.5740
.5270	-.3976	.7073	.7208				
.5520	-.3957	.7087	.7187				
.5770	-.3977	.7090	.7182				
.6020	-.3987	.7093	.7178				
.6270	-.3999	.7074	.7207				
.6519	-.4011	.7066	.7219				
.6770	-.4002	.7079	.7200				
.7020	-.3961	.7091	.7181				
.7516	-.3656	.7145	.7097				
.8017	-.3089	.7248	.6936				
.8519	-.2358	.7396	.6706				
.9012	-.1500	.7562	.6444				
.9518	-.0419	.7763	.6122				
1.0000	.0668	.7994	.5745				

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TABLE II.- Continued.

TEST 118 RUN 27 POINT 6 GRIT ***OM ***
 PT = 1.2003 TT = 225.3 M,INF = .9993 RC*E06 = 3.07 ALPHA = 2.24
 CM = .4243 CM.25 = -.0918
 CD2 CD1 CD3 CD4 CD5
 .01086 .01148(.00061) .01065(-.00022) .01061(-.00025) .01028(-.00058)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01022 .01083(.00061) .01003(-.00019) .01010(-.00011) .00983(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9953	.9728	.1986	0.0000	.9421	.9701	.2084
.0075	-1.6447	.4588	1.1164	.0100	.7441	.9312	.3206
.0101	-1.6464	.4590	1.1161	.0177	.5085	.8847	.4218
.0164	-1.8226	.4246	1.1773	.0526	.0676	.7983	.5762
.0200	-1.7782	.4310	1.1656	.1023	-.1520	.7539	.6480
.0265	-1.7916	.4310	1.1656	.1527	-.2301	.7389	.6717
.0308	-1.7712	.4343	1.1598	.2020	-.2490	.7275	.6896
.0364	-1.5312	.4800	1.0800	.2770	-.2562	.7136	.7111
.0518	-.7549	.8354	.8314	.3757	-.3456	.7162	.7071
.0769	-.6976	.6478	.8124	.4507	-.2475	.7136	.6828
.1019	-.6186	.6617	.7910	.5257	-.0987	.7647	.6308
.1518	-.5208	.6815	.7605	.6007	.0346	.7905	.5892
.2019	-.4564	.6944	.7407	.6755	.1572	.8152	.5480
.2519	-.4383	.6974	.7362	.7173	.2127	.8266	.5286
.3018	-.4201	.7015	.7298	.8507	.3100	.8455	.4953
.4018	-.4158	.7025	.7283	.9010	.3108	.8459	.4946
.4519	-.4119	.7028	.7277	.9508	.2605	.8355	.5130
.5020	-.4021	.7040	.7260	1.0000	.0718	.7989	.5753
.5270	-.4061	.7040	.7260				
.5520	-.4016	.7055	.7236				
.5770	-.4018	.7051	.7243				
.6020	-.4033	.7052	.7241				
.6270	-.4050	.7040	.7259				
.6519	-.4041	.7051	.7242				
.6770	-.4034	.7037	.7264				
.7020	-.3970	.7062	.7226				
.7516	-.3666	.7124	.7129				
.8017	-.3094	.7259	.6951				
.8519	-.2342	.7394	.6709				
.9012	-.1486	.7559	.6448				
.9518	-.0400	.7762	.6123				
1.0000	.0642	.7962	.5797				

TEST 118 RUN 27 POINT 7 GRIT ***GM ***
 PT = 1.1982 TT = 225.3 M,INF = .9986 RC*E06 = 3.06 ALPHA = 2.50
 CM = .4554 CM.25 = -.0912
 CD2 CD1 CD3 CD4 CD5
 .01150 .01217(.00060) .01133(-.00024) .01126(-.00032) .01089(-.00068)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01094 .01155(.00061) .01071(-.00023) .01076(-.00018) .01044(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9197	.9659	.2232	0.0000	.9137	.9646	.2274
.0075	-1.7501	.4385	1.1522	.0100	.7774	.9580	.3036
.0101	-1.7321	.4445	1.1415	.0177	.5481	.8926	.4059
.0164	-1.9247	.4050	1.2138	.0526	.1078	.8059	.5636
.0200	-1.8922	.4118	1.2009	.1023	-.1208	.7615	.6359
.0265	-1.9245	.4065	1.2108	.1527	-.2025	.7455	.6614
.0308	-1.9035	.4108	1.2028	.2020	-.2659	.7319	.6826
.0364	-1.7521	.4394	1.1506	.2770	-.3356	.7188	.7030
.0518	-.8250	.6220	.8921	.3757	-.3294	.7202	.7009
.0769	-.7263	.6415	.8220	.4507	-.2545	.7346	.6783
.1019	-.6537	.6568	.7986	.5257	-.0842	.7674	.6265
.1518	-.5479	.6776	.7666	.6007	.0402	.7927	.5855
.2019	-.4803	.6896	.7481	.6755	.1421	.8170	.5450
.2519	-.4588	.6946	.7405	.7173	.2162	.8277	.5267
.3018	-.4379	.6988	.7339	.8507	.3131	.8466	.4934
.4018	-.4289	.7003	.7317	.9010	.3120	.8462	.4940
.4519	-.4234	.7016	.7296	.9508	.2609	.8364	.5115
.5020	-.4127	.7035	.7288	1.0000	.0678	.7982	.5765
.5270	-.4149	.7035	.7287				
.5520	-.4094	.7046	.7250				
.5770	-.4099	.7043	.7255				
.6020	-.4103	.7039	.7260				
.6270	-.4114	.7041	.7258				
.6519	-.4096	.7042	.7256				
.6770	-.4100	.7042	.7257				
.7020	-.4022	.7057	.7233				
.7516	-.3688	.7121	.7133				
.8017	-.3107	.7237	.6994				
.8519	-.2341	.7384	.6724				
.9012	-.1479	.7556	.6433				
.9518	-.0419	.7771	.6108				
1.0000	.0611	.7969	.5785				

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TABLE II.- Continued.

PT = 1.1947 TT = 225.6 RUN 27 POINT 8 GRIT ***ON ***
CM = .5091 CM.25 = -.0897 M,INF = .5992 RC*E06 = 3.05 ALPHA = 3.00

CD2 CD1 CD3 CD4 CD5
.01348 .01390(-.00042) .01331(-.00016) .01308(-.00039) .01271(-.00076)
CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
.01278 .01327(-.00048) .01268(-.00010) .01258(-.00020) .01226(-.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLDC	X/C	CP	P/PT	MLDC
0.0000	.8693	.9560	.2542	0.0000	.8652	.9554	.2560
.0075	-1.9234	.4076	1.2088	.0100	.8244	.9492	.2738
.0101	-1.8148	.4275	1.1720	.0177	.6073	.9035	.3833
.0164	-2.0742	.3765	1.2685	.0526	.1686	.8174	.5443
.0200	-2.0476	.3802	1.2613	.1023	-.0654	.7706	.6213
.0265	-2.0858	.3747	1.2722	.1927	-.1567	.7326	.6901
.0308	-2.0597	.3793	1.2631	.2020	-.2242	.7398	.6702
.0364	-2.0144	.3866	1.2485	.2770	-.2996	.7248	.6951
.0518	-1.1754	.5499	.9650	.3757	-.3026	.7240	.6949
.0769	-.7925	.6275	.8435	.4507	-.2323	.7384	.6724
.1019	-.7019	.6447	.8172	.5237	-.0734	.7689	.6240
.1518	-.5917	.6665	.7836	.6007	.0528	.7947	.5823
.2019	-.5122	.6817	.7602	.6755	.1706	.8177	.5437
.2519	-.4896	.6872	.7518	.7173	.2242	.8284	.5294
.3018	-.4649	.6919	.7445	.8507	.3178	.8471	.5224
.4018	-.4504	.6954	.7393	.9010	.3162	.8468	.4930
.4519	-.4407	.6962	.7379	.9508	.2622	.8360	.5121
.5020	-.4283	.6997	.7326	1.0000	.0634	.7969	.5786
.5270	-.4279	.6994	.7330				
.5520	-.4225	.7006	.7312				
.5770	-.4229	.7010	.7305				
.6020	-.4214	.7013	.7301				
.6270	-.4216	.7010	.7306				
.6519	-.4187	.7018	.7293				
.6770	-.4198	.7029	.7277				
.7020	-.4078	.7051	.7243				
.7516	-.3715	.7115	.7143				
.8017	-.3112	.7228	.6967				
.8519	-.2334	.7386	.6721				
.9012	-.1471	.7554	.6456				
.9518	-.0423	.7764	.6120				
1.0000	.0570	.7960	.5801				

PT = 1.1962 TT = 225.7 RUN 27 POINT 9 GRIT ***ON ***
CM = .5644 CM.25 = -.0875 M,INF = .5985 RC*E06 = 3.05 ALPHA = 3.50

CD2 CD1 CD3 CD4 CD5
.01647 .01673(-.00027) .01640(-.00006) .01592(-.00055) .01558(-.00088)
CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
.01580 .01608(-.00028) .01576(-.00004) .01540(-.00040) .01511(-.00069)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLDC	X/C	CP	P/PT	MLDC
0.0000	.8167	.9460	.2525	0.0000	.8139	.9448	.2857
.0075	-2.0271	.3836	1.2546	.0100	.8837	.9589	.2456
.0101	-1.9042	.4093	1.2056	.0177	.6706	.9169	.3541
.0164	-2.1532	.3640	1.2937	.0526	.2313	.8305	.5218
.0200	-2.1190	.3683	1.2850	.1023	-.0113	.7831	.6011
.0265	-2.1605	.3595	1.3028	.1527	-.1009	.7635	.6827
.0308	-2.1397	.3629	1.2960	.2020	-.1804	.7493	.6554
.0364	-2.1242	.3673	1.2870	.2770	-.2643	.7335	.6801
.0518	-1.5299	.4835	1.0740	.3757	-.2710	.7314	.6835
.0769	-1.0248	.5833	.9122	.4507	-.2092	.7436	.6643
.1019	-.7957	.6290	.8412	.5237	-.0585	.7730	.6175
.1518	-.6362	.6600	.7936	.6007	.0629	.7969	.5785
.2019	-.5553	.6761	.7688	.6755	.1782	.8199	.5400
.2519	-.5205	.6832	.7580	.7173	.2299	.8295	.5234
.3018	-.4913	.6880	.7507	.8507	.3209	.8479	.4910
.4018	-.4696	.6923	.7440	.9010	.3185	.8478	.4911
.4519	-.4588	.6941	.7413	.9508	.2643	.8369	.5105
.5020	-.4436	.6970	.7367	1.0000	.0589	.7961	.5799
.5270	-.4435	.6974	.7361				
.5520	-.4351	.6982	.7349				
.5770	-.4342	.6991	.7335				
.6020	-.4315	.7004	.7315				
.6270	-.4290	.7005	.7314				
.6519	-.4234	.7010	.7305				
.6770	-.4198	.7021	.7289				
.7020	-.4088	.7038	.7263				
.7516	-.3727	.7114	.7144				
.8017	-.3110	.7249	.6935				
.8519	-.2319	.7398	.6702				
.9012	-.1465	.7557	.6452				
.9518	-.0441	.7762	.6123				
1.0000	.0520	.7950	.5817				

TABLE II.- Continued.

TEST 118 RUN 27 POINT 10 GRIT 3.05 ALPHA 4.00
PT = 1.1995 TT = 225.9 M,INF = .5987 RC*E06 = 3.05
CM = .6192 CM.25 = -.0841

CD2 CD1 CD3 CD4 CD5
.02074 .02091(.00017) .02082(.00008) .02024(-.00050) .01987(-.00086)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.02006 .02028(.00022) .02018(.00012) .01972(-.00034) .01941(-.00065)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.7659	.9357	.3094	0.0000	.7606	.9347	.3119
.0075	-2.1319	.3637	1.2902	.0100	.9216	.9664	.2215
.0101	-1.9061	.4098	1.2122	.0177	.7182	.9256	.3340
.0164	-2.1305	.3655	1.2906	.0526	.2816	.8391	.5066
.0206	-2.1024	.3660	1.2895	.1023	.0337	.7911	.5882
.0265	-2.1536	.3614	1.2988	.1527	-.0701	.7701	.6222
.0308	-2.1592	.3574	1.3071	.2020	-.1485	.7547	.6468
.0364	-2.0788	.3707	1.2801	.2770	-.2345	.7377	.6735
.0518	-1.7109	.4439	1.1426	.3757	-.2497	.7267	.6752
.0769	-1.3487	.5161	1.0197	.4507	-.1887	.7473	.6584
.1019	-1.0499	.5773	.9216	.5257	-.0427	.7771	.6109
.1318	-.7170	.6422	.8210	.6007	.0767	.8003	.5730
.2019	-.5937	.6667	.7833	.6755	.1867	.8217	.5369
.2319	-.5472	.6759	.7692	.7173	.2336	.8308	.5212
.3018	-.5130	.6850	.7552	.8507	.3195	.8470	.4911
.4018	-.4829	.6893	.7486	.9010	.3149	.8470	.4927
.4519	-.4702	.6931	.7427	.9508	.2614	.8364	.5114
.5020	-.4505	.6966	.7374	1.0000	.0506	.7947	.5821
.5270	-.4487	.6967	.7373				
.5520	-.4473	.6967	.7372				
.5770	-.4444	.6975	.7359				
.6020	-.4403	.6984	.7346				
.6270	-.4332	.6997	.7326				
.6519	-.4250	.7011	.7305				
.6770	-.4187	.7022	.7287				
.7020	-.4070	.7051	.7243				
.7516	-.3679	.7127	.7125				
.8017	-.3051	.7246	.6939				
.8519	-.2293	.7408	.67				
.9012	-.1441	.7573	.				
.9518	-.0483	.7766	.6117				
1.0000	.0442	.7934	.5843				

TEST 118 RUN 27 POINT 11 GRIT 3.04 ALPHA 5.00
PT = 1.1948 TT = 226.1 M,INF = .6002 RC*E06 = 3.04
CM = .6998 CM.25 = -.0768

CD2 CD1 CD3 CD4 CD5
.03376 .03381(.00005) .03436(.00060) .03349(-.00027) .03314(-.00063)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.03290 .03304(.00015) .03353(.00063) .03268(-.00021) .03245(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.6817	.9184	.3507	0.0000	.6774	.9176	.3525
.0075	-2.0421	.3789	1.2639	.0100	.9782	.9771	.1821
.0101	-1.7696	.4323	1.1631	.0177	.7972	.9415	.2946
.0164	-1.9803	.3906	1.2410	.0526	.3692	.8565	.4734
.0206	-1.8902	.4079	1.2082	.1023	.1150	.8053	.5647
.0265	-1.9276	.4009	1.2214	.1527	-.0022	.7831	.6012
.0308	-2.0080	.3852	1.2916	.2020	-.0875	.7662	.6284
.0364	-1.9237	.4013	1.2207	.2770	-.1838	.7465	.6597
.0518	-1.8064	.4268	1.1733	.3757	-.2194	.7410	.6663
.0769	-1.6283	.4608	1.1130	.4507	-.1615	.7312	.6523
.1019	-1.4473	.4946	1.0552	.5257	-.0250	.7784	.6089
.1318	-1.1114	.5635	.9433	.6007	.0881	.8007	.5722
.2019	-.8284	.6196	.8558	.6755	.1912	.8213	.5376
.2319	-.6640	.6512	.8071	.7173	.2371	.8299	.5228
.3018	-.5711	.6706	.7773	.8507	.3194	.8464	.4938
.4018	-.5014	.6830	.7570	.9010	.3122	.8447	.4967
.4519	-.4793	.6883	.7501	.9508	.2511	.8333	.5169
.5020	-.4543	.6932	.7426	1.0000	.0239	.7881	.5951
.5270	-.4546	.6934	.7423				
.5520	-.4449	.6945	.7406				
.5770	-.4372	.6962	.7379				
.6020	-.4298	.6973	.7362				
.6270	-.4217	.7001	.7319				
.6519	-.4068	.7027	.7279				
.6770	-.3992	.7060	.7228				
.7020	-.3864	.7074	.7206				
.7516	-.3455	.7155	.7081				
.8017	-.2894	.7282	.6884				
.8519	-.2130	.7413	.6678				
.9012	-.1412	.7562	.6444				
.9518	-.0582	.7728	.6179				
1.0000	.0143	.7875	.5940				

ORIGINAL FACE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 27 POINT 12 GRIT ***DN ***
 PT = 1.1996 TT = 226.2 M, INF = .9995 RC*E06 = 3.05 ALPHA = 3.99
 CM = .7676 CM.25 = -.0732

CD2 CD1 CD3 CD4 CD5
 .04941 .04917(-.00024) .03023(.00082) .05134(.00213) .04993(.00051)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .04807 .04810(.00003) .04880(.00073) .04971(.00165) .04854(.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.00000	.6099	.9026	.3830	.00000	.6016	.9024	.3837
.0075	-1.9217	.4017	1.2199	.0100	1.0162	.9847	.1484
.0101	-1.6661	.4320	1.1283	.0177	.8526	.9523	.2650
.0164	-1.8677	.4104	1.2036	.0526	.4363	.8698	.4506
.0200	-1.7699	.4332	1.1617	.1023	.1756	.8183	.5427
.0265	-1.7827	.4305	1.1666	.1927	.0520	.7948	.5820
.0308	-1.9058	.4044	1.2148	.2020	-.0387	.7759	.6129
.0364	-1.8454	.4183	1.1889	.2770	-.1439	.7563	.6442
.0518	-1.7611	.4345	1.1594	.3757	-.1850	.7474	.6382
.0769	-1.6651	.4535	1.1257	.4507	-.1390	.7563	.6443
.1019	-1.5606	.4745	1.0992	.5237	-.0150	.7803	.6037
.1318	-1.3315	.5221	1.0099	.6007	.0894	.8121	.5700
.2019	-1.0867	.5680	.9362	.6735	.1929	.8222	.5360
.2519	-.8958	.6081	.8735	.7171	.2400	.8308	.5212
.3018	-.7240	.6489	.8260	.8507	.3155	.8457	.4950
.4018	-.5564	.6737	.7726	.9010	.3046	.8441	.4978
.4519	-.3957	.6830	.7582	.9508	.2325	.8299	.5227
.5020	-.4682	.6921	.7443	1.0000	-.0302	.7791	.5893
.5270	-.4544	.6944	.7408				
.5520	-.4333	.6973	.7363				
.5770	-.4221	.6998	.7324				
.6020	-.4109	.7026	.7281				
.6270	-.3943	.7051	.7242				
.6519	-.3828	.7084	.7191				
.6770	-.3716	.7121	.7134				
.7020	-.3532	.7149	.7091				
.7516	-.3157	.7225	.6973				
.8017	-.2611	.7340	.6793				
.8519	-.1999	.7454	.6614				
.9012	-.1423	.7558	.6450				
.9518	-.0817	.7691	.6238				
1.0000	-.0379	.7777	.6099				

TEST 118 RUN 28 POINT 1 GRIT ***DN ***
 PT = 1.1965 TT = 225.7 M, INF = .4976 RC*E06 = 3.38 ALPHA = .60
 CM = .8100 CM.25 = -.1021

CD2 CD1 CD3 CD4 CD5
 .06941 .01010(.00099) .00873(-.00038) .00878(-.00034) .00849(-.00062)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00859 .00933(.00093) .00826(-.00035) .00837(-.00022) .00812(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.00000	1.1283	1.0001	0.0000	.00000	1.1273	.9997	.0217
.0075	-.3574	.5826	.9133	.0100	.3928	.8183	.6442
.0101	-.7067	.5464	.9706	.0177	.1368	.7561	.6446
.0164	-.9393	.4896	1.0637	.0526	-.2886	.6505	.8882
.0200	-.8748	.5067	1.0352	.1023	-.5016	.5986	.8882
.0265	-.6981	.5488	.9667	.1927	-.3424	.5879	.9049
.0308	-.7624	.5326	.9927	.2020	-.5846	.5771	.9218
.0364	-.6466	.5629	.9443	.2770	-.6421	.5630	.9442
.0518	-.4689	.6069	.8734	.3757	-.5685	.5811	.9196
.0769	-.3947	.6243	.8484	.4507	-.3955	.6241	.8488
.1019	-.3687	.6314	.8376	.5237	-.1850	.6770	.7675
.1318	-.3256	.6414	.8221	.6007	-.0163	.7178	.7045
.2019	-.2970	.6481	.8118	.6735	.1291	.7345	.6470
.2519	-.3043	.6463	.8146	.7171	.1919	.7696	.6231
.3018	-.3066	.6458	.8134	.8507	.3032	.7977	.5773
.4018	-.3368	.6346	.8265	.9010	.3118	.7990	.5750
.4519	-.3479	.6369	.8291	.9508	.2888	.7886	.5922
.5020	-.3499	.6355	.8312	1.0000	.0950	.7469	.6591
.5270	-.3384	.6346	.8326				
.5520	-.3592	.6340	.8336				
.5770	-.3689	.6318	.8369				
.6020	-.3756	.6298	.8401				
.6270	-.3858	.6275	.8436				
.6519	-.3919	.6274	.8437				
.6770	-.3990	.6261	.8438				
.7020	-.3958	.6260	.8440				
.7516	-.3727	.6324	.8360				
.8017	-.3162	.6463	.8146				
.8519	-.2379	.6693	.7835				
.9012	-.1506	.6868	.7524				
.9518	-.0369	.7144	.7099				
1.0000	.0867	.7451	.6619				

ORIGINAL PRINTED
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 28 POINT 2 GRIT ***DM ***
PT = 1.2003 TT = 229.1 M, INF = .6957 RC*E06 = 3.40 ALPHA = 1.01
CM = .2952 CM.25 = -.1006

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC		
.01000	.01084(.00084)	.00953(-.00047)	.60993(-.00047)	.00924(-.00077)					
.01002	.01029(.00086)	.00906(-.00037)	.60912(-.00031)	.00886(-.00057)					
.01004									
.01006									
.01008									
.01010									
.01012									
.01014									
.01016									
.01018									
.01020									
.01022									
.01024									
.01026									
.01028									
.01030									
.01032									
.01034									
.01036									
.01038									
.01040									
.01042									
.01044									
.01046									
.01048									
.01050									
.01052									
.01054									
.01056									
.01058									
.01060									
.01062									
.01064									
.01066									
.01068									
.01070									
.01072									
.01074									
.01076									
.01078									
.01080									
.01082									
.01084									
.01086									
.01088									
.01090									
.01092									
.01094									
.01096									
.01098									
.01100									

TEST 118 RUN 28 POINT 3 GRIT ***DM ***
PT = 1.1984 TT = 225.2 M, INF = .7007 RC*E06 = 3.40 ALPHA = 1.31
CM = .3629 CM.25 = -.0985

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC		
.01102	.01160(.00058)	.01041(-.00061)	.01042(-.00060)	.01014(-.00088)					
.01104	.01103(.00058)	.00989(-.00057)	.01003(-.00042)	.00975(-.00070)					
.01106									
.01108									
.01110									
.01112									
.01114									
.01116									
.01118									
.01120									
.01122									
.01124									
.01126									
.01128									
.01130									
.01132									
.01134									
.01136									
.01138									
.01140									
.01142									
.01144									
.01146									
.01148									
.01150									
.01152									
.01154									
.01156									
.01158									
.01160									
.01162									
.01164									
.01166									
.01168									
.01170									
.01172									
.01174									
.01176									
.01178									
.01180									
.01182									
.01184									
.01186									
.01188									
.01190									
.01192									
.01194									
.01196									
.01198									
.01200									

TABLE II.- Continued.

PT = 1.1980 TEST 110 RUN 20 POINT 4 GRIT ***ON ***
 CN = .3898 TT = 229.6 M.INF = .6982 RC*E06 = 3.38 ALPHA = 1.76
 CM.25 = -.0982

CDZ CD1 CD3 CD4 CD5
 .01192 .01205(-.00052) .01096(-.00056) .01085(-.00067) .01067(-.00085)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01097 .01150(-.00050) .01044(-.00052) .01045(-.00053) .01028(-.00068)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0680	.9856	.1442	0.0000	1.0698	.9847	.1405
.0075	-1.0492	.4440	1.1073	.0100	.6014	.8961	.4100
.0101	-1.1070	.4504	1.1312	.0177	.4355	.8299	.5227
.0164	-1.3579	.3387	1.3463	.0526	-.0054	.7214	.6989
.0260	-1.6101	.3260	1.3737	.1023	-.2419	.6631	.7889
.0265	-1.5462	.3417	1.3999	.1527	-.3223	.6426	.8203
.0308	-1.6268	.3225	1.3815	.2020	-.7498	.6265	.8431
.0364	-1.5084	.3510	1.3202	.2770	-.4680	.6066	.8655
.0518	-1.4794	.3592	1.3034	.3757	-.4464	.6245	.8759
.0769	-.3637	.5841	.9109	.4507	-.3204	.6133	.8655
.1019	-.3194	.5948	.8943	.5257	-.1309	.6423	.8193
.1516	-.4881	.6018	.8833	.6007	.0226	.6899	.7477
.2017	-.4424	.6136	.8651	.6759	.7285	.6879	.6879
.2519	-.4359	.6145	.8636	.7173	.7615	.6360	.6360
.3018	-.4252	.6181	.8581	.8507	.7762	.6123	.6123
.4018	-.4328	.6156	.8619	.9016	.8007	.5702	.5702
.4519	-.4337	.6153	.8624	.9508	.8245	.5605	.5605
.5020	-.4277	.6175	.8590	1.0000	.2738	.7899	.5901
.5270	-.4303	.6161	.8612		.0804	.7417	.6673
.5520	-.4271	.6170	.8598				
.5770	-.4311	.6156	.8620				
.6020	-.4334	.6153	.8624				
.6270	-.4302	.6139	.8646				
.6519	-.4372	.6140	.8644				
.6770	-.4392	.6137	.8649				
.7020	-.4316	.6157	.8618				
.7516	-.3959	.6241	.8499				
.8017	-.3270	.6414	.8222				
.8519	-.2397	.6628	.7893				
.9012	-.1463	.6896	.7534				
.9518	-.0319	.7143	.7101				
1.0000	.0722	.7398	.6703				

PT = 1.1977 TEST 110 RUN 20 POINT 5 GRIT ***ON ***
 CN = .4209 TT = 229.4 M.INF = .6950 RC*E06 = 3.38 ALPHA = 2.00
 CM.25 = -.0979

CDZ CD1 CD3 CD4 CD5
 .01207 .01258(-.00051) .01138(-.00049) .01137(-.00070) .01123(-.00084)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01147 .01206(-.00059) .01106(-.00041) .01092(-.00055) .01083(-.00065)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0554	.9822	.1403	0.0000	1.0529	.9815	.1332
.0075	-1.1070	.4485	1.1345	.0100	.7119	.8975	.3958
.0101	-1.1647	.4366	1.1556	.0177	.4658	.8372	.5100
.0164	-1.4039	.3270	1.3716	.0526	.0241	.7287	.6876
.0260	-1.6623	.3133	1.4022	.1023	-.2109	.6712	.7769
.0265	-1.6598	.3132	1.4024	.1527	-.2951	.6519	.8061
.0308	-1.7217	.2997	1.4334	.2020	-.3624	.6345	.8328
.0364	-1.5948	.3299	1.3652	.2770	-.4429	.6150	.8629
.0518	-1.5207	.3464	1.3300	.3757	-.4291	.6192	.8564
.0769	-.8686	.5092	1.0310	.4507	-.3101	.6475	.8128
.1019	-.4996	.6002	.8858	.5257	-.1211	.6932	.7429
.1516	-.4980	.6022	.8827	.6007	.0311	.7303	.6891
.2017	-.4561	.6118	.8678	.6759	.1651	.7636	.6326
.2519	-.4496	.6133	.8655	.7173	.2242	.7702	.6092
.3018	-.4377	.6161	.8612	.8507	.3280	.6034	.5677
.4018	-.4439	.6147	.8633	.9016	.3303	.6042	.5665
.4519	-.4433	.6141	.8643	.9508	.2788	.7918	.5849
.5020	-.4356	.6135	.8622	1.0000	.0799	.7424	.6662
.5270	-.4403	.6149	.8630				
.5520	-.4356	.6161	.8612				
.5770	-.4379	.6151	.8627				
.6020	-.4397	.6149	.8630				
.6270	-.4431	.6147	.8633				
.6519	-.4423	.6140	.8645				
.6770	-.4433	.6139	.8645				
.7020	-.4333	.6159	.8616				
.7516	-.3985	.6244	.8484				
.8017	-.3291	.6426	.8204				
.8519	-.2415	.6642	.7871				
.9012	-.1463	.6896	.7481				
.9518	-.0329	.7167	.7062				
1.0000	.0723	.7407	.6688				

ORIGINAL RECORDS
OF POOR QUALITY.

TABLE II.- Continued.

PT = 1.1974 TEST 118 RUN 28 POINT 6 GRIT 3.40 ALPHA = 2.25
 CM = .4605 CM.25 = -.0042 M.INF = .6995 RC*E06 = 3.40

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.0450	.9794	.1724	.0000	1.0412	.9784	.1769
.0075	-1.1420	.4380	1.1532	.0100	.7430	.9046	.3889
.0101	-1.1654	.4323	1.1634	.0177	.5029	.8450	.4961
.0164	-1.6286	.3164	1.3952	.0526	.0628	.7365	.6754
.0200	-1.6752	.3050	1.4211	.1023	-.1817	.6783	.7685
.0265	-1.7484	.2883	1.4607	.1527	-.2686	.6547	.8017
.0308	-1.7591	.2853	1.4679	.2020	-.3406	.6382	.8272
.0364	-1.7049	.2976	1.4383	.2770	-.4238	.6176	.8580
.0518	-1.5684	.3921	1.3604	.3757	-.4119	.6195	.8559
.0769	-1.3034	.3492	1.3240	.4507	-.3615	.6459	.8153
.1019	-.3671	.5811	.9156	.5257	-.1151	.6924	.7439
.1518	-.4789	.6028	.8819	.6007	.0358	.7294	.6866
.2019	-.4615	.6084	.8732	.6755	.1701	.7638	.6335
.2519	-.4604	.6086	.8728	.7507	.2279	.7773	.6106
.3018	-.4504	.6160	.8706	.8216	.3316	.8029	.5686
.4018	-.4576	.6072	.8750	.9010	.3327	.8029	.5686
.4519	-.4577	.6076	.8743	.9508	.2308	.7903	.5891
.5020	-.4470	.6096	.8713	1.0000	.0509	.7410	.6684
.5270	-.4304	.6096	.8713				
.5520	-.4464	.6106	.8697				
.5770	-.4473	.6101	.8704				
.6020	-.4497	.6092	.8718				
.6270	-.4531	.6091	.8720				
.6519	-.4517	.6093	.8717				
.6770	-.4517	.6094	.8716				
.7020	-.4422	.6128	.8663				
.7516	-.4049	.6214	.8430				
.8017	-.3339	.6388	.8261				
.8519	-.2438	.6606	.7927				
.9012	-.1478	.6843	.7562				
.9518	-.0341	.7130	.7120				
1.0000	.0721	.7389	.6717				

PT = 1.1973 TEST 118 RUN 28 POINT 7 GRIT 3.38 ALPHA = 2.51
 CM = .4928 CM.25 = -.0047 M.INF = .6995 RC*E06 = 3.38

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.0250	.9754	.1887	.0000	1.0216	.9743	.1933
.0075	-1.2185	.4253	1.1781	.0100	.7730	.9134	.3618
.0101	-1.2204	.4243	1.1779	.0177	.5364	.8533	.4777
.0164	-1.7096	.3067	1.4172	.0526	.0955	.7488	.6592
.0200	-1.7486	.2960	1.4421	.1023	-.1493	.6867	.7527
.0265	-1.8227	.2778	1.4804	.1527	-.2391	.6643	.7871
.0308	-1.8297	.2748	1.4939	.2020	-.3151	.6456	.8157
.0364	-1.7892	.2856	1.4672	.2770	-.3901	.6251	.8472
.0518	-1.6504	.3192	1.3889	.3757	-.3927	.6268	.8446
.0769	-1.3640	.3346	1.3551	.4507	-.2698	.6528	.8047
.1019	-.3601	.5269	1.0020	.5257	-.1052	.6968	.7370
.1518	-.4711	.6073	.8749	.6007	.0429	.7337	.6798
.2019	-.4625	.6094	.8715	.6755	.1743	.7661	.6286
.2519	-.4675	.6083	.8732	.7507	.2323	.7805	.6054
.3018	-.4607	.6101	.8704	.8216	.3333	.8050	.5651
.4018	-.4642	.6097	.8711	.8910	.3338	.8050	.5658
.4519	-.4642	.6076	.8728	.9508	.2618	.7921	.5864
.5020	-.4537	.6118	.8679	1.0000	.0810	.7426	.6658
.5270	-.4571	.6111	.8679				
.5520	-.4516	.6127	.8690				
.5770	-.4525	.6119	.8684				
.6020	-.4533	.6116	.8676				
.6270	-.4538	.6108	.8681				
.6519	-.4536	.6108	.8694				
.6770	-.4541	.6113	.8686				
.7020	-.4449	.6108	.8693				
.7516	-.4053	.6139	.8646				
.8017	-.3345	.6234	.8499				
.8519	-.2444	.6405	.8217				
.9012	-.1483	.6624	.7899				
.9518	-.0347	.6864	.7531				
1.0000	.0716	.7141	.7103				

TABLE II.- Continued.

TEST 118 RUN 28 POINT 8 GRIT ***DN ***
PT = 1.1972 TT = 222.8 M, INF = .6953 RC*E06 = 3.37 ALPHA = 3.01
CM = .5612 CM, 25 = -.0916

CD2 CD1 CD3 CD4 CD5
.01733 .01766(.00033) .01683(-.00050) .01657(-.00076) .01627(-.00106)
CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
.01693 .01692(-.00038) .01606(-.00047) .01596(-.00058) .01573(-.00080)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9966	.9680	.2159	0.0000	.9915	.9665	.2209
.0075	-1.3095	.4001	1.7230	.0100	.9267	.9262	.3326
.0101	-1.2821	.4095	1.2053	.0177	.5976	.8701	.4301
.0164	-1.7714	.2886	1.4670	.0526	.1560	.7616	.6357
.0200	-1.8118	.2791	1.4831	.1023	-.0901	.7009	.7008
.0265	-1.8922	.2581	1.5372	.1527	-.1882	.6761	.7689
.0308	-1.9110	.2553	1.5446	.2020	-.2651	.6579	.7968
.0364	-1.8803	.2623	1.5259	.2770	-.3540	.6364	.8298
.0518	-1.8034	.2807	1.4792	.3757	-.4578	.6359	.8307
.0749	-1.6673	.3140	1.4004	.4307	-.2665	.6598	.7940
.1019	-1.6000	.3298	1.3653	.5257	-.0882	.7032	.7272
.1318	-.4642	.6022	.8734	.6007	.0413	.7343	.6789
.2019	-.4353	.6161	.8612	.6755	.1840	.7689	.6241
.2519	-.4663	.6089	.8724	.7173	.2412	.7827	.6018
.3018	-.4722	.6078	.8740	.8547	.3398	.8072	.6018
.4018	-.4820	.6071	.8751	.9010	.3393	.8066	.5614
.4519	-.4812	.6071	.8751	.9508	.2860	.7936	.5621
.5020	-.4689	.6093	.8716	1.0000	.0800	.7431	.5840
.5270	-.4710	.6083	.8732				.6651
.5520	-.4641	.6097	.8711				
.5770	-.4674	.6094	.8715				
.6020	-.4649	.6095	.8713				
.6270	-.4670	.6088	.8725				
.6519	-.4640	.6096	.8712				
.6770	-.4629	.6101	.8705				
.7020	-.4527	.6116	.8681				
.7516	-.4108	.6230	.8505				
.8017	-.3374	.6413	.8223				
.8519	-.2480	.6632	.7886				
.9012	-.1510	.6665	.7530				
.9518	-.0374	.7153	.7684				
1.0000	.0721	.7413	.6679				

TEST 118 RUN 28 POINT 9 GRIT ***DN ***
PT = 1.1972 TT = 225.7 M, INF = .6940 RC*E06 = 3.37 ALPHA = 3.51
CM = .6203 CM, 25 = -.0898

CD2 CD1 CD3 CD4 CD5
.02150 .02168(.00019) .02089(-.00061) .02067(-.00083) .02046(-.00104)
CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
.02050 .02073(-.00023) .01991(-.00059) .01986(-.00084) .01974(-.00076)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9612	.9595	.2437	0.0000	.9576	.9586	.2464
.0075	-1.4060	.3794	1.2629	.0100	.8725	.9379	.3038
.0101	-1.3463	.3938	1.2350	.0177	.6496	.8833	.4245
.0164	-1.8497	.2707	1.5044	.0526	.2167	.7772	.6108
.0200	-1.8735	.2647	1.5199	.1023	-.0337	.7149	.7090
.0265	-1.9747	.2414	1.5826	.1527	-.1380	.6902	.7471
.0308	-1.9815	.2381	1.5920	.2020	-.2204	.6695	.7790
.0364	-1.9547	.2446	1.5733	.2770	-.3158	.6476	.8136
.0518	-1.8950	.2607	1.5302	.3757	-.3279	.6437	.8187
.0769	-1.7994	.2834	1.4726	.4307	-.2477	.6639	.7877
.1019	-1.6919	.3077	1.4148	.5257	-.0731	.7060	.7229
.1318	-.9068	.5019	1.0430	.6007	.0666	.7398	.6702
.2019	-.4035	.6246	.8481	.6755	.1918	.7707	.6212
.2519	-.4448	.6154	.8623	.7173	.2473	.7845	.5989
.3018	-.4657	.6099	.8707	.8507	.3434	.8082	.5907
.4018	-.4940	.6036	.8806	.9010	.3429	.8076	.5607
.4519	-.4922	.6033	.8811	.9508	.2081	.7947	.5822
.5020	-.4790	.6059	.8769	1.0000	.0774	.7440	.6636
.5270	-.4830	.6052	.8780				
.5520	-.4765	.6072	.8750				
.5770	-.4760	.6076	.8743				
.6020	-.4740	.6072	.8750				
.6270	-.4738	.6081	.8735				
.6519	-.4717	.6099	.8707				
.6770	-.4683	.6100	.8706				
.7020	-.4548	.6128	.8663				
.7516	-.4132	.6230	.8506				
.8017	-.3411	.6393	.8255				
.8519	-.2509	.6634	.7884				
.9012	-.1561	.6856	.7543				
.9518	-.0395	.7149	.7691				
1.0000	.0696	.7416	.6675				

ORIGINAL FILED
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 28 POINT 10 GRIT ***DN ***
 PT = 1.1971 TT = 226.3 M, INF = .6984 RC*E06 = 3.37 ALPHA = 4.00
 CN = .6989 CM, 25 = -.0881

CD2 CD1 CD3 CD4 CD5
 .02691 .02719(.00028) .02629(-.00062) .02607(-.00084) .02605(-.00086)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02872 .02615(.00043) .02512(-.00061) .02518(-.00054) .02521(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9374	.9324	.2646	0.0000	.9330	.9318	.2664
.0075	-1.4383	.3660	1.2896	.0100	.9118	.9466	.2808
.0101	-1.3539	.3865	1.2490	.0177	.6960	.8934	.4043
.0164	-1.8748	.2547	1.5461	.0526	.2692	.7881	.5920
.0200	-1.8938	.2526	1.5518	.1023	.0134	.7251	.6933
.0265	-2.0054	.2267	1.6249	.1527	-.0935	.6992	.7333
.0308	-2.0101	.2244	1.6321	.2020	-.1799	.6767	.76..
.0364	-1.9890	.2291	1.6181	.2770	-.2787	.6532	.8040
.0518	-1.9360	.2439	1.5758	.3757	-.2987	.6479	.8122
.0769	-1.8656	.2615	1.5282	.4507	-.2225	.6661	.7843
.1019	-1.7913	.2799	1.4813	.5257	-.0603	.7072	.7210
.1318	-1.6668	.3117	1.4057	.6007	.0777	.7409	.6685
.2019	-.6183	.5684	.9356	.6755	.2512	.7834	.6007
.2519	-.4021	.6228	.8508	.7173	.2574	.7847	.5985
.3018	-.4255	.6166	.8604	.8507	.3499	.8090	.5585
.4018	-.4814	.6021	.8829	.9010	.3490	.8086	.5591
.4519	-.4967	.5996	.8867	.9508	.2934	.7927	.5838
.5020	-.4858	.6019	.8831	1.0000	.0806	.7404	.6693
.5270	-.4878	.6009	.8847				
.5520	-.4709	.6027	.8819				
.5770	-.4860	.6035	.8806				
.6020	-.4827	.6041	.8798				
.6270	-.4796	.6027	.8820				
.6519	-.4756	.6027	.8820				
.6770	-.4732	.6041	.8797				
.7020	-.4607	.6078	.8741				
.7516	-.4223	.6195	.8559				
.8017	-.3436	.6362	.8301				
.8519	-.2540	.6597	.7940				
.9012	-.1581	.6829	.7585				
.9518	-.0434	.7115	.7143				
1.0000	.0717	.7388	.6717				

TEST 118 RUN 28 POINT 11 GRIT ***DN ***
 PT = 1.1968 TT = 226.4 M, INF = .6984 RC*E06 = 3.37 ALPHA = 5.01
 CN = .8317 CM, 25 = -.0827

CD2 CD1 CD3 CD4 CD5
 .04046 .04078(.00031) .04019(-.00028) .03995(-.00053) .03987(-.00060)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .03913 .03945(.00032) .03886(-.00026) .03876(-.00037) .03860(-.00033)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8647	.9352	.3107	0.0000	.8616	.9338	.3142
.0075	-1.3506	.3361	1.3518	.0100	.9765	.9627	.2335
.0101	-1.4340	.3657	1.2902	.0177	.7799	.9137	.3611
.0164	-2.0134	.2259	1.6275	.0526	.3619	.8106	.5557
.0200	-1.9876	.2285	1.6106	.1023	.1030	.7456	.6611
.0265	-2.1146	.2007	1.7062	.1527	-.0172	.7183	.7038
.0308	-2.1149	.1973	1.7177	.2020	-.1083	.6939	.7414
.0364	-2.0916	.2028	1.6994	.2770	-.2151	.6684	.7807
.0518	-2.0346	.2160	1.6573	.3757	-.2468	.6595	.7944
.0769	-1.9803	.2319	1.6098	.4507	-.1870	.6744	.7714
.1019	-1.9086	.2468	1.5678	.5257	-.0320	.7130	.7120
.1318	-1.8317	.2717	1.5017	.6007	.0954	.7444	.6630
.2019	-1.7203	.2951	1.4444	.6755	.2145	.7740	.6159
.2519	-.9157	.4955	1.0538	.7173	.2690	.7868	.5951
.3018	-.4206	.6165	.8606	.8507	.3579	.8095	.5575
.4018	-.4306	.6142	.8642	.9010	.3546	.8091	.5982
.4519	-.4628	.6067	.8757	.9508	.2980	.7949	.5819
.5020	-.4702	.6045	.8791	1.0000	.0737	.7406	.6689
.5270	-.4790	.6026	.8822				
.5520	-.4722	.6030	.8814				
.5770	-.4787	.6027	.8820				
.6020	-.4793	.6034	.8809				
.6270	-.4785	.6031	.8813				
.6519	-.4778	.6049	.8785				
.6770	-.4740	.6048	.8787				
.7020	-.4647	.6077	.8741				
.7516	-.4227	.6194	.8561				
.8017	-.3493	.6371	.8288				
.8519	-.2596	.6578	.7969				
.9012	-.1691	.6806	.7420				
.9518	-.0535	.7085	.7190				
1.0000	.0647	.7377	.6735				

00120
00120

TABLE II.- Continued.

PT = 1.1974 TEST 118 RUN 28 POINT 12 GRIT ***ON ***
 CM = .9454 TT = 226.3 H, INF = .7005 RC*E06 = 3.38 ALPHA = 6.01

CD2 CD1 CD3 CD4 CD5
 .05667 .05714(.00047)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .05915 .05966(.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8004	.9188	.2496	0.0000	.7928	.9167	.3545
.0075	-1.6430	.3127	1.4034	.0100	1.0203	.9731	.1975
.0101	-1.9120	.3472	1.3282	.0177	.8399	.9286	.3269
.0164	-2.0900	.2038	1.6961	.0526	.4935	.8273	.5272
.0200	-2.0670	.2106	1.6736	.1023	.1691	.7621	.6350
.0265	-2.1783	.1809	1.7748	.1927	.0432	.7315	.6832
.0308	-2.1988	.1774	1.7876	.2020	-.0565	.7075	.7206
.0364	-2.1836	.1820	1.7708	.2770	-.1701	.6784	.7653
.0518	-2.1286	.1939	1.7290	.3757	-.2205	.6666	.7834
.0769	-2.0597	.2085	1.6810	.4507	-.1656	.6802	.7629
.1019	-2.0068	.2228	1.6367	.5257	-.0197	.7155	.7081
.1518	-1.9269	.2441	1.5751	.6007	.1023	.7456	.6611
.2019	-1.8456	.2657	1.5173	.6755	.2166	.7750	.6143
.2519	-1.6711	.3068	1.4170	.7173	.2671	.7868	.5952
.3018	-.8501	.5110	1.0281	.8507	.3543	.8088	.5567
.4018	-.4104	.6197	.8556	.9010	.3489	.8064	.5627
.4519	-.4281	.6144	.8639	.9508	.2880	.7916	.5673
.5020	-.4507	.6086	.8728	1.0000	.0941	.7342	.6790
.5270	-.4676	.6061	.8767				
.5520	-.4697	.6044	.8793				
.5770	-.4779	.6033	.8810				
.6020	-.4774	.6014	.8839				
.6270	-.4808	.6011	.8845				
.6519	-.4788	.6023	.8825				
.6770	-.4766	.6029	.8817				
.7020	-.4659	.6055	.8776				
.7516	-.4300	.6134	.8654				
.8017	-.3567	.6303	.8393				
.8519	-.2750	.6511	.8073				
.9012	-.1886	.6733	.7732				
.9518	-.0760	.7012	.7303				
1.0000	.0382	.7302	.6852				

PT = 1.1997 TEST 118 RUN 28 POINT 2 GRIT ***ON ***
 CM = .2985 TT = 224.7 H, INF = .7177 RC*E06 = 3.47 ALPHA = 1.00

CD2 CD1 CD3 CD4 CD5
 .01017 .01088(.00071) .00953(-.00064) .00957(-.00059) .00933(-.00083)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00960 .01033(.00072) .00901(-.00059) .00916(-.00044) .00895(-.00065)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1093	.9936	.0958	0.0000	1.1085	.9933	.0980
.0075	-.8058	.5048	1.0382	.0100	.9724	.8563	.4757
.0101	-.8988	.4807	1.0787	.0177	.3204	.7926	.5856
.0164	-1.3126	.3784	1.2687	.0526	-.1189	.6800	.7629
.0200	-1.3717	.3605	1.3008	.1023	-.3543	.6213	.8532
.0265	-1.2409	.3932	1.2361	.1527	-.4226	.6026	.8821
.0308	-1.2792	.3836	1.2547	.2020	-.4893	.5860	.9079
.0364	-1.2151	.4004	1.2223	.2770	-.5622	.5673	.9373
.0518	-.9426	.4709	1.0955	.3757	-.8171	.5781	.9203
.0769	-.5087	.5805	.9166	.4507	-.3575	.6189	.8568
.1019	-.4926	.5861	.9078	.5257	-.1568	.6699	.7784
.1518	-.4316	.6003	.8856	.6007	.0038	.7115	.7143
.2019	-.3867	.6112	.8687	.6755	.1405	.7483	.6568
.2519	-.3866	.6121	.8673	.7173	.2108	.7639	.6321
.3018	-.3790	.6134	.8653	.8507	.3203	.7916	.5873
.4018	-.3990	.6083	.8732	.9010	.3241	.7924	.5859
.4519	-.4046	.6066	.8759	.9508	.2767	.7806	.6052
.5020	-.4025	.6080	.8737	1.0000	.0887	.7322	.6821
.5270	-.4076	.6060	.8768				
.5520	-.4079	.6059	.8769				
.5770	-.4134	.6039	.8800				
.6020	-.4187	.6024	.8825				
.6270	-.4255	.6011	.8844				
.6519	-.4274	.6001	.8859				
.6770	-.4331	.5987	.8881				
.7020	-.4251	.5996	.8867				
.7516	-.3938	.6082	.8734				
.8017	-.3258	.6239	.8460				
.8519	-.2366	.6484	.8114				
.9012	-.1443	.6720	.7752				
.9518	-.0286	.7014	.7299				
1.0000	.0805	.7301	.6854				

ORIGINAL DATA IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 29 POINT 3 GRIT ***OK***
 PT = 1.1997 TT = 226.3 M,INF = .7146 RC*E06 = 3.42 ALPHA = 1.00
 CN = .2987 CM.25 = -.1004

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1108	.9938	.9940	0.0000	1.1087	.9933	.9978
.0075	-.8048	.5048	1.0382	.0100	.5708	.8554	.4774
.0101	-.8985	.4805	1.0791	.0177	.3199	.7925	.5858
.0164	-1.3084	.3759	1.2698	.0526	-.1172	.6802	.7626
.0200	-1.3712	.3602	1.3014	.1023	-.3536	.6209	.8537
.0265	-1.2420	.3913	1.2397	.1527	-.4236	.6031	.8813
.0308	-1.2812	.3827	1.2563	.2020	-.4843	.5879	.9030
.0364	-1.2149	.4001	1.2230	.2770	-.5596	.5701	.9329
.0518	-.9588	.466°	1.1025	.3457	-.5144	.5800	.9174
.0769	-.5064	.580	.9161	.4507	-.3580	.6211	.8535
.1019	-.4917	.5858	.9083	.5257	-.1968	.6725	.7744
.1518	-.4330	.6007	.8850	.6007	.0063	.7133	.7116
.2019	-.3874	.6126	.8667	.6755	.1490	.7491	.6556
.2519	-.3869	.6137	.8645	.7173	.2100	.7648	.6306
.3018	-.3790	.6145	.8637	.8507	.3201	.7930	.5890
.4018	-.3987	.6107	.8695	.9010	.4237	.7938	.5836
.4519	-.4036	.6099	.8708	.9508	.5270	.7825	.6021
.5020	-.4012	.6097	.8711	1.0000	.6083	.7339	.6796
.5270	-.4066	.6076	.8743				
.5520	-.4063	.6080	.8737				
.5770	-.4130	.6065	.8760				
.6020	-.4166	.6055	.8775				
.6270	-.4226	.6049	.8785				
.6519	-.4260	.6033	.8809				
.6770	-.4289	.6032	.8812				
.7020	-.4240	.6037	.8803				
.7516	-.3920	.6122	.8671				
.8017	-.3240	.6297	.8402				
.8519	-.2373	.6515	.8066				
.9012	-.1448	.6751	.7704				
.9516	-.0287	.7051	.7242				
1.0000	.0805	.7325	.6816				

TEST 118 RUN 29 POINT 4 GRIT ***OK***
 PT = 1.1598 TT = 225.4 M,INF = .7155 RC*E06 = 3.45 ALPHA = 1.51
 CN = .3573 CM.25 = -.1001

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0895	.9884	.1292	0.0000	1.0869	.9878	.1323
.0075	-.9205	.4759	1.0869	.0100	.6444	.8747	.4412
.0101	-.9793	.4603	1.1138	.0177	.3954	.8121	.5533
.0164	-1.4154	.3487	1.3252	.0526	-.0452	.6993	.7331
.0200	-1.4735	.3338	1.3567	.1023	-.2814	.6392	.8256
.0265	-1.4512	.3388	1.3460	.1527	-.3602	.6188	.8571
.0308	-1.5186	.3226	1.3013	.2020	-.4269	.6014	.8839
.0364	-1.3919	.3547	1.3127	.2770	-.5079	.5818	.9145
.0518	-1.3426	.3699	1.2817	.3757	-.4783	.5884	.9042
.0769	-.5555	.5744	.9262	.4507	-.3310	.6258	.8463
.1019	-.4803	.5685	.9040	.5257	-.1404	.6743	.7716
.1518	-.4649	.5920	.8985	.6007	.0220	.7182	.7071
.2019	-.4220	.6027	.8820	.6755	.1584	.7510	.6527
.2519	-.4196	.6043	.8795	.7173	.2180	.7666	.6278
.3018	-.4106	.6057	.8773	.8507	.3246	.7936	.5840
.4018	-.4236	.6021	.8828	.9010	.4280	.7943	.5829
.4519	-.4279	.6009	.8847	.9508	.5283	.7816	.6036
.5020	-.4232	.6026	.8821	1.0000	.6045	.7326	.6816
.5270	-.4266	.6017	.8835				
.5520	-.4251	.6028	.8818				
.5770	-.4288	.6016	.8836				
.6020	-.4309	.6007	.8851				
.6270	-.4377	.5990	.8877				
.6519	-.4366	.5999	.8864				
.6770	-.4403	.5981	.8891				
.7020	-.4336	.6007	.8850				
.7516	-.3976	.6081	.8724				
.8017	-.3290	.6274	.8437				
.8519	-.2383	.6499	.8091				
.9012	-.1426	.6741	.7719				
.9516	-.0289	.7037	.7265				
1.0000	.0768	.7300	.6855				

TABLE II.- Continued.

PT = 1.1997 TEST 118 RUN 29 POINT 5 GRIT ***DN ***
 CN = .3935 TT = 226.3 M,INF = .7149 RC*E06 = 3.43 ALPHA = 1.76
 CM.25 = -.0983

CD2 CD1 CD3 CD4 CD5
 .01150 .01217(-.00067) .01104(-.00046) .01079(-.00071) .01071(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01098 .01166(-.00069) .01052(-.00045) .01036(-.00060) .01033(-.00063)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0757	.9852	.1460	0.0000	1.0721	.9841	.1516
.0075	-.9707	.4631	1.1089	.0100	.6764	.8836	.4239
.0101	-1.0316	.4497	1.1324	.0177	.4321	.8217	.5369
.0164	-1.4745	.3370	1.3498	.0526	-.0063	.7100	.7167
.0200	-1.5257	.3236	1.3791	.1023	-.2477	.6487	.8109
.0265	-1.5639	.3139	1.4007	.1527	-.3292	.6275	.8436
.0308	-1.5946	.3065	1.4175	.2020	-.3997	.6103	.8702
.0364	-1.4972	.3308	1.3633	.2770	-.4813	.5895	.9025
.0518	-1.4024	.3556	1.3107	.3757	-.4573	.5956	.8929
.0769	-1.0463	.4455	1.1398	.4507	-.3251	.6285	.8420
.1019	-.4595	.5949	.8940	.5257	-.1326	.6779	.7661
.1518	-.4671	.5924	.8980	.6007	.0245	.7182	.7040
.2019	-.4361	.6010	.8846	.6755	.1622	.7528	.6498
.2519	-.4338	.6016	.8837	.7173	.2224	.7685	.6248
.3018	-.4231	.6039	.8801	.8507	.3269	.7945	.5825
.4018	-.4359	.6003	.8857	.9010	.3297	.7958	.5804
.4519	-.4390	.6000	.8861	.9508	.2796	.7829	.6015
.5020	-.4313	.6023	.8825	1.0000	.0831	.7330	.6809
.5270	-.4341	.6011	.8844				
.5520	-.4309	.6025	.8822				
.5770	-.4346	.6007	.8851				
.6020	-.4388	.6006	.8852				
.6270	-.4414	.5996	.8867				
.6519	-.4441	.5990	.8876				
.6770	-.4447	.5985	.8884				
.7020	-.4375	.6004	.8884				
.7516	-.4013	.6088	.8854				
.8017	-.3304	.6273	.8725				
.8519	-.2388	.6496	.8438				
.9012	-.1435	.6741	.7720				
.9518	-.0296	.7035	.7267				
1.0000	.0760	.7310	.6841				

PT = 1.1998 TEST 118 RUN 29 POINT 6 GRIT ***DN ***
 CN = .4265 TT = 225.7 M,INF = .7162 RC*E06 = 3.44 ALPHA = 2.00
 CM.25 = -.0978

CD2 CD1 CD3 CD4 CD5
 .01218 .01258(-.00040) .01169(-.00049) .01154(-.00064) .01144(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01161 .01207(-.00046) .01114(-.00047) .01111(-.00050) .01107(-.00054)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0665	.9828	.1577	0.0000	1.0612	.9813	.1643
.0075	-1.0211	.4504	1.1310	.0100	.7079	.8909	.4094
.0101	-1.0900	.4420	1.1461	.0177	.4663	.8293	.5239
.0164	-1.5115	.3265	1.3726	.0526	.0292	.7171	.7056
.0200	-1.5548	.3135	1.4014	.1023	-.2729	.6406	.8234
.0265	-1.6213	.2960	1.4423	.1527	-.3019	.6330	.8351
.0308	-1.6310	.2936	1.4480	.2020	-.3734	.6144	.8638
.0364	-1.5934	.3037	1.4240	.2770	-.4610	.5917	.8991
.0518	-1.4603	.3372	1.3493	.3757	-.4422	.5962	.8920
.0769	-1.3812	.3564	1.3092	.4507	-.3178	.6295	.8404
.1019	-.6148	.5533	.9545	.5257	-.1234	.6783	.7654
.1518	-.4473	.5959	.8925	.6007	.0320	.7183	.7038
.2019	-.4366	.5982	.8889	.6755	.1675	.7528	.6497
.2519	-.4435	.5962	.8921	.7173	.2267	.7675	.6264
.3018	-.4362	.5978	.8896	.8507	.3310	.7950	.5817
.4018	-.4503	.5957	.8928	.9010	.3324	.7954	.5810
.4519	-.4505	.5948	.8943	.9508	.2824	.7820	.6030
.5020	-.4420	.5972	.8904	1.0000	.0832	.7366	.6846
.5270	-.4471	.5958	.8927				
.5520	-.4418	.5964	.8917				
.5770	-.4468	.5966	.8915				
.6020	-.4483	.5961	.8922				
.6270	-.4532	.5939	.8956				
.6519	-.4524	.5935	.8962				
.6770	-.4529	.5944	.8948				
.7020	-.4437	.5975	.8900				
.7516	-.4052	.6070	.8752				
.8017	-.3323	.6256	.8465				
.8519	-.2416	.6483	.8116				
.9012	-.1445	.6735	.7729				
.9518	-.0291	.7026	.7281				
1.0000	.0759	.7295	.6864				

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TABLE II.- Continued.

TEST 118 RUN 29 POINT 7 GRIT ***ON ***
 PT = 1.1997 TT = 225.6 M, INF = .7180 RC*E06 = 3.45 ALPHA = 2.26
 CN # .4747 CM.25 = -.0951

CD2	CD1	CD3	CD4	CD5
.01271	.01314(.00043)	.01228(-.00043)	.01224(-.00048)	.01201(-.00071)
CDCDR2	CDCDR1	CDCDR3	CDCDR4	CDCDR5
.01219	.01264(.00045)	.01176(-.00043)	.01181(-.00038)	.01164(-.00055)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0526	.9787	.1755	0.0000	1.0497	.9782	.1776
.0075	-1.0615	.4387	1.1518	.0100	.7368	.8980	.3949
.0101	-1.0673	.4316	1.1646	.0177	.4951	.8366	.5111
.0164	-1.5339	.3157	1.3966	.0526	.0623	.7255	.6926
.0200	-1.5874	.3041	1.4233	.1023	-.1839	.6620	.7905
.0265	-1.6571	.2852	1.4681	.1527	-.2740	.6190	.8258
.0308	-1.6665	.2835	1.4723	.2020	-.3487	.6194	.8361
.0364	-1.6383	.2911	1.4340	.2770	-.4367	.5969	.8910
.0518	-1.5533	.3135	1.4016	.3757	-.4240	.5999	.8862
.0769	-1.4232	.3454	1.3319	.4507	-.3071	.6299	.8399
.1019	-1.2827	.3806	1.2606	.5257	-.2163	.6804	.7623
.1518	-.4119	.6037	.8804	.6007	.0376	.7184	.7036
.2019	-.4246	.5999	.8863	.6755	.1735	.7531	.6492
.2519	-.4436	.5951	.8937	.7473	.2320	.7678	.6257
.3018	-.4435	.5949	.8940	.8507	.3348	.7940	.5834
.4018	-.4595	.5908	.9004	.9010	.3362	.7944	.5828
.4519	-.4619	.5921	.8984	.9508	.2855	.7820	.6030
.5020	-.4511	.5931	.8968	1.0000	.0845	.7302	.6853
.5270	-.4544	.5921	.8985				
.5520	-.4515	.5922	.8982				
.5770	-.4554	.5909	.9004				
.6020	-.4569	.5905	.9009				
.6270	-.4598	.5908	.9004				
.6519	-.4597	.5905	.9009				
.6770	-.4583	.5899	.9018				
.7020	-.4512	.5922	.8983				
.7516	-.4106	.6024	.8825				
.8017	-.3368	.6229	.8507				
.8519	-.2430	.6469	.8137				
.9012	-.1457	.6724	.7745				
.9518	-.0297	.7015	.7298				
1.0000	.0778	.7278	.6890				

TEST 118 RUN 29 POINT 8 GRIT ***ON ***
 PT = 1.1997 TT = 226.2 M, INF = .7180 RC*E06 = 3.43 ALPHA = 2.26
 CN # .4747 CM.25 = -.0947

CD2	CD1	CD3	CD4	CD5
.01330	.01370(.00040)	.01282(-.00048)	.01265(-.00065)	.01249(-.00081)
CDCDR2	CDCDR1	CDCDR3	CDCDR4	CDCDR5
.01266	.01314(.00048)	.01222(-.00044)	.01213(-.00053)	.01203(-.00064)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0543	.9791	.1739	0.0000	1.0527	.9785	.1762
.0075	-1.0474	.4389	1.1515	.0100	.7365	.8976	.3957
.0101	-1.0814	.4313	1.1652	.0177	.4967	.8358	.5124
.0164	-1.5324	.3157	1.3968	.0526	.0618	.7238	.6953
.0200	-1.5720	.3040	1.4235	.1023	-.1845	.6613	.7916
.0265	-1.6519	.2949	1.4688	.1527	-.2733	.6388	.8261
.0308	-1.6594	.2830	1.4735	.2020	-.3483	.6203	.8547
.0364	-1.6240	.2906	1.4551	.2770	-.4364	.5970	.8909
.0518	-1.5473	.3110	1.4074	.3757	-.4247	.5996	.8868
.0769	-1.4143	.3443	1.3344	.4507	-.3066	.6300	.8397
.1019	-1.3165	.3709	1.2798	.5257	-.1151	.6790	.7644
.1518	-.4128	.6036	.8805	.6007	.0375	.7185	.7034
.2019	-.4266	.6003	.8857	.6755	.1728	.7535	.6487
.2519	-.4437	.5951	.8938	.7473	.2309	.7680	.6256
.3018	-.4438	.5947	.8944	.8507	.3343	.7950	.5817
.4018	-.4596	.5908	.9005	.9010	.3348	.7953	.612
.4519	-.4609	.5903	.9013	.9508	.2842	.7826	.6020
.5020	-.4531	.5928	.8973	1.0000	.0838	.7316	.6831
.5270	-.4553	.5926	.8976				
.5520	-.4514	.5931	.8969				
.5770	-.4560	.5928	.8974				
.6020	-.4556	.5932	.8967				
.6270	-.4565	.5933	.8965				
.6519	-.4581	.5932	.8967				
.6770	-.4579	.5928	.8973				
.7020	-.4493	.5952	.8936				
.7516	-.4088	.6083	.8733				
.8017	-.3337	.6258	.8462				
.8519	-.2428	.6494	.8099				
.9012	-.1451	.6738	.7725				
.9518	-.0307	.7030	.7274				
1.0000	.0764	.7294	.6865				

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TABLE II.- Continued.

TEST 118 RUN 29 POINT 9 GRIT ***DN ***
 PT = 1.1996 TT = 225.6 M, INF = .7156 RC*E06 = 3.44 ALPHA = 2.51
 CN = .4986 CM.25 = -.0946

CD2	CD1	CD3	CD4	CD5
.01485	.01938(-.00052)	.01435(-.00051)	.01402(-.00084)	.01382(-.00103)
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5
.01393	.01458(-.00065)	.01346(-.00046)	.01331(-.00061)	.01320(-.00072)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0392	.9758	.1872	0.0000	1.0341	.9744	.1926
.0075	-1.1160	.4265	1.1740	.0100	.7651	.9056	.3788
.0101	-1.1227	.4231	1.1801	.0177	.5291	.8455	.4953
.0164	-1.5869	.3069	1.4167	.0526	.0949	.7345	.6785
.0200	-1.6274	.2961	1.4419	.1023	-.1932	.6702	.7779
.0265	-1.7013	.2760	1.4910	.1527	-.2468	.6474	.8130
.0308	-1.7077	.2736	1.4970	.2020	-.3237	.6277	.8432
.0364	-1.6850	.2814	1.4774	.2770	-.4126	.6054	.8777
.0518	-1.6161	.2983	1.4368	.3757	-.4046	.6072	.8749
.0769	-1.4858	.3310	1.3629	.4507	-.2961	.6344	.8329
.1019	-1.4097	.3487	1.3292	.5257	-.1059	.6827	.7587
.1518	-.3952	.6095	.8714	.6007	.0428	.7219	.6981
.2019	-.4090	.6060	.8768	.6755	.1771	.7599	.6449
.2519	-.4447	.5975	.8900	.7173	.2358	.7704	.6217
.3018	-.4485	.5960	.8923	.8507	.3375	.7962	.5798
.4018	-.4674	.5907	.9077	.9010	.3382	.7961	.5799
.4519	-.4680	.5901	.9015	.9508	.2863	.7832	.6010
.5020	-.4587	.5938	.8957	1.0000	.0850	.7318	.6828
.5270	-.4612	.5932	.8968				
.5520	-.4571	.5935	.8963				
.5770	-.4595	.5924	.8979				
.6020	-.4603	.5919	.8988				
.6270	-.4630	.5918	.8989				
.6519	-.4604	.5925	.8978				
.6770	-.4606	.5931	.8969				
.7020	-.4515	.5953	.8935				
.7516	-.4109	.6058	.8771				
.8017	-.3369	.6251	.8473				
.8519	-.2442	.6479	.8123				
.9012	-.1473	.6731	.7734				
.9518	-.0314	.7428	.7278				
1.0000	.0773	.7303	.6851				

TEST 118 RUN 29 POINT 10 GRIT ***DN ***
 PT = 1.1996 TT = 226.1 M, INF = .7157 RC*E06 = 3.43 ALPHA = 3.00
 CN = .5661 CM.25 = -.0920

CD2	CD1	CD3	CD4	CD5
.01806	.01856(-.00050)	.01749(-.00056)	.01718(-.00087)	.01710(-.00096)
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5
.01704	.01799(-.00054)	.01656(-.00049)	.01635(-.00069)	.01637(-.00067)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0109	.9684	.2145	0.0000	1.0063	.9670	.2192
.0075	-1.1899	.4053	1.2130	.0100	.8141	.9181	.3513
.0101	-1.1751	.4093	1.2056	.0177	.5845	.8594	.4700
.0164	-1.6474	.2901	1.4562	.0526	.1531	.7494	.6551
.0200	-1.6873	.2809	1.4788	.1023	-.0972	.6862	.7533
.0265	-1.7691	.2587	1.5356	.1527	-.1955	.6615	.7912
.0308	-1.7772	.2554	1.5444	.2020	-.2752	.6407	.8232
.0364	-1.7583	.2628	1.5248	.2770	-.3688	.6164	.8608
.0518	-1.6960	.2771	1.4881	.3757	-.3704	.6162	.8610
.0769	-1.6152	.2979	1.4378	.4507	-.2751	.6405	.8235
.1019	-1.5229	.3230	1.3805	.5257	-.0913	.6872	.7518
.1518	-1.0203	.4516	1.1289	.6007	.0511	.7238	.6952
.2019	-.3604	.6185	.8575	.6755	.1863	.7573	.6426
.2519	-.4105	.6057	.8772	.7173	.2430	.7723	.6187
.3018	-.4404	.5983	.8887	.8507	.3415	.7974	.5777
.4018	-.4762	.5893	.9029	.9010	.3422	.7980	.5767
.4519	-.4802	.5880	.9049	.9508	.2894	.7847	.5986
.5020	-.4719	.5905	.9010	1.0000	.0844	.7323	.6820
.5270	-.4721	.5889	.9035				
.5520	-.4690	.5905	.9010				
.5770	-.4688	.5905	.9010				
.6020	-.4695	.5911	.9000				
.6270	-.4711	.5909	.9003				
.6519	-.4705	.5909	.9004				
.6770	-.4680	.5912	.8998				
.7020	-.4598	.5941	.8954				
.7516	-.4151	.6046	.8790				
.8017	-.3389	.6244	.8484				
.8519	-.2488	.6481	.8118				
.9012	-.1506	.6726	.7743				
.9518	-.0342	.7021	.7288				
1.0000	.0767	.7301	.6853				

ORIGINAL FORM IS
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TABLE II.- Continued.

PT = 1.1997 TT = 225.9 RUN 29 POINT 11 GRIT ***N ***
 CM = .6301 CM.25 = -.0894 M.INF = .7131 RC*E06 = 3.43 ALPHA = 3.51

CD2 CD1 CD3 CD4 CD5
 .02248 .02291(.00042) .02224(-.00025) .02171(-.00078) .02163(-.00086)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .02137 .02185(.00048) .02111(-.00026) .02078(-.00059) .02078(-.00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9788	.9606	.2402	0.0000	.9714	.9387	.2461
.0075	-1.2593	.3842	1.2535	.0100	.8615	.9308	.3215
.0101	-1.2387	.3974	1.2280	.0177	.6396	.8739	.4429
.0164	-1.7283	.2728	1.4991	.0526	.2132	.7564	.6281
.0200	-1.7563	.2657	1.5171	.1023	-.0387	.7011	.7303
.0265	-1.8496	.2420	1.5811	.1527	-.1445	.6747	.7710
.0308	-1.8615	.2392	1.5889	.2020	-.2297	.6544	.8022
.0364	-1.8396	.2446	1.5738	.2770	-.3226	.6290	.8412
.0518	-1.7724	.2592	1.5343	.3757	-.3357	.6267	.8448
.0769	-1.7153	.2770	1.4884	.4507	-.2501	.6471	.8135
.1019	-1.6323	.2951	1.4442	.5257	-.0736	.6928	.7432
.1518	-1.5118	.3269	1.3717	.6007	.0674	.7291	.6871
.2019	-.4602	.5959	.8924	.6755	.1933	.7611	.6366
.2519	-.3666	.6176	.8585	.7173	.2506	.7758	.6131
.3018	-.4102	.6078	.8740	.8507	.3474	.8004	.5727
.4018	-.4696	.5911	.9000	.9010	.3460	.8005	.5727
.4519	-.4818	.5890	.9033	.9508	.2936	.7863	.5960
.5020	-.4752	.5912	.8998	1.0000	.0851	.7335	.6801
.5270	-.4799	.5901	.9016				
.5520	-.4742	.5917	.8990				
.5770	-.4770	.5912	.8999				
.6020	-.4764	.5920	.8986				
.6270	-.4749	.5909	.9003				
.6519	-.4723	.5919	.8988				
.6770	-.4742	.5942	.8951				
.7020	-.4588	.5950	.8939				
.7516	-.4165	.6054	.8778				
.8017	-.3429	.6252	.8471				
.8519	-.2515	.6492	.8102				
.9012	-.1955	.6741	.7719				
.9518	-.0388	.7032	.7272				
1.0000	.0746	.7328	.6812				

PT = 1.1995 TT = 226.4 RUN 29 POINT 12 GRIT ***N ***
 CM = .7200 CM.25 = -.0868 M.INF = .7167 RC*E06 = 3.43 ALPHA = 4.01

CD2 CD1 CD3 CD4 CD5
 .02803 .02853(.00051) .02777(-.00026) .02759(-.00044) .02718(-.00085)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .02672 .02735(.00064) .02648(-.00024) .02651(-.00020) .02621(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9497	.9530	.2629	0.0000	.9471	.9522	.2652
.0075	-1.3474	.3674	1.2867	.0100	.8981	.9391	.3007
.0101	-1.2360	.3922	1.2381	.0177	.6868	.8850	.4212
.0164	-1.7853	.2569	1.5403	.0526	.2624	.7770	.6111
.0200	-1.7850	.2531	1.5505	.1023	.0059	.7129	.7122
.0265	-1.8819	.2267	1.6252	.1527	-.1002	.6847	.7557
.0308	-1.8885	.2250	1.6303	.2020	-.1872	.6612	.7918
.0364	-1.8747	.2302	1.6148	.2770	-.2916	.6354	.8314
.0518	-1.8190	.2430	1.5781	.3757	-.3112	.6297	.8401
.0769	-1.7611	.2599	1.5324	.4507	-.2315	.6500	.8090
.1019	-1.7120	.2757	1.4917	.5257	-.0623	.6951	.7396
.1518	-1.6040	.3007	1.4311	.6007	.0775	.7304	.6850
.2019	-1.4834	.3291	1.3669	.6755	.2020	.7621	.6350
.2519	-.6413	.5460	.9712	.7173	.2581	.7746	.6150
.3018	-.3437	.6214	.8530	.8507	.3535	.8001	.5732
.4018	-.4350	.5978	.8895	.9010	.3515	.8003	.5730
.4519	-.4687	.5916	.8992	.9508	.2973	.7850	.5981
.5020	-.4700	.5907	.9006	1.0000	.0842	.7319	.6826
.5270	-.4780	.5886	.9038				
.5520	-.4699	.5877	.9054				
.5770	-.4748	.5884	.9043				
.6020	-.4795	.5883	.9043				
.6270	-.4777	.5863	.9075				
.6519	-.4772	.5886	.9039				
.6770	-.4743	.5865	.9071				
.7020	-.4655	.5912	.8999				
.7516	-.4214	.6013	.8842				
.8017	-.3507	.6208	.8539				
.8519	-.2569	.6433	.8193				
.9012	-.1605	.6691	.7797				
.9518	-.0430	.6989	.7338				
1.0000	.0781	.7283	.6882				

CRACKS OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 29 POINT 13 GRIT ***DN ***
 PT = 1.1994 TT = 227.1 M,INF = .7149 RC*E06 = 3.41 ALPHA = 9.00
 CM = .8719 CM,25 = -.0R53

CD2 CD1 CD3 CD4 CD5
 .04233 .04271(.00038) .04273(.00041) .04190(-.00043) *****
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .04084 .04139(.00034) .04131(.00048) .04072(-.00012) *****

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	.8826	.9358	.3090	0.0000	.8786	.9351	.3108
.0075	-1.4698	.3385	1.3467	.0100	.9667	.9373	.2503
.0101	-1.3693	.3631	1.2955	.0177	.7665	.9058	.3784
.0164	-1.8979	.2274	1.6230	.0526	.3563	.8011	.5717
.0200	-1.8830	.2301	1.6152	.1023	.0976	.7359	.6764
.0265	-2.0706	.2015	1.7036	.1527	-.0205	.7067	.7217
.0308	-2.0128	.1993	1.7108	.2020	-.1128	.6833	.7579
.0364	-1.9880	.2033	1.6979	.2770	-.2185	.6560	.7997
.0518	-1.9316	.2163	1.6365	.3757	-.2541	.6466	.8143
.0769	-1.8748	.2310	1.6124	.4507	-.1907	.6633	.7886
.1019	-1.8282	.2433	1.5719	.5257	-.0343	.7023	.7286
.1518	-1.7540	.2663	1.5137	.6007	.0968	.7370	.6746
.2019	-1.6781	.2896	1.4673	.6755	.2154	.7666	.6278
.2519	-1.5950	.3060	1.4188	.7173	.2698	.7791	.6076
.3018	-.9266	.4754	1.0878	.8507	.3588	.8021	.5699
.4018	-.3775	.6158	.8617	.9010	.3562	.8010	.5702
.4519	-.3983	.6095	.8713	.9508	.3001	.7886	.5922
.5020	-.4290	.6036	.8805	1.0000	.0824	.7317	.6830
.5270	-.4433	.5992	.8874				
.5520	-.4428	.5972	.8905				
.5770	-.4244	.5948	.8943				
.6020	-.4608	.5939	.8956				
.6270	-.4683	.5937	.8959				
.6519	-.4645	.5922	.8982				
.6770	-.4704	.5922	.8982				
.7020	-.4615	.5946	.8946				
.7516	-.4198	.6028	.8818				
.8017	-.3533	.6226	.8511				
.8519	-.2631	.6432	.8163				
.9012	-.1894	.6676	.7819				
.9518	-.0559	.6981	.7350				
1.0000	.0695	.7294	.6864				

TEST 118 RUN 30 POINT 1 GRIT ***DN ***
 PT = 1.1994 TT = 225.9 M,INF = .7382 RC*E06 = 3.50 ALPHA = .06
 CM = .1601 CM,25 = -.1043

CD2 CD1 CD3 CD4 CD5
 .00945 .01042(.00098) .00901(-.00044) .00897(-.00047) .00870(-.00075)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00890 .00987(.00097) .00852(-.00038) .00857(-.00033) .00834(-.00057)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	1.1452	1.0007	0.0000	0.0000	1.1442	1.0003	0.0000
.0075	-.4873	.5682	.9359	.0100	.4088	.8055	.5643
.0101	-.6360	.5296	.9976	.0177	.1542	.7383	.6726
.0164	-.9467	.4471	1.1369	.0526	-.2781	.6231	.8504
.0200	-.9163	.4515	1.1292	.1023	-.9212	.5974	.9530
.0265	-.7389	.5014	1.0439	.1527	-.5807	.5424	.9770
.0308	-.7993	.4864	1.0690	.2020	-.6346	.5288	.9989
.0364	-.7016	.5086	1.0320	.2770	-.7255	.5045	1.0388
.0518	-.4537	.5774	.9215	.3757	-.6502	.5246	1.0058
.0769	-.4017	.5903	.9012	.4507	-.4288	.5849	.9096
.1019	-.3747	.5964	.8917	.5257	-.1891	.6462	.8148
.1518	-.3333	.6081	.8736	.6007	-.0144	.6921	.7442
.2019	-.3035	.6166	.8604	.6755	.1348	.7313	.6836
.2519	-.3120	.6141	.8642	.7173	.1981	.7486	.6564
.3018	-.3157	.6132	.8656	.8507	.3131	.7797	.6068
.4018	-.3494	.6059	.8769	.9010	.3213	.7809	.6048
.4519	-.3624	.6002	.8859	.9508	.2774	.7694	.6233
.5020	-.3664	.5986	.8883	1.0000	.1008	.7232	.6962
.5270	-.3756	.5954	.8933				
.5520	-.3791	.5932	.8936				
.5770	-.3873	.5938	.8958				
.6020	-.3958	.5899	.9019				
.6270	-.4054	.5877	.9052				
.6519	-.4117	.5871	.9063				
.6770	-.4193	.5830	.9126				
.7020	-.4207	.5820	.9142				
.7516	-.3911	.5910	.9001				
.8017	-.3248	.6092	.8718				
.8519	-.2394	.6324	.8361				
.9012	-.1453	.6578	.7974				
.9518	-.0258	.6889	.7493				
1.0000	.0944	.7200	.7012				

ORDER OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 30 POINT 2 GRIT ***ON ***
 PT = 1.1995 TT = 225.6 M,INF = .7351 RC*E06 = 3.50 ALPHA = 1.00
 CM = .2959 CM.25 = -.1020

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.0000	1.1207	.9941	.0916	0.0000	1.1192	.9937	.0946		
.0075	-.7294	.5042	1.0393	.0100	.5739	.8494	.4882		
.0101	-.8283	.4781	1.0832	.0177	.3225	.7831	.6011		
.0164	-1.2277	.3724	1.2768	.0526	-.1158	.6874	.7823		
.0260	-1.3083	.3527	1.3168	.1023	-.3599	.6030	.8815		
.0265	-1.2540	.3656	1.2904	.1527	-.4358	.5832	.9223		
.0308	-1.3200	.3479	1.3269	.2020	-.5034	.5663	.9390		
.0364	-1.1928	.3832	1.2555	.2770	-.5909	.5421	.9775		
.0518	-1.1421	.3958	1.2311	.3737	-.5469	.5329	.9602		
.0764	-.4327	.5836	.9116	.4507	-.3708	.5995	.8870		
.1019	-.4645	.5754	.9246	.5237	-.1593	.6565	.7990		
.1518	-.4316	.5843	.9106	.6007	-.0047	.6967	.7372		
.2519	-.3903	.5960	.8923	.6735	.1524	.7384	.6724		
.3018	-.3900	.5951	.8937	.7173	.2145	.7549	.6465		
.4018	-.3848	.5958	.8928	.8507	.3243	.7835	.6005		
.4519	-.4081	.5896	.9023	.9010	.3279	.7845	.5990		
.5020	-.4164	.5886	.9038	.9508	.2867	.7721	.6189		
.5270	-.4130	.5887	.9037	1.0000	.0910	.7220	.6980		
.5270	-.4201	.5872	.9061						
.5520	-.4187	.5876	.9055						
.5770	-.4249	.5854	.9090						
.6020	-.4306	.5838	.9114						
.6270	-.4372	.5823	.9137						
.6519	-.4411	.5813	.9153						
.6770	-.4443	.5803	.9169						
.7020	-.4379	.5817	.9148						
.7516	-.4038	.5914	.8995						
.8017	-.3286	.6111	.8690						
.8519	-.2386	.6342	.8333						
.9012	-.1413	.6597	.7940						
.9518	-.0239	.6910	.7459						
1.0000	.0833	.7198	.7014						

TEST 118 RUN 30 POINT 3 GRIT ***ON ***
 PT = 1.1995 TT = 225.7 M,INF = .7376 RC*E06 = 3.50 ALPHA = 1.50
 CM = .3669 CM.25 = -.1010

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.0000	1.1024	.9895	.1227	0.0000	1.1004	.9889	.1263		
.0075	-.8398	.4762	1.0864	.0100	.6439	.8681	.4530		
.0101	-.9081	.4581	1.1176	.0177	.3966	.8022	.5698		
.0164	-1.3301	.3477	1.3273	.0526	-.0328	.6882	.7503		
.0200	-1.3808	.3319	1.3669	.1023	-.2901	.6212	.8534		
.0265	-1.4410	.3166	1.3941	.1527	-.3717	.5988	.8881		
.0308	-1.4476	.3149	1.3989	.2020	-.4464	.5794	.9182		
.0364	-1.4071	.3249	1.3761	.2770	-.3377	.5534	.9594		
.0518	-1.2755	.3591	1.3037	.3737	-.5081	.5410	.9474		
.0769	-1.1898	.3814	1.2590	.4507	-.3459	.6051	.8781		
.1019	-.4302	.5841	.9109	.5237	-.1427	.6582	.7963		
.1518	-.4303	.5832	.9123	.6007	.0210	.7016	.7297		
.2019	-.4151	.5877	.9053	.6735	.1621	.7390	.6716		
.2519	-.4193	.5848	.9098	.7173	.2229	.7556	.6453		
.3018	-.4162	.5854	.9089	.8507	.3306	.7835	.6006		
.4018	-.4369	.5809	.9159	.9010	.3338	.7848	.5984		
.4519	-.4419	.5787	.9193	.9508	.2842	.7716	.6197		
.5020	-.4359	.5802	.9171	1.0000	.0890	.7202	.7008		
.5270	-.4403	.5788	.9193						
.5520	-.4402	.5796	.9180						
.5770	-.4446	.5772	.9218						
.6020	-.4486	.5770	.9221						
.6270	-.4339	.5755	.9244						
.6519	-.4364	.5755	.9244						
.6770	-.4371	.5750	.9252						
.7020	-.4495	.5762	.9233						
.7516	-.4103	.5864	.9074						
.8017	-.3343	.6070	.8752						
.8519	-.2406	.6324	.8360						
.9012	-.1410	.6588	.7954						
.9518	-.0244	.6892	.7487						
1.0000	.0809	.7179	.7044						

TABLE II.- Continued.

TEST 118 RUN 30 POINT 4 GRIT ***DM ***
 PT = 1.1994 TT = 225.9 M,INF = .7352 RC*E06 = 3.49 ALPHA = 1.75
 CM = .4116 CM.25 = -.0986

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0042	.9871	.1360	0.0000	1.0962	.9858	.1430
.0075	-.8713	.4646	1.1064	.0100	.6758	.8765	.4379
.0101	-.9410	.4487	1.1342	.0177	.4309	.8116	.5540
.0164	-1.3612	.3371	1.3496	.0526	-.0085	.6958	.7386
.0200	-1.4170	.3223	1.3819	.1023	-.2544	.6305	.8390
.0265	-1.4840	.3050	1.4212	.1527	-.3406	.6079	.8739
.0308	-1.4906	.3032	1.4252	.2020	-.4154	.5881	.9047
.0364	-1.4605	.3108	1.4078	.2770	-.5088	.5630	.9441
.0518	-1.3690	.3352	1.3537	.3757	-.4832	.5696	.9337
.0769	-1.2516	.3672	1.2872	.4507	-.3237	.6099	.8707
.1019	-.9986	.4336	1.1610	.5257	-.1234	.6623	.7901
.1518	-.4078	.5901	.9015	.6607	.0278	.7048	.7247
.2019	-.4125	.5888	.9036	.6755	.1069	.7423	.6664
.2519	-.4275	.5845	.9103	.7173	.2272	.7578	.6410
.3018	-.4265	.5846	.9102	.8507	.3334	.7860	.5964
.4018	-.4475	.5799	.9176	.9010	.3351	.7864	.5958
.4519	-.4509	.5783	.9200	.9508	.2864	.7727	.6179
.5020	-.4431	.5801	.9172	1.0000	.0892	.7212	.6993
.5270	-.4503	.5792	.9186				
.5520	-.4467	.5796	.9181				
.5770	-.4519	.5784	.9189				
.6020	-.4546	.5771	.9219				
.6270	-.4586	.5752	.9249				
.6519	-.4604	.5758	.9240				
.6770	-.4624	.5751	.9290				
.7020	-.4537	.5770	.9221				
.7516	-.4139	.5884	.9043				
.8017	-.3352	.6090	.8721				
.8519	-.2418	.6339	.8337				
.9012	-.1425	.6597	.7940				
.9518	-.0256	.6967	.7464				
1.0000	.0812	.7190	.7027				

TEST 118 RUN 30 POINT 5 GRIT ***DM ***
 PT = 1.1997 TT = 225.7 M,INF = .7362 RC*E06 = 3.50 ALPHA = 2.00
 CM = .4382 CM.25 = -.0982

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0839	.9843	.1505	0.0000	1.0818	.9839	.1523
.0075	-.9308	.4516	1.1290	.0100	.7054	.8840	.4231
.0101	-.9683	.4407	1.1484	.0177	.4639	.8202	.5395
.0164	-1.3950	.3270	1.3715	.0526	.0277	.7043	.7254
.0200	-1.4538	.3136	1.4015	.1023	-.2217	.6377	.8278
.0265	-1.5185	.2948	1.4491	.1527	-.3127	.6142	.8640
.0308	-1.5246	.2934	1.4483	.2020	-.3900	.5942	.8931
.0364	-1.5045	.3001	1.4324	.2770	-.4835	.5696	.9338
.0518	-1.4360	.3170	1.3938	.3757	-.4653	.5732	.9280
.0769	-1.3146	.3485	1.3256	.4507	-.3241	.6123	.8670
.1019	-1.2341	.3690	1.2835	.5257	-.1256	.6636	.7881
.1518	-.3507	.6042	.8797	.6007	.0329	.7052	.7241
.2019	-.3908	.5940	.8994	.6755	.1719	.7426	.6659
.2519	-.4246	.5851	.9093	.7173	.2311	.7588	.6402
.3018	-.4312	.5823	.9138	.8507	.3362	.7866	.5956
.4018	-.4564	.5774	.9215	.9010	.3387	.7870	.5949
.4519	-.4608	.5747	.9257	.9508	.2879	.7746	.6149
.5020	-.4527	.5763	.9232	1.0000	.0896	.7215	.6989
.5270	-.4575	.5757	.9241				
.5520	-.4549	.5774	.9215				
.5770	-.4590	.5761	.9235				
.6020	-.4625	.5748	.9256				
.6270	-.4658	.5757	.9240				
.6519	-.4652	.5748	.9256				
.6770	-.4668	.5745	.9260				
.7020	-.4572	.5764	.9231				
.7516	-.4155	.5879	.9049				
.8017	-.3382	.6073	.8749				
.8519	-.2433	.6324	.8360				
.9012	-.1445	.6592	.7949				
.9518	-.0259	.6901	.7474				
1.0000	.0810	.7193	.7022				

TABLE II.- Continued.

TEST 110 RUN 30 POINT 6 GRIT ***DN ***
 PT = 1.1997 TT = 226.1 M,INF = .7376 RC*E06 = 3.90 ALPHA = 2.25
 CM = .4719 CM,25 = -.0979

CD2 CD1 CD3 CD4 CD5
 .01414 .01430(.00066) .01366(-.00048) .01349(-.00044) .01331(-.00083)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01322 .01401(.00078) .01282(-.00041) .01280(-.00044) .01270(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0755	.9819	.1618	0.0000	1.0703	.9800	.1664
.0075	-.9611	.4396	1.1503	.0100	.7324	.8906	.4100
.0101	-.9896	.4324	1.1632	.0177	.4953	.8270	.3278
.0164	-1.4239	.3176	1.3925	.0326	.0395	.7119	.8138
.0200	-1.4680	.3050	1.4211	.1023	-.1917	.6448	.8170
.0265	-1.5451	.2848	1.4690	.1527	-.2838	.6212	.8533
.0308	-1.5497	.2834	1.4726	.2020	-.3631	.5989	.8863
.0364	-1.5254	.2897	1.4572	.2770	-.4378	.5743	.9263
.0518	-1.4644	.3047	1.4218	.3757	-.4671	.5786	.9196
.0769	-1.3878	.3272	1.3711	.4507	-.3138	.6641	.8643
.1019	-1.2919	.3923	1.3177	.5257	-.1168	.6656	.7849
.1518	-.6363	.5276	1.0008	.6007	.0405	.7073	.7208
.2019	-.3453	.6046	.8789	.6755	.1774	.7436	.8643
.2519	-.4031	.5888	.9035	.7173	.2368	.7592	.8396
.3018	-.4287	.5835	.9119	.8507	.3398	.7861	.5962
.4018	-.4638	.5743	.9263	.9010	.3418	.7872	.5944
.4519	-.4691	.5722	.9297	.9508	.2920	.7743	.6134
.5020	-.4616	.5740	.9267	1.0000	.0916	.7207	.7001
.5270	-.4655	.5729	.9285				
.5520	-.4621	.5736	.9274				
.5770	-.4657	.5719	.9301				
.6020	-.4690	.5720	.9299				
.6270	-.4714	.5719	.9301				
.6519	-.4720	.5711	.9314				
.6770	-.4714	.5710	.9315				
.7020	-.4610	.5735	.9276				
.7516	-.4205	.5854	.9089				
.8017	-.3419	.6060	.8768				
.8519	-.2452	.6319	.8368				
.9012	-.1456	.6582	.7963				
.9518	-.0271	.6896	.7481				
1.0000	.0829	.7183	.7039				

TEST 110 RUN 30 POINT 7 GRIT ***DN ***
 PT = 1.1998 TT = 225.9 M,INF = .7373 RC*E06 = 3.90 ALPHA = 2.51
 CM = .5190 CM,25 = -.0952

CD2 CD1 CD3 CD4 CD5
 .01559 .01629(.00071) .01514(-.00044) .01508(-.00051) .01487(-.00071)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01465 .01541(.00076) .01424(-.00042) .01436(-.00029) .01419(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0600	.9779	.1789	0.0000	1.0600	.9777	.1796
.0075	-1.0061	.4284	1.1704	.0100	.7614	.8984	.3940
.0101	-1.0239	.4245	1.1775	.0177	.5260	.8360	.3121
.0164	-1.4636	.3081	1.4138	.0526	.0919	.7209	.6998
.0200	-1.5082	.2970	1.4398	.1023	-.1391	.6538	.8031
.0265	-1.5804	.2761	1.4906	.1527	-.2567	.6284	.8423
.0308	-1.5890	.2745	1.4948	.2020	-.3362	.6067	.8790
.0364	-1.5696	.2807	1.4792	.2770	-.4343	.5810	.9157
.0518	-1.5128	.2945	1.4457	.3757	-.4255	.5826	.9132
.0769	-1.4398	.3143	1.3998	.4507	-.3043	.6149	.8630
.1019	-1.3595	.3348	1.3546	.4507	-.4255	.6674	.7822
.1518	-1.2229	.3720	1.2776	.5257	-.1083	.6643	.7193
.2019	-.3133	.6127	.8664	.6007	.0449	.7083	.7193
.2519	-.3707	.5979	.8894	.6755	.1815	.7449	.6622
.3018	-.4106	.5866	.9071	.7173	.2409	.7601	.6381
.4018	-.4642	.5724	.9293	.8507	.3433	.7877	.5936
.4519	-.4739	.5703	.9326	.9010	.3458	.7882	.5920
.5020	-.4677	.5722	.9296	.9508	.2936	.7741	.6138
.5270	-.4713	.5718	.9303	1.0000	.0919	.7211	.6995
.5520	-.4669	.5721	.9298				
.5770	-.4717	.5715	.9308				
.6020	-.4733	.5708	.9319				
.6270	-.4773	.5692	.9343				
.6519	-.4739	.5704	.9324				
.6770	-.4769	.5704	.9325				
.7020	-.4668	.5716	.9306				
.7516	-.4218	.5844	.9104				
.8017	-.3433	.6058	.8771				
.8519	-.2473	.6314	.8376				
.9012	-.1482	.6575	.7974				
.9518	-.0282	.6890	.7491				
1.0000	.0836	.7190	.7027				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 30 POINT 8 GRIT ***DN ***
PT = 1.1993 TT = 226.7 M,INF = .7354 RC*E06 = 3.48 ALPHA = 3.01
CM = .5940 CM,25 = -.0932

CD2 CD1 CD3 CD4 CD5
.01917 .01985(.00068) .01894(-.00023) .01884(-.00033) .01850(-.00067)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01800 .01875(-.00076) .01780(-.00020) .01768(-.00012) .01767(-.00033)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0348	.9715	.2036	0.0000	1.0218	.9708	.2059
.0075	-1.0950	.4092	1.2058	.0100	.8110	.9120	.3644
.0101	-1.0856	.4118	1.2010	.0177	.5837	.8519	.4837
.0164	-1.5311	.2926	1.4503	.0526	.1530	.7375	.6737
.0200	-1.5703	.2822	1.4754	.1023	-.1006	.6704	.7777
.0265	-1.6507	.2596	1.5130	.1927	-.2013	.6424	.8207
.0308	-1.6709	.2572	1.5394	.2020	-.2853	.6223	.8516
.0364	-1.6431	.2630	1.5243	.2770	-.3854	.5960	.8924
.0518	-1.5890	.2765	1.4896	.3757	-.3896	.5956	.8929
.0769	-1.5214	.2936	1.4480	.4507	-.2833	.6220	.8521
.1019	-1.4622	.3095	1.4107	.5257	-.0898	.6735	.7728
.1518	-1.3534	.3361	1.3519	.6007	.0662	.7149	.7091
.2019	-1.0180	.4285	1.1703	.6755	.1921	.7481	.6572
.2519	-.3384	.6090	.8722	.7173	.2503	.7635	.6328
.3018	-.3615	.6031	.8814	.8507	.3504	.7910	.5883
.4018	-.4482	.5783	.9200	.9010	.3501	.7907	.5888
.4519	-.4690	.5731	.9282	.9368	.2990	.7770	.6111
.5020	-.4691	.5731	.9282	1.0000	.0952	.7225	.6973
.5270	-.4751	.5713	.9310				
.5520	-.4699	.5726	.9290				
.5770	-.4777	.5724	.9294				
.6020	-.4811	.5711	.9314				
.6270	-.4818	.5706	.9322				
.6519	-.4802	.5701	.9329				
.6770	-.4798	.5695	.9339				
.7020	-.4701	.5747	.9257				
.7516	-.4244	.5851	.9094				
.8017	-.3469	.6080	.8768				
.8519	-.2516	.6311	.8380				
.9012	-.1530	.6586	.7938				
.9518	-.0311	.6895	.7484				
1.0000	.0868	.7198	.7015				

TEST 118 RUN 31 POINT 9 GRIT ***DN ***
PT = 1.1993 TT = 226.6 M,INF = .7361 RC*E06 = 3.48 ALPHA = 3.53
CM = .6863 CM,25 = -.0915

CD2 CD1 CD3 CD4 CD5
.02376 .02444(.00069) .02386(.00010) .02401(.00026) .02243(-.00133)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.02255 .02327(.00072) .02284(.00029) .02312(.00057) .02159(-.00096)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0071	.9637	.2304	0.0000	1.0021	.9629	.2328
.0075	-1.1665	.3897	1.2427	.0100	.8368	.9244	.3367
.0101	-1.1373	.3950	1.2326	.0177	.6434	.8677	.4546
.0164	-1.5822	.2753	1.4926	.0526	.2085	.7522	.6507
.0200	-1.6198	.2675	1.5125	.1023	-.0489	.6841	.7586
.0265	-1.7197	.2431	1.5779	.1927	-.1944	.6569	.7984
.0308	-1.7181	.2409	1.5839	.2020	-.2393	.6343	.8331
.0364	-1.7018	.2458	1.5704	.2770	-.3450	.6052	.8760
.0518	-1.6535	.2589	1.5351	.3757	-.3964	.6024	.8824
.0769	-1.5965	.2750	1.4934	.4507	-.2673	.6270	.8444
.1019	-1.5367	.2899	1.4571	.5257	-.0773	.6758	.7694
.1518	-1.4595	.3116	1.4059	.6007	.0678	.7157	.7078
.2019	-1.3761	.3335	1.3374	.6755	.2001	.7497	.6547
.2519	-1.1705	.3863	1.2495	.7173	.2551	.7652	.6300
.3018	-.3702	.5987	.8881	.8507	.3541	.7912	.5880
.4018	-.3966	.5927	.8974	.9010	.3537	.7913	.5879
.4519	-.4345	.5809	.9159	.9588	.3004	.7775	.6103
.5020	-.4553	.5773	.9216	1.0000	.0929	.7222	.6978
.5270	-.4631	.5736	.9273				
.5520	-.4688	.5737	.9273				
.5770	-.4738	.5714	.9308				
.6020	-.4795	.5708	.9318				
.6270	-.4860	.5697	.9336				
.6519	-.4850	.5692	.9343				
.6770	-.4878	.5688	.9350				
.7020	-.4756	.5712	.9312				
.7516	-.4357	.5836	.9117				
.8017	-.3571	.6023	.8825				
.8519	-.2582	.6284	.8421				
.9012	-.1417	.6540	.8029				
.9518	-.0400	.6874	.7514				
1.0000	.0845	.7201	.7010				

ORDER OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 31 POINT 10 GRIT ***ON***
 PT = 1.1996 TT = 226.4 M.INF = .7347 RC*E06 = 3.48 ALPHA = 4.02
 CM = .7618 CM.25 = -.0903
 CDZ CD1 CD3 CD4 CD5
 .02995 (.3032(.00038) .03030(.00036) .03066(.00011) *****
 CDCOR2 (CDCR1 CDCOR3 CDCOR4 CDCOR5
 .02892 .02896(.00044) .02893(.00041) .02895(.00042) *****

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.4767	.9559	.2544	0.0000	.9744	.9553	.2563
.0075	-1.2256	.3723	1.2770	.0100	.8957	.9347	.3120
.0101	-1.1831	.3848	1.2524	.0177	.6911	.8602	.4307
.0164	-1.6547	.2588	1.5352	.0526	.2602	.7657	.6293
.0200	-1.6800	.2555	1.5440	.1023	.0020	.6983	.7347
.0265	-1.7715	.2289	1.6186	.1527	-.1076	.6712	.7764
.0308	-1.7776	.2275	1.6226	.2020	-.1953	.6467	.8140
.0364	-1.7704	.2317	1.6105	.2770	-.0837	.6187	.8571
.0518	-1.7095	.2439	1.5757	.3757	-.3206	.6155	.8621
.0769	-1.6494	.2587	1.5349	.4507	-.2427	.6343	.8331
.1019	-1.6056	.2730	1.4984	.5257	-.0667	.6826	.7589
.1518	-1.5418	.2537	1.4477	.6007	.0814	.7188	.7051
.2019	-1.4626	.3121	1.4049	.6755	.2073	.7530	.6495
.2519	-1.4135	.3260	1.3737	.7173	.2630	.7677	.6200
.3018	-.8203	.4841	1.0729	.8507	.3597	.7939	.5825
.4018	-.3536	.6045	.8792	.9010	.3597	.7931	.5848
.4519	-.3861	.5967	.8913	.9508	.3067	.7781	.6093
.5020	-.4113	.5882	.9045	1.0000	.0925	.7231	.6963
.5270	-.4342	.5839	.9119				
.5520	-.4425	.5814	.9152				
.5770	-.4563	.5788	.9192				
.6020	-.4688	.5763	.9232				
.6270	-.4714	.5731	.9282				
.6519	-.4757	.5733	.9279				
.6770	-.4768	.5713	.9311				
.7020	-.4744	.5754	.9246				
.7516	-.4311	.6854	.9090				
.8017	-.3529	.6032	.8811				
.8519	-.2631	.6289	.8414				
.9012	-.1614	.6560	.7998				
.9518	-.0428	.6872	.7518				
1.0000	.0852	.7200	.7011				

TEST 110 RUN 31 POINT 11 GRIT ***ON***
 PT = 1.1998 TT = 227.0 M.INF = .7337 RC*E06 = 3.47 ALPHA = 3.52
 CM = .8643 CM.25 = -.0911
 CDZ CD1 CD3 CD4 CD5
 .02414 .02488(.00074) .02407(-.00006) .02363(-.00030) *****
 CDCOR2 (CDCR1 CDCOR3 CDCOR4 CDCOR5
 .02256 .02346(.00090) .02254(-.00002) .02242(-.00014) *****

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0025	.9634	.2312	0.0000	.9998	.9622	.2352
.0075	-1.1717	.3876	1.2469	.0100	.8349	.9240	.3376
.0101	-1.1439	.3761	1.2305	.0177	.6426	.8477	.4545
.0164	-1.6104	.2757	1.4916	.0526	.2053	.7855	.6500
.0200	-1.6332	.2650	1.5150	.1023	-.0525	.6843	.7565
.0265	-1.7208	.2434	1.5771	.1527	-.1567	.6572	.7979
.0308	-1.7290	.2415	1.5827	.2020	-.2424	.6356	.8311
.0364	-1.7029	.2465	1.5684	.2770	-.3438	.6096	.8713
.0518	-1.6595	.2588	1.5352	.3757	-.3560	.6065	.8461
.0769	-1.6025	.2753	1.4927	.4507	-.2652	.6296	.8403
.1019	-1.5626	.2906	1.4531	.5257	-.0776	.6789	.7646
.1518	-1.4626	.3126	1.4037	.6007	.0491	.7171	.7056
.2019	-1.1106	.3359	1.3523	.6755	.1970	.7518	.6514
.2519	-.7905	.5027	1.0418	.7173	.1545	.7661	.6287
.3018	-.3275	.6139	.8645	.8507	.3328	.7916	.5873
.4018	-.4113	.5911	.8999	.9010	.3338	.7910	.5882
.4519	-.4493	.5810	.9157	.9508	.2995	.7769	.6112
.5020	-.4583	.5781	.9204	1.0000	.0927	.7226	.6971
.5270	-.4722	.5758	.9239				
.5520	-.4682	.5755	.9244				
.5770	-.4748	.5731	.9282				
.6020	-.4760	.5713	.9311				
.6270	-.4812	.5703	.9326				
.6519	-.4833	.5704	.9325				
.6770	-.4888	.5705	.9322				
.7020	-.4749	.5731	.9282				
.7516	-.4334	.5838	.9114				
.8017	-.3531	.6039	.8801				
.8519	-.2609	.6305	.8390				
.9012	-.1618	.6574	.7976				
.9518	-.0396	.6894	.7485				
1.0000	.0826	.7207	.7001				

TABLE II.- Continued.

ORIGINAL TEST REPORT
OF POOR QUALITY

PT = 1.1999 TEST 148 RUN 31 POINT 12 GRIT ***DN ***
CN = .7786 CM.25 = -.0909 M.INF = .7322 RC*E06 = 3.47 ALPHA = 4.01

CD2 CD1 CD3 CD4 CD5
.03053 .03115(.00062) .03076(.00023) .03009(-.00045) *****
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.02878 .02963(.00085) .02918(.00040) .02873(-.00005) *****

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9736	.9559	.2546	0.0000	.9682	.9542	.2594
.0075	-1.2530	.3687	1.2841	.0100	.8959	.9352	.3106
.0125	-1.2152	.3821	1.2577	.0177	.6908	.8812	.4287
.0164	-1.6742	.2592	1.5343	.0526	.2591	.7674	.6266
.0200	-1.7091	.2513	1.5554	.1023	.0033	.7002	.7318
.0265	-1.7840	.2291	1.6179	.1927	-.1082	.6724	.7746
.0308	-1.6079	.2266	1.6253	.2020	-.1938	.6484	.8114
.0364	-1.7877	.2306	1.6134	.2770	-.3001	.6209	.8537
.0518	-1.7284	.2439	1.5757	.3757	-.3220	.6144	.8639
.0769	-1.6722	.2584	1.5364	.4907	-.2400	.6370	.8290
.1019	-1.6197	.2728	1.4901	.5257	-.0559	.6850	.7152
.1518	-1.5525	.2935	1.4480	.6007	.0806	.7208	.6999
.2019	-1.4712	.3120	1.4050	.6759	.2072	.7548	.6466
.2519	-1.4194	.3276	1.3702	.7173	.2636	.7697	.6228
.3018	-.9512	.4486	1.1343	.8507	.3588	.7942	.5830
.4018	-.3705	.6026	.8820	.9010	.3563	.7934	.5843
.4519	-.3992	.5947	.8944	.9508	.3033	.7796	.6068
.5020	-.4246	.5879	.9050	1.0000	.0921	.7235	.6957
.5270	-.4432	.5840	.9111				
.5520	-.4478	.5830	.9127				
.5770	-.4589	.5792	.9186				
.6020	-.4632	.5768	.9224				
.6270	-.4743	.5792	.9249				
.6519	-.4759	.5739	.9269				
.6770	-.4784	.5739	.9270				
.7020	-.4712	.5756	.9243				
.7518	-.4318	.5873	.9059				
.8017	-.3564	.6054	.8778				
.8519	-.2607	.6310	.8382				
.9012	-.1626	.6564	.7991				
.9518	-.0412	.6879	.7508				
1.0000	.0840	.7218	.6983				

PT = 1.1999 TEST 118 RUN 32 POINT 1 GRIT ***DN ***
CN = .1501 CM.25 = -.1044 M.INF = .7574 RC*E06 = 3.56 ALPHA = .00

CD2 CD1 CD3 CD4 CD5
.00942 .01064(.00101) .00921(-.00041) .00870(-.00093) .00832(-.00130)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00907 .01005(.00098) .00873(-.00035) .00836(-.00078) .00796(-.00112)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.577	.9998	.0149	0.0000	1.1505	.9999	.0112
.0075	-.4486	.5620	.9457	.0100	.4219	.8002	.5732
.0101	-.5861	.5236	1.0074	.0177	.1708	.7317	.6830
.0164	-.9177	.4325	1.1631	.0526	-.2747	.6083	.8733
.0200	-.9341	.4289	1.1695	.1023	-.9273	.5396	.9815
.0265	-.7773	.4715	1.0944	.1527	-.5919	.5217	1.0105
.0308	-.8322	.4561	1.1210	.2020	-.6521	.5050	1.0379
.0364	-.7418	.4816	1.0772	.2770	-.7896	.4670	1.1021
.0518	-.4841	.5523	.9611	.3757	-.7682	.4726	1.0925
.0769	-.4032	.5730	.9284	.4507	-.4562	.5595	.9497
.1019	-.3626	.5793	.9185	.5257	-.1874	.6310	.8331
.1518	-.3398	.5908	.9004	.6007	-.0124	.6804	.7623
.2019	-.3099	.5989	.8878	.6755	.1368	.7213	.6991
.2519	-.3199	.5960	.8923	.7173	.2005	.7388	.6718
.3018	-.3242	.5946	.8945	.8507	.3165	.7700	.6223
.4018	-.3608	.5856	.9085	.9010	.3217	.7724	.6184
.4519	-.3740	.5818	.9145	.9508	.2807	.7599	.6384
.5020	-.3779	.5800	.9173	1.0000	.1009	.7105	.7159
.5270	-.3869	.5776	.9212				
.5520	-.3807	.5767	.9225				
.5770	-.3982	.5734	.9278				
.6020	-.4100	.5717	.9304				
.6270	-.4174	.5671	.9376				
.6519	-.4282	.5647	.9414				
.6770	-.4370	.5624	.9452				
.7020	-.4335	.5639	.9427				
.7518	-.4031	.5730	.9283				
.8017	-.3305	.5926	.8977				
.8519	-.2384	.6179	.8385				
.9012	-.1421	.6450	.8167				
.9518	-.0215	.6778	.7662				
1.0000	.0944	.7087	.7187				

ORIGINAL FILED IN
OF POOR QUALITY

TABLE II.- Continued.

PT = 1.1999 TEST 118 RUN 32 POINT 2 GRIT ***DM ***
 CN = .2981 TT = 225.4 M, INF = .7530 RC*E06 = 3.99 ALPHA = 1.00
 CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00968 .01057(.00089) .00924(-.00044) .J0891(-.00078) .00876(-.00092)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	1.1297	.9944	.0893	0.0000	1.1278	.9940	.0929
.0075	-.6723	.5029	1.0414	.0100	.5772	.8438	.4983
.0101	-.7740	.4745	1.0892	.0177	.3316	.7774	.6104
.0164	-1.1578	.3699	1.2817	.0526	-.1130	.6567	.7986
.0200	-1.2385	.3509	1.3205	.1023	-.3666	.5887	.9037
.0265	-1.2699	.3411	1.3412	.1527	-.4475	.5664	.9388
.0308	-1.2809	.3361	1.3918	.2020	-.5210	.5456	.9718
.0364	-1.2167	.3568	1.3083	.2770	-.6268	.5159	1.0199
.0516	-1.1007	.3876	1.2469	.3757	-.5876	.5263	1.0030
.0769	-.7370	.4870	1.0680	.4507	-.3580	.5803	.9168
.1019	-.4135	.5760	.9236	.5257	-.1587	.6435	.8189
.1318	-.4260	.5722	.9299	.6007	.0031	.6874	.7516
.2019	-.3918	.5808	.9162	.6755	.1560	.7282	.6884
.2519	-.3957	.5789	.9191	.7173	.2175	.7456	.6610
.3018	-.3928	.5794	.9183	.8507	.3263	.7750	.6144
.4018	-.4202	.5715	.9306	.9010	.3320	.7767	.6115
.4519	-.4288	.5699	.9332	.9508	.2851	.7640	.6319
.5020	-.4238	.5710	.9316	1.0000	.0931	.7114	.7145
.5270	-.4316	.5675	.9369				
.5520	-.4308	.5688	.9350				
.5770	-.4382	.5652	.9407				
.6020	-.4459	.5644	.9419				
.6270	-.4321	.5629	.9444				
.6519	-.4963	.5614	.9467				
.6770	-.4609	.5509	.9475				
.7020	-.4930	.5625	.9449				
.7516	-.4126	.5748	.9256				
.8017	-.3370	.5944	.8949				
.8519	-.2384	.6209	.8538				
.9012	-.1401	.6484	.8114				
.9518	-.0187	.6810	.7613				
1.0000	.0845	.7096	.7173				

PT = 1.1999 TEST 118 RUN 32 POINT 3 GRIT ***DM ***
 CN = .3779 TT = 225.9 M, INF = .7581 RC*E06 = 3.96 ALPHA = 1.51
 CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01047 .01121(.00075) .01004(-.00043) .00975(-.00072) .00968(-.00079)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	1.1159	.9902	.1184	0.0000	1.1128	.9892	.1244
.0075	-.7508	.4767	1.0856	.0100	.6453	.8609	.4673
.0101	-.8386	.4544	1.1240	.0177	.4051	.7957	.5805
.0164	-1.2281	.3468	1.3292	.0526	-.0439	.6715	.7759
.0200	-1.2914	.3291	1.3369	.1023	-.2943	.6021	.8828
.0265	-1.3450	.3141	1.4002	.1527	-.3845	.5775	.9212
.0308	-1.3542	.3124	1.4041	.2020	-.4631	.5567	.9542
.0364	-1.3284	.3190	1.3893	.2770	-.5756	.53261	1.0023
.0518	-1.2698	.3370	1.3499	.3757	-.5455	.5324	.9931
.0769	-1.1442	.3692	1.2832	.4507	-.3997	.5838	.9113
.1019	-1.0640	.3904	1.2414	.5257	-.1434	.6444	.8176
.1318	-.3250	.5939	.8957	.6007	.0233	.6901	.7474
.2019	-.3747	.5810	.9158	.6755	.1680	.7294	.6866
.2519	-.4097	.5714	.9309	.7173	.2289	.7455	.6613
.3018	-.4165	.5679	.9363	.8507	.3367	.7755	.6135
.4018	-.4491	.5592	.9501	.9010	.3408	.7767	.6116
.4519	-.4587	.5578	.9525	.9508	.2912	.7631	.6335
.5020	-.4515	.5597	.9494	1.0000	.0951	.7085	.7190
.5270	-.4545	.5576	.9527				
.5520	-.4556	.5568	.9540				
.5770	-.4615	.5557	.9557				
.6020	-.4672	.5543	.9580				
.6270	-.4726	.5529	.9603				
.6519	-.4773	.5507	.9637				
.6770	-.4786	.5492	.9660				
.7020	-.4697	.5536	.9591				
.7516	-.4244	.5662	.9391				
.8017	-.3416	.5894	.9027				
.8519	-.2413	.6163	.8608				
.9012	-.1402	.6448	.8169				
.9518	-.0205	.6774	.7669				
1.0000	.0860	.7052	.7241				

ORIGINAL DATA
OF POOR QUALITY

TABLE II.- Continued.

TEST 17 RUN 32 POINT 4 GRIT ***ON ***
 PT = 1.1999 TT = 229.7 M, INF = .7359 RC*E06 = 3.55 ALPHA = 1.76
 CN = .4103 CM.25 = -.1017

CD2 CD1 CD3 CD4 CD5
 .01192 .01265(.00073) .01152(-.00040) .01114(-.00078) .01102(-.00090)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01123 .01202(.00079) .01084(-.00039) .01063(-.00060) .01056(-.00067)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1063	.9876	.1334	0.0000	1.1046	.9872	.1356
.0075	-.7947	.4664	1.1031	.0100	.6757	.8696	.4510
.0101	-.8626	.4483	1.1349	.0177	.4392	.8047	.5656
.0184	-1.2659	.3366	1.3507	.0326	-.0036	.6828	.7585
.0200	-1.3212	.3219	1.3827	.1023	-.2601	.6130	.8659
.0265	-1.3869	.3035	1.4245	.1527	-.3518	.5877	.9054
.0308	-1.3968	.3019	1.4284	.2020	-.4309	.5663	.9389
.0364	-1.3712	.3082	1.4137	.2770	-.5401	.5367	.9862
.0518	-1.3148	.3237	1.3789	.3757	-.5176	.5421	.9774
.0769	-1.2239	.3478	1.3270	.4507	-.3446	.5896	.9024
.1019	-1.1385	.3722	1.2772	.5257	-.1343	.6480	.8121
.1518	-.4831	.5911	.9631	.6007	.0307	.6924	.7438
.2019	-.3390	.5915	.8993	.6755	.1729	.7314	.6833
.2519	-.3960	.5761	.9234	.7173	.2333	.7484	.6567
.3018	-.4173	.5696	.9337	.8507	.3394	.7775	.6102
.4018	-.4562	.5589	.9506	.9010	.3432	.7785	.6087
.4519	-.4659	.5571	.9534	.9508	.2929	.7645	.6311
.5020	-.4576	.5584	.9515	1.0000	.0944	.7101	.7163
.5270	-.4643	.5566	.9544				
.5520	-.4618	.5578	.9523				
.5770	-.4667	.5565	.9544				
.6020	-.4725	.5548	.9572				
.6270	-.4772	.5533	.9596				
.6519	-.4793	.5528	.9604				
.6770	-.4799	.5524	.9610				
.7020	-.4728	.5557	.9557				
.7516	-.4254	.5689	.9348				
.8017	-.3426	.5919	.8988				
.8519	-.2444	.6192	.8563				
.9012	-.1418	.6468	.8139				
.9518	-.0217	.6792	.7640				
1.0000	.0867	.7079	.7200				

TEST 118 RUN 32 POINT 5 GRIT ***ON ***
 PT = 1.2001 TT = 229.9 M, INF = .7550 RC*E06 = 3.55 ALPHA = 2.00
 CN = .4564 CM.25 = -.0990

CD2 CD1 CD3 CD4 CD5
 .01292 .01367(.00075) .01263(-.00030) .01227(-.00066) .01212(-.00081)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01213 .01297(.00085) .01192(-.00021) .01170(-.00043) .01159(-.00054)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0964	.9351	.1465	0.0000	1.0964	.9849	.1475
.0075	-.8384	.4538	1.1232	.0100	.7031	.8776	.4358
.0101	-.8883	.4408	1.1482	.0177	.4696	.8136	.5306
.0184	-1.3036	.3280	1.3693	.0326	.0261	.6939	.7416
.0200	-1.3505	.3134	1.4019	.1023	-.2287	.6233	.8500
.0265	-1.4287	.2943	1.4462	.1527	-.3178	.5939	.8957
.0308	-1.4280	.2928	1.4498	.2020	-.4028	.5750	.9252
.0364	-1.4047	.2985	1.4362	.2770	-.5105	.5455	.9721
.0518	-1.3572	.3137	1.4011	.3757	-.4940	.5491	.9662
.0769	-1.2878	.3358	1.3524	.4507	-.3336	.5936	.8961
.1019	-1.2113	.3549	1.3122	.5257	-.1266	.6502	.8087
.1518	-1.0338	.3961	1.2305	.6007	.0348	.6953	.7393
.2019	-.2973	.6039	.8801	.6755	.1765	.7342	.6790
.2519	-.3655	.5851	.9093	.7173	.2367	.7503	.6537
.3018	-.4059	.5733	.9279	.8507	.3427	.7745	.6070
.4018	-.4602	.5590	.9506	.9010	.3444	.7801	.6061
.4519	-.4722	.5555	.9560	.9508	.2943	.7666	.6278
.5020	-.4656	.5586	.9511	1.0000	.0996	.7117	.7140
.5270	-.4695	.5579	.9523				
.5520	-.4678	.5577	.9525				
.5770	-.4720	.5571	.9535				
.6020	-.4760	.5561	.9551				
.6270	-.4799	.5554	.9562				
.6519	-.4810	.5541	.9582				
.6770	-.4855	.5526	.9603				
.7020	-.4741	.5560	.9552				
.7516	-.4285	.5680	.9362				
.8017	-.3443	.5905	.9009				
.8519	-.2465	.6184	.8575				
.9012	-.1431	.6458	.8154				
.9518	-.0218	.6788	.7648				
1.0000	.0864	.7091	.7180				

TABLE II.- Continued.

OF POOR QUALITY

PT = 1.2001 TEST 118 RUN 32 POINT 6 GRIT ***DN ***
 CM = .4830 TT = 226.0 M,INF = .7534 RC*E06 = 3.54 ALPHA = 2.25
 CM.25 = -.0985

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0871	.9826	.1586	0.0000	1.0834	.9825	.1633
.0075	-.8864	.4421	1.1457	.0100	.7306	.8853	.4206
.0101	-.9287	.4328	1.1625	.0177	.9017	.8228	.5351
.0164	-1.3371	.3189	1.3896	.0526	.0574	.7020	.7291
.0200	-1.3916	.3052	1.4205	.1023	-.1959	.6323	.8363
.0265	-1.4657	.2850	1.4686	.1927	-.2915	.6060	.8768
.0308	-1.4751	.2837	1.4718	.2020	-.3731	.5839	.9112
.0364	-1.4506	.2391	1.4586	.2770	-.4797	.5543	.9579
.0518	-1.3980	.3037	1.4241	.3757	-.4680	.5585	.9512
.0769	-1.3341	.3223	1.3818	.4507	-.3219	.5988	.8879
.1019	-1.2666	.3398	1.3439	.5257	-.1176	.6545	.8021
.1518	-1.1509	.3712	1.2792	.6007	.0402	.6769	.7369
.2019	-.3368	.5938	.8958	.6755	.1815	.7357	.6767
.2519	-.3287	.5956	.8930	.7173	.2412	.7519	.6511
.3018	-.3842	.5814	.9152	.8507	.3457	.7803	.6056
.4018	-.4581	.5617	.9462	.9010	.3471	.7809	.6048
.4519	-.4721	.5578	.9523	.9308	.2968	.7668	.6275
.5020	-.4670	.5584	.9515	1.0000	.0961	.7125	.7127
.5270	-.4746	.5566	.9543				
.5520	-.4719	.5573	.9532				
.5770	-.4759	.5560	.9552				
.6020	-.4802	.5551	.9567				
.6270	-.4838	.5535	.9593				
.6519	-.4860	.5538	.9584				
.6770	-.4853	.5534	.9594				
.7020	-.4763	.5574	.9530				
.7516	-.4293	.5680	.9362				
.8017	-.3472	.5920	.8986				
.8519	-.2473	.6191	.8566				
.9012	-.1465	.6473	.8132				
.9518	-.0248	.6797	.7634				
1.0000	.0883	.7100	.7166				

PT = 1.2001 TEST 118 RUN 32 POINT 7 GRIT ***DN ***
 CM = .5368 TT = 226.4 M,INF = .7536 RC*E06 = 3.53 ALPHA = 2.50
 CM.25 = -.0965

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0753	.9796	.1718	0.0000	1.0714	.9785	.1765
.0075	-.9260	.4330	1.1621	.0100	.7574	.8926	.4060
.0101	-.9514	.4256	1.1756	.0177	.5307	.8307	.5214
.0164	-1.3774	.3101	1.4094	.0526	.0904	.7098	.7169
.0200	-1.4144	.2981	1.4373	.1023	-.1663	.6402	.8240
.0265	-1.4977	.2761	1.4906	.1927	-.2654	.6123	.8671
.0308	-1.5030	.2748	1.4939	.2020	-.3473	.5891	.9031
.0364	-1.4786	.2805	1.4797	.2770	-.4556	.5605	.9481
.0518	-1.4338	.2939	1.4472	.3757	-.4459	.5622	.9454
.0769	-1.3678	.3107	1.4079	.4507	-.3219	.5994	.8879
.1019	-1.3094	.3279	1.3696	.5257	-.1091	.6557	.8002
.1518	-1.2196	.3910	1.3202	.6007	.0409	.6964	.7376
.2019	-1.0721	.3903	1.2416	.6755	.1873	.7364	.6755
.2519	-.3220	.5970	.8907	.7173	.2458	.7529	.6496
.3018	-.3360	.5923	.8981	.8507	.3489	.7810	.6046
.4018	-.4391	.5645	.9417	.9010	.3509	.7812	.6042
.4519	-.4670	.5579	.9522	.9308	.3003	.7675	.6263
.5020	-.4673	.5574	.9530	1.0000	.0978	.7130	.7120
.5270	-.4727	.5559	.9555				
.5520	-.4734	.5564	.9546				
.5770	-.4776	.5552	.9566				
.6020	-.4837	.5528	.9603				
.6270	-.4886	.5519	.9618				
.6519	-.4886	.5530	.9600				
.6770	-.4889	.5520	.9616				
.7020	-.4802	.5546	.9575				
.7516	-.4331	.5673	.9373				
.8017	-.3495	.5907	.9006				
.8519	-.2518	.6189	.8568				
.9012	-.1476	.6468	.8139				
.9518	-.0264	.6792	.7642				
1.0000	.0906	.7104	.7160				

OF POOR QUALITY

TABLE II.- Continued.

PT = 1.2000 TEST 118 RUN 32 POINT 8 GRIT ***DN ***
 CM = .6226 TT = 226.4 M,INF = .7561 RC*E06 = 3.54 ALPHA = 3.00

CD2 CD1 CD3 CD4 CD5
 .02009 .02088(.60079) .02025(.00015) .01982(-.00028)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01884 .01970(.00087) .01903(.00019) .01880(-.00003)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0583	.9743	.1930	0.0000	1.0521	.9720	.1989
.0075	-.9920	.4118	1.2008	.0100	.8055	.9048	.3805
.0101	-1.0042	.4089	1.2064	.0177	.5861	.8446	.4968
.0164	-1.4126	.2993	1.4438	.0526	.1463	.7240	.6950
.0200	-1.4640	.2813	1.4777	.1023	-.1106	.6535	.8036
.0265	-1.5389	.2604	1.5310	.1927	-.2112	.6246	.8480
.0308	-1.5514	.2588	1.5352	.2020	-.3014	.6014	.8639
.0364	-1.5235	.2650	1.5190	.2770	-.4067	.5734	.9278
.0318	-1.4809	.2769	1.4888	.3757	-.4101	.5708	.9318
.0769	-1.4241	.2927	1.4500	.4507	-.2960	.6020	.8830
.1019	-1.3722	.3071	1.4162	.5257	-.0928	.6587	.7956
.1518	-1.2939	.3265	1.3726	.6007	.0612	.7054	.7514
.2019	-1.2347	.3454	1.3321	.6755	-.1970	.7373	.6742
.2519	-1.1497	.3699	1.2819	.7173	.2547	.7555	.6487
.3018	-.4603	.5570	.9536	.8507	.3560	.7814	.6039
.4018	-.3992	.5846	.9101	.9010	.3387	.7826	.6019
.4519	-.4121	.5711	.9313	.9508	.3087	.7682	.6252
.5020	-.4340	.5644	.9419	1.0000	.1030	.7125	.7128
.5270	-.4511	.5590	.9505				
.5520	-.4568	.5579	.9522				
.5770	-.4684	.5550	.9569				
.6020	-.4770	.5534	.9594				
.6270	-.4847	.5510	.9631				
.6519	-.4895	.5500	.9649				
.6770	-.4899	.5500	.9649				
.7020	-.4844	.5505	.9639				
.7516	-.4396	.5648	.9413				
.8017	-.3574	.5892	.9030				
.8519	-.2552	.6148	.8632				
.9012	-.1943	.6429	.8199				
.9518	-.0287	.6769	.7677				
1.0000	.0953	.7104	.7160				

PT = 1.2004 TEST 118 RUN 33 POINT 1 GRIT ***DN ***
 CM = .1585 TT = 226.4 M,INF = .7732 RC*E06 = 3.59 ALPHA = -.01

CD2 CD1 CD3 CD4 CD5
 .0101501027(.00012) .00923(-.00092)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .0096200978(.00016) .00886(-.00076)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1579	.9996	.0248	0.0000	1.1572	.9993	.0324
.0075	-.4033	.5569	.9538	.0100	.4360	.7950	.5817
.0101	-.3443	.5177	1.0170	.0177	.1851	.7250	.6933
.0164	-.8764	.4239	1.1787	.0526	-.2507	.6016	.8833
.0200	-.9465	.4046	1.2145	.1023	-.5215	.5246	1.0058
.0265	-.7914	.4474	1.1364	.1527	-.5954	.5054	1.0373
.0308	-.8516	.4307	1.1663	.2020	-.6542	.4875	1.0671
.0364	-.7640	.4562	1.1209	.2770	-.7956	.4483	1.1348
.0518	-.5775	.5097	1.0302	.3757	-.8651	.4282	1.1709
.0769	-.3993	.5599	.9491	.4507	-.3594	.5711	.9313
.1019	-.3821	.5640	.9425	.5257	-.1643	.6258	.8463
.1518	-.3425	.5767	.9225	.6007	-.0049	.6715	.7760
.2019	-.3114	.5844	.9104	.6755	.1401	.7117	.7140
.2519	-.3232	.5817	.9147	.7173	.2026	.7297	.6861
.3018	-.3275	.5800	.9173	.8507	.3161	.7406	.6375
.4018	-.3657	.5694	.9341	.9010	.3243	.7632	.6332
.4519	-.3829	.5639	.9426	.9508	.2799	.7516	.6514
.5020	-.3865	.5637	.9430	1.0000	.1032	.7015	.7297
.5270	-.3952	.5603	.9484				
.5520	-.4005	.5593	.9501				
.5770	-.4107	.5545	.9577				
.6020	-.4221	.5517	.9622				
.6270	-.4342	.5499	.9650				
.6519	-.4419	.5474	.9689				
.6770	-.4483	.5449	.9730				
.7020	-.4478	.5451	.9727				
.7516	-.4129	.5553	.9563				
.8017	-.3315	.5776	.9212				
.8519	-.2379	.6053	.8779				
.9012	-.1368	.6345	.8329				
.9518	-.0167	.6688	.7801				
1.0000	.0977	.6995	.7329				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 33 POINT 2 GRIT ***DN ***
 PT = 1.2001 TT = 229.9 M,INF = .7777 RC*E06 = 3.61 ALPHA = 1.00
 CN = .3090 CM.25 = -.1041

CD2 CD1 CD3 CD4 CD5
 .01046 .01123(.00077) .01007(-.00039) .00953(-.00093) .00926(-.00120)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00986 .01098(.00078) .00945(-.00036) .00909(-.00071) .00886(-.00095)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1427	.4953	.0816	0.0000	1.1461	.9947	.0872
.0075	-.5988	.3034	1.0406	.0100	.5609	.8362	.5118
.0101	-.6909	.4767	1.0859	.0177	.3394	.7676	.6262
.0164	-1.0718	.3692	1.2832	.0526	-.1041	.6420	.8213
.0200	-1.1417	.3492	1.3241	.1023	-.3680	.5668	.9381
.0265	-1.1895	.3349	1.3543	.1527	-.4560	.5419	.9777
.0308	-1.1976	.3334	1.3577	.2020	-.5375	.5190	1.0149
.0364	-1.1724	.3405	1.3424	.2770	-.6851	.4755	1.0876
.0518	-1.0848	.3641	1.2934	.3737	-.7122	.4668	1.1025
.0769	-.9648	.3982	1.2266	.4507	-.3659	.5663	.9389
.1019	-.8384	.4335	1.1613	.5257	-.1531	.6204	.8433
.1518	-.3643	.5679	.9364	.6007	.0169	.6747	.7710
.2019	-.3724	.5656	.9397	.6755	.1607	.7161	.7072
.2519	-.3924	.5586	.9511	.7173	.2233	.7337	.6798
.3018	-.3994	.5598	.9556	.8507	.3331	.7649	.6305
.4018	-.4354	.5466	.9703	.9010	.3378	.7666	.6279
.4519	-.4481	.5425	.9769	.9508	.2904	.7529	.6496
.5020	-.4447	.5435	.9753	1.0000	.0972	.6972	.7364
.5270	-.4512	.5423	.9771				
.5520	-.4516	.5419	.9778				
.5770	-.4607	.5393	.9819				
.6020	-.4652	.5386	.9830				
.6270	-.4760	.5352	.9886				
.6519	-.4810	.5321	.9927				
.6770	-.4873	.5312	.9951				
.7020	-.4797	.5320	.9924				
.7516	-.4292	.5472	.9692				
.8017	-.3398	.5740	.9268				
.8519	-.2371	.6023	.8826				
.9012	-.1332	.6319	.8368				
.9518	-.0144	.6651	.7837				
1.0000	.0903	.6955	.7391				

TEST 118 RUN 33 POINT 3 GRIT ***DN ***
 PT = 1.2002 TT = 226.0 M,INF = .7766 RC*E06 = 3.60 ALPHA = 1.51
 CN = .3895 CM.25 = -.1029

CD2 CD1 CD3 CD4 CD5
 .01112 .01190(.00079) .01060(-.00031) .01053(-.00059) .01030(-.00081)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01047 .01130(.00082) .01019(-.00029) .01008(-.00040) .00987(-.00060)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1282	.9909	.1144	0.0000	1.1267	.9905	.1168
.0075	-.6746	.4792	1.0813	.0100	.6453	.8541	.4798
.0101	-.7467	.4590	1.1160	.0177	.4081	.7868	.5951
.0164	-1.1366	.3477	1.3273	.0526	-.0309	.6627	.7895
.0200	-1.1950	.3309	1.3631	.1023	-.2772	.5866	.9070
.0265	-1.2618	.3134	1.4018	.1527	-.3906	.5599	.9490
.0308	-1.2633	.3124	1.4041	.2020	-.4749	.5251	.9872
.0364	-1.2415	.3177	1.3923	.2770	-.6150	.4967	1.0517
.0518	-1.1919	.3332	1.3562	.3737	-.4053	.4990	1.0479
.0769	-1.1149	.3556	1.3109	.4507	-.3512	.5718	.9303
.1019	-1.0459	.3742	1.2732	.5237	-.1410	.6319	.8368
.1518	-.8992	.4156	1.1939	.6007	.0268	.6789	.7645
.2019	-.2778	.5920	.8986	.6755	.1703	.7199	.7014
.2519	-.5565	.5700	.9330	.7173	.2327	.7374	.6740
.3018	-.3965	.5583	.9516	.8507	.3410	.7678	.6259
.4018	-.4548	.5424	.9770	.9010	.3442	.7694	.6233
.4519	-.4695	.5389	.9826	.9508	.2958	.7558	.6451
.5020	-.4639	.5399	.9810	1.0000	.0999	.6992	.7333
.5270	-.4697	.5386	.9830				
.5520	-.4681	.5389	.9827				
.5770	-.4765	.5360	.9873				
.6020	-.4828	.5355	.9862				
.6270	-.4894	.5337	.9910				
.6519	-.4938	.5308	.9957				
.6770	-.4983	.5301	.9969				
.7020	-.4878	.5328	.9925				
.7516	-.4364	.5473	.9691				
.8017	-.3449	.5729	.9286				
.8519	-.2410	.6026	.8821				
.9012	-.1367	.6327	.8356				
.9518	-.0169	.6661	.7842				
1.0000	.0907	.6970	.7367				

TABLE II.- Continued.

PT = 1.2002 TEST 118 RUN 33 POINT 4 GRIT ***DN ***
 CM = .4211 TT = 226.3 M,INF = .7764 RC*E06 = 3.59 ALPHA = 1.76
 CD2 CD1 CD3 CD4 CD5
 .01221 .01302(.00081) .01198(-.00023) .01200(-.00021) .01141(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01140 .01225(.00084) .01121(-.00020) .01139(-.00002) .01085(-.00055)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1211	.9887	.1274	0.0000	1.1195	.9884	.1293
.0075	-.7070	.4694	1.0930	.0100	.6740	.8616	.4660
.0101	-.7708	.4513	1.1299	.0177	.4401	.7956	.5807
.0164	-1.1641	.3385	1.3466	.0526	-.0024	.6694	.7792
.0200	-1.2226	.3231	1.3802	.1023	-.2631	.5960	.8924
.0265	-1.2877	.3037	1.4241	.1527	-.3598	.5691	.9346
.0308	-1.2934	.3028	1.4261	.2020	-.4459	.5446	.9734
.0364	-1.2751	.3082	1.4138	.2770	-.5785	.5077	1.0334
.0518	-1.2275	.3222	1.3822	.3757	-.5665	.5113	1.0276
.0769	-1.1567	.3413	1.3407	.4507	-.3356	.5769	.9223
.1019	-1.0999	.3585	1.3049	.5257	-.1329	.6341	.8534
.1318	-1.0065	.3857	1.2506	.6007	.0333	.6811	.7612
.2019	-.4017	.5572	.9534	.6755	.1763	.7215	.6989
.2519	-.3087	.5842	.9108	.7173	.2380	.7387	.6719
.3018	-.3671	.5677	.9367	.8507	.3450	.7682	.6252
.4018	-.4534	.5435	.9752	.9010	.3461	.7696	.6230
.4519	-.4733	.5377	.9845	.9508	.2979	.7556	.6453
.5020	-.4706	.5384	.9834	1.0000	.1024	.7003	.7317
.5270	-.4761	.5367	.9862				
.5520	-.4750	.5366	.9863				
.5770	-.4830	.5329	.9923				
.6020	-.4896	.5319	.9939				
.6270	-.4981	.5300	.9970				
.6519	-.5007	.5293	.9980				
.6770	-.5031	.5299	.9972				
.7020	-.4961	.5320	.9937				
.7516	-.4393	.5465	.9705				
.8017	-.3475	.5728	.9287				
.8519	-.2443	.6024	.8824				
.9012	-.1388	.6318	.8370				
.9518	-.0172	.6661	.7842				
1.0000	.0926	.6983	.7347				

PT = 1.2004 TEST 118 RUN 33 POINT 5 GRIT ***DN ***
 CM = .4662 TT = 226.5 M,INF = .7761 RC*E06 = 3.59 ALPHA = 2.00
 CD2 CD1 CD3 CD4 CD5
 .01309 .01392(.00083) .01295(-.00014) .01301(-.00008) .01205(-.00104)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01219 .01306(.00086) .01208(-.00011) .01233(.00013) .01143(-.00076)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1123	.9865	.1394	0.0000	1.1097	.9857	.1436
.0075	-.7480	.4584	1.1171	.0100	.6997	.8689	.4523
.0101	-.7988	.4438	1.1428	.0177	.4683	.8038	.5670
.0164	-1.2015	.3304	1.3642	.0526	.0274	.6772	.7672
.0200	-1.2462	.3156	1.3969	.1023	-.2337	.6036	.8805
.0265	-1.3186	.2951	1.4444	.1527	-.3331	.5760	.9236
.0308	-1.3262	.2940	1.4469	.2020	-.4204	.5513	.9628
.0364	-1.3032	.2994	1.4343	.2770	-.5485	.5194	1.0206
.0518	-1.2625	.3130	1.4028	.3757	-.5421	.5164	1.0192
.0769	-1.1909	.3303	1.3644	.4507	-.3246	.5780	.9204
.1019	-1.1390	.3463	1.3302	.5257	-.1261	.6351	.8319
.1318	-1.0701	.3667	1.2881	.6007	.0363	.6816	.7604
.2019	-.9781	.3929	1.2366	.6755	.1797	.7219	.6981
.2519	-.3058	.5842	.9107	.7173	.2412	.7394	.6708
.3018	-.3041	.5840	.9111	.8507	.3471	.7690	.6240
.4018	-.4303	.5480	.9680	.9010	.3514	.7706	.6213
.4519	-.4675	.5382	.9837	.9508	.3018	.7565	.6439
.5020	-.4726	.5374	.9831	1.0000	.1041	.7001	.7320
.5270	-.4798	.5349	.9891				
.5520	-.4780	.5354	.9882				
.5770	-.4860	.5323	.9932				
.6020	-.4943	.5308	.9957				
.6270	-.5015	.5285	.9994				
.6519	-.5039	.5274	1.0011				
.6770	-.5078	.5282	.9999				
.7020	-.4973	.5311	.9953				
.7516	-.4446	.5460	.9712				
.8017	-.3510	.5717	.9303				
.8519	-.2471	.6019	.8832				
.9012	-.1417	.6315	.8374				
.9518	-.0187	.6659	.7846				
1.0000	.0945	.6987	.7342				

ORIGINAL FILE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 33 POINT 6 GRIT ***DN ***
 PT = 1.2002 TT = 226.4 M,INF = .7759 RC*E06 = 3.99 ALPHA = 2.26
 CN = .9178 CM.25 = -.1006

CD2 CD1 CD3 CD4 CD5
 .01459 .01934(.00076) .01460(.00002) .01454(-.00005)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01353 .01439(.00086) .01368(.00015) .01373(.00019)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1038	.9840	.1517	0.0000	1.1030	.9837	.1535
.0075	-.7825	.4479	1.1355	.0100	.7266	.8767	.4375
.0101	-.8276	.4302	1.1564	.0177	.4981	.8121	.5531
.0164	-1.2311	.3215	1.3837	.0526	.0586	.6874	.7515
.0200	-1.2750	.3076	1.4150	.1023	-.2001	.6136	.8651
.0265	-1.3502	.2864	1.4652	.1527	-.2998	.5896	.9086
.0308	-1.3588	.2855	1.4675	.2020	-.3907	.5599	.9491
.0364	-1.3361	.2903	1.4598	.2770	-.5162	.5240	1.0067
.0518	-1.2935	.3037	1.4240	.3757	-.5117	.5275	1.0011
.0769	-1.2365	.3199	1.3872	.4507	-.3140	.5816	.9148
.1019	-1.1811	.3350	1.3542	.5257	-.1178	.6382	.8272
.1518	-1.1168	.3537	1.3148	.6007	.0403	.6824	.7592
.2019	-1.0519	.3722	1.2771	.6755	.1855	.7237	.6953
.2519	-.9043	.4138	1.1972	.7173	.2450	.7403	.6695
.3018	-.2890	.5904	.9010	.8507	.3519	.7708	.6211
.4018	-.3900	.5601	.9488	.9010	.3546	.7719	.6193
.4519	-.4449	.5455	.9720	.9508	.3052	.7573	.6426
.5020	-.4601	.5405	.9801	1.0000	.1036	.7014	.7299
.5270	-.4718	.5374	.9851				
.5520	-.4735	.5359	.9875				
.5770	-.4828	.5340	.9906				
.6020	-.4937	.5315	.9945				
.6270	-.4987	.5292	.9983				
.6519	-.5086	.5283	.9997				
.6770	-.5088	.5257	1.0040				
.7020	-.5001	.5288	.9989				
.7516	-.4482	.5446	.9734				
.8017	-.3568	.5730	.9284				
.8519	-.2507	.6025	.8823				
.9012	-.1451	.6304	.8391				
.9518	-.0194	.6661	.7843				
1.0000	.0976	.6980	.7352				

TEST 118 RUN 34 POINT 1 GRIT ***DN ***
 PT = 1.2003 TT = 226.5 M,INF = .7959 RC*E06 = 3.64 ALPHA = -.01
 CN = .1386 CM.25 = -.1008

CD2 CD1 CD3 CD4 CD5

 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1687	1.0001	0.0000	0.0000	1.1674	.9997	.0205
.0075	-.3641	.5523	.9611	.0100	.4581	.7923	.5862
.0101	-.4958	.5137	1.0236	.0177	.2144	.7204	.7005
.0164	-.8288	.4166	1.1920	.0526	-.2202	.5938	.8957
.0200	-.9112	.3913	1.2397	.1023	-.5080	.5115	1.0271
.0265	-.8262	.4168	1.1917	.1527	-.5744	.4895	1.0637
.0308	-.8994	.3958	1.2311	.2020	-.6399	.4718	1.0939
.0364	-.7832	.4288	1.1697	.2770	-.7777	.4317	1.1645
.0518	-.6813	.4581	1.1175	.3757	-.9626	.3761	1.2695
.0769	-.3555	.5543	.9580	.4507	-.7155	.4496	1.1325
.1019	-.3824	.5482	.9678	.5257	-.1820	.6049	.8786
.1518	-.3487	.5556	.9558	.6007	-.0032	.6576	.7972
.2019	-.3168	.5662	.9391	.6755	.1463	.7015	.7298
.2519	-.3303	.5623	.9452	.7173	.2062	.7186	.7033
.3018	-.3356	.5593	.9500	.8507	.3113	.7491	.6555
.4018	-.3832	.5467	.9701	.9010	.3192	.7521	.6508
.4519	-.4011	.5410	.9793	.9508	.2784	.7392	.6712
.5020	-.4058	.5400	.9809	1.0000	.1029	.6886	.7496
.5270	-.4148	.5376	.9847				
.5520	-.4177	.5362	.9869				
.5770	-.4323	.5316	.9944				
.6020	-.4426	.5297	.9975				
.6270	-.4564	.5249	1.0052				
.6519	-.4671	.5221	1.0098				
.6770	-.4792	.5182	1.0161				
.7020	-.4774	.5191	1.0148				
.7516	-.4274	.5345	.9897				
.8017	-.3362	.5610	.9474				
.8519	-.2339	.5910	.9002				
.9012	-.1311	.6205	.8543				
.9518	-.0115	.6550	.8013				
1.0000	.0968	.6866	.7527				

TABLE II.- Continued.

ORIGINAL PAGE IS
OF POOR QUALITY

TEST 118 RUN 34 POINT 2 GRIT ***DN ***
PT = 1.2004 TT = 226.0 M, INF = .7959 RC*E06 = 3.65 ALPHA = 1.00
CN = .2987 CM,25 = -.1056

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1517	.9950	.0849	0.0000	1.1511	.9950	.0845
.0075	-.5316	.5037	1.0401	.0100	.5878	.8305	.9216
.0101	-.6147	.4796	1.0806	.0177	.3484	.7805	.8376
.0164	-.9873	.3690	1.2835	.0526	-.0997	.6290	.8413
.0200	-1.0701	.3475	1.3277	.1023	-.3633	.5525	.9608
.0265	-1.1153	.3333	1.3578	.1527	-.4499	.5279	1.0005
.0308	-1.1185	.3325	1.3596	.2020	-.5282	.5044	1.0390
.0364	-1.1004	.3386	1.3464	.2770	-.6810	.4585	1.1169
.0518	-1.0356	.3562	1.3097	.3757	-.8614	.4078	1.2083
.0769	-.9472	.3811	1.2596	.4507	-.4058	.3400	.9808
.1019	-.8777	.4022	1.2190	.5257	-.1356	.6188	.8569
.1518	-.3998	.5425	.9768	.6007	.0253	.6660	.7844
.2019	-.3081	.5687	.9351	.6755	.1644	.7066	.7219
.2519	-.3648	.5910	.9632	.7173	.2276	.7246	.6940
.3018	-.3931	.5445	.9737	.8507	.3363	.7567	.6436
.4018	-.4474	.5279	1.0004	.9010	.3407	.7585	.6408
.4519	-.4865	.5221	1.0008	.9505	.2929	.7442	.6633
.5020	-.4640	.5230	1.0083	1.0000	.1025	.6886	.7497
.5270	-.4692	.5215	1.0109				
.5520	-.4660	.5216	1.0106				
.5770	-.4772	.5189	1.0151				
.6020	-.4873	.5168	1.0186				
.6270	-.4992	.5129	1.0250				
.6519	-.5054	.5109	1.0281				
.6770	-.5157	.5077	1.0335				
.7020	-.5063	.5104	1.0291				
.7516	-.4401	.5294	.9979				
.8017	-.3395	.5592	.9502				
.8519	-.2325	.5901	.9015				
.9012	-.1278	.6213	.8531				
.9518	-.0087	.6554	.8007				
1.0000	.0950	.6862	.7534				

TEST 118 RUN 34 POINT 3 GRIT ***DN ***
PT = 1.2005 TT = 226.2 M, INF = .7940 RC*E06 = 3.64 ALPHA = 1.49
CN = .3926 CM,25 = -.1040

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1418	.9924	.1047	0.0000	1.1390	.9915	.1103
.0075	-.6023	.4832	1.0744	.0100	.6444	.8471	.4925
.0101	-.6850	.4598	1.1147	.0177	.4068	.7782	.6091
.0164	-1.0592	.3503	1.3219	.0526	-.0289	.6511	.8073
.0200	-1.1158	.3325	1.3595	.1023	-.2985	.5726	.9291
.0265	-1.1801	.3144	1.3996	.1527	-.3946	.5450	.9728
.0308	-1.1848	.3141	1.4004	.2020	-.4799	.5192	1.0135
.0364	-1.1635	.3186	1.3901	.2770	-.6362	.4738	1.0904
.0518	-1.1215	.3328	1.3590	.3757	-.7266	.4481	1.1352
.0769	-1.0526	.3526	1.3170	.4507	-.3679	.3933	.9596
.1019	-.9992	.3683	1.2850	.5257	-.1331	.6213	.8532
.1518	-.9281	.3896	1.2430	.6007	.0325	.6694	.7791
.2019	-.7792	.4326	1.1628	.6755	.1753	.7112	.7148
.2519	-.2813	.5773	.9216	.7173	.2375	.7293	.6867
.3018	-.3304	.5635	.9433	.8507	.3454	.7609	.6369
.4018	-.4462	.5305	.9962	.9010	.3496	.7617	.6356
.4519	-.4793	.5205	1.0125	.9508	.3012	.7479	.6575
.5020	-.4786	.5206	1.0123	1.0000	.1052	.6907	.7465
.5270	-.4841	.5192	1.0146				
.5520	-.4815	.5199	1.0134				
.5770	-.4719	.5173	1.0177				
.6020	-.4998	.5143	1.0226				
.6270	-.5132	.5109	1.0282				
.6519	-.5179	.5092	1.0309				
.6770	-.5245	.5075	1.0339				
.7020	-.5158	.5103	1.0293				
.7516	-.4475	.5305	.9962				
.8017	-.3458	.5595	.9496				
.8519	-.2377	.5904	.9010				
.9012	-.1307	.6214	.8529				
.9518	-.0094	.6568	.7985				
1.0000	.0976	.6886	.7497				

ORIGINAL SOURCE
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 34 POINT 4 GRIT ***DN***
 PT = 1.2003 TT = 226.4 M,INF = .7958 RC*E06 = 3.64 ALPHA = 1.75
 CM = .4409 CM.25 = -.1041

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1357	.9900	1.2000	0.0000	1.1339	.9895	1.2228
.0075	-.6290	.4722	1.0932	.0100	.6726	.8546	.4789
.0101	-.6950	.4535	1.1256	.0177	.4408	.7861	.5963
.0164	-1.0741	.3411	1.3411	.0526	-.0043	.6560	.7998
.0200	-1.1375	.3252	1.3754	.1023	-.2693	.5808	.9161
.0265	-1.2020	.3053	1.4203	.1927	-.3642	.5508	.9635
.0308	-1.2022	.3049	1.4214	.2020	-.4540	.5253	1.0047
.0364	-1.1913	.3095	1.4108	.2770	-.6117	.4792	1.0812
.0518	-1.1404	.3221	1.3825	.3757	-.6823	.4581	1.1176
.0769	-1.0773	.3414	1.3404	.4907	-.8541	.3547	.9373
.1019	-1.0364	.3554	1.3112	.5257	-.1266	.6219	.8522
.1518	-.9730	.3725	1.2766	.6007	-.0366	.6697	.7788
.2019	-.9164	.3900	1.2423	.6755	.1818	.7115	.7143
.2519	-.8194	.4185	1.1886	.7173	.2431	.7299	.6857
.3018	-.7657	.5801	.9173	.8507	.3508	.7608	.6370
.4018	-.3914	.5438	.9747	.9010	.3542	.7619	.6353
.4519	-.4572	.5254	1.0045	.9508	.3058	.7480	.6374
.5020	-.4756	.5201	1.0131	1.0000	.1100	.6905	.7467
.5270	-.4842	.5168	1.0185				
.5520	-.4860	.5170	1.0181				
.5770	-.4950	.5135	1.0240				
.6020	-.5080	.5098	1.0299				
.6270	-.5233	.5037	1.0368				
.6519	-.5250	.5049	1.0381				
.6770	-.5323	.5042	1.0392				
.7020	-.5266	.5062	1.0360				
.7516	-.4534	.5273	1.0013				
.8017	-.3488	.5578	.9524				
.8519	-.2405	.5880	.9048				
.9012	-.1350	.6206	.8541				
.9518	-.0107	.6565	.7989				
1.0000	.1009	.6889	.7493				

TEST 118 RUN 35 POINT 1 GRIT ***DN***
 PT = 1.2003 TT = 226.1 M,INF = .8141 RC*E06 = 3.69 ALPHA = -.01
 CM = .1079 CM.25 = -.0815

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1768	1.0000	.0030	0.0000	1.1776	1.0002	0.0000
.0075	-.3261	.5484	.9674	.0100	.4822	.7910	.5882
.0101	-.4554	.5088	1.0316	.0177	.2378	.7189	.7028
.0164	-.7864	.4103	1.2037	.0526	-.1921	.5891	.9032
.0200	-.8694	.3858	1.2504	.1023	-.4851	.5031	1.0411
.0265	-.8787	.3819	1.2581	.1927	-.5587	.4814	1.0775
.0308	-.9010	.3748	1.2721	.2020	-.6301	.4604	1.1136
.0364	-.8180	.4012	1.2208	.2770	-.7631	.4191	1.1873
.0518	-.7132	.4340	1.1603	.3757	-.9478	.3629	1.2958
.0769	-.4379	.5152	1.0211	.4507	-.6610	.4506	1.1307
.1019	-.3370	.5414	.9785	.5257	-.3620	.5391	.9823
.1518	-.3327	.5430	.9760	.6007	-.1920	.5907	.9007
.2019	-.3207	.5529	.9602	.6755	.0118	.6507	.8079
.2519	-.3364	.5470	.9697	.7173	.1042	.6782	.7657
.3018	-.3455	.5436	.9751	.8507	.2585	.7242	.6946
.4018	-.3996	.5288	.9989	.9010	.2768	.7292	.6849
.4519	-.4220	.5211	1.0115	.9508	.2524	.7223	.6976
.5020	-.4266	.5204	1.0125	1.0000	.1177	.6820	.7598
.5270	-.4348	.5168	1.0186				
.5520	-.4378	.5155	1.0206				
.5770	-.4506	.5112	1.0276				
.6020	-.4677	.5053	1.0375				
.6270	-.4893	.4995	1.0470				
.6519	-.5032	.4956	1.0536				
.6770	-.5183	.4914	1.0603				
.7020	-.5255	.4880	1.0663				
.7516	-.4484	.5122	1.0260				
.8017	-.3278	.5476	.9686				
.8519	-.2204	.5797	.9179				
.9012	-.1163	.6113	.8686				
.9518	-.0036	.6447	.8172				
1.0000	.1010	.6773	.7671				

TABLE II.- Continued.

TEST 110 RUN 39 POINT 2 GRIT ***DM***
 PT = 1.2003 TT = 226.5 M, INF = .8100 RC*E06 = 3.67 ALPHA = .99
 CM = .2942 CM.25 = -.1032
 CD2 CD1 CD3 CD4 CD5
 .0133601331(-.00005) .01231(-.00105)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .0123101229(-.00002) .01154(-.00077)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1625	.9962	.0739	0.0000	1.1601	.9954	.0811
.0075	-.4814	.5046	1.0386	.0100	.3958	.8267	.3284
.0101	-.5711	.4767	1.0856	.0177	.3979	.7555	.6494
.0164	-.9340	.3696	1.2823	.0526	-.0713	.6278	.8431
.0200	-1.0042	.3491	1.3242	.1023	-.3938	.5428	.9763
.0265	-1.0541	.3333	1.3578	.1521	-.4433	.5158	1.0201
.0308	-1.0550	.3317	1.3613	.2020	-.5235	.4926	1.0586
.0364	-1.0433	.3374	1.3489	.2770	-.6765	.4473	1.1365
.0518	-.9867	.3535	1.3151	.3757	-.8707	.3896	1.2430
.0769	-.9153	.3757	1.2702	.4507	-.6862	.4444	1.1418
.1019	-.8620	.3909	1.2405	.5257	-.1366	.6087	.8726
.1518	-.7771	.4167	1.1918	.6007	.0906	.6583	.7962
.2019	-.2405	.5776	.9211	.6755	.1728	.7010	.7305
.2519	-.3000	.5597	.9493	.7173	.2326	.7183	.7037
.3018	-.3609	.5418	.9780	.8507	.3361	.7497	.6546
.4018	-.4502	.5148	1.0218	.9010	.3404	.7508	.6536
.4519	-.4951	.5018	1.0432	.9508	.2934	.7304	.6749
.5020	-.4963	.5010	1.0447	1.0000	.1051	.6812	.7611
.5270	-.4937	.5016	1.0436				
.5520	-.4849	.5039	1.0397				
.5770	-.4931	.5023	1.0424				
.6020	-.5023	.4985	1.0488				
.6270	-.5210	.4937	1.0567				
.6519	-.5344	.4906	1.0620				
.6770	-.5457	.4857	1.0703				
.7020	-.5490	.4851	1.0713				
.751e	-.4592	.5117	1.0269				
.8017	-.3354	.5483	.9675				
.851v	-.2264	.5810	.9158				
.9012	-.1220	.6130	.8659				
.9518	-.0038	.6479	.8121				
1.0000	.0971	.6778	.7663				

TEST 110 RUN 42 POINT 2 GRIT ***OFF***
 PT = 3.4729 TT = 228.5 M, INF = .3999 RC*E06 = 6.29 ALPHA = .00
 CM = .1638 CM.25 = -.0878
 CD2 CD1 CD3 CD4 CD5
 .00829 .00862(.00038) .00823(-.00002) .00742(-.00083) .00773(-.00049)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00730 .00801(.00071) .00741(-.00011) .00681(-.00049) .00722(-.00008)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0261	.9986	.0450	0.0000	1.0257	.9985	.0460
.0075	-.6787	.8274	.9266	.0100	.3046	.9262	.3321
.0101	-.7924	.8161	.9459	.0177	.0723	.9029	.3841
.0164	-.8022	.8157	.9466	.0526	-.2775	.8679	.4537
.0200	-.7745	.8178	.9430	.1023	-.3952	.8359	.4761
.0265	-.9321	.8423	.9005	.1521	-.4094	.8345	.4785
.0308	-.8244	.8330	.9170	.2020	-.4293	.8319	.4832
.0364	-.4873	.8466	.4928	.2770	-.4531	.8496	.4874
.0518	-.3837	.8572	.4736	.3757	-.4030	.8547	.4782
.0769	-.3427	.8614	.4659	.4507	-.2985	.8647	.4597
.1019	-.3112	.8643	.4605	.5257	-.1560	.8795	.4316
.1518	-.2727	.8682	.4531	.6007	-.0198	.8932	.4042
.2019	-.2487	.8701	.4495	.6755	.1024	.9053	.3790
.2519	-.2541	.8697	.4504	.7173	.1585	.9109	.3671
.3018	-.2549	.8696	.4505	.8507	.2650	.9217	.3426
.4018	-.2765	.8670	.4559	.9010	.2713	.9222	.3415
.4519	-.2828	.8667	.4560	.9508	.2312	.9183	.3505
.5020	-.2829	.8667	.4559	1.0000	.0666	.9015	.3870
.5270	-.2933	.8654	.4584				
.5520	-.2893	.8656	.4581				
.5770	-.2954	.8652	.4589				
.6020	-.3017	.8645	.4605				
.6270	-.3076	.8639	.4612				
.6519	-.3114	.8633	.4623				
.6770	-.3161	.8627	.4636				
.7020	-.3169	.8634	.4623				
.751e	-.3026	.8645	.4602				
.8017	-.2651	.8687	.4523				
.8519	-.209e	.8740	.4422				
.9012	-.1444	.8804	.4298				
.9518	-.0529	.8902	.4103				
1.0000	.0654	.9013	.3876				

ORIGINAL PARTS
OF POOR QUALITY

TABLE II.- Continued.

PT = 3.4731 TEST 118 RUM 42 POINT 3 GRIT ***OFF***
 CM = .2764 TT = 228.6 M,INF = .3996 RC*E06 = 6.29 ALPHA = 1.01
 CD2 CD1 CD3 CD4 CD5
 .00861 .00888(-.00027) .00846(-.00015) .00780(-.00081) .00807(-.00053)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00767 .00826(-.00098) .00768(-.00002) .00711(-.00057) .00749(-.00018)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9609	.9920	.1071	0.0000	.9576	.9817	.1092
.0075	-1.1761	.7774	.0098	.0100	.5279	.9484	.2757
.0101	-1.2500	.7703	.6214	.0177	.2930	.9251	.3348
.0164	-1.1894	.7758	.6126	.0226	-.1044	.8853	.4201
.0200	-1.1413	.7805	.6049	.1023	-.2623	.8689	.4318
.0265	-.7441	.8204	.5386	.1527	-.3037	.8648	.4595
.0308	-.9141	.8040	.5664	.2020	-.3390	.8613	.4660
.0364	-.6715	.8277	.5260	.2770	-.3775	.8571	.4738
.0518	-.5693	.8386	.5070	.3757	-.3480	.8604	.4678
.0769	-.4857	.8471	.4919	.4507	-.2536	.8701	.4496
.1019	-.4299	.8521	.4830	.5257	-.1216	.8836	.4235
.1518	-.3676	.8584	.4714	.6007	.0068	.8965	.3975
.2019	-.3269	.8625	.4638	.6755	.1227	.9079	.3735
.2519	-.3212	.8628	.4633	.7173	.1766	.9135	.3612
.3018	-.3134	.8639	.4613	.8507	.2762	.9233	.3389
.4018	-.3244	.8630	.4630	.9010	.2800	.9235	.3385
.4519	-.3253	.8632	.4625	.9508	.2370	.9193	.3282
.5020	-.3215	.8636	.4617	1.0000	.0661	.9021	.3059
.5270	-.3306	.8624	.4641				
.5520	-.3255	.8632	.4625				
.5770	-.3282	.8627	.4625				
.6020	-.3316	.8620	.4648				
.6270	-.3370	.8617	.4654				
.6519	-.3383	.8614	.4659				
.6770	-.3412	.8611	.4665				
.7020	-.3396	.8614	.4660				
.7516	-.3210	.8636	.4617				
.8017	-.2798	.8672	.4550				
.8519	-.2208	.8729	.4444				
.9012	-.1515	.8800	.4305				
.9518	-.0544	.8903	.4102				
1.0000	.0644	.9018	.3864				

PT = 3.4733 TEST 118 RUM 42 POINT 4 GRIT ***OFF***
 CM = .3307 TT = 228.6 M,INF = .3996 RC*E06 = 6.28 ALPHA = 1.92
 CD2 CD1 CD3 CD4 CD5
 .00863 .00894(-.00032) .00860(-.00003) .00785(-.00078) .00810(-.00053)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00770 .00832(-.00062) .00779(-.00009) .00725(-.00044) .00754(-.00016)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9027	.9862	.1407	0.0000	.9005	.9860	.1418
.0075	-1.4450	.7511	.6520	.0100	.6190	.9378	.2484
.0101	-1.4992	.7469	.6565	.0177	.3913	.9352	.3103
.0164	-1.3939	.7561	.6439	.0526	-.0251	.8927	.4032
.0200	-1.3465	.7612	.6358	.1023	-.2017	.8760	.4383
.0265	-.8519	.8106	.5551	.1527	-.2526	.8706	.4466
.0308	-1.0311	.7936	.5836	.2020	-.2969	.8647	.4560
.0364	-.7907	.8171	.5443	.2770	-.3429	.8618	.4622
.0518	-.6590	.8303	.5217	.3757	-.3219	.8634	.4622
.0769	-.5574	.8406	.5033	.4507	-.2319	.8725	.4451
.1019	-.4919	.8471	.4920	.5257	-.1062	.8858	.4193
.1518	-.4132	.8546	.4788	.6007	.0191	.8978	.3949
.2019	-.3662	.8598	.4688	.6755	.1319	.9091	.3709
.2519	-.3552	.8606	.4675	.7173	.1825	.9147	.3506
.3018	-.3427	.8613	.4661	.8507	.2815	.9240	.3373
.4018	-.3471	.8609	.4666	.9010	.2839	.9243	.3367
.4519	-.3473	.8617	.4653	.9508	.2405	.9199	.3460
.5020	-.3390	.8619	.4650	1.0000	.0653	.9027	.3045
.5270	-.3475	.8611	.4665				
.5520	-.3429	.8622	.4644				
.5770	-.3445	.8613	.4660				
.6020	-.3488	.8610	.4667				
.6270	-.3507	.8607	.4672				
.6519	-.3522	.8611	.4665				
.6770	-.3541	.8602	.4681				
.7020	-.3517	.8605	.4676				
.7516	-.3308	.8626	.4638				
.8017	-.2861	.8672	.4551				
.8519	-.2269	.8737	.4427				
.9012	-.1541	.8804	.4299				
.9518	-.0547	.8898	.4111				
1.0000	.0646	.9022	.3854				

ORIGINALLY PRINTED
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 42 POINT 5 GRIT ***OFF***
 PT = 3.4731 TT = 228.6 M, INF = .3996 RC*E06 = 6.20 ALPHA = 1.75
 CN = .3549 CM.25 = -.0887

CD2 CD1 CD3 CD4 CD5
 .00865 .00896(.00031) .00866(.00001) .00793(-.00072) .00802(-.00063)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00770 .00834(.00063) .00785(.00014) .00732(-.00039) .0071(-.00024)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.8737	.9834	.1947	0.0000	.8689	.9828	.1573
.0075	-1.5766	.7377	.6730	.0100	.6585	.9617	.2364
.0101	-1.6137	.7341	.6787	.0177	.4345	.9391	.3003
.0164	-1.4934	.7468	.6586	.0526	.0094	.8966	.3974
.0200	-1.4491	.7506	.6526	.1023	-.1737	.8778	.4349
.0265	-.9103	.8045	.5655	.1527	-.2303	.8717	.4466
.0308	-1.0703	.7885	.5918	.2020	-.2769	.8671	.4552
.0364	-.8426	.8114	.5939	.2170	-.3270	.8621	.4645
.0518	-.7021	.8250	.5308	.3757	-.3097	.8641	.4609
.0769	-.5904	.8364	.5109	.4507	-.2225	.8729	.4442
.1019	-.5171	.8432	.4989	.5257	-.0984	.8849	.4209
.1518	-.4230	.8512	.4844	.6007	.0249	.8977	.3951
.2019	-.3829	.8564	.4750	.6755	.1359	.9089	.3714
.2519	-.3699	.8578	.4725	.7173	.1885	.9143	.3594
.3018	-.3560	.8594	.4695	.8507	.2836	.9239	.3376
.4018	-.3575	.8594	.4697	.9010	.2865	.9243	.3363
.4519	-.3556	.8590	.4704	.9508	.2413	.9196	.3475
.5020	-.3480	.8601	.4683	1.0000	.0658	.9018	.3865
.5270	-.3551	.8594	.4686				
.5520	-.3485	.8503	.4680				
.5770	-.3503	.8601	.4683				
.6020	-.3537	.8600	.4685				
.6270	-.3564	.8595	.4694				
.6519	-.3567	.8593	.4699				
.6770	-.3589	.8593	.4699				
.7020	-.3547	.8597	.4691				
.7516	-.3114	.8622	.4644				
.8017	-.2890	.8667	.4581				
.8519	-.2283	.8729	.4443				
.9012	-.1547	.8799	.4309				
.9518	-.0557	.8900	.4107				
1.0000	.0643	.9018	.3964				

TEST 110 RUN 42 POINT 6 GRIT ***OFF***
 PT = 3.4730 TT = 228.5 M, INF = .3996 RC*E06 = 6.20 ALPHA = 2.00
 CN = .3811 CM.25 = -.0889

CD2 CD1 CD3 CD4 CD5
 .00878 .00906(.00028) .00874(-.00004) .00793(-.00083) .00804(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00785 .00844(.00059) .00812(.00027) .00734(-.00051) .00747(-.00037)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.8349	.7790	.1713	0.0000	.8345	.9797	.1712
.0075	-1.7167	.7271	.6896	.0100	.6983	.9658	.2232
.0101	-1.7389	.7212	.6988	.0177	.4749	.9434	.2892
.0164	-1.5929	.7366	.6748	.0526	.0460	.9006	.3891
.0200	-1.5589	.7392	.6707	.1023	-.1449	.8814	.4278
.0265	-.9720	.7987	.5752	.1527	-.2073	.8752	.4399
.0308	-1.1150	.7834	.5995	.2020	-.2557	.8703	.4493
.0364	-.8977	.8055	.5638	.2770	-.3103	.8649	.4595
.0518	-.7452	.8212	.5372	.3757	-.2963	.8668	.4559
.0769	-.6250	.8335	.5161	.4507	-.2111	.8747	.4408
.1019	-.5475	.8412	.5025	.5257	-.0905	.8869	.4170
.1518	-.4566	.8502	.4864	.6007	.0312	.8993	.3917
.2019	-.4005	.8558	.4763	.6755	.1416	.9102	.3685
.2519	-.3838	.8573	.4735	.7173	.1924	.9152	.3574
.3018	-.3693	.8595	.4695	.8507	.2865	.9244	.3363
.4018	-.3677	.8590	.4703	.9010	.2887	.9248	.3354
.4519	-.3662	.8593	.4697	.9508	.2428	.9203	.3458
.5020	-.3568	.8600	.4674	1.0000	.0659	.9029	.3841
.5270	-.3628	.8598	.4689				
.5520	-.3559	.8604	.4678				
.5770	-.3581	.8598	.4678				
.6020	-.3609	.8599	.4687				
.6270	-.3634	.8598	.4689				
.6519	-.3638	.8602	.4681				
.6770	-.3643	.8590	.4704				
.7020	-.3605	.8596	.4692				
.7516	-.3399	.8621	.4646				
.8017	-.2918	.8665	.4585				
.8519	-.2302	.8732	.4436				
.9012	-.1569	.8806	.4294				
.9518	-.0556	.8904	.4100				
1.0000	.0644	.9020	.3860				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 42 POINT 7 GRIT ***OFF***
 PT = 3.4731 TT = 228.4 M,INF = .3985 RC*E06 = 6.25 ALPHA = 2.25
 CM = .4077 CM.25 = -.0889

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.7930	.9754	.1897	0.0000	.7941	.9755	.1894
.0075	-1.8730	.7102	.7159	.0100	.7381	.9698	.2095
.0101	-1.8712	.7089	.7179	.0177	.5148	.9475	.2782
.0164	-1.7084	.7241	.6942	.0526	.0817	.9046	.3806
.0200	-1.6699	.7303	.6846	.1023	-.1160	.8847	.4213
.0265	-1.0389	.7919	.3863	.1527	-.1823	.8778	.4349
.0308	-1.1637	.7796	.6063	.2020	-.2356	.8727	.4446
.0364	-.9614	.8008	.5716	.2770	-.2924	.8673	.4549
.0518	-.7905	.8170	.5444	.3757	-.2834	.8678	.4540
.0769	-.6616	.8386	.5211	.4507	-.2018	.8762	.4380
.1019	-.5776	.8387	.5069	.5257	-.0818	.8874	.4161
.1518	-.4989	.8481	.4902	.6007	.0370	.8996	.3911
.2019	-.4202	.8543	.4787	.6755	.1460	.9104	.3680
.2519	-.4017	.8564	.4751	.7173	.1966	.9153	.3571
.3018	-.3843	.8577	.4727	.8507	.2694	.9244	.3364
.4018	-.3806	.8583	.4715	.9010	.2905	.9247	.3356
.4519	-.3751	.8579	.4723	.9508	.2443	.9200	.3466
.5020	-.3654	.8593	.4697	1.0000	.0659	.9025	.3851
.5270	-.3717	.8586	.4711				
.5520	-.3650	.8590	.4704				
.5770	-.3650	.8586	.4711				
.6020	-.3683	.8586	.4710				
.6270	-.3699	.8582	.4718				
.6519	-.3697	.8588	.4706				
.6770	-.3701	.8587	.4709				
.7020	-.3662	.8590	.4703				
.7516	-.3420	.8612	.4663				
.8017	-.2956	.8661	.4371				
.8519	-.2325	.8725	.4450				
.9012	-.1582	.8903	.4299				
.9518	-.0556	.8404	.4099				
1.0000	.0645	.9022	.3853				

TEST 118 RUN 42 POINT 8 GRIT ***OFF***
 PT = 3.4733 TT = 228.7 M,INF = .3975 RC*E06 = 6.25 ALPHA = 2.38
 CM = .4333 CM.25 = -.0888

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.7930	.9714	.2036	0.0000	.7505	.9711	.2047
.0075	-2.0160	.6953	.7388	.0100	.7726	.9731	.1966
.0101	-2.0083	.6956	.7383	.0177	.5531	.9512	.2677
.0164	-1.8182	.7153	.7080	.0526	.1164	.9082	.3727
.0200	-1.7640	.7193	.7017	.1023	-.0882	.8876	.4156
.0265	-1.1029	.7862	.3956	.1527	-.1694	.8805	.4296
.0308	-1.2298	.7733	.6164	.2020	-.2146	.8741	.4420
.0364	-1.0164	.7939	.5829	.2770	-.2759	.8684	.4529
.0518	-.8377	.8120	.5529	.3757	-.2704	.8688	.4520
.0769	-.6974	.8274	.5266	.4507	-.1910	.8768	.4369
.1019	-.6074	.8359	.5118	.5257	-.0749	.8887	.4134
.1518	-.5029	.8464	.4932	.6007	.0430	.8907	.3882
.2019	-.4376	.8517	.4836	.6755	.1303	.9116	.3655
.2519	-.4184	.8541	.4792	.7173	.2011	.9165	.3546
.3018	-.3976	.8561	.4756	.8507	.2925	.9252	.3346
.4018	-.3908	.8568	.4744	.9010	.2929	.9252	.3346
.4519	-.3855	.8577	.4728	.9508	.2460	.9206	.3432
.5020	-.3746	.8595	.4694	1.0000	.0658	.9025	.3850
.5270	-.3794	.8589	.4705				
.5520	-.3720	.8594	.4696				
.5770	-.3716	.8587	.4709				
.6020	-.3742	.8584	.4714				
.6270	-.3752	.8585	.4712				
.6519	-.3746	.8584	.4714				
.6770	-.3754	.8590	.4704				
.7020	-.3698	.8600	.4685				
.7516	-.3451	.8615	.4658				
.8017	-.2989	.8673	.4349				
.8519	-.2342	.8749	.4405				
.9012	-.1585	.8821	.4265				
.9518	-.0554	.8920	.4067				
1.0000	.0648	.9028	.3843				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 42 POINT 9 GRIT ***OFF***
 PT = 3.4732 TT = 229.1 M,INF = .3988 RC*E06 = 6.26 ALPHA = 3.00
 CM = .4860 CM.25 = -.0891

X/C	UPPER SURFACE				X/C	LOWER SURFACE			
	CP	P/PT	MLOC			CP	P/PT	MLOC	
0.0000	.6986	.9618	.2360		0.0000	.6541	.9615	.2370	
.0075	-2.3288	.6642	.7866		.0100	.8354	.9796	.1716	
.0101	-2.2984	.6662	.7835		.0177	.6251	.9585	.2464	
.0164	-2.0639	.6895	.7477		.0526	.1845	.9147	.3585	
.0200	-1.9350	.7631	.7269		.1023	-.0320	.8928	.4051	
.0265	-1.2401	.7726	.6177		.1527	-.1143	.8841	.4225	
.0308	-1.3743	.7586	.6400		.2020	-.1755	.8786	.4334	
.0364	-1.1396	.7821	.6017		.2770	-.2433	.8714	.4471	
.0518	-.9323	.8028	.5683		.3757	-.2443	.8712	.4474	
.0769	-.7708	.8195	.5401		.4507	-.1707	.8788	.4320	
.1019	-.6687	.8292	.5223		.5257	-.0588	.8598	.4112	
.1518	-.9493	.8404	.5038		.6007	.0354	.9012	.3877	
.2019	-.4780	.8484	.4897		.6755	.1395	.9117	.3651	
.2519	-.4517	.8505	.4858		.7173	.2086	.9177	.3532	
.3018	-.4258	.8530	.4812		.8507	.2980	.9254	.3329	
.4018	-.4130	.8545	.4766		.9010	.2976	.9257	.3334	
.4519	-.4055	.8550	.4776		.9508	.2490	.9213	.3436	
.5020	-.3921	.8563	.4753		1.0000	.0657	.9030	.3040	
.5270	-.3978	.8559	.4761						
.5520	-.3884	.8576	.4730						
.5770	-.3892	.8573	.4734						
.6020	-.3885	.8571	.4739						
.6270	-.3901	.8577	.4727						
.6519	-.3869	.8579	.4723						
.6770	-.3867	.8576	.4729						
.7020	-.3809	.8583	.4716						
.7516	-.3549	.8604	.4678						
.8017	-.3041	.8654	.4585						
.8519	-.2385	.8723	.4454						
.9012	-.1601	.8802	.4302						
.9518	-.0564	.8903	.4102						
1.0000	.0641	.9026	.3848						

TEST 118 RUN 42 POINT 19 GRIT ***OFF***
 PT = 3.4732 TT = 229.3 M,INF = .4001 RC*E06 = 6.27 ALPHA = 3.48
 CM = .5366 CM.25 = -.0891

X/C	UPPER SURFACE				X/C	LOWER SURFACE			
	CP	P/PT	MLOC			CP	P/PT	MLOC	
0.0000	.5515	.9509	.2687		0.0000	.5518	.9511	.2682	
.0075	-2.6664	.8288	.8411		.0100	.8888	.9848	.1478	
.0101	-2.6007	.8332	.8343		.0177	.6908	.9651	.2254	
.0164	-2.3335	.6611	.7915		.0526	.2483	.9208	.3447	
.0200	-2.0603	.6896	.476		.1023	.0200	.8977	.3949	
.0265	-1.3753	.7578	.6412		.1527	-.0711	.8888	.4132	
.0308	-1.5309	.7410	.6679		.2020	-.1377	.8820	.4267	
.0364	-1.2590	.7698	.6221		.2770	-.2095	.8742	.4417	
.0518	-.0264	.7936	.5834		.3757	-.2202	.8733	.4435	
.0769	-.8436	.8116	.5535		.4507	-.1507	.8802	.4302	
.1019	-.7280	.8228	.5345		.5257	-.0439	.8913	.4082	
.1518	-.5951	.8363	.5111		.6007	.0675	.9021	.3859	
.2019	-.5133	.8444	.4968		.6755	.1688	.9122	.3642	
.2519	-.4821	.8468	.4825		.7173	.2169	.9170	.3534	
.3018	-.4543	.8498	.4872		.8507	.3021	.9254	.3340	
.4018	-.4353	.8516	.4839		.9010	.3023	.9257	.3334	
.4519	-.4264	.8529	.4814		.9508	.2519	.9202	.3460	
.5020	-.4087	.8541	.4793		1.0000	.0646	.9017	.3867	
.5270	-.4127	.8536	.4803						
.5520	-.4030	.8546	.4785						
.5770	-.4024	.8543	.4780						
.6020	-.4029	.8547	.4782						
.6270	-.4011	.8542	.4791						
.6519	-.3995	.8550	.4777						
.6770	-.3983	.8549	.4779						
.7020	-.3972	.8558	.4763						
.7516	-.3674	.8582	.4718						
.8017	-.3105	.8640	.4611						
.8519	-.2428	.8705	.4489						
.9012	-.1619	.8790	.4325						
.9518	-.0563	.8893	.4122						
1.0000	.0633	.9014	.3872						

GENERAL INDEX OF POOR QUALITY

TABLE II.- Continued.

PT = 3.4731 TEST 118 RUN 42 POINT 11 GRIT ***OFF***
 CN = .5906 TT = 229.4 M, INF = .3986 RC*E06 = 6.24 ALPHA = 4.00
 CD2 CD1 CD3 CD4 CD5
 .00932 .00980(.00028) .00940(-.00011) .00871(-.00081) .00858(-.00094)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00663 .00918(.00055) .00878(.00015) .00812(-.00051) .00803(-.00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.4289	.9385	.3019	0.0000	.4243	.9385	.3020
.0075	-3.0745	.5890	.9029	.0100	.9572	.9897	.1217
.0101	-2.9402	.6016	.8932	.0177	.7533	.9712	.2043
.0164	-2.6494	.6292	.8405	.0526	.3136	.9273	.3299
.0200	-2.2159	.6739	.7717	.1623	.0729	.9033	.3834
.0265	-1.5237	.7433	.6643	.1527	-.0257	.8933	.4041
.0306	-1.7051	.7252	.6926	.2020	-.0977	.8860	.4188
.0364	-1.3919	.7565	.6434	.2770	-.1766	.8784	.4336
.0518	-1.1295	.7825	.6016	.3757	-.1940	.8764	.4375
.0769	-.9224	.8037	.5667	.4507	-.2304	.8826	.4254
.1019	-.7973	.8153	.5457	.5257	-.0272	.8929	.4650
.1518	-.6462	.8311	.5201	.6007	.0793	.9039	.3821
.2019	-.5549	.8402	.5043	.6755	.1782	.9141	.3599
.2519	-.5176	.8444	.4969	.7173	.2240	.9185	.3501
.3018	-.4854	.8473	.4916	.8507	.3070	.9264	.3317
.4018	-.4590	.8497	.4873	.9010	.3656	.9263	.3319
.4519	-.4450	.8509	.4851	.9508	.2557	.9216	.3429
.5020	-.4280	.8532	.4810	1.0000	.0641	.9023	.3854
.5270	-.4309	.8534	.4806				
.5520	-.4194	.8540	.4794				
.5770	-.4168	.8538	.4790				
.6020	-.4153	.8541	.4794				
.6270	-.4149	.8546	.4784				
.6519	-.4090	.8550	.4777				
.6770	-.4076	.8551	.4775				
.7020	-.4004	.8562	.4754				
.7516	-.3705	.8591	.4701				
.8017	-.3156	.8646	.4599				
.8519	-.2457	.8713	.4473				
.9012	-.1639	.8797	.4312				
.9518	-.0573	.8908	.4092				
1.0000	.0630	.9022	.3856				

PT = 3.4730 TEST 118 RUN 42 POINT 12 GRIT ***OFF***
 CN = .6940 TT = 229.5 M, INF = .3988 RC*E06 = 6.24 ALPHA = 5.02
 CD2 CD1 CD3 CD4 CD5
 .01015 .01027(.00012) .01001(-.00013) .00944(-.00071) .00924(-.00090)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00925 .00952(.00027) .00919(-.00006) .00883(-.00042) .00872(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.1479	.9111	.3666	0.0000	.1455	.9109	.3670
.0075	-3.9494	.5029	1.0010	.0100	.9995	.9959	.0766
.0101	-3.6338	.5339	.9902	.0177	.8550	.9813	.1634
.0164	-3.3746	.5600	.9484	.0526	.4295	.9390	.3006
.0200	-2.5150	.6457	.8150	.1023	.1733	.9138	.3605
.0265	-1.8005	.7150	.7083	.1527	.0583	.9021	.3859
.0306	-2.0288	.6940	.7409	.2020	-.0231	.8937	.4033
.0364	-1.6420	.7327	.6808	.2770	-.1138	.8848	.4212
.0518	-1.3286	.7631	.6328	.3757	-.1450	.8816	.4274
.0769	-1.0783	.7885	.5919	.4507	-.0903	.8872	.4163
.1019	-.9247	.8047	.5651	.5257	.0025	.8961	.3983
.1518	-.7436	.8221	.5358	.6007	.1027	.9061	.3773
.2019	-.6328	.8327	.5174	.6755	.1963	.9156	.3565
.2519	-.5861	.8376	.5088	.7173	.2402	.9198	.3471
.3018	-.5430	.8419	.5013	.8507	.3171	.9275	.3291
.4018	-.5036	.8460	.4939	.9010	.3139	.9273	.3295
.4519	-.4856	.8472	.4917	.9508	.2600	.9217	.3428
.5020	-.4623	.8496	.4873	1.0000	.0611	.9017	.3867
.5270	-.4638	.8496	.4874				
.5520	-.4507	.8505	.4858				
.5770	-.4458	.8511	.4841				
.6020	-.4430	.8516	.4838				
.6270	-.4386	.8516	.4839				
.6519	-.4323	.8521	.4829				
.6770	-.4284	.8524	.4823				
.7020	-.4190	.8538	.4799				
.7516	-.3853	.8571	.4739				
.8017	-.3266	.8630	.4630				
.8519	-.2521	.8703	.4492				
.9012	-.1667	.8791	.4324				
.9518	-.0568	.8901	.4105				
1.0000	.0591	.9014	.3873				

TABLE II.- Continued.

TEST 118 RUN 42 POINT 13 GRIT ***OFF***
 PT = 3.4728 TT = 229.9 M, INF = .3986 RC*E06 = 6.24 ALPHA = 6.01
 CN = .7893 CM.25 = -.0866

CD2 CD1 CD3 CD4 CD5
 .01130 .01150(-.00019) .01130(-.00070) .01109(-.00022) .01094(-.00037)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01041 .01074(.00033) .01049(.00008) .01054(.00013) .01043(.00002)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	-.1420	.8815	.4275	0.0000	-.1492	.8811	.4285
.0075	-.0942	.3867	1.2485	.0100	1.0333	.9993	.0313
.0101	-4.5280	.4426	1.1446	.0177	.9310	.9891	.1249
.0164	-3.7418	.5209	1.0114	.0926	.5274	.9487	.2749
.0200	-2.7811	.6185	.8570	.1023	.2620	.9224	.3411
.0265	-2.0706	.6899	.7471	.1527	.1352	.9096	.3694
.0308	-2.3252	.6631	.7883	.2020	.0446	.9008	.3885
.0344	-1.8845	.7080	.7192	.2770	-.0538	.8908	.4092
.0518	-1.5227	.7444	.6624	.3757	-.0977	.8842	.4183
.0769	-1.2241	.7734	.6163	.4507	-.0947	.8908	.4092
.1019	-1.0503	.7915	.3870	.5257	.0311	.8990	.3923
.1518	-.8388	.8127	.5517	.6007	.1214	.9085	.3722
.2019	-.7123	.8255	.5299	.6755	.2117	.9175	.3525
.2519	-.6480	.8315	.5196	.7173	.2540	.9218	.3424
.3018	-.5966	.8363	.5111	.8507	.3256	.9287	.3262
.4018	-.5466	.8417	.5016	.9010	.3198	.9281	.3277
.4519	-.5210	.8438	.4979	.9508	.2625	.9221	.3418
.5020	-.4950	.8468	.4926	1.0000	.0555	.9017	.3667
.5270	-.4930	.8473	.4916				
.5520	-.4784	.8490	.4886				
.5770	-.4713	.8492	.4862				
.6020	-.4657	.8497	.4873				
.6270	-.4601	.8497	.4872				
.6519	-.4521	.8510	.4850				
.6770	-.4461	.8515	.4841				
.7020	-.4330	.8520	.4831				
.7518	-.3936	.8563	.4752				
.8017	-.3318	.8624	.4640				
.8519	-.2537	.8708	.4483				
.9012	-.1856	.8794	.4318				
.9518	-.0563	.8901	.4105				
1.0000	.0496	.9010	.3882				

TEST 118 RUN 82 POINT 1 GRIT ***OFF***
 PT = 3.4195 TT = 227.9 M, INF = .4020 RC*E06 = 7.19 ALPHA = -.07
 CN = .1590 CM.25 = -.0862

CD2 CD1 CD3 CD4 CD5
 .00946 .00944(-.00002) .00933(-.00013) .00901(-.00044) .00821(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00814 .00831(.00017) .00815(.00001) .00814(-.00000) .00793(-.00021)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0268	.9986	.0452	0.0000	1.0281	.9987	.0436
.0075	-.6316	.8295	.5228	.0100	.2841	.9236	.3382
.0101	-.7574	.8177	.5431	.0177	.0650	.9011	.3878
.0164	-.7351	.8198	.5396	.0526	-.2606	.8676	.4542
.0200	-.7427	.8195	.5400	.1023	-.3926	.8545	.4785
.0265	-.4919	.8452	.4952	.1527	-.4017	.8539	.4796
.0308	-.3663	.8371	.5096	.2020	-.4228	.8517	.4836
.0344	-.4829	.8478	.4905	.2770	-.4459	.8488	.4887
.0518	-.3857	.8555	.4767	.3757	-.3992	.8537	.4799
.0769	-.3372	.8598	.4687	.4507	-.3020	.8638	.4613
.1019	-.3046	.8634	.4621	.5257	-.1596	.8782	.4340
.1518	-.2675	.8675	.4545	.6007	-.0225	.8916	.4074
.2019	-.2446	.8697	.4502	.6755	.0972	.9037	.3823
.2519	-.2500	.8687	.4521	.7173	.1520	.9090	.3691
.3018	-.2508	.8686	.4520	.8507	.2577	.9202	.3461
.4018	-.2725	.8668	.4557	.9010	.2646	.9210	.3442
.4519	-.2606	.8659	.4574	.9508	.2263	.9172	.3529
.5020	-.2799	.8654	.4584	1.0000	.0675	.9014	.3872
.5270	-.2911	.8641	.4608				
.5520	-.2894	.8651	.4589				
.5770	-.2927	.8641	.4608				
.6020	-.3018	.8634	.4621				
.6270	-.3067	.8630	.4629				
.6519	-.3092	.8632	.4624				
.6770	-.3156	.8626	.4635				
.7020	-.3155	.8625	.4638				
.7518	-.3020	.8638	.4614				
.8017	-.2643	.8672	.4549				
.8519	-.2084	.8728	.4444				
.9012	-.1435	.8799	.4307				
.9518	-.0498	.8888	.4130				
1.0000	.0678	.9015	.3871				

ORIGINAL
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 82 POINT 2 GRIT ***OFF***
 PT = 3.6933 TT = 229.3 M,INF = .3934 RC*E06 = 6.92 ALPHA = 1.01
 CM = .2794 CM,25 = -.0872

CD2 CD1 CD3 CD4 CD5
 .00935 .00923(-.00012) .00936(.00001) .00893(-.00042) .00857(-.00078)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00916 .00943(.00026) .00831(.00014) .00813(-.00004) .00787(-.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLDC	X/C	CP	P/P1	MLDC
.0000	.9577	.9920	.1067	0.0000	.9558	.9918	.1080
.0075	-1.1428	.7867	.8947	.0100	.9257	.9499	.2715
.0101	-1.2305	.7782	.6085	.0177	.2938	.9269	.3305
.0164	-1.1366	.7875	.5934	.0526	-.0821	.8904	.4099
.0200	-1.0836	.7938	.5831	.1023	-.2498	.8739	.4424
.0265	-.7572	.8246	.5313	.1527	-.2869	.8704	.4489
.0308	-.8662	.8144	.5487	.2020	-.3249	.8668	.4557
.0364	-.6990	.8296	.5228	.2770	-.3650	.8630	.4628
.0518	-.5785	.8413	.5022	.3757	-.3383	.8657	.4578
.0769	-.4906	.8504	.4859	.4507	-.2545	.8739	.4270
.1019	-.4338	.8559	.4760	.5257	-.1239	.8867	.4173
.1518	-.3681	.8625	.4638	.6007	.0047	.8991	.3921
.2019	-.3281	.8665	.4564	.6755	.1182	.9101	.3686
.2519	-.3235	.8671	.4553	.7173	.1712	.9154	.3570
.3018	-.3153	.8680	.4552	.8507	.2699	.9249	.3352
.4018	-.3240	.8671	.4552	.9010	.2742	.9253	.3341
.4519	-.3266	.8670	.4555	.9508	.2328	.9213	.3436
.5020	-.3209	.8673	.4548	1.0000	.0662	.9052	.3792
.5270	-.3205	.8665	.4563				
.5520	-.3243	.8670	.4553				
.5770	-.3277	.8666	.4562				
.6020	-.3330	.8661	.4571				
.6270	-.3369	.8657	.4579				
.6519	-.3375	.8659	.4575				
.6770	-.3426	.8654	.4584				
.7020	-.3406	.8656	.4581				
.7516	-.3223	.8673	.4549				
.8017	-.2801	.8713	.4472				
.8519	-.2222	.8771	.4362				
.9012	-.1523	.8837	.4233				
.9518	-.0543	.8932	.4042				
1.0000	.0662	.9052	.3791				

TEST 118 RUN 82 POINT 3 GRIT ***OFF***
 PT = 3.9127 TT = 229.5 M,INF = .3994 RC*E06 = 7.04 ALPHA = 1.93
 CM = .2322 CM,25 = -.0876

CD2 CD1 CD3 CD4 CD5
 .00963 .00950(-.00012) .00953(-.00010) .00902(-.00061) .00871(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00939 .00968(.00029) .00869(.00030) .00819(-.00020) .00806(-.00033)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLDC	X/C	CP	P/P1	MLDC
0.0000	.9528	.9862	.1408	0.0000	.9006	.9859	.1421
.0075	-1.4049	.7941	.6471	.0100	.6183	.9575	.2492
.0101	-1.4704	.7477	.6572	.0177	.3900	.9350	.3107
.0164	-1.3375	.7615	.6353	.0526	-.0167	.8943	.4020
.0200	-1.2285	.7725	.6177	.1023	-.1898	.8767	.4368
.0265	-.8067	.8060	.5628	.1527	-.2399	.8726	.4448
.0308	-1.0068	.7942	.5823	.2020	-.2831	.8681	.4533
.0364	-.8157	.8139	.5496	.2770	-.3308	.8624	.4631
.0518	-.6704	.8290	.5237	.3757	-.3120	.8641	.4607
.0769	-.5610	.8399	.5048	.4507	-.2538	.8721	.4456
.1019	-.4740	.8463	.4933	.5257	-.1078	.8849	.4209
.1518	-.4154	.8551	.4774	.6007	.0167	.8974	.3955
.2019	-.3659	.8598	.4667	.6755	.1279	.9085	.3721
.2519	-.3555	.8604	.4677	.7173	.1797	.9192	.3484
.3018	-.3435	.8610	.4666	.8507	.2761	.9137	.3606
.4018	-.3466	.8608	.4669	.9010	.2796	.9234	.3387
.4519	-.3477	.8608	.4669	.9508	.2364	.9237	.3380
.5020	-.3393	.8618	.4651	1.0000	.0662	.9192	.3484
.5270	-.3472	.8608	.4669				
.5520	-.3417	.8615	.4656				
.5770	-.3448	.8611	.4663				
.6020	-.3483	.8607	.4671				
.6270	-.3511	.8601	.4682				
.6519	-.3514	.8608	.4670				
.6770	-.3544	.8601	.4682				
.7020	-.3508	.8604	.4676				
.7516	-.3311	.8625	.4637				
.8017	-.2865	.8668	.4557				
.8519	-.2282	.8729	.4443				
.9012	-.1543	.8803	.4299				
.9516	-.0539	.8902	.4103				
1.0000	.0670	.9024	.3852				

ORIGINAL QUALITY
OF FOOT QUALITY

TABLE II.- Continued.

TEST 118 RUN 82 POINT 4 GRIT ***OFF***
 PT = 3.9257 TT = 230.5 M,INF = .3981 RC*E06 = 7.00 ALPHA = 1.99
 CN = .3793 CM.25 = -.0878

CD2 CD1 CD3 CD4 CD5
 .41026 .01006(-.00020) .01010(-.00016) .00964(-.00062) .00923(-.00103)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00906 .00886(-.00019) .00894(-.00011) .00844(-.00061) .00818(-.00088)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.8428	.9802	.1687	0.0000	.8392	.9799	.1701
.0075	-1.6514	.7312	.6832	.0100	.6923	.9632	.2252
.0101	-1.6887	.7262	.6909	.0177	.4663	.9427	.2910
.0164	-1.5169	.7441	.6628	.0526	.0429	.9003	.3896
.0266	-1.3817	.7576	.6416	.1023	-.1385	.8824	.4257
.0265	-1.0033	.7494	.5805	.1527	-.1964	.8769	.4264
.0308	-1.1359	.7816	.6030	.2020	-.2465	.8722	.4455
.0364	-.9187	.8039	.5663	.2770	-.3013	.8666	.4361
.0518	-.7507	.8211	.5373	.3757	-.2905	.8677	.4441
.0769	-.6248	.8335	.5159	.4507	-.2163	.8748	.4405
.1019	-.5485	.8415	.5018	.5257	-.0944	.8870	.4166
.1516	-.4562	.8511	.4847	.6007	.0271	.8993	.3916
.2019	-.4006	.8569	.4741	.6755	.1362	.9099	.3691
.2519	-.3858	.8582	.4717	.7173	.1864	.9148	.3582
.3018	-.3703	.8597	.4689	.8507	.2801	.9241	.3362
.4018	-.3672	.8598	.4688	.9010	.2833	.9244	.3362
.4519	-.3654	.8600	.4683	.9508	.2396	.9203	.3459
.5020	-.3573	.8611	.4664	1.0000	.0649	.9028	.3842
.5270	-.3627	.8602	.4681				
.5520	-.3564	.8606	.4672				
.5770	-.3584	.8604	.4676				
.6020	-.3608	.8602	.4681				
.6270	-.3636	.8602	.4682				
.6519	-.3625	.8603	.4679				
.6770	-.3644	.8599	.4686				
.7020	-.3613	.8605	.4675				
.7518	-.3386	.8625	.4638				
.8017	-.2926	.8672	.4550				
.8519	-.2362	.8734	.4432				
.9012	-.1554	.8806	.4293				
.9518	-.0554	.8908	.4091				
1.0000	.0662	.9029	.3841				

TEST 118 RUN 82 POINT 6 GRIT ***OFF***
 PT = 3.9257 TT = 224.8 M,INF = .3989 RC*E06 = 7.04 ALPHA = 2.50
 CN = .4347 CM.25 = -.0862

CD2 CD1 CD3 CD4 CD5
 .00965 .00942(-.00023) .00959(-.00006) .00907(-.00058) .00873(-.00092)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00854 .00873(-.00014) .00870(-.00011) .00839(-.00020) .00810(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.7536	.9714	.2037	0.0000	.7535	.9714	.2037
.0075	-1.9539	.7012	.7296	.0100	.7699	.9730	.1979
.0101	-1.9544	.7000	.7315	.0177	.5494	.9509	.2685
.0164	-1.7410	.7221	.6973	.0526	.1173	.9075	.3743
.0266	-1.5694	.7392	.6706	.1023	-.0796	.8873	.4161
.0265	-1.1403	.7819	.6025	.1527	-.1469	.8807	.4292
.0308	-1.2941	.7663	.6276	.2020	-.2050	.8755	.4391
.0364	-1.0430	.7918	.5863	.2770	-.2657	.8693	.4511
.0518	-.8472	.8113	.5539	.3757	-.2624	.8697	.4503
.0769	-.7008	.8255	.5298	.4507	-.1946	.8763	.4376
.1019	-.6125	.8337	.5156	.5257	-.0775	.8880	.4146
.1516	-.5054	.8446	.4963	.6007	.0399	.8997	.3908
.2019	-.4412	.8519	.4831	.6755	.1469	.9104	.3680
.2519	-.4196	.8539	.4796	.7173	.1963	.9156	.3562
.3018	-.3996	.8560	.4758	.8507	.2871	.9245	.3362
.4018	-.3910	.8567	.4745	.9010	.2885	.9247	.3356
.4519	-.3869	.8570	.4739	.9508	.2436	.9202	.3461
.5020	-.3751	.8581	.4719	1.0000	.0655	.9021	.3856
.5270	-.3748	.8576	.4729				
.5520	-.3743	.8585	.4711				
.5770	-.3734	.8583	.4716				
.6020	-.3767	.8561	.4718				
.6270	-.3766	.8581	.4719				
.6519	-.3749	.8580	.4722				
.6770	-.3765	.8581	.4719				
.7020	-.3720	.8585	.4712				
.7518	-.3474	.8602	.4680				
.8017	-.2785	.8655	.4582				
.8519	-.2340	.8715	.4469				
.9012	-.1587	.8796	.4313				
.9518	-.0554	.8896	.4115				
1.0000	.0655	.9024	.3851				

ORIGIN
OF POINT

TABLE II.-- Continued.

TEST 118 RUN 82 POINT 7 GRIT ***OFF***
 PT = 3.9257 TT = 231.1 M,INF = .3909 RC*E06 = 6.96 ALPHA = 4.01
 CN = .5902 CM,25 = -.0883
 CD2 CD1 CD3 CD4 CD5
 .01059 .01019(-.00031) .01037(-.00013) .00975(-.00075) .00934(-.00116)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00931 .00916(-.00015) .00932(.00002) .00883(-.00048) .00864(-.00067)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.4280	.9392	.3002	0.0000	.4263	.9389	.3009
.0075	-2.9615	.8832	.8832	.0100	.9339	.9895	.1228
.0101	-2.8467	.8145	.8631	.0177	.7506	.9714	.2037
.0164	-2.4400	.6541	.8025	.0526	.3120	.9277	.3285
.0200	-2.1496	.6831	.7576	.1023	.0726	.9041	.3816
.0265	-1.5617	.7419	.6664	.1527	-.0124	.8953	.3998
.0308	-1.7703	.7213	.6986	.2020	-.0869	.8880	.4146
.0364	-1.4166	.7559	.6442	.2770	-.1667	.8802	.4300
.0518	-1.1402	.7842	.5988	.3757	-.1858	.8783	.4337
.0769	-.9256	.8048	.5648	.4507	-.1334	.8836	.4234
.1019	-.7957	.8179	.5427	.5257	-.0314	.8940	.4025
.1518	-.6458	.8323	.5179	.6007	.0772	.9043	.3810
.2019	-.5551	.8415	.5018	.6755	.1748	.9142	.3596
.2519	-.5167	.8455	.4948	.7173	.2208	.9185	.3499
.3018	-.4844	.8487	.4890	.8907	.3030	.9269	.3304
.4018	-.4580	.8514	.4841	.9010	.3013	.9268	.3306
.4514	-.4475	.8529	.4814	.9508	.2521	.9217	.3247
.5020	-.4282	.8541	.4792	1.0000	.0629	.9028	.3842
.5270	-.4315	.8540	.4794				
.5520	-.4190	.8549	.4778				
.5770	-.4179	.8554	.4768				
.6020	-.4179	.8556	.4764				
.6270	-.4158	.8553	.4770				
.6519	-.4105	.8557	.4762				
.6770	-.4093	.8561	.4756				
.7020	-.4011	.8568	.4743				
.7516	-.3713	.8599	.4685				
.8017	-.3156	.8650	.4592				
.8519	-.2456	.8716	.4467				
.9012	-.1633	.8801	.4303				
.9519	-.0569	.8908	.4090				
1.0000	.0834	.9030	.3838				

TEST 118 RUN 82 POINT 8 GRIT ***OFF***
 PT = 3.9257 TT = 229.0 M,INF = .3974 RC*E06 = 7.05 ALPHA = 6.01
 CN = .7902 CM,25 = -.0659
 CD2 CD1 CD3 CD4 CD5
 .01219 .01194(-.00025) .01213(-.00010) .01136(-.00083) .01105(-.00115)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01163 .01115(.00012) .01131(.00028) .01061(-.00042) .01040(-.00064)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	-.1520	.8826	.4254	0.0000	-.1527	.8827	.4251
.0075	-5.0724	.3989	1.2249	.0100	1.0295	.9990	.0375
.0101	-3.4262	.4523	1.1274	.0177	.9273	.9889	.1260
.0164	-2.9422	.5604	.9478	.0526	.5270	.9494	.2728
.0200	-2.9583	.6068	.8750	.1023	.2603	.9231	.3393
.0265	-2.1324	.6881	.7498	.1527	-.1369	.9102	.3683
.0308	-2.4448	.6571	.7974	.2020	-.0507	.9014	.3871
.0364	-1.9479	.7062	.7219	.2770	-.0467	.8916	.4075
.0518	-1.5452	.7452	.6611	.3757	-.0915	.8870	.4167
.0769	-1.2323	.7757	.6125	.4507	-.0383	.8903	.4100
.1019	-1.0487	.7940	.5827	.5257	.0270	.8986	.3932
.1518	-.8376	.8134	.5504	.6007	.1218	.9082	.3728
.2019	-.7114	.8255	.5297	.6755	.2087	.9169	.3535
.2519	-.6463	.8316	.5193	.7173	.2496	.9211	.3440
.3018	-.5977	.8365	.5107	.8907	.3214	.9284	.3268
.4018	-.5459	.8415	.5016	.9010	.3158	.9279	.3280
.4514	-.5229	.8435	.4983	.9508	.2600	.9221	.3416
.5020	-.4942	.8466	.4927	1.0000	.0539	.9010	.3862
.5270	-.4535	.8468	.4924				
.5520	-.4800	.8482	.4898				
.5770	-.4730	.8493	.4879				
.6020	-.4681	.8499	.4869				
.6270	-.4617	.8501	.4865				
.6519	-.4531	.8515	.4840				
.6770	-.4466	.8519	.4842				
.7020	-.4357	.8532	.4809				
.7516	-.3964	.8569	.4740				
.8017	-.3336	.8634	.4622				
.8519	-.2514	.8709	.4479				
.9012	-.1669	.8800	.4305				
.9519	-.0567	.8909	.4088				
1.0000	.0548	.9018	.3863				

TABLE II.- Continued.

PT = 3.2607 TEST 118 RUN 43 POINT 1 GRIT ****OFF***
 CM = .1741 TT = 228.9 M:INF = .9000 RC*E06 = 7.10 ALPHA = .01
 CD2 CD1 CD3 CD4 CD5
 .00829 .00849(.00016)00731(-.00098) .00772(-.00054)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCUR5
 .00749 .00773(.00027)00674(-.00075) .00733(-.00016)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0535	.9985	.0459	0.0000	1.0507	.9981	.0526
.0075	-.6860	.7418	.6666	.0100	.3270	.8914	.4081
.0101	-.8144	.7229	.6962	.0177	.0894	.8558	.4762
.0164	-.8372	.7205	.7090	.0526	-.2822	.8010	.5713
.0200	-.8085	.7230	.6959	.1023	-.4129	.7816	.6032
.0265	-.9488	.7622	.6343	.1527	-.4168	.7811	.6040
.0308	-.6544	.7465	.6593	.2020	-.4357	.7778	.6093
.0364	-.5013	.7685	.6243	.2770	-.4646	.7737	.6159
.0518	-.4003	.7834	.6003	.3757	-.4153	.7812	.6038
.0769	-.3572	.7899	.5896	.4507	-.3121	.7966	.5785
.1019	-.3239	.7947	.5817	.5257	-.1591	.8193	.5405
.1318	-.2839	.8007	.5718	.6007	-.0155	.8401	.5045
.2019	-.2575	.8042	.5660	.6755	.1121	.8586	.4712
.2519	-.2640	.8034	.5673	.7173	.1697	.8677	.4542
.3018	-.2645	.8035	.5671	.8507	.2782	.8838	.4232
.4018	-.2872	.8003	.5725	.9010	.2857	.8849	.4209
.4519	-.2941	.7994	.5740	.9508	.2443	.8787	.4331
.5020	-.2943	.7987	.5751	1.0000	.0767	.8541	.4794
.5270	-.3046	.7967	.5785				
.5520	-.3034	.7977	.5769				
.5770	-.3093	.7969	.5781				
.6020	-.3146	.7962	.5793				
.6270	-.3217	.7950	.5813				
.6519	-.3254	.7947	.5818				
.6770	-.3310	.7935	.5838				
.7020	-.3300	.7932	.5841				
.7516	-.3162	.7960	.5796				
.8017	-.2736	.8018	.5700				
.8519	-.2160	.8108	.5549				
.9012	-.1465	.8209	.5379				
.9518	-.0476	.8355	.5125				
1.0000	.0758	.8537	.4801				

PT = 3.2605 TEST 118 RUN 43 POINT 2 GRIT ****OFF***
 CM = .2881 TT = 229.6 M:INF = .4978 RC*E06 = 7.05 ALPHA = 1.00
 CD2 CD1 CD3 CD4 CD5
 .00843 .00876(.00033)00754(-.00089) .00782(-.00060)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCUR5
 .00763 .00803(.00040)00696(-.00066) .00731(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9946	.9898	.1209	0.0000	.9937	.9897	.1214
.0075	-1.1606	.6698	.7781	.0100	.5438	.9235	.3386
.0101	-1.2892	.6537	.8028	.0177	.3027	.8880	.4148
.0164	-1.2471	.6594	.7942	.0526	-.1085	.8270	.5274
.0200	-1.2043	.6654	.7848	.1023	-.2788	.8021	.5694
.0265	-.7647	.7309	.6837	.1527	-.3122	.7974	.5774
.0308	-.9722	.7004	.7311	.2020	-.3477	.7932	.5842
.0364	-.6938	.7407	.6583	.2770	-.3891	.7873	.5939
.0518	-.5896	.7366	.6432	.3757	-.3591	.7912	.5875
.0769	-.5027	.7688	.6238	.4507	-.2670	.8047	.5651
.1019	-.4472	.7773	.6101	.5257	-.1232	.8255	.5299
.1318	-.3796	.7874	.5937	.6007	.0102	.8454	.4530
.2019	-.3383	.7946	.5819	.6755	.1309	.8631	.4629
.2519	-.3327	.7952	.5804	.7173	.1872	.8715	.4469
.3018	-.3296	.7961	.5794	.8507	.2904	.8863	.4182
.4018	-.3384	.7946	.5820	.9010	.2937	.8874	.4139
.4519	-.3382	.7942	.5825	.9508	.2508	.8809	.4289
.5020	-.3343	.7949	.5819	1.0000	.0753	.8533	.4771
.5270	-.3429	.7935	.5838				
.5520	-.3385	.7945	.5821				
.5770	-.3419	.7934	.5839				
.6020	-.3468	.7932	.5841				
.6270	-.3516	.7926	.5832				
.6519	-.3530	.7926	.5832				
.6770	-.3564	.7923	.5837				
.7020	-.3545	.7925	.5833				
.7516	-.3341	.7957	.5802				
.8017	-.2893	.8025	.5687				
.8519	-.2270	.8112	.5542				
.9012	-.1318	.8216	.5365				
.9518	-.0495	.8369	.5102				
1.0000	.0743	.8533	.4771				

ORIGINAL FROM IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 43 POINT 3 GRIT ****OFF***
PT = 3.2604 TT = 229.0 M,INF = .4967 RC*E06 = 7.06 ALPHA = 1.51
CN = .3439 CM.25 = -.0924

CD2 CD1 CD3 CD4 CD5
.00659 .00884(.00025)00758(-.00701) .00774(-.00084)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00776 .00812(.00034)00702(-.00076) .00731(-.00047)

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/PT				CP	P/PT	MLOC
0.0000	.9438	.9824	.1592	0.0000	.9434	.9824	.1594	
.0075	-1.4594	.6293	.8404	.0100	.6364	.9376	.3043	
.0101	-1.5582	.6150	.8624	.0177	.3965	.9051	.3838	
.0164	-1.4751	.6268	.8442	.0526	-.0283	.8462	.5043	
.0200	-1.4373	.6348	.8319	.1023	-.2142	.8134	.5505	
.0265	-.8875	.7144	.7093	.1527	-.2636	.8059	.5632	
.0308	-1.0797	.6853	.7543	.2020	-.3036	.7999	.5731	
.0364	-.8180	.7252	.6926	.2770	-.3550	.7925	.5854	
.0518	-.6851	.7450	.6616	.3757	-.3310	.7956	.5982	
.0769	-.5792	.7595	.6386	.4507	-.2451	.8065	.5987	
.1019	-.5098	.7793	.6214	.5257	-.1088	.8288	.5243	
.1518	-.4291	.7817	.6030	.6007	.0228	.8477	.4910	
.2019	-.3775	.7891	.5910	.6759	.1407	.8648	.4596	
.2519	-.3682	.7905	.5866	.7173	.1951	.8731	.4440	
.3018	-.3551	.7921	.5860	.8507	.2984	.8874	.4160	
.4018	-.3611	.7916	.5868	.9010	.2981	.8880	.4149	
.4519	-.3596	.7921	.5860	.9508	.2530	.8809	.4288	
.5020	-.3535	.7926	.5852	1.0000	.0750	.8550	.4776	
.5270	-.3617	.7912	.5875					
.5270	-.3593	.7924	.5852					
.5520	-.3571	.7918	.5866					
.5770	-.3620	.7913	.5873					
.6020	-.3651	.7902	.5892					
.6270	-.3665	.7903	.5890					
.6519	-.3686	.7899	.5896					
.6770	-.3652	.7901	.5893					
.7020	-.3448	.7940	.5829					
.7516	-.2954	.8006	.5720					
.8017	-.2318	.8102	.5555					
.8519	-.1557	.8214	.5369					
.9012	-.0504	.8367	.5105					
.9518	.0740	.8548	.4780					
1.0000								

TEST 118 RUN 43 POINT 4 GRIT ****OFF***
PT = 3.2605 TT = 229.4 M,INF = .4998 RC*E06 = 7.06 ALPHA = 1.76
CN = .3717 CM.25 = -.0927

CD2 CD1 CD3 CD4 CD5
.00859 .00881(.00021)00765(-.00094) .00783(-.00077)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00776 .00809(.00032)00706(-.00070) .00731(-.00045)

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/PT				CP	P/PT	MLOC
0.0000	.9158	.9781	.1778	0.0000	.9144	.9780	.1781	
.0075	-1.6083	.6068	.8752	.0100	.6769	.9429	.2906	
.0101	-1.6980	.5922	.8978	.0177	.4395	.9076	.3741	
.0164	-1.5967	.6068	.8751	.0526	.0108	.8443	.4970	
.0200	-1.5629	.6123	.8666	.1023	-.1839	.8156	.5668	
.0265	-.9510	.7026	.7276	.1527	-.2408	.8073	.5608	
.0308	-1.1087	.6792	.7636	.2020	-.2846	.8010	.5714	
.0364	-.8810	.7129	.7117	.2770	-.3380	.7925	.5853	
.0518	-.7308	.7349	.6780	.3757	-.3190	.7948	.5616	
.0769	-.6166	.7516	.6312	.4507	-.2340	.8074	.5607	
.1019	-.5419	.7627	.6335	.5257	-.1014	.8276	.5283	
.1518	-.4534	.7759	.6124	.6007	.0290	.8481	.4902	
.2019	-.3984	.7842	.5990	.6759	.1463	.8646	.4601	
.2519	-.3350	.7856	.5967	.7173	.1998	.8723	.4455	
.3018	-.3704	.7872	.5941	.8507	.2988	.8866	.4176	
.4018	-.3722	.7860	.5946	.9010	.3018	.8877	.4154	
.4519	-.3719	.7877	.5933	.9508	.2555	.8806	.4295	
.5020	-.3631	.7905	.5886	1.0000	.0750	.8538	.4799	
.5270	-.3705	.7883	.5923					
.5270	-.3651	.7888	.5915					
.5520	-.3663	.7881	.5926					
.6020	-.3703	.7887	.5916					
.6270	-.3737	.7876	.5933					
.6519	-.3741	.7874	.5937					
.6770	-.3762	.7889	.5946					
.7020	-.3724	.7869	.5946					
.7516	-.3493	.7907	.5883					
.8017	-.3014	.7979	.5765					
.8519	-.2343	.8082	.5593					
.9012	-.1471	.8193	.5405					
.9518	-.0404	.8350	.5135					
1.0000	.0736	.8534	.4806					

TABLE II.- Continued.

PT = 3.2601 TEST 118 RUN 43 POINT 5 GRIT ***OFF***
 CM = .3971 TT = 229.7 M, INF = .4977 RC#E36 = 7.04 ALPHA = 2.00

CD2 CD1 CD3 CD4 CD5
 .00862 .00892(.00030)00776(-.00086) .00788(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00780 .00822(.00042)00718(-.00062) .00736(-.00044)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8855	.9738	.1947	0.0000	.8820	.9735	.1960
.0075	-1.7727	.5849	.9093	.0100	.7127	.9463	.2759
.0101	-1.8334	.5743	.9260	.0177	.4817	.9146	.3588
.0164	-1.7174	.5912	.8995	.0526	.0462	.8505	.4860
.0200	-1.6831	.5964	.8913	.1023	-.1547	.8211	.5375
.0265	-1.0107	.6946	.7400	.1527	-.2186	.8117	.5534
.0308	-1.1447	.6735	.7694	.2020	-.2655	.8048	.5650
.0364	-.9391	.7037	.7228	.2770	-.3241	.7967	.5784
.0518	-.7771	.7298	.6855	.3757	-.3090	.7983	.5758
.0769	-.6532	.7477	.6574	.4507	-.2230	.8107	.5551
.1019	-.5721	.7597	.6383	.5257	-.0932	.8297	.5226
.1518	-.4764	.7738	.6197	.6007	.0249	.8486	.4893
.2019	-.4161	.7827	.6014	.6755	.1505	.8662	.4569
.2519	-.4017	.7853	.5971	.7173	.2040	.8733	.4416
.3018	-.3847	.7872	.5941	.8507	.3012	.8883	.4143
.4018	-.3642	.7871	.5942	.9010	.3040	.8886	.4236
.4519	-.3811	.7874	.5938	.9508	.2567	.8818	.4172
.5020	-.3723	.7887	.5916	1.0000	.0740	.8552	.4774
.5270	-.3607	.7884	.5921				
.5520	-.3707	.7903	.5890				
.5770	-.3730	.7894	.5904				
.6020	-.3750	.7889	.5913				
.6270	-.3793	.7885	.5919				
.6519	-.3799	.7887	.5916				
.6770	-.3808	.7886	.5918				
.7020	-.3762	.7893	.5906				
.7516	-.3531	.7926	.5892				
.8017	-.3029	.7997	.5784				
.8519	-.2369	.8096	.5569				
.9012	-.1572	.8211	.5375				
.9518	-.0510	.8370	.5100				
1.0000	.0759	.8551	.4775				

PT = 3.2602 TEST 118 RUN 43 POINT 6 GRIT ***OFF***
 CM = .4234 TT = 228.9 M, INF = .4999 RC#E36 = 7.10 ALPHA = 2.25

CD2 CD1 CD3 CD4 CD5
 .00866 .00897(.00031)00782(-.00084) .00796(-.00070)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00784 .00825(.00040)00723(-.00061) .00753(-.00032)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8526	.9689	.2126	0.0000	.8491	.9685	.2140
.0075	-1.9343	.5593	.9496	.0100	.7902	.9537	.2607
.0101	-1.9777	.5506	.9635	.0177	.5227	.9200	.3467
.0164	-1.8583	.5696	.9334	.0526	.0830	.8556	.4766
.0200	-1.7981	.5774	.9211	.1023	-.1244	.8246	.5314
.0265	-1.0749	.6843	.7559	.1527	-.1961	.8140	.5493
.0308	-1.1957	.6661	.7838	.2020	-.2501	.8038	.5634
.0364	-.9990	.6953	.7389	.2770	-.3126	.7971	.5778
.0518	-.8258	.7206	.6996	.3757	-.3005	.7982	.5759
.0769	-.6917	.7419	.6671	.4507	-.2130	.8114	.5539
.1019	-.6029	.7540	.6474	.5257	-.0848	.8290	.5224
.1518	-.5017	.7689	.6236	.6007	.0413	.8486	.4894
.2019	-.4366	.7783	.6086	.6755	.1351	.8656	.4582
.2519	-.4194	.7813	.6036	.7173	.2087	.8733	.4426
.3018	-.3992	.7836	.5999	.8507	.3040	.8877	.4154
.4018	-.3963	.7843	.5987	.9010	.3057	.8877	.4153
.4519	-.3919	.7849	.5985	.9508	.2591	.8808	.4291
.5020	-.3804	.7861	.5958	1.0000	.0736	.8553	.4775
.5270	-.3885	.7852	.5972				
.5520	-.3803	.7869	.5945				
.5770	-.3817	.7864	.5954				
.6020	-.3840	.7857	.5963				
.6270	-.3858	.7853	.5971				
.6519	-.3866	.7854	.5970				
.6770	-.3875	.7853	.5971				
.7020	-.3823	.7857	.5965				
.7516	-.3572	.7893	.5907				
.8017	-.3059	.7971	.5777				
.8519	-.2386	.8077	.5601				
.9012	-.1577	.8146	.5417				
.9518	-.0504	.8343	.5146				
1.0000	.0736	.8535	.4804				

ORIGINAL COPY OF POOR QUALITY

TABLE II.-- Continued.

PT = 3.2602 TT = 229.1 RUN 43 POINT 7 GRIT ***OFF***
 CN = .4920 CN.25 = -.0925 M, INF = .4993 RC*E06 = 7.00 ALPHA = 2.51

CD2 CD1 CD3 CD4 CD5
 .00680 .00909(.00028)00793(-.00086) .00807(-.00073)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00003 .00841(.00038)00792(-.00051) .00765(-.00037)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8155	.9633	.2314	0.0000	.8118	.9628	.2330
.0075	-2.1094	.5319	.9935	.0100	.7864	.9591	.2446
.0101	-2.1427	.5287	.9987	.0177	.7636	.9261	.3324
.0164	-2.0086	.5458	.9722	.0526	.1199	.8611	.4665
.0200	-1.9453	.5554	.9559	.1022	-.0944	.8287	.5243
.0265	-1.1411	.6747	.7705	.1527	-.1713	.8178	.5430
.0308	-1.2634	.6579	.7964	.2070	-.2279	.8094	.5574
.0364	-1.0625	.6858	.7035	.2710	-.2938	.7997	.5735
.0518	-.8763	.7136	.7107	.3757	-.2870	.8013	.5708
.0769	-.7311	.7359	.6759	.4507	-.2022	.8137	.5500
.1019	-.6354	.7487	.6557	.5257	-.0763	.8338	.5190
.1518	-.5271	.7654	.6293	.6007	.0483	.8506	.4857
.2019	-.4568	.7756	.6129	.6755	.1397	.8667	.4560
.2519	-.4364	.7786	.6080	.7173	.2128	.8744	.4414
.3018	-.4132	.7824	.6018	.8507	.3081	.8867	.4133
.4018	-.4084	.7834	.6003	.9010	.3882	.8882	.4144
.4519	-.4025	.7837	.5997	.9508	.2597	.8813	.4281
.5020	-.3911	.7860	.5961	1.0000	.0741	.8534	.4606
.5270	-.3977	.7845	.5984				
.5520	-.3877	.7858	.5963				
.5770	-.3893	.7860	.5959				
.6020	-.3915	.7847	.5981				
.6270	-.3932	.7849	.5978				
.6519	-.3917	.7845	.5985				
.6770	-.3928	.7847	.5981				
.7020	-.3873	.7857	.5965				
.7516	-.3618	.7891	.5909				
.8017	-.3091	.7965	.5787				
.8519	-.2401	.8070	.5613				
.9012	-.1594	.8193	.5406				
.9518	-.0507	.8357	.5122				
1.0000	.073	.8536	.4802				

PT = 3.2606 TT = 229.9 RUN 43 POINT 8 GRIT ***OFF***
 CN = .5057 CN.25 = -.0919 M, INF = .4983 RC*E06 = 7.04 ALPHA = 3.01

CD2 CD1 CD3 CD4 CD5
 .00908 .00936(.00028)00823(-.00085) .00834(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00827 .00865(.00038)00780(-.00047) .00793(-.00034)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.7347	.9517	.2666	0.0000	.7345	.9514	.2672
.0075	-2.4738	.4783	1.0825	.0100	.8467	.9682	.2149
.0101	-2.4798	.4811	1.0778	.0177	.8361	.9377	.3041
.0164	-2.3490	.4983	1.0488	.0526	.1879	.8718	.4444
.0200	-2.2635	.5136	1.0234	.1022	-.0408	.8382	.5075
.0265	-1.2663	.6583	.7958	.1527	-.1234	.8259	.5292
.0308	-1.4100	.6376	.8275	.2020	-.1875	.8173	.5440
.0364	-1.1719	.6723	.7742	.2770	-.2578	.8067	.5617
.0518	-.9714	.7029	.7271	.3757	-.2598	.8065	.5621
.0769	-.8240	.7265	.6905	.4507	-.1806	.8179	.5427
.1019	-.6997	.7417	.6668	.5257	-.0800	.8354	.5127
.1516	-.5734	.7599	.6379	.6007	.0595	.8529	.4814
.2019	-.4960	.7722	.6184	.6755	.1693	.8693	.4511
.2519	-.4685	.7759	.6123	.7173	.2208	.8770	.4364
.3018	-.4432	.7797	.6062	.8507	.3114	.8897	.4113
.4018	-.4306	.7813	.6037	.9010	.3115	.8898	.4113
.4519	-.4215	.7824	.6018	.9508	.2617	.8820	.4267
.5020	-.4087	.7844	.5986	1.0000	.0724	.8544	.4789
.5270	-.4140	.7840	.5992				
.5520	-.4044	.7857	.5964				
.5770	-.4039	.7848	.5979				
.6020	-.4058	.7846	.5983				
.6270	-.4051	.7839	.5994				
.6519	-.4035	.7844	.5986				
.6770	-.4023	.7845	.5984				
.7020	-.3976	.7852	.5973				
.7516	-.3688	.7899	.5894				
.8017	-.3132	.7978	.5766				
.8519	-.2439	.8078	.5600				
.9012	-.1596	.8201	.5392				
.9518	-.0504	.8360	.5117				
1.0000	.0716	.8542	.4791				

TABLE II.- Continued.

TEST 118 RUN 43 POINT 9 GRIT ***OFF***
 PT = 3.2603 TT = 229.0 M,INF = .4992 RC#E06 = 7.00 ALPHA = 1.48
 CM = .5571 CM.25 = -.0906
 CD2 CD1 CD3 CD4 CD5
 .0096? .00992(.00030)00894(-.00048) .00898(-.00064)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00886 .00922(.00036)00840(-.00046) .00857(-.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.6558	.9397	.2988	0.0000	.6331	.9394	.2998
.0075	-2.8228	.4262	1.1742	.0100	.8965	.9754	.1888
.0101	-2.8483	.4223	1.1814	.0177	.6976	.9460	.2823
.0164	-2.7737	.4324	1.1629	.0526	.2490	.8802	.4301
.0200	-2.7002	.4463	1.1381	.1023	.0128	.8459	.4942
.0265	-1.3763	.6403	.8231	.1527	-.0795	.8319	.5188
.0308	-1.5264	.6175	.8586	.2020	-.1498	.8214	.5369
.0364	-1.2678	.6541	.8023	.2770	-.2274	.8100	.5563
.0518	-1.0624	.6864	.7526	.3757	-.2354	.8081	.5594
.0769	-.8780	.7146	.7091	.4507	-.1618	.8168	.5414
.1019	-.7598	.7326	.6811	.5257	-.0467	.8361	.5115
.1518	-.6193	.7326	.6497	.6007	.0703	.8534	.4807
.2019	-.5353	.7647	.6304	.6755	.1777	.8639	.4519
.2519	-.5026	.7695	.6227	.7173	.2268	.8762	.4379
.3018	-.4714	.7733	.6166	.8507	.3160	.8893	.4123
.4018	-.4522	.7758	.6125	.9010	.3145	.8892	.4125
.4519	-.4429	.7776	.6096	.9508	.2629	.8815	.4276
.5020	-.4255	.7801	.6053	1.0000	.0697	.8531	.4811
.5270	-.4295	.7791	.6072				
.5520	-.4197	.7807	.6047				
.5770	-.4176	.7807	.6046				
.6020	-.4178	.7809	.6043				
.6270	-.4175	.7809	.6043				
.6519	-.4142	.7817	.6030				
.6770	-.4117	.7817	.6029				
.7020	-.4041	.7829	.6011				
.7516	-.3731	.7876	.5933				
.8017	-.3172	.7962	.5793				
.8519	-.2449	.8070	.5614				
.9012	-.1590	.8191	.5410				
.9518	-.0492	.8357	.5122				
1.0000	.0687	.8528	.4817				

TEST 118 RUN 43 POINT 10 GRIT ***OFF***
 PT = 3.2603 TT = 229.3 M,INF = .4996 RC#E06 = 7.00 ALPHA = 4.81
 CM = .6078 CM.25 = -.0890
 CD2 CD1 CD3 CD4 CD5
 .01108 .01143(.00036)01058(-.00050) .01054(-.00054)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01027 .01074(.00047)01002(-.00025) .01012(-.00015)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.5626	.9261	.3324	0.0000	.5597	.9256	.3336
.0075	-3.1329	.3807	1.2602	.0100	.9386	.9814	.1635
.0101	-3.1049	.3843	1.2528	.0177	.7546	.9541	.2593
.0164	-3.1488	.3789	1.2638	.0526	.3097	.8885	.4138
.0200	-3.0933	.3854	1.2311	.1023	.0545	.8521	.4830
.0265	-1.5339	.6156	.8616	.1527	-.0367	.8370	.5099
.0308	-1.8535	.5692	.9339	.2020	-.1113	.8255	.5300
.0364	-1.3883	.6374	.8278	.2770	-.1955	.8133	.5507
.0518	-1.1464	.6723	.7742	.3757	-.2121	.8113	.5542
.0769	-.9494	.7024	.7260	.4507	-.1429	.8216	.5367
.1019	-.8212	.7210	.6991	.5257	-.0328	.8379	.5083
.1518	-.6703	.7432	.6644	.6007	.0806	.8548	.4781
.2019	-.5745	.7567	.6431	.6755	.1848	.8703	.4492
.2519	-.5374	.7626	.6336	.7173	.2332	.8774	.4357
.3018	-.5033	.7682	.6248	.8507	.3187	.8898	.4113
.4018	-.4757	.7724	.6181	.9010	.3169	.8894	.4120
.4519	-.4624	.7742	.6147	.9508	.2631	.8819	.4268
.5020	-.4433	.7775	.6099	1.0000	.0637	.8524	.4828
.5270	-.4449	.7775	.6098				
.5520	-.4350	.7787	.6078				
.5770	-.4320	.7787	.6078				
.6020	-.4290	.7790	.6073				
.6270	-.4285	.7799	.6058				
.6519	-.4225	.7806	.6042				
.6770	-.4199	.7804	.6050				
.7020	-.4111	.7823	.6020				
.7516	-.3774	.7972	.5940				
.8017	-.3185	.7958	.5799				
.8519	-.2427	.8066	.5620				
.9012	-.1568	.8197	.5399				
.9518	-.0479	.8362	.5113				
1.0000	.0619	.8517	.4836				

TABLE II.- Continued.

PT = 3.2604 TEST 118 RUN 43 POINT 11 GRIT ***OFF***
 CN = .6976 TT = 230.0 N, INF = .4984 RC=800 = 7.01 ALPHA = 5.00
 CD2 CD1 CD3 CD4 CD5
 .0161401721(-.00094)01788(-.00106)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01731 .01649(-.00082) CDCOR3 CDCOR4 CDCOR5
 .01665(-.00267)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.4006	.9026	.3849	2.0000	.3957	.9018	.3863
.0075	-3.0942	.3886	1.2447	.0100	.9990	.9905	.1163
.0101	-3.1287	.3845	1.2528	.0177	.8405	.9674	.2177
.0164	-2.7200	.4440	1.1422	.0526	.4097	.9046	.3807
.0200	-2.8810	.4209	1.1859	.1023	.1939	.8670	.4554
.0265	-2.3427	.4993	1.0471	.1527	.0387	.8503	.4863
.0308	-2.5268	.4729	1.0918	.2020	-.0445	.8379	.5003
.0364	-2.3004	.5063	1.0355	.2770	-.1374	.8243	.5320
.0518	-1.7354	.5904	.9007	.3757	-.1679	.8201	.5392
.0769	-1.1006	.6829	.7564	.4507	-.1989	.8186	.5246
.1019	-.9062	.7120	.7347	.5257	-.0074	.8434	.4987
.1518	-.7522	.7347	.7130	.6007	.0982	.8568	.4707
.2019	-.6511	.7492	.6778	.6755	.1970	.8733	.4436
.2519	-.5995	.7567	.6350	.7572	.2433	.8802	.4305
.3018	-.5560	.7633	.6431	.8307	.3233	.8918	.4071
.4018	-.5127	.7696	.6325	.9010	.4018	.8913	.4033
.4519	-.4932	.7723	.6226	.9308	.4810	.8835	.4237
.5020	-.4685	.7779	.6182	1.0000	.5610	.8623	.4835
.5770	-.4679	.7780	.6123		.6477	.8310	.4835
.5920	-.4543	.7790	.6091				
.5770	-.4481	.7798	.6074				
.6020	-.4439	.7815	.6061				
.6270	-.4397	.7819	.6032				
.6519	-.4310	.7825	.6026				
.6770	-.4225	.7833	.6016				
.7020	-.4116	.7909	.5972				
.7516	-.3730	.8001	.5879				
.8017	-.3119	.8103	.5728				
.8519	-.2343	.8233	.5549				
.9012	-.1499	.8379	.5337				
.9518	-.0495	.8512	.5083				
1.0000	.0468	.8646	.4846				

PT = 3.2600 TEST 118 RUN 43 POINT 12 GRIT ***OFF***
 CN = .7734 TT = 220.0 N, INF = .4983 RC=800 = 7.00 ALPHA = 6.00
 CD2 CD1 CD3 CD4 CD5
 .0309302976(-.00117)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02999 CDCOR3 CDCOR4 CDCOR5
 .02911(-.00087)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.2393	.8816	.4275	0.0000	.2351	.8807	.4292
.0075	-2.7762	.4336	1.1609	.0100	1.0327	.9954	.0813
.0101	-3.2477	.3657	1.2900	.0177	.9017	.9761	.1859
.0164	-2.3220	.5016	1.0432	.0526	.4890	.9153	.3372
.0200	-3.0527	.3944	1.2337	.1023	.2232	.8766	.4773
.0265	2.4768	.4768	1.0851	.1527	.1813	.8581	.4728
.0308	-2.3157	.5028	1.0412	.2020	.C104	.8446	.4965
.0364	-2.3386	.4994	1.0469	.2770	-.0917	.8290	.5225
.0518	-2.2225	.5150	1.0201	.3757	-.1342	.8238	.5329
.0769	-1.7335	.5800	.9045	.4507	-.0832	.8307	.5210
.1019	-1.2423	.6606	.7923	.5257	.0102	.8450	.4957
.1518	-.8331	.7203	.7002	.6007	.1105	.8597	.4692
.2019	-.7160	.7375	.6734	.6755	.2047	.8734	.4434
.2519	-.6561	.7467	.6589	.7173	.2481	.8797	.4313
.3018	-.6050	.7545	.6466	.8307	.3229	.8914	.4080
.4018	-.5426	.7627	.6332	.9010	.4018	.8902	.4103
.4519	-.5173	.7674	.6261	.9308	.4810	.8806	.4291
.5020	-.4882	.7715	.6195	1.0000	.5610	.8471	.4919
.5770	-.4812	.7723	.6182				
.5920	-.4662	.7743	.6150				
.5770	-.4569	.7770	.6106				
.6020	-.4476	.7785	.6082				
.6270	-.4370	.7794	.6067				
.6519	-.4249	.7817	.6029				
.6770	-.4141	.7837	.5998				
.7020	-.3988	.7852	.5973				
.7516	-.3566	.7914	.5872				
.8017	-.2929	.8003	.5722				
.8519	-.2207	.8114	.5539				
.9012	-.1420	.8227	.5347				
.9518	-.0569	.8359	.5126				
1.0000	.0476	.8466	.4928				

ONCE THE QUALITY
OF POOR QUALITY

TABLE II.- Contin. rd.

TEST 118 RUN 71 POINT 1 GRIT ***OFF***
 PT = 2.8307 TT = 230.6 M.INF = .5978 RC*E06 = 6.99 ALPHA = .01
 CM = .1831 CM*25 = -.0957

CD2 CD1 CD3 CD4 CD5
 .00920 .00922(-.0002) .00915(-.00004) .00883(-.00037) .00856(-.00063)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00932 .00942(-.00010) .00934(-.00002) .00816(-.00016) .00803(-.00030)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0933	1.0061	0.0000	0.0000	1.0923	.9999	.0089
.0075	-.6609	.6547	.8014	.0100	.3645	.8570	.4741
.0101	-.8306	.6207	.8538	.0177	.1293	.8104	.3556
.0164	-.8817	.6113	.8682	.0526	-.2570	.7356	.6764
.0200	-.8864	.6093	.8713	.1023	-.4246	.7033	.7267
.0265	-.9634	.6747	.7706	.1527	-.4476	.6992	.7325
.0308	-.6496	.565	.7987	.2020	-.4770	.6925	.7433
.0364	-.5229	.6811	.7608	.2770	-.5091	.6854	.7542
.0516	-.4373	.6989	.7334	.3757	-.4529	.6958	.7382
.0769	-.3816	.7112	.7144	.4507	-.3325	.7199	.7009
.1019	-.3445	.7189	.7024	.5257	-.1641	.7523	.6502
.1518	-.3009	.7277	.6888	.6007	-.0088	.7832	.6007
.2019	-.2730	.7325	.6813	.6755	.1225	.8088	.5383
.2519	-.2785	.7307	.6841	.7173	.1817	.8202	.5391
.3017	-.2795	.7299	.6853	.8307	.2936	.8425	.5002
.4018	-.3039	.7255	.6922	.9010	.3010	.8441	.4974
.4614	-.3137	.7228	.6964	.9508	.2611	.8359	.5120
.5020	-.3135	.7232	.6958	1.0000	.0951	.8037	.5670
.5270	-.3243	.7267	.6997				
.5520	-.3229	.7206	.6999				
.5770	-.3249	.7197	.7012				
.6020	-.3377	.7184	.7033				
.6270	-.3440	.7165	.7062				
.6519	-.3476	.7165	.7061				
.6770	-.3552	.7144	.7094				
.7020	-.3540	.7149	.7087				
.7516	-.3344	.7189	.7025				
.8017	-.2871	.7280	.6884				
.8519	-.2218	.7414	.6674				
.9012	-.1427	.7569	.6429				
.9518	-.0342	.7784	.6085				
1.0000	.0751	.8032	.5677				

TEST 118 RUN 71 POINT 2 GRIT ***OFF***
 PT = 2.8307 TT = 230.6 M.INF = .5968 RC*E06 = 7.00 ALPHA = .96
 CM = .3013 CM*25 = -.0482

CD2 CD1 CD3 CD4 CD5
 .00936 .00941(-.00005) .00933(-.00002) .00899(-.00041) .00860(-.00075)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00947 .00950(-.00003) .00952(-.00005) .00827(-.00020) .00811(-.00036)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0977	.9411	.1124	0.0000	1.0449	.9907	.1152
.0075	-.11357	.5626	.9442	.0100	.5666	.8971	.3863
.0101	-1.3120	.5292	.9780	.0177	.3255	.8498	.4873
.0164	-1.3405	.5147	1.0216	.0526	-.0876	.7683	.6247
.0200	-1.3443	.5220	1.0097	.1023	-.2856	.7299	.6860
.0265	-.8181	.6263	.8451	.1527	-.3345	.7199	.7010
.0308	-.4945	.5942	.8570	.2020	-.3794	.7107	.7153
.0364	-.7902	.6368	.8242	.2770	-.4293	.7009	.7304
.0516	-.6277	.6630	.7887	.3757	-.3927	.7074	.7194
.0769	-.5253	.6804	.7619	.4507	-.2888	.7288	.6871
.1019	-.4733	.6927	.7430	.5257	-.1311	.7600	.6380
.1518	-.4023	.7066	.7216	.6007	.0164	.7887	.5917
.2019	-.3567	.7151	.7083	.6755	.1418	.8136	.5503
.2519	-.3515	.7152	.7067	.7173	.1986	.8244	.5315
.3017	-.3432	.7174	.7048	.8307	.3053	.8455	.4950
.4018	-.3567	.7154	.7079	.9010	.3100	.8465	.4432
.4614	-.3600	.7151	.7084	.9508	.2664	.8378	.5087
.5020	-.3534	.7160	.7070	1.0000	.0919	.8035	.5672
.5270	-.3638	.7144	.7054				
.5520	-.3547	.7190	.7085				
.5770	-.3642	.7140	.7101				
.6020	-.3711	.7128	.7120				
.6270	-.3765	.7115	.7139				
.6519	-.3770	.7114	.7140				
.6770	-.3815	.7097	.7167				
.7020	-.3777	.7111	.7146				
.7516	-.3554	.7156	.7075				
.8017	-.3033	.7288	.6905				
.8519	-.2320	.7397	.6700				
.9012	-.1447	.7563	.6438				
.9518	-.0363	.7782	.6088				
1.0000	.0924	.8031	.5680				

GRADE 13
QUALITY

TABLE II.- Continued.

PT = 2.4309 TT = 230.2 RUN 71 POINT 3 GRIT ***OFF***
 CM = .3590 CM.25 = -.0561 RC*E06 = 6.99 ALPHA = 1.46

CD2 CD1 CD3 CD4 CD5
 .00967 (.0453(-.00014) .00959(-.00008) .00929(-.00018) .00897(-.00069)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00874 .COR72(-.00005) .COR78(.00002) .00863(-.00014) .00845(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0060	1.0107	.9839	.1520	0.0000	1.7070	.9832	.1594
.0075	-1.3742	.9191	1.0210	.0100	.6502	.9132	.3619
.0101	-1.5639	.4792	1.0809	.0177	.4128	.8644	.4566
.0164	-1.8237	.4266	1.1735	.0526	-.0216	.7806	.6046
.0200	-1.6949	.4518	1.1285	.1023	-.2206	.7421	.6642
.0265	-.9306	.8029	.8813	.1527	-.2804	.7314	.6859
.0308	-1.0956	.9711	.9311	.2020	-.3326	.7204	.7001
.0364	-.8754	.6130	.8657	.2770	-.3910	.7086	.7185
.0518	-.7212	.6435	.8185	.3757	-.3845	.7142	.7098
.0769	-.6111	.6648	.7859	.4507	-.2659	.7332	.6802
.1019	-.5575	.6749	.7627	.5257	-.1155	.7626	.6378
.1518	-.4517	.6979	.7350	.6007	.0277	.7411	.5877
.2019	-.3976	.7077	.7199	.6755	.1511	.8155	.5470
.2519	-.3677	.7092	.7175	.7173	.2070	.8261	.5200
.3018	-.3751	.7121	.7130	.8507	.3104	.8466	.4929
.4018	-.3806	.7107	.7152	.9010	.3145	.8476	.4911
.4519	-.3835	.7099	.7164	.9508	.2697	.8386	.5071
.5020	-.3747	.7122	.7129	1.0000	.0906	.8031	.5679
.5270	-.3822	.7110	.7148				
.5520	-.3780	.7112	.7145				
.5770	-.3810	.7110	.7148				
.6020	-.3871	.7101	.7161				
.6270	-.3889	.7094	.7171				
.6519	-.3895	.7087	.7183				
.6770	-.3938	.7083	.7189				
.7020	-.3914	.7094	.7173				
.7516	-.3842	.7144	.7094				
.8017	-.3891	.7249	.6931				
.8519	-.2354	.7404	.8859				
.9012	-.1491	.7565	.8435				
.9518	-.0355	.7798	.8079				
1.0000	.0904	.8034	.5675				

PT = 2.4307 TT = 229.9 RUN 71 POINT 4 GRIT ***OFF***
 CM = .3850 CM.25 = -.0554 RC*E06 = 7.62 ALPHA = 1.71

CD2 CD1 CD3 CD4 CD5
 .01665 (.1010(-.0006) .01516(.00011) .00963(-.00039) .00926(-.00079)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00916 .00929(-.00013) .00934(-.00018) .00896(-.00020) .00874(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9901	.9797	.1719	0.0000	.9876	.9792	.1732
.0075	-1.4744	.4445	1.0550	.0100	.6903	.9207	.3452
.0101	-1.6604	.4581	1.1174	.0177	.4523	.8742	.4419
.0164	-1.5478	.3900	1.2420	.0526	.6125	.7880	.5926
.0200	-1.6453	.4135	1.1977	.1023	-.1895	.7479	.6572
.0265	-.4463	.5460	.8920	.1527	-.2530	.7361	.6757
.0308	-1.1518	.5415	.9462	.2020	-.3112	.7243	.6941
.0364	-.9194	.5551	.8779	.2770	-.3706	.7126	.7138
.0518	-.7627	.5354	.8311	.3757	-.3906	.7157	.7075
.0769	-.6478	.5584	.7957	.4507	-.2534	.7342	.6787
.1019	-.5677	.6735	.7726	.5257	-.1874	.7630	.6332
.1518	-.4744	.6426	.7432	.6007	.0330	.7918	.5866
.2019	-.4198	.7031	.7269	.6755	.1587	.8158	.5487
.2519	-.4013	.7052	.7238	.7173	.2113	.8267	.5200
.3018	-.3905	.7078	.7196	.8507	.3136	.8470	.4923
.4018	-.3926	.7071	.7208	.9010	.3175	.8480	.4904
.4519	-.3934	.7065	.7217	.9508	.2713	.8390	.5066
.5020	-.3860	.7095	.7171	1.0000	.0886	.8028	.5684
.5270	-.3911	.7082	.7190				
.5520	-.3855	.7093	.7174				
.5770	-.3908	.7090	.7178				
.6020	-.3934	.7084	.7187				
.6270	-.3950	.7071	.7192				
.6519	-.3967	.7075	.7207				
.6770	-.3987	.7069	.7216				
.7020	-.3944	.7083	.7189				
.7516	-.3868	.7126	.7123				
.8017	-.3807	.7244	.6943				
.8519	-.2353	.7384	.8721				
.9012	-.1497	.7553	.8454				
.9518	-.0350	.7774	.8094				
1.0000	.0993	.8029	.5683				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II. - Continued.

PT = 2.3309 TEST 118 RUN 71 POINT 5 GRIT ***OFF***
 CN = .4126 TT = 230.0 M, INF = .5972 RC*E06 = 7.01 ALPHA = 1.96
 CM, 25 = -.0956
 CD2 CD1 CD3 CD4 CD5
 .01039 .01037(-.00022) .01052(-.00006) .01019(-.00040) .00997(-.00062)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00968 .00955(-.00013) .00972(-.00004) .00954(-.00014) .00952(-.00016)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.966e	.9753	.1892	0.0000	.9627	.9742	.1932
.0075	-1.5694	.4735	1.0907	.0100	.7252	.9278	.3286
.0161	-1.7420	.4407	1.1481	.0177	.4925	.8819	.4270
.0266	-2.1208	.3682	1.2852	.0526	.0478	.7943	.5825
.0265	- 9969	.5890	1.2881	.1023	-.1588	.7536	.6481
.0368	-1.3329	.5214	.9029	.1527	-.2272	.7412	.6676
.0364	-.9472	.5962	1.6107	.2020	-.2880	.7289	.6870
.0518	-.8000	.6274	.8966	.2770	-.3528	.7165	.7062
.0769	-.6829	.6504	.8433	.3757	-.3359	.7196	.7014
.1019	-.5986	.6670	.8079	.4507	-.2457	.7379	.6735
.1518	-.4983	.6880	.7825	.5257	-.1003	.7662	.6280
.2019	-.4376	.6995	.7502	.6007	.0391	.7928	.5849
.2519	-.4220	.7029	.7326	.6755	.1595	.8165	.5454
.3018	-.4052	.7060	.7272	.7173	.2155	.8275	.5266
.4018	-.4053	.7061	.7223	.8507	.3159	.8471	.4920
.4519	-.4040	.7065	.7216	.9010	.3184	.8476	.4911
.5020	-.3936	.7077	.7198	.9508	.2721	.8382	.5080
.5270	-.4002	.7064	.7218	1.0000	.0854	.8620	.5698
.5520	-.3940	.7076	.7200				
.5770	-.3969	.7068	.7212				
.6020	-.4014	.7060	.7225				
.6270	-.4013	.7054	.7234				
.6519	-.4032	.7059	.7226				
.6770	-.4042	.7049	.7242				
.7020	-.3990	.7067	.7214				
.7516	-.3762	.7122	.7129				
.8017	-.3136	.7237	.6950				
.8519	-.2364	.7384	.6720				
.9012	-.1500	.7567	.6432				
.9518	-.0351	.7787	.6079				
1.0000	.0868	.8017	.5702				

PT = 2.3309 TEST 118 RUN 71 POINT 6 GRIT ***OFF***
 CN = .4205 TT = 230.0 M, INF = .5976 RC*E06 = 7.02 ALPHA = 2.22
 CM, 25 = -.0946
 CD2 CD1 CD3 CD4 CD5
 .01085 .01069(-.00016) .01085(.00030) .01053(-.00032) .01007(-.00077)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00994 .00988(-.00007) .01007(.00012) .00986(-.00009) .00952(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9642	.9708	.2080	0.0000	.9399	.9700	.2087
.0075	-1.6937	.4520	1.1281	.0100	.7596	.9344	.3125
.0161	-2.1157	.3482	1.1742	.0177	.5283	.8894	.4121
.0266	-2.2735	.3381	1.3261	.0526	.0841	.8020	.5697
.0265	-1.1943	.5493	1.3474	.1023	-.1285	.7598	.6383
.0368	-1.7294	.4449	.9656	.1527	-.2026	.7446	.6623
.0364	-.9439	.5898	1.1406	.2020	-.2665	.7327	.6810
.0518	-.8309	.6227	.9018	.2770	-.3347	.7196	.7015
.0769	-.7133	.6455	.8507	.3757	-.3227	.7224	.6971
.1019	-.6256	.6620	.8156	.4507	-.2347	.7396	.6702
.1518	-.5219	.6816	.7902	.5257	-.0928	.7674	.6262
.2019	-.4569	.6953	.7600	.6007	.0447	.7939	.5832
.2519	-.4385	.6992	.7300	.6755	.1640	.8180	.5429
.3018	-.4200	.7033	.7330	.7173	.2188	.8283	.5252
.4018	-.4161	.7040	.7267	.8507	.3178	.8474	.4916
.4519	-.4145	.7042	.7256	.9010	.3207	.8478	.4908
.5020	-.4030	.7058	.7252	.9508	.2722	.8383	.5077
.5270	-.4079	.7058	.7228	1.0000	.0832	.8613	.5708
.5520	-.4024	.7062	.7228				
.5770	-.4033	.7053	.7221				
.6020	-.4059	.7045	.7235				
.6270	-.4065	.7041	.7247				
.6519	-.4072	.7048	.7254				
.6770	-.4082	.7054	.7243				
.7020	-.4027	.7064	.7235				
.7516	-.3717	.7115	.7218				
.8017	-.3128	.7237	.7139				
.8519	-.2358	.7389	.6950				
.9012	-.1468	.7560	.6712				
.9518	-.0333	.7783	.6444				
1.0000	.0830	.8020	.6086				
			.5698				

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OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 71 POINT 7 GRIT ***OFF***
 PT = 2.8306 TT = 230.0 N, INF = .5964 RC*E06 = 7.00 ALPHA = 2.46
 CM = .4661 CM.25 = -.0930

CD2 CD1 CD3 CD4 CD5
 .01130 .01108(-.00022) .01132(.00002) .01088(-.00042) .01054(-.00076)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01040 .01027(-.00013) .01052(.00012) .01020(-.00020) .01001(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9173	.9657	.2236	0.0000	.9120	.9648	.2266
.0075	-1.7986	.4339	1.1602	.0100	.7872	.9403	.2974
.0101	-1.9244	.4098	1.2045	.0177	.5637	.8964	.3979
.0164	-2.3135	.3315	1.3618	.0526	.1162	.8084	.5991
.0200	-2.3865	.3168	1.3942	.1023	-.1011	.7655	.6291
.0265	-1.5390	.4846	1.0719	.1527	-.1782	.7512	.6519
.0306	-2.1304	.3695	1.2825	.2020	-.2449	.7386	.6718
.0364	-1.1314	.5633	.9434	.2770	-.3158	.7235	.6927
.0518	-.3465	.6197	.8552	.3757	-.3098	.7252	.6869
.0769	-.7418	.6399	.8241	.4507	-.2251	.7417	.6233
.1019	-.6540	.6569	.7980	.5257	-.0853	.7692	.6669
.1516	-.5445	.6794	.7634	.6007	.0490	.7953	.6233
.2019	-.4756	.6934	.7418	.6755	.1675	.8181	.5808
.2519	-.4530	.6966	.7370	.7173	.2211	.8288	.5426
.3016	-.4342	.7008	.7305	.8507	.3186	.8484	.5244
.4018	-.4269	.7021	.7265	.9010	.3202	.8487	.4698
.4519	-.4230	.7030	.7272	.9508	.2715	.8392	.4811
.5020	-.4112	.7050	.7240	1.0000	.0791	.8011	.5712
.5270	-.4157	.7035	.7264				
.5520	-.4087	.7050	.7241				
.5770	-.4101	.7055	.7232				
.6020	-.4133	.7050	.7240				
.6270	-.4119	.7053	.7236				
.6519	-.4106	.7050	.7241				
.6770	-.4102	.7051	.7239				
.7020	-.4041	.7072	.7207				
.7516	-.3727	.7125	.7125				
.8017	-.3132	.7242	.7125				
.8519	-.2550	.7346	.6943				
.9012	-.1455	.7579	.6701				
.9518	-.0321	.7795	.6412				
1.0000	.0806	.8015	.6066				
			.5707				

TEST 118 RUN 71 POINT 8 GRIT ***OFF***
 PT = 2.8309 TT = 230.1 N, INF = .5955 RC*E06 = 6.99 ALPHA = 2.98
 CM = .9181 CM.25 = -.0005

CD2 CD1 CD3 CD4 CD5
 .01277 .01245(-.00032) .01273(-.00007) .01221(-.00056) .01165(-.00111)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01188 .01165(-.00023) .01187(-.00001) .01191(-.00037) .01114(-.00074)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.6672	.9552	.2535	0.0000	.8631	.9551	.2965
.0075	-1.9499	.4038	1.2157	.0100	.8423	.9511	.2681
.0101	-2.0456	.3848	1.2521	.0177	.6277	.9088	.3717
.0164	-2.4714	.3040	1.4234	.0526	.1784	.8202	.5392
.0200	-2.5477	.2866	1.4647	.1023	-.0494	.7762	.6121
.0265	-2.3292	.2866	1.4647	.1527	-.1325	.7588	.6399
.0306	-2.5466	.3299	1.3651	.2020	-.2046	.7466	.6592
.0364	-1.5663	.2866	1.4647	.2770	-.2819	.7316	.6825
.0518	-.4901	.4786	1.0820	.3757	-.2833	.7314	.6830
.0769	-.7749	.6029	.8814	.4507	-.2054	.7469	.6587
.1019	-.7005	.6318	.8365	.5257	-.0713	.7728	.6174
.1516	-.5263	.6485	.8109	.6007	.0501	.7980	.5764
.2019	-.5118	.6644	.7788	.6755	.1744	.8205	.5386
.2519	-.4846	.6865	.7525	.7173	.2274	.8308	.5209
.3016	-.4613	.6922	.7438	.8507	.3234	.8496	.4876
.4018	-.4479	.6967	.7369	.9010	.3230	.8496	.4876
.4519	-.4412	.6996	.7324	.9508	.2711	.8395	.5057
.5020	-.4272	.7005	.7309	1.0000	.0730	.8009	.5715
.5270	-.4276	.7029	.7309				
.5520	-.4306	.7022	.7272				
.5770	-.4223	.7036	.7284				
.6020	-.4212	.7036	.7262				
.6270	-.4214	.7038	.7258				
.6519	-.4205	.7040	.7256				
.6770	-.4178	.7042	.7253				
.7020	-.4164	.7050	.7240				
.7516	-.4062	.7049	.7241				
.8017	-.3740	.7080	.7241				
.8519	-.3112	.7147	.7194				
.9012	-.2317	.7275	.7089				
.9518	-.1416	.7428	.6841				
1.0000	-.0320	.7544	.6652				
	.0734	.7815	.6383				
		.8009	.6034				
			.5716				

CRACKS IN REINFORCEMENT
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 71 POINT 9 GRIT ***OFF***
 PT = 2.930R TT = 230.1 M,INF = .5943 RC*E06 = 6.98 ALPHA = 3.48
 CN = .5698 CM,25 = -.0878

CD2 CD1 CD3 CD4 CD5
 .01481 .01443(-.00038) .01483(.00003) .01429(-.00052) .01362(-.00118)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01390 .01361(-.00029) .01404(.00014) .01362(-.00029) .01307(-.00083)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.8122	.9454	.2839	0.0000	.8679	.9448	.2882
.0075	-2.0997	.3763	1.2688	.0100	.8896	.9607	.2397
.0101	-2.1824	.3623	1.2970	.0177	.8839	.9204	.3438
.0164	-2.5930	.2795	1.4823	.0526	.2372	.8327	.5176
.0200	-2.6843	.2634	1.5232	.1023	-.0039	.7856	.5968
.0265	-2.5932	.2818	1.4765	.1527	-.0866	.7701	.6219
.0308	-2.7119	.2592	1.5343	.2020	-.1645	.7554	.6453
.0364	-2.0396	.3892	1.2437	.2770	-.2491	.7391	.6710
.0518	-1.3031	.5324	.9928	.3757	-.2573	.7374	.6736
.0769	-.7955	.6305	.8386	.4507	-.1853	.7509	.6525
.1019	-.7340	.6427	.8199	.5257	-.0574	.7759	.6125
.1518	-.6264	.6647	.7860	.6007	.0689	.8008	.5717
.2019	-.5473	.6808	.7613	.6755	.1827	.8225	.5352
.2519	-.5184	.6871	.7517	.7173	.2341	.8322	.5184
.3018	-.4877	.6925	.7432	.8507	.3229	.8499	.4870
.4018	-.4680	.6957	.7384	.9010	.3255	.8506	.4857
.4519	-.4592	.6975	.7356	.9508	.2711	.8399	.5049
.5020	-.4420	.7013	.7297	1.0000	.0666	.7998	.5735
.5270	-.4441	.7001	.7316				
.5520	-.4352	.7013	.7298				
.5770	-.4324	.7025	.7279				
.6020	-.4323	.7028	.7274				
.6270	-.4296	.7031	.7269				
.6519	-.4254	.7036	.7261				
.6770	-.4215	.7037	.7261				
.7020	-.4121	.7066	.7215				
.7516	-.3749	.7136	.7106				
.8017	-.3103	.7268	.6903				
.8519	-.2293	.7425	.6654				
.9012	-.1384	.7603	.6374				
.9518	-.0317	.7814	.6035				
1.0000	.0681	.7995	.5739				

TEST 118 RUN 71 POINT 10 GRIT ***OFF***
 PT = 2.930R TT = 230.4 M,INF = .5941 RC*E06 = 6.97 ALPHA = 3.98
 CN = .6224 CM,25 = -.0851

CD2 CD1 CD3 CD4 CD5
 .01758 .01736(-.00022) .01787(.00029) .01645(-.00113) .01728(-.00029)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01669 .01651(-.00018) .01709(-.00040) .01577(-.00092) .01681(.00013)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.7581	.9349	.3112	0.0000	.7537	.9340	.3133
.0075	-2.2243	.3524	1.3173	.0100	.9310	.9688	.2130
.0101	-2.2494	.3479	1.3267	.0177	.7358	.9307	.3216
.0164	-2.7135	.2588	1.5406	.0526	.2931	.8444	.4970
.0200	-2.7871	.2441	1.5753	.1023	.0449	.7962	.5794
.0265	-2.7633	.2491	1.5615	.1527	-.0456	.7784	.6084
.0308	-2.8209	.2364	1.5970	.2020	-.1266	.7625	.6340
.0364	-2.6744	.2661	1.5163	.2770	-.2175	.7455	.6609
.0518	-1.6519	.4651	1.1053	.3757	-.2324	.7423	.6659
.0769	-.9188	.6080	.8733	.4507	-.1681	.7547	.6463
.1019	-.7565	.6401	.8238	.5257	-.0439	.7782	.6088
.1518	-.6620	.6582	.7960	.6007	.0786	.8020	.5698
.2019	-.5810	.6739	.7720	.6755	.1899	.8712	.5323
.2519	-.5482	.6812	.7607	.7173	.2401	.8337	.5159
.3018	-.5134	.6876	.7508	.8507	.3296	.8515	.4842
.4018	-.4891	.6922	.7438	.9010	.3277	.8509	.4853
.4519	-.4757	.6938	.7412	.9508	.2705	.8400	.5047
.5020	-.4557	.6975	.7355	1.0000	.0613	.7990	.5747
.5270	-.4567	.6981	.7347				
.5520	-.4460	.6996	.7323				
.5770	-.4437	.7007	.7307				
.6020	-.4409	.7008	.7305				
.6270	-.4381	.7019	.7288				
.6519	-.4302	.7032	.7269				
.6770	-.4254	.7039	.7256				
.7020	-.4137	.7063	.7219				
.7516	-.3740	.7142	.7097				
.8017	-.3065	.7268	.6902				
.8519	-.2268	.7433	.6644				
.9012	-.1375	.7606	.6369				
.9518	-.0332	.7809	.6044				
1.0000	.0609	.7989	.5749				

ORIGINAL TABLES
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 71 POINT 11 GRIT ***OFF***
 PT = 2.8308 TT = 230.0 M, INF = .5957 RC*E06 = 6.97 ALPHA = 4.98
 CM = .7148 CM.25 = -.0790

CD2 CD1 CD3 CD4 CD5
 .0276902747(-.00022)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .0267602662(-.00014)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	.6578	.9148	.3585	0.0000	.6546	.9140	.3601
.0075	-2.3783	.3184	1.3906	.0100	.9915	.9803	.1686
.0101	-2.3691	.3216	1.3834	.0177	.8168	.9458	.2829
.0164	-2.7937	.2374	1.5942	.0526	.3861	.8621	.4648
.0200	-2.9050	.214*	1.6615	.1023	.1281	.8109	.5549
.0265	-2.9209	.2135	1.6655	.1527	.0259	.7907	.5884
.0308	-2.6301	.2705	1.5050	.2020	-.0627	.7733	.6167
.0364	-2.2307	.3472	1.3281	.2770	-.1614	.7537	.6480
.0518	-1.9733	.3970	1.2286	.3757	-.1923	.7478	.6573
.0769	-1.6349	.4670	1.1019	.4507	-.1357	.7389	.6397
.1019	-1.2324	.5440	.9741	.5257	-.0230	.7809	.6045
.1518	-.7681	.6348	.8320	.6007	.0941	.8040	.5664
.2019	-.6487	.6582	.7960	.6755	.2000	.8253	.5304
.2519	-.6032	.6669	.7827	.7173	.2486	.8342	.5149
.3018	-.5640	.6748	.7705	.8507	.3323	.8511	.4849
.4018	-.5211	.6833	.7575	.9010	.3281	.8502	.4865
.4519	-.5038	.6864	.7527	.9508	.2679	.8385	.5074
.5020	-.4777	.6918	.7444	1.0000	.0396	.7939	.5831
.5270	-.4756	.6924	.7426				
.5520	-.4606	.6949	.7397				
.5770	-.4547	.6968	.7367				
.6020	-.4495	.6978	.7352				
.6270	-.4426	.6993	.7329				
.6519	-.4329	.7014	.7296				
.6770	-.4239	.7027	.7276				
.7020	-.4093	.7061	.7223				
.7516	-.3652	.7153	.7081				
.8017	-.2961	.7283	.6879				
.8519	-.2173	.7438	.6637				
.9012	-.1328	.7603	.6375				
.9518	-.0395	.7789	.6077				
1.0000	.0407	.7938	.5833				

TEST 118 RUN 71 POINT 12 GRIT ***OFF***
 PT = 2.8308 TT = 230.0 M, INF = .5935 RC*E06 = 6.96 ALPHA = 5.98
 CM = .7863 CM.25 = -.0727

CD2 CD1 CD3 CD4 CD5
 .0406603453(-.00112)04068(.00002)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .0397203867(-.00105)03997(.00025)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.5557	.8450	.4008	0.0000	.5530	.8945	.4018
.0075	-2.4838	.2499	1.4330	.0100	1.0338	.9886	.1279
.0101	-2.5056	.3013	1.4296	.0177	.8812	.9589	.2454
.0164	-2.7104	.2552	1.5449	.0526	.4637	.8776	.4354
.0200	-2.6413	.2727	1.4994	.1023	.1991	.8257	.5297
.0265	-2.3384	.3273	1.3708	.1527	.0845	.8031	.5679
.0308	-2.3988	.3221	1.3824	.2020	-.0065	.7861	.5959
.0364	-2.2644	.3461	1.3305	.2770	-.1154	.7650	.6300
.0518	-2.1116	.3737	1.2740	.3757	-.1578	.7554	.6453
.0769	-1.8479	.4268	1.1731	.4507	-.1118	.7656	.6290
.1019	-1.5573	.4826	1.0752	.5257	-.0057	.7857	.5966
.1518	-1.0740	.5767	.9223	.6007	.1031	.8085	.5590
.2019	-.8133	.6289	.8410	.6755	.2045	.8267	.5280
.2519	-.6957	.6520	.8056	.7173	.2529	.8353	.5130
.3018	-.6192	.6651	.7854	.8507	.3294	.8515	.4841
.4018	-.5449	.6812	.7606	.9010	.3210	.8498	.4872
.4519	-.5169	.6858	.7535	.9508	.2536	.8370	.5100
.5020	-.4906	.6933	.7420	1.0000	-.0020	.7879	.5930
.5270	-.4806	.6928	.7429				
.5520	-.4600	.6954	.7388				
.5770	-.4515	.6993	.7328				
.6020	-.4426	.7009	.7303				
.6270	-.4295	.7040	.7255				
.6519	-.4158	.7075	.7201				
.6770	-.4020	.7096	.7168				
.7020	-.3824	.7129	.7119				
.7516	-.3414	.7213	.6988				
.8017	-.2741	.7335	.6797				
.8519	-.2038	.7483	.6565				
.9012	-.1320	.7621	.6346				
.9518	-.0581	.7768	.6111				
1.0000	-.0026	.7873	.5939				

MINERAL BASE IS
OF FOUR QUALITY

TABLE II.- Continued.

TEST 118 RUN 72 POINT 1 GRIT ***OFF***
 PT = 2.5566 TT = 229.2 M,INF = .6952 RC*E06 = 7.04 ALPHA = -.01
 CN = .1696 CM.25 = -.1014

CD2 CD1 CD3 CD4 CD5
 .00966 .00983(.00017) .00972(.00037) .00928(-.00038) .00894(-.00071)
 CDCDF2 CDCDF1 CDCDF3 CDCDF4 CDCDF5
 .00883 .00906(.00023) .00892(.00010) .00864(-.00018) .00849(-.00033)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1426	1.0039	0.0000	0.0000	1.1405	1.0039	0.0000
.0075	-.5166	.5979	.8892	.0100	.3947	.8214	.5372
.0161	-.7307	.5458	.9714	.0177	.1540	.7623	.6343
.0164	-.9384	.4939	1.0562	.0526	-.2636	.6594	.7942
.0200	-.9199	.4991	1.0475	.1023	-.4771	.6080	.8735
.0265	-.5663	.5866	.9068	.1527	-.5138	.5983	.8885
.0308	-.6705	.5605	.9478	.2020	-.5580	.5867	.9066
.0364	-.3109	.5993	.8870	.2770	-.6100	.5728	.9285
.0518	-.4299	.6196	.8556	.3757	-.5273	.5944	.8945
.0769	-.3835	.6300	.8394	.4507	-.3673	.6327	.8352
.1019	-.3452	.6402	.8237	.5257	-.1713	.6818	.7508
.1518	-.3629	.6500	.8087	.6007	-.0021	.7231	.6960
.2019	-.2736	.6565	.7988	.6755	.1383	.7574	.6422
.2519	-.2629	.6532	.8038	.7173	.1992	.7722	.6184
.3018	-.2860	.6536	.8031	.8507	.3163	.8018	.5702
.4018	-.3183	.6453	.8160	.9010	.3261	.8040	.5665
.4519	-.3309	.6427	.8199	.9508	.2845	.7948	.5617
.5020	-.3329	.6419	.8211	1.0000	.1163	.7528	.6495
.5270	-.3428	.6393	.8251				
.5520	-.3430	.6391	.8254				
.5770	-.3524	.6381	.8270				
.6020	-.3612	.6357	.8307				
.6270	-.3686	.6359	.8310				
.6519	-.3718	.6333	.8344				
.6770	-.3817	.6312	.8377				
.7020	-.3825	.6317	.8368				
.7518	-.3587	.6356	.8308				
.8017	-.3011	.6447	.8091				
.8519	-.2229	.6689	.7797				
.9012	-.1374	.6902	.7469				
.9518	-.0123	.7200	.7008				
1.0000	.1166	.7531	.6490				

TEST 118 RUN 72 POINT 2 GRIT ***OFF***
 PT = 2.5564 TT = 229.6 M,INF = .6945 RC*E06 = 7.02 ALPHA = .98
 CN = .3065 CM.25 = -.1013

CD2 CD1 CD3 CD4 CD5
 .00985 .00986(.00001) .00982(-.00003) .00937(-.00048) .00895(-.00090)
 CDCDF2 CDCDF1 CDCDF3 CDCDF4 CDCDF5
 .00906 .00913(.00007) .00913(.00006) .00877(-.00029) .00856(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1109	.9460	.0752	0.0000	1.1087	.9955	.0799
.0075	-.8475	.5150	1.0212	.0100	.5842	.8669	.4558
.0161	-1.0305	.4698	1.0971	.0177	.3446	.8078	.5601
.0164	-1.3745	.3853	1.2513	.0526	-.0881	.7019	.7289
.0200	-1.4830	.3593	1.3032	.1023	-.3173	.6458	.8151
.0265	-1.3470	.3930	1.2363	.1527	-.3762	.6312	.8376
.0308	-1.4730	.3611	1.2994	.2020	-.4367	.6164	.8605
.0364	-1.0159	.4739	1.0900	.2770	-.5034	.5998	.8861
.0518	-.5573	.5863	.9072	.3757	-.4548	.6116	.8679
.0769	-.5359	.5920	.8983	.4507	-.3170	.6461	.8146
.1019	-.4853	.6046	.8787	.5257	-.1356	.6905	.7465
.1518	-.4138	.6220	.8518	.6007	.0291	.7301	.6891
.2019	-.3671	.6335	.8341	.6755	.1591	.7631	.6330
.2519	-.3669	.6333	.8343	.7173	.2190	.7774	.6101
.3018	-.3595	.6350	.8318	.8507	.3304	.8048	.5651
.4018	-.3772	.6314	.8373	.9010	.3363	.8064	.5600
.4519	-.3652	.6293	.8405	.9508	.2920	.7954	.5807
.5020	-.3825	.6302	.8391	1.0000	.1081	.7501	.6538
.5270	-.3901	.6287	.8415				
.5520	-.3860	.6240	.8409				
.5770	-.3933	.6274	.8434				
.6020	-.3995	.6261	.8454				
.6270	-.4058	.6244	.8481				
.6519	-.4083	.6234	.8497				
.6770	-.4125	.6225	.8511				
.7020	-.4055	.6242	.8484				
.7518	-.3788	.6316	.8370				
.8017	-.3125	.6469	.8134				
.8519	-.2284	.6686	.7802				
.9012	-.1326	.6915	.7448				
.9518	-.0133	.7211	.6991				
1.0000	.1095	.7505	.6531				

ORIGINAL SOURCE OF POOR QUALITY

TABLE II.- Continued.

PT = 2.5571 TEST 118 RUN 72 POINT 3 GRIT ***OFF***
 CN = .3756 TT = 230.1 M,INF = .7026 RC*E06 = 7.06 ALPHA = 1.47

CD2 CD1 CD3 CD4 CD5
 .01066 .01047(-.00022) .01051(-.00017) .01009(-.00059) .00972(-.00096)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00993 .00978(-.00015) .00984(-.00009) .00953(-.00040) .00935(-.00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0894	.9907	.1153	0.0000	1.0866	.9899	.1201
.0075	-.9728	.4826	1.0753	.0100	.6582	.8840	.4230
.0101	-1.1376	.4418	1.1461	.0177	.4235	.8236	.5333
.0164	-1.4814	.3570	1.3078	.0526	-.0254	.7158	.7073
.0200	-1.5864	.3300	1.3650	.1023	-.2478	.6605	.7925
.0265	-1.5713	.3332	1.3579	.1527	-.3182	.6429	.8195
.0308	-1.6049	.3267	1.3723	.2020	-.3867	.6252	.8469
.0364	-1.5506	.3389	1.3459	.2770	-.4594	.6083	.8730
.0518	-1.1807	.4232	1.1798	.3757	-.4222	.6170	.8596
.0769	-.5313	.5911	.8996	.4507	-.2951	.6484	.8112
.1019	-.5171	.5941	.8951	.5257	-.1179	.6906	.7464
.1516	-.4548	.6092	.8715	.6007	.0384	.7269	.6901
.2019	-.4051	.6205	.8539	.6755	.1716	.7614	.6358
.2519	-.4009	.6227	.8507	.7173	.2315	.7757	.6129
.3018	-.3898	.6250	.8472	.8507	.3439	.7984	.5758
.4018	-.4621	.6212	.8530	.9010	.4482	.7999	.5733
.4519	-.4682	.6185	.8572	.9508	.5005	.7874	.5639
.5020	-.4076	.6156	.8617	1.0000	.1083	.7416	.6671
.5270	-.4120	.6160	.8610				
.5520	-.4646	.6168	.8598				
.5770	-.4162	.6145	.8788				
.6020	-.4263	.6026	.8817				
.6270	-.4282	.6016	.8834				
.6519	-.4314	.6054	.8774				
.6770	-.4236	.6174	.8589				
.7020	-.4183	.6163	.8606				
.7516	-.3862	.6239	.8488				
.8017	-.3160	.6417	.8214				
.8519	-.2281	.6636	.7878				
.9012	-.1305	.6876	.7509				
.9518	-.0102	.7168	.7057				
1.0000	.1074	.7484	.6564				

PT = 2.5564 TEST 118 RUN 72 POINT 4 GRIT ***OFF***
 CN = .3660 TT = 220.8 M,INF = .6997 RC*E06 = 7.07 ALPHA = 1.47

CD2 CD1 CD3 CD4 CD5
 .01069 .01057(-.00012) .01059(-.00009) .01010(-.00058) .00962(-.00106)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00995 .00951(-.00064) .00992(-.00003) .00953(-.00040) .00925(-.00070)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0877	.9905	.1167	0.0000	1.0857	.9900	.1200
.0075	-.9792	.4835	1.0738	.0100	.6586	.8850	.4209
.0101	-1.1514	.4414	1.1460	.0177	.4206	.8271	.5273
.0164	-1.4969	.3571	1.3077	.0526	-.0231	.7175	.7048
.0200	-1.6013	.3308	1.3632	.1023	-.2476	.6622	.7899
.0265	-1.5659	.3339	1.3565	.1527	-.3183	.6452	.8161
.0308	-1.6156	.3276	1.3702	.2020	-.3843	.6288	.8414
.0364	-1.5907	.3408	1.3418	.2770	-.4582	.6099	.8703
.0518	-.8197	.5234	1.0076	.3757	-.4229	.6192	.8560
.0769	-.5368	.5913	.8994	.4507	-.2958	.6500	.8087
.1019	-.5206	.5951	.8935	.5257	-.1199	.6940	.7410
.1516	-.4563	.6113	.8663	.6007	.0368	.7317	.6826
.2019	-.4044	.6238	.8490	.6755	.1697	.7647	.6306
.2519	-.4007	.6241	.8486	.7173	.2281	.7787	.6081
.3018	-.3914	.6270	.8441	.8507	.3360	.8053	.5644
.4018	-.4659	.6231	.8501	.9010	.4413	.8071	.5613
.4519	-.4688	.6232	.8500	.9508	.5039	.7953	.5609
.5020	-.4016	.6239	.8489	1.0000	.1044	.7491	.6554
.5270	-.4078	.6227	.8507				
.5520	-.4053	.6228	.8505				
.5770	-.4101	.6215	.8524				
.6020	-.4165	.6211	.8532				
.6270	-.4188	.6202	.8545				
.6519	-.4218	.6199	.8550				
.6770	-.4234	.6188	.8567				
.7020	-.4162	.6208	.8536				
.7516	-.3844	.6291	.8409				
.8017	-.3160	.6459	.8149				
.8519	-.2241	.6676	.7816				
.9012	-.1314	.6915	.7449				
.9516	-.0115	.7202	.7006				
1.0000	.1064	.7490	.6554				

ORIGINAL TEST REPORT
OF POOR QUALITY

TABLE II.- Continued.

PT = 2.5564 TT = 230.8 RUN 72 POINT 5 GRIT ***OFF***
 CM = .4038 CM.25 = -.1010 M.INF = .7072 RC*E06 = 7.05 ALPHA = 1.73

CD2 CD1 CD3 CD4 CD5
 .01149 .01129(-.00019) .01138(-.00010) .01082(-.00066) .01049(-.00100)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01072 .01059(-.00013) .01068(-.00004) .01024(-.00048) .01019(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0904	.9890	.1254	0.0000	1.0886	.9883	.1294
.0075	-.9626	.4654	1.1048	.0100	.6938	.8883	.4143
.0101	-1.1186	.4274	1.1721	.0177	.4603	.8290	.5240
.0164	-1.4532	.3431	1.3369	.0526	.0135	.7160	.7071
.0200	-1.5626	.3154	1.3973	.1023	-.2185	.6564	.7989
.0265	-1.5669	.3141	1.4002	.1527	-.2945	.6377	.8276
.0308	-1.5822	.3095	1.4107	.2020	-.3663	.6197	.8553
.0364	-1.5533	.3178	1.3920	.2770	-.4907	.5977	.8894
.0518	-1.4371	.3472	1.3281	.3757	-.4177	.6067	.8754
.0769	-.7672	.5179	1.0164	.4507	-.2887	.6413	.8220
.1019	-.4708	.5923	.8979	.5257	-.1131	.6915	.7449
.1518	-.4553	.5969	.8907	.6007	.0470	.7295	.6861
.2019	-.4181	.6066	.8757	.6755	.1791	.7572	.6425
.2519	-.4190	.6058	.8769	.7173	.2371	.7722	.6185
.3018	-.4103	.6086	.8724	.8507	.3448	.8000	.5732
.4018	-.4262	.6066	.8756	.9010	.3426	.8018	.5702
.4519	-.4296	.6129	.8658	.9508	.2957	.7897	.5901
.5020	-.4094	.6155	.8618	1.0000	.1088	.7406	.6686
.5270	-.4251	.6035	.8804				
.5520	-.4223	.6047	.8786				
.5770	-.4269	.6042	.8793				
.6020	-.4323	.6043	.8792				
.6270	-.4350	.6038	.8799				
.6519	-.4344	.6032	.8809				
.6770	-.4400	.6013	.8839				
.7020	-.4318	.6028	.8815				
.7516	-.3952	.6125	.8664				
.8017	-.3222	.6308	.8382				
.8519	-.2309	.6545	.8018				
.9012	-.1311	.6795	.7634				
.9518	-.0094	.7113	.7144				
1.0000	.1093	.7405	.6689				

PT = 2.5562 TT = 228.8 RUN 72 POINT 6 GRIT ***OFF***
 CM = .4033 CM.25 = -.0988 M.INF = .6935 RC*E06 = 7.05 ALPHA = 1.73

CD2 CD1 CD3 CD4 CD5
 .01125 .01104(-.00021) .01109(-.00017) .01084(-.00062) .01022(-.00103)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01051 .01037(-.00014) .01038(-.00013) .01005(-.00045) .00986(-.00065)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0753	.9875	.1337	0.0000	1.0708	.9865	.1395
.0075	-1.0602	.4653	1.1050	.0100	.6943	.8943	.4023
.0101	-1.2035	.4304	1.1666	.0177	.4604	.8372	.5097
.0164	-1.3521	.3446	1.3347	.0526	.0124	.7284	.6678
.0200	-1.0653	.3182	1.3910	.1023	-.2128	.6727	.7730
.0265	-1.0567	.3187	1.3900	.1527	-.2868	.6549	.8011
.0308	-1.0830	.3132	1.4023	.2020	-.3544	.6382	.8268
.0364	-1.0407	.3242	1.3776	.2770	-.4317	.6191	.8563
.0518	-1.4163	.3783	1.2650	.3757	-.4024	.6257	.8460
.0769	-.5435	.5927	.8972	.4507	-.2824	.6559	.7995
.1019	-.5222	.5911	.8904	.5257	-.1109	.6986	.7340
.1516	-.4738	.6093	.8715	.6007	.0431	.7350	.6774
.2019	-.4218	.6217	.8522	.6755	.1742	.7673	.6263
.2519	-.4171	.6227	.8508	.7173	.2321	.7806	.6049
.3018	-.4051	.6251	.8470	.8507	.3392	.8074	.5608
.4018	-.4164	.6232	.8499	.9010	.3438	.8031	.5597
.4519	-.4182	.6235	.8495	.9508	.2957	.7969	.5782
.5020	-.4117	.6237	.8491	1.0000	.1033	.7506	.6530
.5270	-.4175	.6227	.8507				
.5520	-.4126	.6225	.8510				
.5770	-.4162	.6225	.8516				
.6020	-.4222	.6203	.8545				
.6270	-.4254	.6206	.8540				
.6519	-.4256	.6215	.8526				
.6770	-.4280	.6198	.8531				
.7020	-.4212	.6216	.8524				
.7516	-.3873	.6314	.8372				
.8017	-.3162	.6476	.8124				
.8519	-.2793	.6695	.7787				
.9012	-.1325	.6928	.7423				
.9518	-.0128	.7220	.6977				
1.0000	.1047	.7501	.6536				

ORIGINAL COPY
 OF WORK REPORT

TABLE II.- Continued.

TEST 118 RUN 72 POINT 7 GRIT ***OFF***
 PT = 2.5565 TT = 228.8 M,INF = .6941 RC*E06 = 7.06 ALPHA = 1.98
 C4 = .4309 CM,25 = -.0687

CD2 CD1 CD3 CD4 CD5
 .01196 .01177(-.00019) .01182(-.00014) .01130(-.00069) .01097(-.00099)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01120 .01107(-.00013) .01113(-.00007) .01092(-.00028) .01061(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.0567	.9829	.1537	0.0000	1.0567	.9829	.1537
.0075	-1.1202	.4498	1.1320	.0100	-.7262	.9024	.3854
.0101	-1.2615	.4170	1.1911	.0177	-.4936	.8456	.4948
.0164	-1.6084	.3325	1.3596	.0526	-.0449	.7363	.6755
.0200	-1.7150	.3062	1.4183	.1023	-.1811	.5807	.7615
.0265	-1.7164	.3057	1.4195	.1527	-.2580	.6616	.7909
.0308	-1.7389	.3004	1.4318	.2020	-.3314	.6431	.8192
.0364	-1.6972	.3106	1.4083	.2770	-.4102	.6237	.8492
.0518	-1.5721	.3411	1.3410	.3757	-.3875	.6291	.8409
.0769	-.6599	.5643	.9419	.4507	-.2718	.6579	.7965
.1019	-.5085	.6007	.8848	.5257	-.1029	.6985	.7341
.1518	-.4814	.6070	.8751	.6007	.0491	.7363	.6755
.2019	-.4372	.6172	.8592	.6755	.1788	.7677	.6257
.2519	-.4316	.6184	.8573	.7173	.2364	.7816	.6033
.3016	-.4199	.6211	.8532	.8507	.3416	.8079	.5599
.4018	-.4292	.6194	.8558	.9010	.3461	.8087	.5586
.4519	-.4307	.6181	.8578	.9308	.2964	.7961	.5796
.5020	-.4217	.6210	.8534	1.0000	.1027	.7485	.6563
.5270	-.4265	.6193	.8559				
.5520	-.4219	.6201	.8547				
.5770	-.4259	.6200	.8548				
.6020	-.4296	.6186	.8570				
.6270	-.4325	.6171	.8594				
.6519	-.4325	.6170	.8594				
.6770	-.4344	.6175	.8587				
.7020	-.4261	.6193	.8560				
.7516	-.3909	.6293	.8405				
.8017	-.3199	.6473	.8127				
.8519	-.2310	.6679	.7812				
.9012	-.1337	.6911	.7456				
.9518	-.0125	.7206	.7000				
1.0000	.1041	.7494	.6548				

TEST 118 RUN 72 POINT 8 GRIT ***OFF***
 PT = 2.5569 TT = 229.4 M,INF = .6933 RC*E06 = 7.03 ALPHA = 2.24
 CM = .4617 CM,25 = -.0479

CD2 CD1 CD3 CD4 CD5
 .01284 .01278(-.00006) .01273(-.00011) .01214(-.00069) .01185(-.00098)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01199 .01195(-.00001) .01199(-.00000) .01190(-.00049) .01154(-.00066)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.0426	.9794	.1679	0.0000	1.0426	.9794	.1679
.0077	-1.1773	.4350	1.1983	.0100	-.7566	.9093	.3705
.0101	-1.2907	.4086	1.2068	.0177	-.5273	.8335	.4806
.0164	-1.6323	.3217	1.3831	.0526	-.0794	.7445	.6625
.0200	-1.7467	.2975	1.4366	.1023	-.1501	.6880	.7903
.0265	-1.7541	.2940	1.4470	.1527	-.2328	.6677	.7815
.0308	-1.7797	.2889	1.4592	.2020	-.3054	.6500	.8086
.0364	-1.7447	.2980	1.4374	.2770	-.3882	.6315	.8372
.0518	-1.6288	.3260	1.3736	.3757	-.3702	.6356	.8367
.0769	-1.0102	.4785	1.0823	.4507	-.2615	.6613	.7913
.1019	-.5365	.5936	.8959	.5257	-.0942	.7018	.7290
.1518	-.4744	.6076	.8740	.6007	.0543	.7381	.6726
.2019	-.4460	.6156	.8616	.6755	.1834	.7695	.6229
.2519	-.4448	.6177	.8584	.7173	.2406	.7837	.5999
.3016	-.4316	.6207	.8538	.8507	.3455	.8090	.5581
.4018	-.4407	.6179	.8587	.9010	.3479	.8099	.5573
.4519	-.4386	.6176	.8587	.9308	.2968	.7974	.5774
.5020	-.4302	.6197	.8594	1.0000	.1022	.7490	.6594
.5270	-.4336	.6186	.8571				
.5520	-.4286	.6202	.8545				
.5770	-.4313	.6189	.8566				
.6020	-.4346	.6175	.8588				
.6270	-.4373	.6180	.8579				
.6519	-.4356	.6172	.8591				
.6770	-.4383	.6177	.8584				
.7020	-.4295	.6195	.8557				
.7516	-.3930	.6285	.8418				
.8017	-.3217	.6466	.8140				
.8519	-.2324	.6671	.7824				
.9012	-.1348	.6919	.7443				
.9518	-.0145	.7208	.6996				
1.0000	.1027	.7499	.6540				

ORIGINAL PAGE IS
OF POOR QUALITY.

TABLE II.- Continued.

PT = 2.5549 TT = 229.0 RUN 72 POINT 9 GRIT ****OFF***
 CM = .5019 CA.25 = -.0999 M.INF = .6441 RC*EO6 = 7.05 ALPHA = 2.50

CD2 CD1 CD3 CD4 CD5
 .01384 .01377(-.00008) .01377(-.00008) .01321(-.00063) .01295(-.00089)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01303 .01298(-.00005) .01305(.00002) .01297(-.00046) .01244(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0319	.9768	.1820	0.0000	1.0265	.9755	.1882
.0075	-1.2299	.4228	1.1804	.0100	.7845	.9160	.3559
.0101	-1.3354	.3963	1.2300	.0177	.5590	.8610	.4667
.0154	-1.6846	.3112	1.4068	.0526	.1118	.7517	.6512
.0200	-1.7767	.2881	1.4611	.1023	-.1197	.6950	.7396
.0265	-1.7924	.2834	1.4726	.1527	-.2061	.6745	.7711
.0308	-1.8170	.2782	1.4854	.2020	-.2811	.6555	.8003
.0364	-1.7816	.2869	1.4641	.2770	-.3674	.6349	.8319
.0518	-1.6794	.3129	1.4031	.3757	-.3543	.6387	.8260
.0769	-1.5681	.3406	1.3422	.4507	-.2493	.6650	.7887
.1019	-.7054	.5916	.9820	.5257	-.0861	.7050	.7272
.1518	-.4652	.6112	.8885	.6007	.0619	.7586	.6717
.2019	-.4485	.6145	.8634	.6755	.1890	.7707	.6210
.2519	-.4521	.6142	.8638	.7173	.2454	.7841	.5992
.3018	-.4424	.6172	.8591	.8507	.3491	.8006	.5572
.4018	-.4508	.6137	.8647	.9010	.4506	.8200	.5565
.4519	-.4491	.6141	.8641	.9508	.5000	.7976	.5770
.5020	-.4379	.6160	.8611	1.0000	.1015	.7490	.6555
.5270	-.4425	.6162	.8608				
.5520	-.4364	.6171	.8593				
.5770	-.4383	.6167	.8600				
.6020	-.4426	.6157	.8615				
.6270	-.4438	.6155	.8618				
.6519	-.4416	.6159	.8612				
.6770	-.4420	.6160	.8611				
.7020	-.4349	.6184	.8574				
.7518	-.3965	.6270	.8441				
.8017	-.3234	.6457	.8155				
.8519	-.2347	.6672	.7823				
.9012	-.1342	.6916	.7448				
.9518	-.0155	.7203	.7003				
1.0000	.1033	.7495	.6546				

PT = 2.5549 TT = 229.2 RUN 72 POINT 10 GRIT ****OFF***
 CM = .5744 CA.25 = -.0925 M.INF = .6950 RC*EO6 = 7.04 ALPHA = 2.99

CD2 CD1 CD3 CD4 CD5
 .01677 .01663(-.00014) .01657(-.00021) .01614(-.00063) .01635(-.00072)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01592 .01580(-.00012) .01580(-.00012) .01550(-.00042) .01550(-.00043)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0014	.9690	.2123	0.0000	.9954	.9678	.2104
.0075	-1.3176	.4005	1.2220	.0100	.8363	.9289	.3260
.0101	-1.3699	.3817	1.2583	.0177	.6182	.8753	.4400
.0164	-1.7425	.2934	1.4483	.0526	.1732	.7657	.6289
.0200	-1.8467	.2712	1.5030	.1023	-.0647	.7076	.7201
.0265	-1.8773	.2637	1.5224	.1527	-.1549	.6860	.7534
.0364	-1.8841	.2593	1.5339	.2020	-.2367	.6654	.7850
.0518	-1.8621	.2660	1.5165	.2770	-.3268	.6428	.8201
.0769	-1.7654	.2905	1.4554	.3757	-.3234	.6428	.8197
.1019	-1.6815	.3100	1.4095	.4507	-.2264	.6672	.7822
.1518	-1.3594	.3407	1.3419	.5257	-.0711	.7053	.7236
.2019	-.5503	.5940	.8953	.6007	.0742	.7434	.6674
.2519	-.4230	.6195	.8557	.6755	.1980	.7719	.6109
.3018	-.4474	.6129	.8658	.7173	.2540	.7859	.5964
.4018	-.4517	.6118	.8676	.8507	.3545	.8106	.5554
.4519	-.4669	.6081	.8733	.9010	.4506	.8108	.5551
.5020	-.4681	.6077	.8734	.9508	.5000	.7982	.5761
.5270	-.4533	.6118	.8675	1.0000	.1009	.7484	.6564
.5520	-.4545	.6105	.8696				
.5770	-.4505	.6130	.8657				
.6020	-.4511	.6131	.8656				
.6270	-.4545	.6116	.8675				
.6519	-.4544	.6121	.8671				
.6770	-.4501	.6133	.8653				
.7020	-.4513	.6137	.8646				
.7518	-.4410	.6159	.8612				
.8017	-.4019	.6252	.8469				
.8519	-.3274	.6434	.8188				
.9012	-.2378	.6661	.7840				
.9518	-.1382	.6906	.7464				
1.0000	-.0176	.7142	.7020				
	.1021	.7492	.6551				

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TABLE II.- Continued.

TEST 118 RUN 72 POINT 11 GRIT ***OFF***
 PT = 2.5580 TT = 230.1 M,INF = .6948 RC*E06 = 7.01 ALPHA = 3.48
 CM = .6284 CM,25 = -.0613
 CD2 CD1 CD3 CD4 CD5
 .02058 .02033(-.00026) .02022(-.00036) .01996(-.00063) .02002(-.00056)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01966 .01942(-.00024) .01939(-.00027) .01921(-.00045) .01940(-.00026)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9685	.9612	.2383	0.0000	.9640	.9601	.2417
.0075	-1.3919	.3819	1.2579	.0100	.8810	.9396	.2992
.0101	-1.4590	.3646	1.2923	.0177	.6712	.8885	.4139
.0164	-1.8175	.2764	1.4900	.0526	.2287	.7795	.6067
.0200	-1.9019	.2552	1.5449	.1023	-.0204	.7188	.7027
.0265	-1.9387	.2473	1.5663	.1517	-.1045	.6967	.7368
.0308	-1.9528	.2433	1.5775	.2010	-.1923	.6775	.7664
.0364	-1.9301	.2483	1.5636	.2770	-.2901	.6527	.8045
.0516	-1.8563	.2709	1.5037	.3757	-.2929	.6516	.8061
.0769	-1.7574	.2895	1.4578	.4507	-.2048	.6732	.7730
.1019	-1.6660	.3104	1.4086	.5257	-.0548	.7102	.7161
.1516	-.8478	.5138	1.0233	.6007	.0857	.7449	.6619
.2019	-.4623	.6115	.8680	.6755	.2094	.7736	.6162
.2519	-.4203	.6208	.8536	.7173	.2629	.7875	.5937
.3019	-.4424	.6149	.8627	.8507	.3596	.8126	.5520
.4018	-.4747	.6069	.8751	.9010	.3610	.8125	.5522
.4519	-.4771	.6066	.8756	.9508	.3074	.7992	.5744
.5020	-.4644	.6101	.8701	1.0000	.1006	.7469	.6588
.5270	-.4640	.6076	.8741				
.5520	-.4589	.6100	.8704				
.5770	-.4622	.6117	.8676				
.5020	-.4643	.6104	.8698				
.6270	-.4648	.6103	.8690				
.6519	-.4553	.6099	.8705				
.6770	-.4556	.6123	.8668				
.7020	-.4439	.6148	.8629				
.7516	-.4034	.6245	.8480				
.8017	-.3280	.6424	.8203				
.8519	-.2382	.6637	.7876				
.9012	-.1425	.6900	.7472				
.9518	-.0210	.7196	.7015				
1.0000	.1015	.7498	.6557				

TEST 118 RUN 72 POINT 12 GRIT ***OFF***
 PT = 2.5577 TT = 230.0 M,INF = .6938 RC*E06 = 7.01 ALPHA = 3.98
 CM = .6942 CM,25 = -.0681
 CD2 CD1 CD3 CD4 CD5
 .02582 .02526(-.00036) .02534(-.00048) .02509(-.00073) .02525(-.00057)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02446 .02421(-.00064) .02449(-.00037) .02432(-.00054) .02461(-.00024)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9320	.9524	.2634	0.0000	.9227	.9505	.2700
.0075	-1.4954	.3602	1.3012	.0100	.9201	.9495	.2728
.0101	-1.5340	.3502	1.3218	.0177	.7224	.9014	.3874
.0164	-1.9105	.2594	1.5336	.0526	.2845	.7939	.6032
.0200	-1.9711	.2405	1.5853	.1023	.0315	.7321	.6819
.0265	-2.0152	.2303	1.6147	.1527	-.0593	.7106	.7154
.0308	-2.0347	.2279	1.6216	.2020	-.1911	.6871	.7517
.0364	-2.0054	.2321	1.6094	.2770	-.2485	.6615	.7911
.0516	-1.9331	.2526	1.5519	.3757	-.2635	.6600	.7933
.0769	-1.8522	.2707	1.5045	.4507	-.1832	.6802	.7624
.1019	-1.7790	.2852	1.4586	.5257	-.0385	.7148	.7088
.1516	-1.2082	.4300	1.1673	.6007	.0980	.7482	.6568
.2019	-.7415	.5425	.9766	.6755	.2173	.7776	.6098
.2519	-.4571	.6101	.8701	.7173	.2707	.7898	.5900
.3019	-.4142	.6231	.8500	.8507	.3651	.8135	.5506
.4018	-.4749	.6099	.8706	.9010	.3640	.8149	.5481
.4519	-.4765	.6076	.8741	.9508	.3090	.8013	.5709
.5020	-.4664	.6170	.8704	1.0000	.0979	.7477	.6583
.5270	-.4721	.6068	.8721				
.5520	-.4542	.6093	.8714				
.5770	-.4637	.6104	.8697				
.6020	-.4674	.6128	.8661				
.6270	-.4642	.6132	.8654				
.6519	-.4547	.6114	.8682				
.6770	-.4574	.6127	.8661				
.7020	-.4461	.6154	.8620				
.7516	-.4034	.6252	.8488				
.8017	-.3280	.6453	.8158				
.8519	-.2374	.6657	.7846				
.9012	-.1404	.6997	.7477				
.9518	-.0248	.7191	.7023				
1.0000	.0984	.7487	.6560				

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TABLE II.- Continued.

TEST 118 RUN 73 POINT 1 GRIT ***OFF***
 PT = 2.5111 TT = 228.8 M.INF = .7161 RC*E06 = 7.06 ALPHA = .00
 CM = .1761 CM.25 = -.1040

CD2 CD1 CD3 CD4 CD5
 .00973 .00477(.00003) .00975(.00002) .00937(-.00037) .00895(-.00078)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00892 .00901(.00009) .00899(.00007) .00376(-.00016) .00853(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1465	1.0036	0.0000	0.0000	1.1471	1.0036	0.0000
.007*	-.4796	.5687	.9035	.0100	.4030	.8164	.5414
.0101	-.6946	.5334	.9913	.0177	.1666	.7525	.6499
.0164	-.9527	.4739	1.0901	.0526	-.2614	.6428	.8190
.0200	-.9460	.4703	1.0962	.1023	-.4903	.5850	.9092
.0265	-.955*	.5663	.9387	.1527	-.5330	.5725	.8288
.0308	-.7137	.5285	.9992	.2020	-.5882	.5578	.7502
.0364	-.5090	.5816	.9146	.2770	-.6534	.5409	.7124
.051*	-.4340	.5990	.8874	.3757	-.5554	.5647	.7000
.0769	-.3901	.6098	.8706	.4507	-.3783	.6113	.6214
.1019	-.3536	.6199	.8550	.5257	-.1714	.6631	.7886
.1516	-.307*	.6302	.8391	.6007	-.0019	.7066	.7217
.2019	-.2796	.6369	.8288	.6755	.1410	.7434	.6643
.2519	-.2893	.6342	.8328	.7173	.2029	.7593	.6392
.301*	-.3004	.6072	.8747	.8507	.3215	.7901	.5895
.401*	-.3272	.624*	.8481	.9010	.3317	.7926	.5854
.451*	-.3401	.6196	.8355	.9508	.2902	.7827	.6016
.5020	-.3410	.6190	.8364	1.0000	.1195	.7398	.6700
.5270	-.3545	.6157	.8615				
.5520	-.3536	.6158	.8613				
.5770	-.3637	.6136	.8648				
.6020	-.3745	.6105	.8695				
.6270	-.3831	.6097	.8708				
.6519	-.3857	.6104	.8698				
.6770	-.3962	.6065	.8758				
.7020	-.3971	.6049	.8785				
.7516	-.3716	.6133	.8653				
.8017	-.3066	.6307	.8384				
.8519	-.2239	.6524	.8049				
.9017	-.1319	.6766	.7678				
.951*	-.0101	.7090	.7195				
1.0000	.1203	.7391	.6710				

TEST 118 RUN 73 POINT 2 GRIT ***OFF***
 PT = 2.5111 TT = 229.4 M.INF = .7152 RC*E06 = 7.06 ALPHA = -.01
 CM = .1849 CM.25 = -.1032

CD2 CD1 CD3 CD4 CD5
 .00973 .00477(.00003) .00967(-.00005) .00932(-.00040) .00884(-.00088)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00890 .00901(.00010) .00897(.00007) .00871(-.00019) .00855(-.00035)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1544	1.0041	0.0000	0.0000	1.1488	1.0037	0.0000
.0075	-.4893	.5869	.9069	.0100	.4073	.8144	.5490
.0101	-.6971	.5333	.9914	.0177	.1663	.7534	.6489
.0164	-.9567	.4677	1.1008	.0526	-.2594	.6443	.8174
.0200	-.9413	.4713	1.0946	.1023	-.4892	.5856	.9083
.0265	-.5632	.5616	.9461	.1527	-.5308	.5753	.8246
.0308	-.7164	.5284	.9994	.2020	-.5842	.5637	.7428
.0364	-.5080	.5822	.9137	.2770	-.6467	.5451	.7924
.051*	-.4324	.6008	.8846	.3757	-.5509	.5697	.7334
.0769	-.3943	.6112	.8685	.4507	-.3771	.6143	.6836
.1019	-.3520	.6206	.8539	.5257	-.1716	.6664	.7836
.1516	-.3065	.6329	.8356	.6007	.0009	.7104	.7157
.2019	-.2794	.6411	.8224	.6755	.1408	.7462	.6598
.2519	-.2960	.6367	.8292	.7173	.2022	.7619	.6390
.301*	-.2917	.6358	.8305	.8507	.3210	.7923	.5898
.401*	-.3263	.6273	.8436	.9010	.3307	.7945	.5822
.451*	-.3387	.6237	.8492	.9508	.2847	.7842	.5992
.5020	-.3405	.6232	.8499	1.0000	.1187	.7408	.6684
.5270	-.3519	.6209	.8542				
.5520	-.3526	.6203	.8544				
.5770	-.3606	.6184	.8574				
.6020	-.3724	.6148	.8629				
.6270	-.3800	.6131	.8656				
.6519	-.3892	.6122	.8669				
.6770	-.3936	.6104	.8698				
.7020	-.3947	.6112	.8685				
.7516	-.3640	.6171	.8593				
.8017	-.3046	.6323	.8359				
.8519	-.2244	.6540	.8026				
.9017	-.1307	.6781	.7655				
.951*	-.0145	.7084	.7189				
1.0000	.1200	.7414	.6675				

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TABLE II.- Continued.

TEST 118 RUN 73 POINT 3 GRIT ***OFF***
 PT = 2.5112 TT = 230.0 M, INF = .7136 RC*E06 = 7.00 ALPHA = .99
 C4 = .3084 CA.25 = -.1027

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
.0000	1.1219	.9969	.0600	0.0000	1.1204	.9966	.0700
.0075	-.7866	.5117	1.0267	.0100	.5881	.8609	.4671
.0101	-.9701	.4643	1.1066	.0177	.3500	.8003	.5726
.0164	-1.3043	.3799	1.2618	.0226	-.0949	.6874	.7512
.0200	-1.4142	.3513	1.3197	.1023	-.3219	.6312	.8376
.0265	-1.3647	.3634	1.2948	.1927	-.3862	.6138	.8645
.0308	-1.4171	.3505	1.3215	.2020	-.4519	.5964	.8915
.0364	-1.3521	.3671	1.2873	.2770	-.5240	.5800	.9172
.0518	-.5535	.5702	.9325	.3757	-.4715	.5937	.8957
.0769	-.5143	.5877	.9159	.4507	-.3256	.6274	.8431
.1019	-.4832	.5903	.9010	.5257	-.1358	.6763	.7883
.1511	-.4165	.6081	.8784	.6007	.0283	.7181	.7039
.2019	-.3705	.6171	.8594	.6755	.1644	.7527	.6456
.2519	-.3707	.6188	.8567	.7173	.2734	.7676	.6259
.3011	-.3651	.6206	.8539	.8507	.3354	.7968	.5785
.4011	-.3853	.6124	.8666	.9010	.3420	.7981	.5763
.4519	-.3535	.6106	.8644	.9508	.2958	.7866	.5932
.5020	-.3843	.6116	.8679	1.0000	.1120	.7396	.6703
.5270	-.3561	.6098	.8706				
.5520	-.3952	.6098	.8706				
.5770	-.4014	.6092	.8716				
.6020	-.4082	.6069	.8751				
.6270	-.4144	.6058	.8769				
.6519	-.4177	.6046	.8787				
.6770	-.4249	.6034	.8805				
.7020	-.4155	.6053	.8776				
.7516	-.3866	.6126	.8664				
.8017	-.3173	.6304	.8388				
.8519	-.4274	.6533	.8037				
.9012	-.1245	.6781	.7655				
.9511	-.0074	.7094	.7173				
1.0000	-.1121	.7461	.6695				

TEST 118 RUN 73 POINT 4 GRIT ***OFF***
 PT = 2.5110 TT = 229.1 M, INF = .7152 RC*E06 = 7.05 ALPHA = 1.91
 C4 = .3758 CA.25 = -.1219

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
.01105	1.1044(-.00015)	.01640(-.00015)	.01044(-.00062)	.01002(-.00102)			
.01030	.01001(-.00011)	.01024(-.00036)	.00987(-.00044)	.00963(-.00067)			
.0000	1.1222	.9919	.1083	0.0000	1.0987	.9909	.1144
.0075	-.7658	.4796	1.0804	.0100	.3642	.8802	.4309
.0101	-1.0073	.4463	1.1489	.0177	.4796	.8204	.5388
.0164	-1.4043	.3527	1.3168	.0226	-.0220	.7061	.7224
.0200	-1.3014	.3255	1.3748	.1023	-.2490	.6478	.8121
.0265	-1.3105	.3258	1.3742	.1927	-.2230	.6277	.8458
.0308	-1.3405	.3204	1.3862	.2020	-.3943	.6100	.8701
.0364	-1.4908	.3282	1.3688	.2770	-.4761	.5888	.9033
.0518	-1.3640	.3621	1.2975	.3757	-.4386	.5982	.8886
.0769	-.5243	.5771	.9217	.4507	-.3015	.6327	.8352
.1019	-.4757	.5900	.9015	.5257	-.1188	.6801	.7623
.1511	-.4454	.5954	.8929	.6007	.0412	.7204	.7002
.2019	-.4085	.6069	.8751	.6755	.1756	.7531	.6458
.2519	-.4081	.6067	.8755	.7173	.2340	.7703	.6216
.3011	-.3968	.6084	.8728	.8507	.3434	.7977	.5769
.4011	-.4147	.6034	.8800	.9010	.3483	.7996	.5788
.4519	-.4154	.6032	.8800	.9508	.2993	.7874	.5936
.5020	-.4126	.6043	.8791	1.0000	.1095	.7388	.6716
.5270	-.4174	.6037	.8801				
.5520	-.4134	.6050	.8784				
.5770	-.4189	.6029	.8814				
.6020	-.4256	.6023	.8824				
.6270	-.4235	.6019	.8830				
.6519	-.4323	.6006	.8849				
.6770	-.4364	.5996	.8862				
.7020	-.4424	.6014	.8837				
.7516	-.3455	.6101	.8702				
.8017	-.3215	.6240	.8410				
.8519	-.4296	.6321	.8055				
.9012	-.1306	.6775	.7663				
.9511	-.0074	.7044	.7188				
1.0000	-.1107	.7393	.6708				

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OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 73 POINT 5 GRIT ***OFF***
PT = 2.5110 TT = 228.8 M, INF = .7144 RC*EQ6 = 7.05 ALPHA = 1.75
CN = .4065 CM, 25 = -1012

CD2 CD1 CD3 CD4 CD5
.01154 .01142(-.00011) .01139(-.00015) .01090(-.00064) .01058(-.00096)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01078 .01074(-.00004) .01071(-.00008) .01034(-.00045) .01014(-.00064)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0901	.9888	.1266	0.0000	1.0070	.9880	.1313
.0075	-.9670	.4849	1.1056	.0100	.6954	.8884	.4142
.0101	-1.1089	.4298	1.1678	.0177	.4624	.8277	.5229
.0164	-1.4542	.3413	1.3407	.0525	.0146	.7153	.7081
.0200	-1.5612	.3154	1.3972	.1023	-.2157	.6559	.7997
.0265	-1.5639	.3133	1.4020	.1527	-.2946	.6368	.8290
.0308	-1.5845	.3088	1.4123	.2020	-.3664	.6181	.8578
.0364	-1.5553	.3169	1.3939	.2770	-.4520	.5960	.8928
.0518	-1.4466	.3462	1.3303	.3757	-.4188	.6047	.8786
.0767	-.4282	.5010	1.0444	.4507	-.2891	.6377	.8275
.1019	-.4687	.5614	.8993	.5257	-.1103	.6832	.7576
.1518	-.4524	.5964	.8914	.6007	.8468	.7239	.6947
.2014	-.4172	.6052	.8778	.6755	.1799	.7566	.6435
.2519	-.4196	.6043	.8742	.7173	.2478	.7718	.6192
.3018	-.4105	.6068	.8753	.8307	.3455	.7994	.5740
.4018	-.4264	.6028	.8815	.9010	.3505	.8004	.5725
.4519	-.4289	.6021	.8825	.9508	.3016	.7876	.593
.5020	-.4201	.6053	.8776	1.0000	.1000	.7388	.6715
.5270	-.4261	.6070	.8827				
.5520	-.4217	.6059	.8799				
.5770	-.4268	.6031	.8811				
.6020	-.4319	.6011	.8841				
.6270	-.4361	.5994	.8867				
.6519	-.4377	.5997	.8864				
.6770	-.4405	.5989	.8875				
.7020	-.4337	.6009	.8845				
.7516	-.3965	.5118	.8675				
.8017	-.3221	.6301	.8393				
.8514	-.2317	.6531	.8039				
.9012	-.1314	.6746	.7648				
.9518	-.0069	.7645	.7171				
1.0000	.1099	.7391	.6710				

TEST 118 RUN 73 POINT 6 GRIT ***OFF***
PT = 2.5110 TT = 228.0 M, INF = .7144 RC*EQ6 = 7.05 ALPHA = 2.00
CN = .4453 CM, 25 = -.0643

CD2 CD1 CD3 CD4 CD5
.01235 .01226(-.00006) .01223(-.00012) .01173(-.00061) .01141(-.00090)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01193 .01194(-.00001) .01191(-.00002) .01109(-.00043) .01092(-.00060)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0704	.9855	.1429	0.0000	1.0738	.9851	.1455
.0075	-1.0175	.4911	1.1297	.0100	.7273	.8963	.4901
.0101	-1.1455	.4187	1.1880	.0177	.4963	.8371	.5998
.0164	-1.4962	.3304	1.3641	.0525	.0455	.7224	.6971
.0200	-1.5969	.3033	1.4204	.1023	-.1848	.6633	.7883
.0265	-1.6059	.3014	1.4286	.1527	-.2655	.6431	.8192
.0308	-1.6216	.2973	1.4392	.2020	-.3414	.6246	.8478
.0364	-1.5918	.3081	1.4209	.2770	-.4283	.6020	.8824
.0518	-1.4460	.3314	1.3620	.3757	-.4015	.6087	.8727
.0767	-1.3745	.3591	1.3035	.4507	-.2775	.6401	.8230
.1019	-.3594	.5588	.9506	.5257	-.1019	.6847	.7554
.1518	-.4362	.5996	.8865	.6007	.0536	.7243	.6941
.2014	-.4225	.6039	.8798	.6755	.1647	.7585	.6484
.2519	-.4297	.6019	.8820	.7173	.2420	.7734	.6186
.3018	-.4213	.6036	.8852	.8307	.3485	.8000	.5731
.4018	-.4374	.5944	.8869	.9010	.3528	.8011	.5715
.4514	-.4398	.5985	.8881	.9508	-.1206	.7881	.5914
.5020	-.4304	.6004	.8845	1.0000	.1007	.7388	.6716
.5270	-.4372	.6003	.8894				
.5520	-.4303	.6022	.8824				
.5770	-.4342	.6007	.8847				
.6020	-.4398	.5992	.8872				
.6270	-.4417	.5993	.8867				
.6519	-.4406	.5988	.8877				
.6770	-.4437	.5973	.8893				
.7020	-.4379	.5996	.8866				
.7516	-.3906	.6766	.8709				
.8017	-.3271	.6293	.8405				
.8514	-.2334	.6525	.8036				
.9012	-.1327	.6775	.7645				
.9518	-.0095	.7647	.7184				
1.0000	.1102	.7390	.6712				

ORIGINAL COPY
OF POOR QUALITY

TABLE II.- Continued.

PT = 2.5168 TT = 229.6 RUN 73 POINT 7 GRIT ***OFF***
 CM = .4808 CM.25 = -.0977 M,INF = .7143 RC*E06 = 7.02 ALPHA = 2.25

CD2 CD1 CD3 CD4 CD5
 .01345 .01332(-.00014) .01328(-.00018) .01277(-.00069) .01257(-.00089)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01255 .01237(-.00017) .01249(-.00006) .01203(-.00052) .01196(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
.0000	1.0660	.9826	.1585	0.0000	1.0619	.9815	.1633
.0075	-1.0747	.4365	1.1596	.0100	.7557	.9936	.3829
.0101	-1.1859	.4093	1.2055	.0177	.5275	.8456	.4949
.0164	-1.5303	.3207	1.3855	.0526	.0789	.7311	.6835
.0200	-1.8267	.2969	1.4401	.1023	-.1536	.8719	.7751
.0265	-1.6457	.2919	1.4520	.1527	-.2385	.6500	.8087
.0306	-1.6647	.2874	1.4624	.2020	-.3169	.6300	.8394
.0364	-1.6359	.2945	1.4457	.2770	-.4046	.6083	.8729
.0418	-1.5395	.3192	1.3887	.3557	-.3854	.6127	.8394
.0769	-1.4515	.3413	1.3407	.4507	-.2675	.6428	.8662
.1019	-1.0019	.4557	1.1215	.5257	-.0943	.6868	.8197
.1518	-.4190	.6039	.8797	.6007	.0593	.7262	.7522
.2019	-.4144	.6052	.8778	.6755	.2898	.6755	.6912
.2519	-.4320	.6014	.8837	.7173	.2469	.7194	.6390
.3018	-.4285	.6017	.8833	.8507	.3522	.7740	.6156
.4018	-.4472	.5970	.8905	.9010	.3557	.8010	.5715
.4519	-.4469	.5964	.8915	.9508	.3053	.8017	.5703
.5020	-.4383	.5944	.8867	1.0000	.1062	.7890	.5912
.5270	-.4426	.5983	.8855			.7388	.6715
.5521	-.4342	.5993	.8870				
.5770	-.4419	.5989	.8876				
.6020	-.4465	.5974	.8900				
.6270	-.4486	.5971	.8904				
.6519	-.4474	.5974	.8900				
.6770	-.4495	.5966	.8912				
.7020	-.4407	.5993	.8869				
.7516	-.4019	.6084	.8728				
.8017	-.3253	.6288	.8413				
.8519	-.2328	.5518	.8059				
.9012	-.1322	.6773	.7668				
.9516	-.0100	.7369	.7161				
1.0000	.1093	.7389	.6723				

PT = 2.5107 TT = 229.5 RUN 73 POINT 8 GRIT ***OFF***
 CM = .5177 CM.25 = -.0962 M,INF = .7138 RC*E06 = 7.02 ALPHA = 2.50

CD2 CD1 CD3 CD4 CD5
 .01470 .01455(-.00015) .01455(-.00014) .01404(-.00066) .01394(-.00076)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01388 .01362(-.00021) .01379(-.00033) .01332(-.00051) .01336(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.0536	.9793	.1728	0.0000	1.0493	.9784	.1767
.0075	-1.1258	.4244	1.1775	.0100	.7820	.9107	.3676
.0101	-1.2226	.4002	1.2227	.0177	.5586	.8536	.4804
.0164	-1.5651	.3109	1.4077	.0526	.1118	.7394	.6706
.0200	-1.8632	.2887	1.4596	.1023	-.1236	.6797	.7631
.0265	-1.6846	.2827	1.4744	.1527	-.2114	.6567	.7984
.0306	-1.7035	.2774	1.4666	.2020	-.2915	.6375	.8279
.0364	-1.6804	.2844	1.4702	.2770	-.3824	.6141	.8640
.0418	-1.5888	.3077	1.4161	.3757	-.3686	.6179	.8381
.0769	-1.5044	.3274	1.3706	.4507	-.2549	.6463	.8173
.1019	-1.4000	.3546	1.3128	.5257	-.0861	.6893	.7483
.1516	-.4631	.5925	.8975	.6007	.0652	.7272	.6897
.2019	-.4610	.6097	.8709	.6755	.1947	.7669	.6367
.2519	-.4284	.6024	.8821	.7173	.2512	.7751	.6139
.3018	-.4331	.6015	.8835	.8507	.3554	.8017	.5704
.4018	-.4546	.5955	.8929	.9010	.3587	.8021	.5696
.4519	-.4568	.5949	.8938	.9508	.3075	.7893	.5908
.5020	-.4458	.5968	.8909	1.0000	.1068	.7390	.6712
.5270	-.4514	.5964	.8915				
.5520	-.4460	.5975	.8898				
.5770	-.4482	.5970	.8906				
.6020	-.4532	.5950	.8936				
.6270	-.4543	.5951	.8934				
.6519	-.4519	.5970	.8905				
.6770	-.4532	.5971	.8904				
.7020	-.4433	.5994	.8868				
.7516	-.4057	.6096	.8710				
.8017	-.3268	.6205	.8417				
.8519	-.2332	.6520	.8056				
.9012	-.1347	.6780	.7637				
.9516	-.0215	.7087	.7184				
1.0000	.1086	.7398	.6699				

ORIGINAL COPY
OF POOR QUALITY

TABLE II.- Continued.

PT = 2.5105 TEST 118 RUN 73 POINT 9 GRIT ***OFF***
 CN = .5778 CM.25 = -.0947 M.INF = .7129 RC*E06 = 7.04 ALPHA = 3.01

CD2 CD1 CD3 CD4 CD5
 .01814 (.1783(-.00031) .01772(-.00041) .01743(-.00071) .01754(-.00060)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01721 (.1652(-.00029) .01690(-.00031) .01669(-.00092) .01694(-.00027)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	.0237	.9716	.2029	0.0000	1.0187	.9706	.2067
.0075	-1.2067	.4038	1.2159	.0100	.8342	.9231	.3396
.0101	-1.2811	.3832	1.2554	.0177	.6186	.8685	.4528
.0164	-1.6326	.2934	1.4484	.0526	.1736	.7570	.6428
.0200	-1.7215	.2716	1.5022	.1023	-.0684	.6933	.7421
.0265	-1.7467	.2633	1.5236	.1527	-.1576	.6710	.7764
.0308	-1.7663	.2593	1.5341	.2020	-.2427	.6497	.8091
.0364	-1.7475	.2648	1.5193	.2770	-.3375	.6239	.8489
.0518	-1.6679	.2858	1.4668	.3757	-.4341	.6270	.8440
.0769	-1.6133	.3044	1.4226	.4507	-.5203	.6538	.8028
.1019	-1.5124	.3251	1.3757	.5257	-.6007	.6947	.7400
.1518	-.8602	.4921	1.0592	.6007	.0775	.7312	.6834
.2019	-.4311	.6018	.8831	.6755	.2037	.7639	.6317
.2519	-.3822	.6109	.8689	.7173	.2595	.7781	.6090
.3018	-.4234	.6043	.8791	.8507	.3618	.8031	.5680
.4018	-.4634	.5946	.8942	.9010	.3633	.8041	.5663
.4519	-.4699	.5934	.8961	.9508	.3106	.7907	.5884
.5020	-.4502	.5949	.8938	1.0000	.1058	.7386	.6718
.5270	-.4651	.5941	.8920				
.5520	-.4570	.5962	.8917				
.5770	-.4580	.5942	.8950				
.6020	-.4626	.5942	.8949				
.6270	-.4635	.5940	.8993				
.6519	-.4599	.5948	.8940				
.6770	-.4508	.5979	.8891				
.7020	-.4492	.5944	.8883				
.7516	-.4062	.6094	.8712				
.8017	-.3310	.6207	.8415				
.8519	-.2374	.6525	.8048				
.9012	-.1377	.6761	.7653				
.9518	-.0149	.7093	.7174				
1.0000	.1079	.7405	.6668				

PT = 2.5102 TEST 118 RUN 73 POINT 10 GRIT ***OFF***
 CN = .6557 CM.25 = -.0910 M.INF = .7130 RC*E06 = 6.97 ALPHA = 3.51

CD2 CD1 CD3 CD4 CD5
 .02232 (.2190(-.00036) .02213(-.00019) .02189(-.00043) .02230(-.00002)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02136 (.0209(-.00036) .02122(-.00014) .02133(-.00003) .02176(.00040)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	.9931	.9647	.7269	0.0000	.9895	.9632	.2319
.0075	-1.2987	.3850	1.519	.0100	.8795	.9352	.3104
.0101	-1.3427	.3699	1.2817	.0177	.6712	.8825	.4258
.0164	-1.7233	.2776	1.4868	.0526	.2292	.7704	.6213
.0200	-1.7824	.2579	1.5377	.1023	-.0216	.7066	.7217
.0265	-1.6203	.2480	1.5644	.1527	-.1086	.6825	.7587
.0308	-1.8365	.2442	1.5748	.2020	-.1988	.6603	.7929
.0364	-1.8176	.2490	1.5618	.2770	-.2977	.6361	.8301
.0518	-1.7517	.2671	1.5137	.3757	-.3011	.6350	.8305
.0769	-1.6838	.2848	1.4690	.4507	-.2099	.6593	.7945
.1019	-1.6058	.3039	1.4236	.5257	-.0536	.6984	.7343
.1516	-1.4766	.3332	1.3581	.6007	.0890	.7351	.6772
.2019	-.7214	.5296	.9974	.6755	.2139	.7670	.6268
.2519	-.4337	.6015	.8836	.7173	.2693	.7798	.6063
.3018	-.3871	.6140	.8642	.8507	.3690	.8047	.5653
.4018	-.4556	.5969	.8906	.9010	.3684	.8061	.5630
.4519	-.4668	.5934	.8961	.9508	.3123	.7922	.5860
.5020	-.4620	.5954	.8930	1.0000	.1050	.7395	.6705
.5270	-.4672	.5944	.8946				
.5520	-.4593	.5942	.8948				
.5770	-.4584	.5936	.8959				
.6020	-.4688	.5938	.8955				
.6270	-.4634	.5941	.8951				
.6519	-.4639	.5933	.8932				
.6770	-.4651	.5944	.8946				
.7020	-.4507	.5975	.8898				
.7516	-.4096	.6082	.8731				
.8017	-.3294	.6269	.8443				
.8519	-.2409	.6523	.8052				
.9012	-.1395	.6764	.7674				
.9516	-.0105	.7067	.7183				
1.0000	.1069	.7396	.6703				

TABLE II.-- Continued.

TEST 118 RUN 73 POINT 12 GRIT ***OFF***
 PT = 2.509P TT = 229.9 M.INF = .7164 RC*E06 = 7.02 ALPHA = 4.01
 CM = .7353 CM.25 = -.0685

CD2 CD1 CD3 CD4 CD5
 .02802 (.02762(-.00040)) .02809(.00006) .02824(.00021) .02892(.00090)
 CDC0R2 CDC0R1 CDC0R3 CDC0R4 CDC0R5
 .02881 .02852(-.00029) .02894(.00012) .02722(.00040) .02807(.00125)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P7	MLOC	X/C	CP	P/P7	MLOC
0.0000	.9665	.9566	.2523	0.0000	.9638	.9559	.2544
.0075	-1.3563	.3657	1.2902	.0100	.9183	.9445	.2864
.0101	-1.2757	.3571	1.3076	.0177	.7196	.8938	.4033
.0164	-1.7451	.2610	1.5294	.0526	.2810	.7816	.6034
.0200	-1.8308	.2429	1.5786	.1023	.0284	.7169	.7056
.0265	-1.8660	.2318	1.6101	.1527	-.0637	.6936	.7416
.0308	-1.8719	.2301	1.6192	.2020	-.1556	.6720	.7749
.0364	-1.8683	.2333	1.6058	.2770	-.2616	.6443	.8175
.0518	-1.7998	.2496	1.5601	.3757	-.2758	.6384	.8266
.0769	-1.7274	.2679	1.5116	.4507	-.1895	.6609	.7919
.1019	-1.6656	.2837	1.4719	.5257	-.0370	.7002	.7315
.1516	-1.5647	.3100	1.4007	.6007	.0995	.7356	.6766
.2019	-1.4475	.3688	1.2840	.6755	.2221	.7668	.6272
.2519	-.7090	.5302	.9964	.7173	.2769	.7796	.6065
.3018	-.4902	.5860	.9077	.8507	.3731	.8043	.5639
.4018	-.4031	.6063	.8761	.9010	.3725	.8065	.5624
.4519	-.4362	.5981	.8889	.9508	.3172	.7910	.5880
.5022	-.4473	.5959	.8923	1.0000	.1023	.7357	.6764
.5270	-.4575	.5932	.8965				
.5520	-.4555	.5930	.8968				
.5770	-.4569	.5914	.8993				
.6020	-.4682	.5427	.8472				
.6270	-.4652	.5910	.8999				
.6519	-.4423	.5911	.8997				
.6770	-.4515	.5929	.8970				
.7020	-.4545	.5935	.8931				
.7516	-.4097	.6039	.8798				
.8017	-.3337	.6263	.8452				
.8519	-.2400	.6483	.8112				
.9012	-.1391	.6732	.7730				
.9516	-.0195	.7058	.7229				
1.0000	.1050	.7374	.6737				

TEST 118 RUN 75 POINT 1 GRIT ***OFF***
 PT = 2.4784 TT = 231.6 M.INF = .7322 RC*E06 = 6.99 ALPHA = .00
 CM = .1695 CM.25 = -.1075

CD2 CD1 CD3 CD4 CD5
 .00987 (.00985(-.00004)) .00977(-.00010) .00936(-.00051) .00889(-.00098)
 CDC0R2 CDC0R1 CDC0R3 CDC0R4 CDC0R5
 .00907 .00909(.00002) .00906(-.00001) .00877(-.00030) .00859(-.00048)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P7	MLOC	X/C	CP	P/P7	MLOC
0.0000	1.1577	1.0043	0.0000	0.0000	1.1572	1.0041	0.0000
.0075	-.4514	.5723	.9292	.0100	.4331	.8133	.9509
.0101	-.0026	.5145	1.0138	.0177	.1899	.7492	.6531
.0164	-.4789	.4414	1.1468	.0526	-.2477	.6351	.8316
.0200	-.0576	.4214	1.1830	.1023	-.4872	.5708	.9315
.0265	-.7110	.5118	1.0265	.1527	-.5392	.5575	.9526
.0308	-.4222	.4555	1.1202	.2020	-.6035	.5409	.9792
.0364	-.4497	.5685	.9353	.2770	-.6803	.5218	1.0101
.0518	-.4531	.5768	.7175	.3757	-.5586	.5328	.9601
.0769	-.4186	.5902	.7012	.4507	-.3726	.6023	.8824
.1019	-.3762	.5466	.8865	.5257	-.1597	.6587	.7954
.1516	-.3305	.6124	.8668	.6007	.0149	.7041	.7255
.2019	-.3017	.5203	.8945	.6755	.1544	.7404	.6690
.2519	-.3692	.6193	.8560	.7173	.2161	.7564	.6438
.3018	-.3114	.6177	.8584	.8507	.3321	.7871	.5944
.4018	-.3481	.6097	.8724	.9010	.3411	.7896	.5903
.4519	-.3863	.6060	.8765	.9508	.2990	.7757	.6079
.5022	-.3815	.6052	.8778	1.0000	.1238	.7322	.6818
.5270	-.3735	.6015	.8835				
.5520	-.3730	.6010	.8842				
.5770	-.3830	.5999	.8876				
.6020	-.3941	.5962	.8918				
.6270	-.4009	.5949	.8937				
.6519	-.4072	.5924	.8976				
.6770	-.4167	.5907	.9003				
.7020	-.4132	.5907	.9004				
.7516	-.3845	.5982	.8886				
.8017	-.3145	.6176	.8986				
.8519	-.2251	.6430	.8241				
.9012	-.1270	.6652	.7618				
.9516	-.0026	.6993	.7329				
1.0000	.1248	.7330	.6806				

GRIT
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 75 POINT 2 GRIT ***OFF***
 PT = 2.4788 TT = 231.6 M,INF = .7319 RC*E06 = 6.95 ALPHA = .99
 CM = .3315 CM.25 = -.1052

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.0000	1.1316	.9975	.0598	0.0000	1.1305	.9971	.0641		
.0075	-.7351	.5058	1.0365	.0100	.6053	.8589	.4708		
.0101	-.9100	.4603	1.1135	.0177	.3658	.7954	.5808		
.0164	-1.2465	.3720	1.2775	.0526	-.0845	.6776	.7663		
.0200	-1.3528	.3436	1.3357	.1023	-.3169	.6156	.8616		
.0265	-1.3474	.3447	1.3334	.1527	-.3889	.5974	.8099		
.0308	-1.3680	.3398	1.3438	.2020	-.4605	.5780	.9203		
.0364	-1.3379	.3475	1.3275	.2770	-.5473	.5554	.9560		
.0516	-1.1901	.3835	1.2547	.3757	-.4852	.5719	.9298		
.0769	-.4605	.5787	.9191	.4507	-.3270	.6133	.8652		
.1019	-.4613	.5776	.9209	.5297	-.1292	.6659	.7843		
.1518	-.4301	.5866	.9068	.6007	.0373	.7091	.7178		
.2019	-.3854	.5978	.8894	.6755	.1740	.7455	.6610		
.2519	-.3891	.5970	.8905	.7173	.2340	.7611	.6363		
.3018	-.3842	.5965	.8882	.8507	.3455	.7904	.5890		
.4018	-.4083	.5919	.8484	.9010	.3511	.7927	.5853		
.4519	-.4149	.5908	.9003	.9508	.3040	.7801	.6057		
.5020	-.4101	.5912	.8995	1.0000	.1175	.7364	.6847		
.5270	-.4177	.5898	.9017						
.5520	-.4148	.5903	.9010						
.5770	-.4216	.5884	.9039						
.6020	-.4302	.5875	.9053						
.6270	-.4347	.5861	.9076						
.6519	-.4370	.5843	.9103						
.6770	-.4422	.5837	.9113						
.7020	-.4304	.5845	.9100						
.7516	-.3999	.5953	.8932						
.8017	-.3226	.6150	.8626						
.8519	-.2204	.6397	.8246						
.9012	-.1263	.6671	.7824						
.9518	-.0037	.6992	.7330						
1.0000	-.1177	.7309	.6839						

TEST 118 RUN 75 POINT 3 GRIT ***OFF***
 PT = 2.4777 TT = 229.7 M,INF = .7348 RC*E06 = 7.0 ALPHA = 1.48
 CM = .4001 CM.25 = -.1032

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
0.0000	1.1141	.9925	.1634	0.0000	1.1118	.9921	.1067		
.0075	-.8355	.4782	1.0828	.0100	.6718	.8759	.4387		
.0101	-1.2905	.3553	1.3114	.0177	.4300	.8135	.5505		
.0164	-1.3200	.3488	1.3248	.0526	-.0127	.6951	.7594		
.0200	-1.4224	.3232	1.3799	.1023	-.2482	.6329	.8349		
.0265	-1.4352	.3195	1.3801	.1527	-.3262	.6124	.8686		
.0308	-1.4478	.3153	1.3976	.2020	-.4029	.5914	.8993		
.0364	-1.4273	.3219	1.3828	.2770	-.4927	.5681	.9358		
.0518	-1.3234	.3473	1.3279	.3757	-.4495	.5797	.9176		
.0769	-1.2174	.3769	1.2677	.4507	-.3037	.6182	.8976		
.1019	-.5241	.5601	.9485	.5257	-.1133	.6683	.7803		
.1518	-.4174	.5883	.9041	.6007	.0491	.7113	.7141		
.2019	-.4014	.5918	.8986	.6755	.1842	.7468	.6590		
.2519	-.4119	.5895	.9023	.7173	.2430	.7625	.6341		
.3018	-.4016	.5905	.9007	.8507	.3521	.7916	.5869		
.4018	-.4318	.5844	.9102	.9010	.3579	.7925	.5856		
.4519	-.4374	.5829	.9126	.9508	.3089	.7796	.6066		
.5020	-.4304	.5849	.9094	1.0000	.1167	.7291	.6867		
.5270	-.4362	.5828	.9127						
.5520	-.4316	.5842	.9103						
.5770	-.4381	.5832	.9121						
.6020	-.4445	.5802	.9166						
.6270	-.4447	.5790	.9187						
.6519	-.4447	.5794	.9180						
.6770	-.4546	.5778	.9206						
.7020	-.4441	.5800	.9170						
.7516	-.4058	.5905	.9007						
.8017	-.3274	.6112	.8685						
.8519	-.2305	.6372	.8284						
.9012	-.1259	.6646	.7863						
.9518	-.0021	.6974	.7359						
1.0000	-.1178	.7291	.6867						

CHARACTERISTICS
OF POOR QUALITY

TABLE II.- Continued.

PT = 2.4809 TT = 227.4 RUN 75 POINT 4 GRIT ***OFF***
 CN = .4348 CM.25 = -.1017 M.INF = .7373 RC*E06 = 7.16 ALPHA = 1.73

CD2 CD1 CD3 CD4 CD5
 .01184 .01169(-.00016) .01163(-.00021) .01117(-.00067) .01094(-.00090)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01113 .01097(-.00016) .01098(-.00014) .01059(-.00053) .01053(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.00000	1.1040	.9901	.1192	0.0000	1.1009	.9894	.1234
.0075	-.8916	.4651	1.1053	.0100	.7629	.8845	.4219
.0101	-1.0292	.4288	1.1695	.0177	.4710	.8235	.5335
.0164	-1.3693	.3384	1.3468	.0526	.0209	.7052	.7239
.0200	-1.4651	.3137	1.4012	.1023	-.2142	.6432	.8191
.0265	-1.4828	.3089	1.4121	.1527	-.2941	.6222	.8513
.0308	-1.4977	.3053	1.4204	.2020	-.3731	.6010	.8830
.0364	-1.4726	.3117	1.4057	.2770	-.4639	.5776	.9209
.0516	-1.3847	.3350	1.3542	.3757	-.4281	.5868	.9064
.0769	-1.2891	.3604	1.3009	.4507	-.2912	.6229	.8505
.1019	-.9031	.4619	1.1108	.5257	-.1050	.6724	.7744
.1516	-.3994	.5945	.8945	.6007	.0951	.7137	.7107
.2019	-.3994	.5949	.8938	.6755	.1863	.7492	.6551
.2519	-.4163	.5931	.9013	.7173	.2473	.7647	.6205
.3018	-.4147	.5903	.9000	.8507	.3556	.7921	.5863
.4018	-.4391	.5839	.9109	.9010	.3606	.7921	.5861
.4514	-.4435	.5834	.9118	.9508	.3115	.7785	.6083
.5020	-.4348	.5846	.9099	1.0000	.1175	.7272	.6896
.5270	-.4426	.5832	.9120				
.5520	-.4377	.5844	.9102				
.5770	-.4426	.5811	.9154				
.6020	-.4519	.5764	.9228				
.6270	-.4555	.5745	.9258				
.6519	-.4557	.5749	.9292				
.6770	-.4593	.5730	.9281				
.7020	-.4515	.5745	.9257				
.7516	-.4101	.5860	.9077				
.8017	-.3274	.6074	.8745				
.8519	-.2302	.6342	.8329				
.9012	-.1241	.6614	.7912				
.9516	.0009	.6947	.7399				
1.0000	.1192	.7271	.6899				

PT = 2.4789 TT = 230.7 RUN 75 POINT 5 GRIT ***OFF***
 CN = .4665 CM.25 = -.1001 M.INF = .7317 RC*E06 = 6.99 ALPHA = 1.97

CD2 CD1 CD3 CD4 CD5
 .01295 .01284(-.00011) .01267(-.00028) .01227(-.00068) .01216(-.00079)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01220 .01217(-.00003) .01195(-.00025) .01169(-.00051) .01168(-.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.00000	1.0928	.9871	.1361	0.0000	1.0907	.9866	.1389
.0075	-.9357	.4524	1.1274	.0100	.7305	.8916	.4077
.0101	-1.0708	.4177	1.1898	.0177	.5014	.8321	.5166
.0164	-1.4050	.3286	1.3680	.0526	.0518	.7136	.7108
.0200	-1.5024	.3047	1.4217	.1023	-.1845	.6313	.8067
.0265	-1.5146	.2998	1.4333	.1527	-.2670	.6300	.8395
.0308	-1.5343	.2957	1.4428	.2020	-.3469	.6090	.8720
.0364	-1.5127	.3022	1.4277	.2770	-.4382	.5849	.9095
.0516	-1.4344	.3239	1.3793	.3757	-.4115	.5918	.8987
.0769	-1.3387	.3480	1.3265	.4507	-.2800	.6265	.8446
.1019	-1.2412	.3734	1.2746	.5257	-.0978	.6746	.7709
.1518	-.4105	.5023	.8979	.6007	.0598	.7156	.7077
.2019	-.3850	.5087	.8878	.6755	.1929	.7504	.6532
.2519	-.4125	.5016	.8989	.7173	.2502	.7661	.6284
.3018	-.4189	.5094	.9017	.8507	.3578	.7944	.5824
.4018	-.4469	.5027	.9129	.9010	.3614	.7948	.5817
.4519	-.4508	.5019	.9142	.9508	.3113	.7823	.6023
.5020	-.4433	.5033	.9120	1.0000	.1145	.7307	.6842
.5270	-.4484	.5016	.9146				
.5520	-.4452	.5034	.9118				
.5770	-.4470	.5028	.9127				
.6020	-.4537	.5004	.9165				
.6270	-.4578	.5003	.9166				
.6519	-.4568	.5008	.9159				
.6770	-.4585	.5077	.9175				
.7020	-.4503	.5016	.9146				
.7516	-.4089	.5923	.8978				
.8017	-.3280	.6142	.8639				
.8519	-.2327	.6383	.8264				
.9012	-.1283	.6668	.7829				
.9516	-.0031	.6993	.7328				
1.0000	.1165	.7308	.6840				

ORIGINAL DOCUMENT
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 75 POINT 6 GRIT ***OFF***
 PT = 2.4796 TT = 229.5 M,INF = .7352 RC*E06 = 7.06 ALPHA = 2.24
 CN = .4968 CM,25 = -.0997

CD2 CD1 CD3 CD4 CD5
 .01435 .01426(-.00013) .01395(-.00038) .01381(-.00051) .01375(-.00058)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01347 .01342(-.00005) .01315(-.00033) .01317(-.00031) .01320(-.00028)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	.00648	.9847	.1482	0.0000	1.0798	.9834	.1543
.0075	-.9746	.4399	1.1495	.0100	.7590	.8984	.3938
.0101	-1.0862	.4101	1.2039	.0177	.5337	.8388	.5069
.0164	-1.4280	.3199	1.3872	.0526	.0658	.7197	.7014
.0200	-1.5061	.2968	1.4463	.1023	-.1535	.6575	.7972
.0265	-1.5381	.2901	1.4563	.1527	-.2396	.6336	.8339
.0308	-1.5547	.2861	1.4659	.2020	-.3217	.6125	.8665
.0364	-1.5244	.2918	1.4922	.2770	-.4173	.5875	.9054
.0518	-1.4568	.3119	1.4052	.3757	-.3968	.5936	.8958
.0769	-1.3728	.3329	1.3588	.4507	-.2692	.6267	.8445
.1019	-1.2948	.3558	1.3102	.5257	-.0896	.6740	.7718
.1518	-.6721	.5169	1.0148	.6007	.0668	.7154	.7080
.2018	-.3619	.6019	.8629	.6755	.1983	.7505	.6530
.2519	-.3864	.5951	.8935	.7173	.2960	.7653	.6296
.3018	-.4116	.5897	.9019	.8507	.3620	.7935	.5840
.4018	-.4515	.5785	.9194	.9010	.3656	.7944	.5824
.4519	-.4591	.5762	.9230	.9508	.3144	.7809	.6045
.5020	-.4514	.5784	.9197	1.0000	.1161	.7284	.6878
.5270	-.4570	.5774	.9212				
.5520	-.4507	.5782	.9200				
.5770	-.4549	.5773	.9213				
.6020	-.4615	.5755	.9242				
.6270	-.4634	.5751	.9248				
.6519	-.4632	.5750	.9249				
.6770	-.4657	.5745	.9257				
.7020	-.4550	.5773	.9213				
.7516	-.4121	.5892	.9028				
.8017	-.3297	.6112	.8685				
.8519	-.2321	.6363	.8298				
.9012	-.1273	.6638	.7875				
.9518	-.0031	.6970	.7364				
1.0000	.1176	.7269	.6871				

TEST 118 RUN 75 POINT 7 GRIT ***OFF***
 PT = 2.4782 TT = 229.8 M,INF = .7325 RC*E06 = 7.02 ALPHA = 2.48
 CN = .5332 CM,25 = -.0978

CD2 CD1 CD3 CD4 CD5
 .01548 .01522(-.00016) .01511(-.00037) .01500(-.00048) .01498(-.00050)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01453 .01439(-.00014) .01425(-.00028) .01421(-.00032) .01436(-.00017)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0710	.9814	.1638	0.0000	1.0681	.9807	.1670
.0075	-1.0209	.4304	1.1666	.0100	.7838	.9056	.3787
.0101	-1.1278	.4020	1.2192	.0177	.5597	.8465	.4932
.0164	-1.4715	.3113	1.4066	.0526	.1131	.7289	.6870
.0200	-1.5501	.2896	1.4575	.1023	-.1276	.6656	.7847
.0265	-1.5745	.2821	1.4759	.1527	-.2141	.6428	.8198
.0308	-1.5988	.2779	1.4862	.2020	-.2983	.6206	.8540
.0364	-1.5629	.2836	1.4721	.2770	-.3931	.5945	.8945
.0518	-1.5037	.3025	1.4270	.3757	-.3809	.5985	.8883
.0769	-1.4315	.3218	1.3431	.4507	-.2592	.6309	.8381
.1019	-1.3490	.3438	1.3355	.5257	-.0833	.6769	.7674
.1518	-1.0059	.4341	1.1600	.6007	.0711	.7180	.7039
.2018	-.3945	.5952	.8533	.6755	.2025	.7522	.6505
.2519	-.3736	.6001	.8857	.7173	.2595	.7673	.6264
.3018	-.4025	.5928	.8971	.8507	.3639	.7948	.5818
.4018	-.4533	.5747	.9176	.9010	.3670	.7954	.5807
.4519	-.4621	.5773	.9218	.9508	.3149	.7824	.6021
.5020	-.4544	.5796	.9177	1.0000	.1147	.7288	.6856
.5270	-.4503	.5778	.9205				
.5520	-.4545	.5790	.9187				
.5770	-.4586	.5778	.9206				
.6020	-.4637	.5761	.9233				
.6270	-.4608	.5765	.9226				
.6519	-.4640	.5774	.9211				
.6770	-.4657	.5764	.9228				
.7020	-.4562	.5797	.9176				
.7516	-.4146	.5916	.8990				
.8017	-.3316	.6128	.8660				
.8519	-.2338	.6381	.8269				
.9012	-.1295	.6648	.7860				
.9518	-.0054	.6586	.7340				
1.0000	.1163	.7298	.6857				

GENERAL TRENDS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 75 POINT 8 GRIT ***DFF***
 PT = 2.4774 TT = 229.6 M,INF = .7331 RC*E06 = 7.04 ALPHA = 2.99
 CN = .6076 CM.25 = -.0946

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.00000	1.0461	.9748	.1909	0.0000	1.0416	.9739	.1945
.0075	-1.1046	.4099	1.2044	.0100	.8326	.9185	.3503
.0101	-1.1922	.3835	1.2548	.0177	.6172	.8611	.4667
.0164	-1.5302	.2958	1.4426	.0526	.1717	.7440	.6634
.0200	-1.6118	.2728	1.4991	.1023	-.0736	.6788	.7645
.0265	-1.6462	.2642	1.5211	.1527	-.1630	.6557	.7999
.0308	-1.6560	.2613	1.5288	.2020	-.2512	.6321	.8362
.0364	-1.6362	.2658	1.5170	.2770	-.3503	.6058	.8769
.0518	-1.5644	.2840	1.4711	.3757	-.3497	.6064	.8759
.0769	-1.4996	.3029	1.4260	.4507	-.2368	.6356	.8308
.1019	-1.4310	.3202	1.3866	.5257	-.0667	.6866	.7616
.1516	-1.3354	.3464	1.3299	.6007	.0838	.7199	.7010
.2019	-.9126	.4574	1.1187	.6757	.2121	.7548	.6463
.2519	-.4327	.5840	.9108	.7173	.2679	.7695	.6229
.3018	-.3579	.6043	.8793	.8507	.3702	.7961	.5795
.4018	-.4303	.5845	.9101	.9010	.3718	.7969	.5783
.4519	-.4527	.5707	.9192	.9508	.3201	.7828	.6015
.5020	-.4510	.5782	.9200	1.0000	.1140	.7294	.6862
.5270	-.4602	.5775	.9211				
.5520	-.4557	.5786	.9193				
.5770	-.4612	.5766	.9225				
.6020	-.4680	.5754	.9243				
.6270	-.4681	.5744	.9258				
.6519	-.4688	.5760	.9235				
.6770	-.4690	.5754	.9243				
.7020	-.4560	.5779	.9205				
.7516	-.4440	.5888	.9034				
.8017	-.3322	.6116	.8679				
.8519	-.2356	.6369	.8288				
.9012	-.1332	.6646	.7863				
.9518	-.0070	.6974	.7356				
1.0000	.1158	.7297	.6858				

TEST 118 RUN 75 POINT 9 GRIT ***DFF***
 PT = 2.4772 TT = 230.8 M,INF = .7352 RC*E06 = 7.00 ALPHA = 3.50
 CN = .6088 CM.25 = -.0926

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0226	.9681	.2155	0.0000	1.0161	.9667	.2202
.0075	-1.1066	.3902	1.2417	.0100	.8746	.9286	.3266
.0101	-1.2413	.3702	1.2811	.0177	.6665	.8741	.4421
.0164	-1.5713	.2802	1.4806	.0526	.2268	.7571	.6426
.0200	-1.6031	.2597	1.5336	.1023	-.0263	.6897	.7477
.0265	-1.6042	.2491	1.5614	.1527	-.1164	.6670	.7826
.0308	-1.7094	.2465	1.5686	.2020	-.2067	.6416	.8216
.0364	-1.6864	.2507	1.5570	.2770	-.3075	.6157	.8616
.0518	-1.6299	.2668	1.5144	.3757	-.3153	.6134	.8650
.0769	-1.5567	.2843	1.4705	.4507	-.2136	.6415	.8217
.1019	-1.4898	.3014	1.4295	.5257	-.0518	.6843	.7559
.1516	-1.4049	.3248	1.3763	.6007	.0950	.7226	.6967
.2019	-1.3321	.3428	1.3374	.6757	.2209	.7559	.6445
.2519	-.8003	.4639	1.1073	.7173	.2764	.7708	.6208
.3018	-.5015	.5641	.9422	.8507	.3766	.7966	.5788
.4018	-.3822	.5970	.8906	.9010	.3777	.7973	.5776
.4519	-.4141	.5886	.9037	.9508	.3225	.7835	.6002
.5020	-.4265	.5845	.9099	1.0000	.1130	.7265	.6877
.5270	-.4415	.5805	.9163				
.5520	-.4431	.5804	.9165				
.5770	-.4490	.5775	.9210				
.6020	-.4592	.5755	.9241				
.6270	-.4654	.5754	.9243				
.6519	-.4660	.5757	.9239				
.6770	-.4641	.5745	.9257				
.7020	-.4574	.5764	.9227				
.7516	-.4176	.5878	.9048				
.8017	-.3326	.6091	.8717				
.8519	-.2370	.6350	.8318				
.9012	-.1354	.6626	.7893				
.9518	-.0093	.6957	.7385				
1.0000	.1146	.7285	.6877				

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TABLE II.- Continued.

PT = 2.4389 TEST 118 RUN 76 POINT 2 GRIT ***OFF***
 CN = .1718 TT = 229.3 M,INF = .7537 RC*E06 = 7.05 ALPHA = .00
 CD2 CD1 CD3 CD4 CD5
 .00996 .00993(-.00003) .00995(-.00001) .00947(-.00049) .00905(-.00091)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00919 .00921(-.00002) .00925(-.00006) .00888(-.00030) .00873(-.00044)

Y/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/P/T	MLOC			CP	P/P/T	MLOC
.0000	1.1664	1.0045	0.0000	0.0000	1.1658	1.0044	0.0000	
.0075	-.4186	.5719	.9298	.0100	.4380	.8052	.5646	
.0101	-.6161	.5174	1.0173	.0177	.1947	7389	.6714	
.0164	-.9103	.4374	1.1541	.0526	-.2362	.6207	.8538	
.0200	-1.0138	.4085	1.2069	.1023	-.4960	.5508	.9633	
.0265	-.7632	.4766	1.0855	.1527	-.5552	.5333	.9911	
.0306	-.9411	.4286	1.1699	.2020	-.6186	.5153	1.0208	
.0364	-.4643	.5587	.9507	.2770	-.7658	.4764	1.0859	
.0518	-.4270	.5690	.9344	.3757	-.5814	.5257	1.0038	
.0769	-.4419	.5754	.9244	.4907	-.3809	.5807	.8230	
.1019	-.3670	.5860	.9076	.5257	-.1667	.6407	.7511	
.1518	-.3214	.5977	.8894	.6007	.0005	.6875	.6912	
.2019	-.2887	.6096	.8771	.6755	.1504	.7262	.6643	
.2519	-.3615	.6032	.8800	.7173	.2121	.7434	.6125	
.3018	-.3051	.6014	.8838	.8507	.3317	.7759	.6082	
.4016	-.3441	.5908	.9003	.9010	.3415	.7786	.6273	
.4519	-.3566	.5883	.9041	.9508	.2967	.7668	.6273	
.5020	-.3628	.5859	.9078	1.0000	.1265	.7199	.7011	
.5270	-.3733	.5828	.9127					
.5520	-.3746	.5829	.9126					
.5770	-.3832	.5803	.9166					
.6020	-.3961	.5768	.9222					
.6270	-.4073	.5735	.9274					
.6519	-.4131	.5723	.9293					
.6770	-.4235	.5697	.9334					
.7020	-.4207	.5708	.9315					
.7516	-.3906	.5794	.9181					
.8017	-.3147	.5997	.8864					
.8519	-.2240	.6242	.8485					
.9012	-.1228	.6524	.8051					
.9518	.0029	.6865	.7527					
1.0000	.1276	.7204	.7003					

PT = 2.4389 TEST 118 RUN 76 POINT 3 GRIT ***OFF***
 CN = .3173 TT = 229.9 M,INF = .7527 RC*E06 = 7.02 ALPHA = 1.00
 CD2 CD1 CD3 CD4 CD5
 .01026 .01009(-.00017) .01018(-.00036) .00967(-.00059) .00931(-.00095)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00958 .00947(-.00011) .00951(-.00037) .00913(-.00046) .00893(-.00065)

Y/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/P/T	MLOC			CP	P/P/T	MLOC
.0000	1.1462	.9989	.0403	0.0000	1.1435	.9984	.0480	
.0075	-.8501	.5096	1.0301	.0100	.6009	.8498	.4873	
.0101	-.8174	.4621	1.1105	.0177	.3640	.7856	.5968	
.0164	-1.1394	.3737	1.2741	.0526	-.0873	.6623	.7899	
.0200	-1.2472	.3443	1.3343	.1023	-.3284	.5960	.8921	
.0265	-1.2487	.3443	1.3344	.1527	-.4650	.5767	.9223	
.0306	-1.2662	.3395	1.3444	.2020	-.4822	.5550	.8966	
.0364	-1.2418	.3458	1.3312	.2770	-.5919	.5258	1.0036	
.0518	-1.1371	.3761	1.2694	.3757	-.5131	.5487	.9666	
.0769	-.6221	.5163	1.0192	.4507	-.3389	.5942	.8949	
.1019	-.4033	.5755	.9242	.5257	-.1344	.6516	.8062	
.1518	-.4296	.5754	.9243	.6007	.0353	.6959	.7331	
.2019	-.3730	.5848	.9096	.6755	.1736	.7333	.6801	
.2519	-.3615	.5831	.9122	.7173	.2334	.7496	.6345	
.3018	-.3781	.5854	.9086	.8507	.3475	.7808	.6046	
.4016	-.4073	.5756	.9240	.9010	.3346	.7827	.6016	
.4519	-.4174	.5748	.9253	.9508	.3077	.7700	.6220	
.5020	-.4128	.5737	.9271	1.0000	.1210	.7194	.7018	
.5270	-.4227	.5706	.9318					
.5520	-.4204	.5709	.9314					
.5770	-.4290	.5688	.9347					
.6020	-.4389	.5659	.9394					
.6270	-.4443	.5647	.9413					
.6519	-.4479	.5642	.9419					
.6770	-.4548	.5617	.9459					
.7020	-.4462	.5641	.9421					
.7516	-.4668	.5749	.9252					
.8017	-.3252	.5978	.8893					
.8519	-.2270	.6245	.8479					
.9012	-.1218	.6538	.8029					
.9518	.0037	.6876	.7510					
1.0000	.1223	.7193	.7019					

TABLE II.- Continued.

PT = 2.4393 TEST 118 RUN 76 POINT 4 GRIT ***OFF***
 CN = .3974 TT = 229.5 M.INF = .7568 RC*E06 = 7.06 ALPHA = 1.50
 CM.25 = -.1029

CD2 CD1 CD3 CD4 CD5
 .01124 .P1110(-.00014) .01102(-.00022) .01067(-.00057) .01043(-.00079)
 CDC042 CDC0R1 CDC0R3 CDC0R4 CDC0R5
 .01050 .01043(-.00006) .01029(-.00021) .01010(-.00040) .01004(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
.0000	1.1307	.9945	.0886	0.0000	1.1290	.9940	.0929
.0075	-.7337	.4833	1.0742	.0100	.8659	.8670	.4556
.0101	-.8870	.4417	1.1463	.0177	.4338	.8035	.5673
.0164	-1.2156	.3518	1.3186	.0526	-.0161	.6801	.7624
.0200	-1.3094	.3255	1.3747	.1023	-.2583	.6129	.8658
.0265	-1.3274	.3206	1.3857	.1527	-.3412	.5919	.8984
.0308	-1.3430	.3168	1.3942	.2020	-.4240	.5689	.9346
.0364	1.3209	.3224	1.3817	.2770	-.5321	.5331	.9821
.0518	-1.2373	.3456	1.3316	.3757	-.4812	.5511	.9596
.0769	-1.1461	.3699	1.2217	.4507	-.3185	.5976	.8896
.1019	-1.0492	.3957	1.2312	.5257	-.1184	.6524	.8050
.1518	-.3662	.5851	.9091	.6007	.0483	.6979	.7350
.2019	-.3671	.5847	.9098	.6755	.1853	.7357	.6764
.2519	-.3945	.5768	.9222	.7173	.2448	.7518	.6510
.3018	-.4010	.5791	.9249	.8507	.3555	.7819	.6029
.4018	-.4361	.5654	.9401	.9010	.3612	.7834	.6004
.4519	-.4446	.5631	.9438	.9508	.3123	.7706	.6211
.5020	-.4376	.5648	.9410	1.0000	.1201	.7174	.7049
.5270	-.4443	.5633	.9434				
.5520	-.4420	.5637	.9428				
.5770	-.4474	.5617	.9460				
.6020	-.4574	.5590	.9303				
.6270	-.4634	.5583	.9513				
.6519	-.4641	.5572	.9531				
.6770	-.4710	.5554	.9560				
.7020	-.4612	.5576	.9525				
.7518	-.4166	.5694	.9337				
.8017	-.3014	.5546	.9573				
.8519	-.2292	.6208	.8536				
.9012	-.1210	.6502	.8083				
.9511	.0036	.6855	.7542				
1.0000	.1210	.7177	.7045				

PT = 2.4388 TEST 118 RUN 76 POINT 5 GRIT ***OFF***
 CN = .4690 TT = 229.9 M.INF = .7324 RC*E06 = 7.02 ALPHA = 2.01
 CM.25 = -.1014

CD2 CD1 CD3 CD4 CD5
 .01321 .P1326(-.00005) .01311(-.00010) .01294(-.00027) .01279(-.00042)
 CDC042 CDC0R1 CDC0R3 CDC0R4 CDC0R5
 .01226 .01242(-.00016) .01223(-.00033) .01221(-.00005) .01222(-.00004)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1101	.9893	.1238	0.0000	1.1070	.9884	.1289
.0075	-.8467	.4577	1.1161	.0100	.7240	.8839	.4231
.0101	-.4699	.4225	1.1810	.0177	.4969	.8221	.5389
.0164	-1.3022	.3323	1.3660	.0526	.0476	.6992	.7331
.0200	-1.3020	.3069	1.4168	.1023	-.1940	.6336	.8359
.0265	-1.4143	.3007	1.4311	.1527	-.2811	.6096	.8709
.0308	-1.4292	.2974	1.4389	.2020	-.3661	.5867	.9067
.0364	-1.4078	.3026	1.4266	.2770	-.4723	.5587	.9507
.0518	-1.3357	.3224	1.3811	.3757	-.4408	.5659	.9394
.0769	-1.2542	.3428	1.3374	.4507	-.2931	.6063	.8761
.1019	-1.1813	.3644	1.2927	.5257	-.1022	.6582	.7961
.1518	-.8886	.4439	1.1424	.6007	.0594	.7025	.7200
.2019	-.3429	.5930	.8968	.6755	.1953	.7391	.6710
.2519	-.3666	.5875	.9054	.7173	.2534	.7533	.6455
.3018	-.3924	.5791	.9185	.8507	.3613	.7849	.5980
.4018	-.4454	.5647	.9413	.9010	.3660	.7864	.5955
.4519	-.4583	.5610	.9471	.9508	.3161	.7726	.6179
.5020	-.4526	.5623	.9443	1.0000	.1184	.7192	.7021
.5270	-.4580	.5666	.9477				
.5520	-.4544	.5620	.9455				
.5770	-.4536	.5608	.9473				
.6020	-.4675	.5592	.9500				
.6270	-.4711	.5579	.9520				
.6519	-.4724	.5583	.9514				
.6770	-.4754	.5565	.9543				
.7020	-.4656	.5589	.9504				
.7518	-.4187	.5718	.9300				
.8017	-.3324	.5960	.8922				
.8519	-.2320	.6234	.8496				
.9012	-.1290	.6526	.8047				
.9511	.0014	.6869	.7520				
1.0000	.1201	.7190	.7024				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 76 POINT 6 GRIT ***OFF***
 PT = 2.4388 TT = 230.0 M, INF = .7502 RC*E06 = 7.00 ALPHA = 2.10
 CN = .5054 CM, 25 = -.0496

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.0075	1.0093	.9866	.1387	0.0000	1.0943	.9851	.1463		
.0161	-.8960	.4438	1.1426	.0100	.7534	.8921	.4066		
.0164	-1.0092	.4125	1.1995	.0177	.5283	.8311	.5204		
.0200	-1.3451	.3227	1.3809	.0526	.0784	.7093	.7175		
.0265	-1.4324	.2981	1.4373	.1023	-.1620	.6444	.8174		
.0308	-1.4548	.2907	1.4550	.1527	-.2498	.6193	.8559		
.0364	-1.4690	.2873	1.4630	.2020	-.3365	.5959	.8922		
.0418	-1.4535	.2923	1.4510	.2770	-.4417	.5670	.9377		
.0476	-1.3827	.3111	1.4070	.3757	-.4208	.5723	.9292		
.0769	-1.3125	.3315	1.3618	.4507	-.2805	.6107	.8693		
.1019	-1.2425	.3511	1.3200	.5257	-.0941	.6619	.7904		
.1516	-1.1423	.3764	1.2686	.6007	.0632	.7054	.7235		
.2019	-.4357	.5689	.9345	.6755	.1994	.7420	.6664		
.2519	-.3434	.5937	.8956	.7173	.2976	.7576	.6419		
.3018	-.3696	.5862	.9073	.8507	.3650	.7864	.5955		
.4018	-.4438	.5662	.9388	.9010	.3681	.7876	.5936		
.4519	-.4601	.5624	.9449	.9598	.3163	.7742	.6133		
.5020	-.4556	.5638	.9426	1.0000	.1175	.7197	.7014		
.5270	-.4617	.5624	.9448						
.5520	-.4590	.5627	.9444						
.5770	-.4620	.5612	.9467						
.6020	-.4719	.5591	.9501						
.6270	-.4738	.5599	.9489						
.6519	-.4736	.5590	.9503						
.6770	-.4766	.5585	.9510						
.7020	-.4631	.5616	.9462						
.7516	-.4292	.5735	.9273						
.8017	-.3335	.5778	.8892						
.8519	-.2333	.6254	.8465						
.9012	-.1248	.6542	.8023						
.9514	-.0007	.6880	.7503						
1.0000	.1195	.7203	.7001						

TEST 118 RUN 76 POINT 7 GRIT ***OFF***
 PT = 2.4391 TT = 229.1 M, INF = .7541 RC*E06 = 7.00 ALPHA = 2.50
 CN = .5434 CM, 25 = -.0495

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.0075	1.0947	.9835	.1540	0.0000	1.0882	.9828	.1572		
.0161	-.9129	.4346	1.1591	.0100	.7794	.8973	.3961		
.0164	-1.0218	.4040	1.2154	.0177	.5540	.8366	.5108		
.0200	-1.3496	.3149	1.3985	.0526	.1071	.7143	.7097		
.0265	-1.4416	.2917	1.4524	.1023	-.1338	.6479	.8120		
.0308	-1.4654	.2836	1.4716	.1527	-.2288	.6222	.8515		
.0364	-1.4715	.2807	1.4792	.2020	-.3144	.5984	.8880		
.0418	-1.4654	.2849	1.4688	.2770	-.4232	.5687	.9349		
.0476	-1.3951	.3030	1.4258	.3757	-.4090	.5730	.9281		
.0769	-1.3305	.3208	1.3852	.4507	-.2713	.6103	.8699		
.1019	-1.2611	.3348	1.3439	.5257	-.0865	.6603	.7934		
.1516	-1.1749	.3631	1.2954	.6007	.0708	.7047	.7246		
.2019	-.4919	.4327	1.1629	.6755	.2046	.7410	.6681		
.2519	-.4004	.5754	.8244	.7173	.2607	.7562	.6441		
.3018	-.3378	.5925	.8976	.8507	.3682	.7859	.5964		
.4018	-.4215	.5641	.9342	.9010	.3718	.7865	.5954		
.4519	-.4440	.5607	.9476	.9598	.3208	.7730	.6173		
.5020	-.4547	.5610	.9471	1.0000	.1195	.7183	.7035		
.5270	-.4628	.5583	.9514						
.5520	-.4594	.5589	.9504						
.5770	-.4645	.5580	.9519						
.6020	-.4730	.5550	.9567						
.6270	-.4769	.5547	.9571						
.6519	-.4779	.5550	.9566						
.6770	-.4815	.5533	.9598						
.7020	-.4718	.5557	.9559						
.7516	-.4235	.5697	.9333						
.8017	-.3346	.5937	.8957						
.8519	-.2325	.6212	.8536						
.9012	-.1265	.6515	.8064						
.9514	-.0006	.6858	.7537						
1.0000	.1211	.7180	.7039						

ORDER OF POINTS

TABLE II.- Continued.

TEST 118 RUN 76 POINT 8 GRIT ***OFF***
 PT = 2.4386 TT = 230.6 M,INF = .7533 RC*E06 = 8.99 ALPHA = 3.00
 CN = .6318 CM,25 = -.0964

CD2 CD1 CD3 CD4 CD5
 .02683 .C2CH6(.00003) .J2688(.00005) .02162(.00078) .02077(-.00007)
 CDC0R2 CDC0R1 CDC0R3 CDC0R4 CDC0R5
 .61945 .02601(.00056) .01956(.00011) .02646(.00101) .02014(.00070)

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.0000	1.0692	.9781	.1779	0.0000	1.0640	.9765	.1844		
.0075	-.9941	.4145	1.1959	.0100	.8250	.9115	.3657		
.0101	-1.0052	.5867	1.2447	.0177	.6083	.8520	.4834		
.0164	-1.4207	.2993	1.4344	.0526	-.1672	.7307	.6843		
.0260	-1.4951	.2760	1.4911	.1023	-.0855	.6621	.7902		
.0265	-1.5374	.2676	1.5124	.1527	-.1743	.6380	.8272		
.0308	-1.5393	.2645	1.5203	.2020	-.2665	.6135	.8653		
.0364	-1.5229	.2684	1.5103	.2774	-.3756	.5837	.9114		
.0518	-1.4693	.2842	1.4705	.3757	-.4682	.5835	.9116		
.0769	-1.4003	.3014	1.4296	.4507	-.5279	.6172	.8592		
.1019	-1.3420	.3185	1.3905	.5257	-.6700	.6669	.7828		
.1518	-1.2587	.3416	1.3401	.6007	-.8837	.7074	.7204		
.2019	-1.1990	.3587	1.3044	.6755	-.9219	.7436	.6640		
.2519	-1.0527	.3988	1.2252	.7173	-.9707	.7595	.6388		
.3018	-.4894	.5503	.7641	.8507	.3725	.7885	.5921		
.4018	-.3616	.5861	.9076	.9010	.3767	.7889	.5914		
.4519	-.4645	.5755	.9241	.9508	.3250	.7749	.6142		
.5020	-.4189	.5696	.9334	1.0000	.1197	.7184	.7034		
.5270	-.4347	.5656	.9398						
.5520	-.4428	.5645	.9415						
.5770	-.4562	.5623	.9449						
.6020	-.4653	.5591	.9501						
.6270	-.4711	.5576	.9524						
.6519	-.4731	.5564	.9544						
.6770	-.4777	.5560	.9550						
.7020	-.4683	.5595	.9494						
.7518	-.4221	.5722	.9294						
.8017	-.3367	.5944	.8946						
.8519	-.2351	.6214	.8519						
.9012	-.1282	.6503	.8083						
.9518	-.0086	.6835	.7572						
1.0000	.1209	.7193	.7019						

TEST 118 RUN 77 POINT 1 GRIT ***OFF***
 PT = 2.4016 TT = 228.6 M,INF = .7750 RC*E06 = 7.08 ALPHA = .00
 CN = .1932 CM,25 = -.1054

CD2 CD1 CD3 CD4 CD5
 .01144 .01123(-.00020) .01146(.00032) .01101(-.00042) .01035(-.00108)
 CDC0R2 CDC0R1 CDC0R3 CDC0R4 CDC0R5
 .01065 .01050(-.00015) .01074(.00008) .01040(-.00025) .00993(-.00073)

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
0.0000	1.1766	1.0049	0.2000	0.0000	1.1735	1.0090	0.0000		
.0075	-.3769	.5693	.9360	.0100	.4530	.8011	.5714		
.0101	-.5644	.5125	1.0254	.0177	-.2166	.7328	.6809		
.0164	-.8577	.4285	1.1701	.0526	-.2172	.6103	.8698		
.0260	-.4681	.3972	1.2283	.1023	-.4884	.5333	.9915		
.0265	-.6447	.4351	1.1582	.1527	-.5614	.5130	1.0246		
.0308	-.4415	.4032	1.2226	.2020	-.6224	.4949	1.0546		
.0364	-.7341	.4635	1.1080	.2774	-.7732	.4527	1.1269		
.0518	-.3879	.5615	.9463	.3757	-.9478	.4017	1.2197		
.0769	-.4028	.5578	.9521	.4507	-.9328	.5634	.9402		
.1019	-.3725	.5661	.9390	.5257	-.1536	.6241	.8625		
.1518	-.3262	.5776	.9178	.6007	.0062	.6735	.7726		
.2019	-.2934	.5862	.9043	.6755	.1593	.7151	.7085		
.2519	-.3064	.5849	.9095	.7173	.2169	.7329	.6807		
.3018	-.3113	.5824	.9133	.8507	.3333	.7657	.6290		
.4018	-.3566	.5700	.9329	.9010	.3421	.7683	.6248		
.4519	-.3734	.5656	.9395	.9508	.3004	.7565	.6436		
.5020	-.3778	.5640	.9423	1.0000	.1274	.7085	.7187		
.5270	-.3882	.5609	.9472						
.5520	-.3897	.5611	.9470						
.5770	-.4004	.5574	.9528						
.6020	-.4171	.5532	.9596						
.6270	-.4254	.5507	.9635						
.6519	-.4352	.5496	.9653						
.6770	-.4478	.5493	.9721						
.7020	-.4470	.5469	.9696						
.7518	-.4658	.5581	.9517						
.8017	-.3215	.5820	.9140						
.8519	-.2220	.6047	.8724						
.9012	-.1193	.6389	.8257						
.9518	.0079	.6745	.7711						
1.0000	.1295	.7086	.7185						

ORIGINAL PRINT
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 77 POINT 2 GRIT ****OFF***
PT = 2.4021 TT = 229.7 M,INF = .7726 RC*E06 = 7.03 ALPHA = 1.00
CN = .3242 CM,25 = -.1075

CD2 CD1 CD3 CD4 CD5
.C1089 .C1079(-.00009) .C1076(-.00012) .C1029(-.00006) .C0987(-.00101)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.C1002 .C0998(-.00004) .C0997(-.00005) .C0959(-.00043) .C0944(-.00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.1572	.9996	.0226	0.0000	1.1557	.9991	.0352
.0075	-.5731	.9167	1.0283	.0100	.8027	.8432	.4991
.0101	-.7490	.4630	1.1089	.0177	.3682	.7767	.6112
.0164	-1.0606	.3736	1.2743	.0526	-.0814	.6506	.8078
.0200	-1.1757	.3436	1.3357	.1023	-.3308	.5797	.9176
.0265	-1.1745	.3419	1.3394	.1527	-.4146	.3559	.9354
.0306	-1.1929	.3380	1.3476	.2020	-.4996	.3321	.9334
.0364	-1.1772	.3426	1.3379	.2770	-.6559	.4673	1.0674
.0516	-1.0791	.3680	1.2856	.3757	-.5761	.5093	1.0306
.0769	-.6761	.3984	1.2260	.4507	-.3430	.5760	.9234
.1019	-.5947	.5052	1.0374	.5257	-.1336	.6350	.8318
.1518	-.3639	.5701	.9327	.6007	.0376	.6828	.7554
.2019	-.3611	.5711	.9311	.6755	.1764	.7218	.6981
.2519	-.3802	.5652	.9405	.7173	.2370	.7592	.6708
.3018	-.3843	.5636	.9430	.8507	.3514	.7713	.6200
.4018	-.4243	.5531	.9597	.9010	.3986	.7738	.6159
.4519	-.4372	.5493	.9658	.9508	.3120	.7601	.6380
.5020	-.4318	.5500	.9646	1.0000	.1230	.7071	.7209
.5270	-.4425	.5486	.9700				
.5520	-.4403	.5477	.9653				
.5770	-.4443	.5449	.9728				
.6020	-.4611	.5422	.9771				
.6270	-.4674	.5393	.9818				
.6519	-.4747	.5380	.9838				
.6770	-.4641	.5338	.9906				
.7020	-.4752	.5369	.9856				
.7516	-.4233	.5518	.9618				
.8017	-.3305	.5789	.9189				
.8519	-.2256	.6089	.8720				
.9012	-.1168	.6394	.8243				
.9518	.0096	.6756	.7694				
1.0000	.1253	.7067	.7216				

TEST 118 RUN 77 POINT 3 GRIT ****OFF***
PT = 2.4019 TT = 224.5 M,INF = .7750 RC*E06 = 7.09 ALPHA = 1.51
CN = .4069 CM,25 = -.1053

CD2 CD1 CD3 CD4 CD5
.C1189 .C1174(-.00010) .C1172(-.00013) .C1162(-.00027) .C1138(-.00051)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.C1164 .C1161(-.00033) .C1198(-.00008) .C1095(-.00008) .C1085(-.00018)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.1455	.9959	.0761	0.0000	1.1430	.9953	.0820
.0075	-.8528	.4860	1.0696	.0100	.8664	.8601	.4886
.0101	-.8600	.4435	1.1431	.0177	.4356	.7843	.5824
.0164	-1.1205	.3533	1.3156	.0526	-.0127	.6672	.7823
.0200	-1.2114	.3260	1.3736	.1023	-.2629	.5965	.8913
.0265	-1.2355	.3207	1.3855	.1527	-.3518	.5716	.9303
.0306	-1.2443	.3174	1.3929	.2020	-.4410	.5471	.9693
.0364	-1.2283	.3214	1.3839	.2770	-.5824	.5079	1.0329
.0516	-1.1564	.3422	1.3388	.3757	-.5196	.5246	1.0056
.0769	-1.0412	.3643	1.2936	.4507	-.3251	.5794	.9180
.1019	-1.0097	.3847	1.2524	.5257	-.1178	.6388	.8259
.1518	-.8574	.4283	1.1764	.6007	.0506	.6864	.7328
.2019	-.3129	.5833	.9119	.6755	.1883	.7252	.6928
.2519	-.3512	.5733	.9277	.7173	.2480	.7422	.6662
.3018	-.3797	.5642	.9420	.8507	.3604	.7736	.6162
.4018	-.4433	.5459	.9711	.9010	.3661	.7744	.6150
.4519	-.4605	.5414	.9776	.9508	.3175	.7612	.6362
.5020	-.4549	.5434	.9751	1.0000	.1237	.7069	.7218
.5270	-.4617	.5412	.9780				
.5520	-.4597	.5420	.9774				
.5770	-.4680	.5389	.9823				
.6020	-.4745	.5342	.9900				
.6270	-.4800	.5333	.9914				
.6519	-.4845	.5327	.9923				
.6770	-.4944	.5306	.9958				
.7020	-.4846	.5339	.9906				
.7516	-.4273	.5496	.9652				
.8017	-.3317	.5774	.9211				
.8519	-.2282	.6070	.8750				
.9012	-.1165	.6384	.8265				
.9518	.0097	.6743	.7714				
1.0000	.1261	.7067	.7215				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 77 POINT 4 GRIT ***OFF***
 PT = 2.4019 TT = 229.6 M. INF = .7714 RC*E06 = 7.02 ALPHA = 1.76
 CM = .4372 CM.25 = -.1041
 CD2 CD1 CD3 CD4 CD5
 .01279 .01280(.00001) .01277(-.00002) .01289(-.00010) .01241(-.00038)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01176 .01184(.00009) .01176(-.00000) .01188(.00013) .01176(.00000)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
.00000	1.1345	.9334	.0971	0.0000	1.1331	.9929	.1011
.0075	-.7651	.4741	1.0898	.0100	.0925	.8693	.4514
.0101	-.0574	.4325	1.1628	.0177	.4630	.8048	.5651
.0164	-1.1730	.3435	1.3360	.0526	.0116	.6772	.7669
.0200	-1.2649	.3166	1.3945	.1023	-.2313	.6085	.5726
.0265	-1.2910	.3113	1.4066	.1527	-.3213	.5828	.9127
.0368	-1.3002	.3078	1.4145	.2020	-.4111	.5583	.9516
.0364	-1.2834	.3125	1.4034	.2770	-.5431	.5212	1.0111
.0518	-1.2179	.3317	1.3612	.3757	-.4894	.5385	.9031
.0764	-1.1374	.3537	1.3147	.4507	-.3151	.5859	.9079
.1019	-1.0691	.3725	1.2765	.5257	-.1120	.6431	.0193
.1518	-.9814	.3967	1.2293	.6007	.0560	.6896	.7478
.2019	-.8632	.4717	.9301	.6755	.1924	.7278	.6800
.2519	-.7296	.5615	.9146	.7173	.2515	.7445	.6021
.3018	-.5738	.5709	.9315	.8507	.3628	.7735	.6132
.4018	-.4435	.5498	.9649	.9610	.3684	.7778	.6035
.4519	-.4620	.5445	.9734	.9588	.3186	.7637	.6321
.5020	-.4563	.5452	.9723	1.0000	.1226	.7090	.7170
.5270	-.4654	.5422	.9771				
.5520	-.4624	.5438	.9746				
.5770	-.4694	.5407	.9795				
.6020	-.4804	.5388	.9825				
.6270	-.4437	.5373	.9850				
.6519	-.4872	.5376	.9845				
.6770	-.4931	.5344	.9896				
.7020	-.4824	.5385	.9830				
.7516	-.4278	.5532	.9595				
.8017	-.3333	.5407	.9161				
.8519	-.2270	.6100	.8763				
.9012	-.1101	.6400	.8231				
.9518	.0077	.6763	.7683				
1.0000	.1248	.7087	.7184				

TEST 118 RUN 77 POINT 5 GRIT ***OFF***
 PT = 2.4017 TT = 228.9 M. INF = .7722 RC*E06 = 7.03 ALPHA = 2.01
 CM = .4797 CM.25 = -.1020
 CD2 CD1 CD3 CD4 CD5
 .01387 .01390(.00012) .01340(.00002) .01414(.00026) .01381(-.00006)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01277 .01290(.00022) .01293(.00006) .01327(.00050) .01310(.00033)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1286	.9416	.1098	0.0000	1.1240	.9903	.1180
.0075	-.7474	.4622	1.1103	.0100	.7194	.8765	.4375
.0101	-.0781	.4260	1.1746	.0177	.4930	.8127	.5327
.0164	-1.1564	.3349	1.3544	.0526	.0428	.6853	.7544
.0200	-1.2987	.3082	1.4137	.1023	-.2032	.6162	.6600
.0265	-1.3196	.3024	1.4271	.1527	-.2932	.5911	.8998
.0368	-1.3206	.2990	1.4350	.2020	-.3858	.5644	.9417
.0364	-1.3142	.3038	1.4238	.2770	-.5132	.5284	.9994
.0518	-1.2470	.3214	1.3839	.3757	-.4739	.5386	.9828
.0764	-1.1752	.3418	1.3397	.4507	-.3047	.5878	.9849
.1019	-1.1110	.3603	1.3011	.5257	-.1640	.6431	.0193
.1518	-.9834	.3824	1.2570	.6007	.0613	.6904	.7466
.2019	-.8605	.4316	1.1845	.6755	.1979	.7283	.6879
.2519	-.7262	.5755	.9241	.7173	.2567	.7454	.6012
.3018	-.5761	.5864	.9165	.8507	.3671	.7761	.6122
.4018	-.4444	.5528	.9601	.9610	.3711	.7779	.6035
.4519	-.4560	.5437	.9748	.9588	.3219	.7635	.6325
.5020	-.4602	.5433	.9754	1.0000	.1227	.7084	.7180
.5270	-.4660	.5464	.9800				
.5520	-.4682	.5407	.9795				
.5770	-.4745	.5382	.9836				
.6020	-.4853	.5364	.9865				
.6270	-.4913	.5337	.9904				
.6519	-.4926	.5353	.9863				
.6770	-.4971	.5336	.9906				
.7020	-.4855	.5377	.9844				
.7516	-.4244	.5527	.9662				
.8017	-.3342	.5749	.9173				
.8519	-.2243	.6044	.8720				
.9012	-.1144	.6404	.8235				
.9518	.0067	.6759	.7695				
1.0000	.1247	.7090	.7180				

ORIGINAL FILED
OF POOR QUALITY

TABLE II.- Continued.

PT = 2.4021 TT = 230.4 RUN 77 POINT 6 GRIT ***OFF***
 CM = .5173 CM.25 = -.1014 M.INF = .7698 RC*E06 = 0.98 ALPHA = 2.23

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.1150	.9883	.1256	0.0000	1.1135	.9876	.1333
.0075	-.7955	.4508	1.1302	.0100	.7455	.8848	.4214
.0101	-.9036	.4205	1.1840	.0177	.9207	.8219	.9363
.0164	-1.2463	.3261	1.3734	.0526	.0712	.6961	.7378
.0200	-1.3258	.3013	1.4297	.1023	-.1744	.6255	.8464
.0265	-1.3616	.2942	1.4465	.1527	-.2655	.6000	.8859
.0304	-1.3643	.2909	1.4543	.2020	-.3584	.5742	.9263
.0364	-1.3460	.2956	1.4431	.2770	-.4789	.5384	.9432
.0518	-1.2489	.3122	1.4046	.3757	-.4539	.5471	.9692
.0769	-1.2275	.3325	1.3584	.4507	-.2924	.5921	.8982
.1019	-1.1966	.3494	1.3237	.5257	-.0965	.6479	.8120
.1518	-1.0804	.3769	1.2797	.6007	.0674	.6939	.7412
.2019	-1.0142	.3899	1.2423	.6755	.2027	.7319	.6824
.2519	-.9548	.5170	1.0179	.7173	.2610	.7486	.6562
.3018	-.8275	.5826	.9130	.8507	.3595	.7786	.6092
.4018	-.4621	.5612	.9467	.9010	.3737	.7799	.6001
.4518	-.4416	.5509	.9631	.9508	.3244	.7652	.6297
.5020	-.4534	.5476	.9684	1.0000	.1240	.7095	.7171
.5270	-.4630	.5449	.9717				
.5520	-.4649	.5448	.9728				
.5770	-.4721	.5421	.9772				
.6020	-.4835	.5391	.9820				
.6270	-.4970	.5360	.9862				
.6519	-.4906	.5367	.9859				
.6770	-.4842	.5370	.9855				
.7020	-.4884	.5384	.9831				
.7518	-.4315	.5541	.9580				
.8017	-.3341	.5801	.9164				
.8519	-.2302	.6104	.8692				
.9012	-.1216	.6417	.8215				
.9518	.0657	.6768	.7576				
1.0000	.1255	.7107	.7154				

PT = 2.4014 TT = 224.5 RUN 77 POINT 6 GRIT ***OFF***
 CM = .5704 CM.25 = -.1005 M.INF = .7729 RC*E06 = 7.03 ALPHA = 2.51

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.1042	.9884	.1397	0.0000	1.1047	.9848	.1479
.0075	-.8261	.4393	1.1507	.0100	.7728	.8907	.4096
.0101	-.9455	.4070	1.2097	.0177	.9509	.8288	.9243
.0164	-1.2658	.3163	1.3908	.0526	.1040	.7015	.7296
.0200	-1.3445	.2929	1.4497	.1023	-.1434	.6310	.8379
.0265	-1.3692	.2855	1.4671	.1527	-.2377	.6063	.8761
.0304	-1.3464	.2827	1.4742	.2020	-.3249	.5800	.9171
.0364	-1.3626	.2866	1.4648	.2770	-.4331	.5444	.9735
.0518	-1.3140	.3028	1.4262	.3757	-.4352	.5913	.9624
.0769	-1.2437	.3201	1.3968	.4507	-.2810	.5932	.8964
.1019	-1.1818	.3372	1.3697	.5257	-.0865	.6487	.8107
.1518	-1.0745	.3574	1.3066	.6007	.0735	.6943	.7405
.2019	-1.0291	.3742	1.2731	.6755	.2075	.7321	.6821
.2519	-1.0064	.3879	1.2461	.7173	.2657	.7489	.6557
.3018	-.9861	.5089	1.0314	.8507	.3728	.7789	.6076
.4018	-.5440	.5754	.9243	.9010	.3778	.7799	.6077
.4518	-.4396	.5621	.9453	.9508	.3268	.7649	.6353
.5020	-.4222	.5546	.9572	1.0000	.1247	.7083	.7190
.5270	-.4445	.5491	.9660				
.5520	-.4468	.5477	.9682				
.5770	-.4609	.5440	.9742				
.6020	-.4714	.5367	.9820				
.6270	-.4825	.5301	.9864				
.6519	-.4881	.5334	.9860				
.6770	-.4844	.5330	.9819				
.7020	-.4824	.5367	.9860				
.7518	-.4332	.5514	.9625				
.8017	-.3362	.5790	.9187				
.8519	-.2246	.6064	.8752				
.9012	-.1216	.6374	.8272				
.9518	.0647	.6751	.7702				
1.0000	.1286	.7084	.7188				

ORIGINAL FILE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 78 POINT 1 GRIT ***OFF***
 PT = 2.3776 TT = 228.6 M,INF = .7953 RC*E06 = 7.10 ALPHA = -.02
 CM = .1512 CM,25 = -.1034

CD2 CD1 CD3 CD4 CD5
 .C1545 .01904(-.00041) .01503(-.00038) .01504(-.00041) .01419(-.00130)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01460 .01426(-.00035) .01508(-.00048) .01441(-.00019) .01368(-.00092)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1839	1.0047	0.0090	0.0000	1.1836	1.0047	0.0000
.0075	-.5075	.5641	.9421	.0100	.4726	.7972	.5776
.0101	-.5151	.5088	1.0314	.0177	.2365	.7281	.6883
.0164	-.4080	.4232	1.1798	.0526	-.1959	.6024	.8822
.0200	-.4166	.3906	1.2409	.1023	-.4724	.5212	1.0112
.0245	-.8747	.4042	1.2151	.1527	-.5532	.4975	1.0503
.0306	-.9252	.3891	1.2438	.2020	-.8179	.4791	1.0812
.0364	-.8638	.4061	1.2116	.2770	-.7605	.4362	1.1562
.0518	-.3438	.5587	.9507	.3757	-.9476	.3822	1.2574
.0769	-.3926	.5450	.9725	.4507	-.4662	.5223	1.0093
.1019	-.3744	.5498	.9649	.5257	-.2035	.5992	.8872
.1518	-.3308	.5624	.9449	.6007	-.0071	.6564	.7989
.2019	-.2959	.5730	.9281	.6755	.1525	.7027	.7277
.2519	-.3115	.5675	.9369	.7173	.2139	.7213	.6988
.3018	-.3179	.5661	.9390	.8507	.3252	.7535	.6484
.4018	-.3682	.5509	.9632	.9010	.3352	.7564	.6437
.4519	-.3699	.5447	.9731	.9308	.2956	.7449	.6619
.5020	-.3926	.5437	.9747	1.0000	.1290	.6971	.7363
.5270	-.4045	.5396	.9617				
.5520	-.4009	.5395	.9815				
.5770	-.4210	.5353	.9882				
.6020	-.4377	.5305	.9960				
.6270	-.4526	.5262	1.0029				
.6519	-.4610	.5251	1.0048				
.6770	-.4795	.5188	1.0151				
.7020	-.4765	.5194	1.0140				
.7516	-.4232	.5343	.9897				
.8017	-.3230	.5647	.9412				
.8519	-.2174	.5946	.8944				
.9012	-.1111	.6263	.8452				
.9516	.0162	.6635	.7879				
1.0000	.1334	.6978	.7352				

TEST 110 RUN 78 POINT 2 GRIT ***OFF***
 PT = 2.3762 TT = 229.0 M,INF = .7689 RC*E06 = 7.04 ALPHA = 1.01
 CM = .3121 CM,25 = -.1069

CD2 CD1 CD3 CD4 CD5
 .C1156 .01143(-.00013) .01114(-.00008) .01102(-.00054) .01054(-.00102)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01070 .01064(-.00007) .01063(-.00007) .01031(-.00039) .01000(-.00070)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1657	1.0000	.0016	0.0000	1.1649	.9997	.0197
.0075	-.5190	.5116	1.0268	.0100	.6083	.8384	.5076
.0101	-.6859	.4653	1.1604	.0177	.3761	.7712	.6201
.0164	-.4966	.3736	1.2744	.0526	-.0735	.6415	.8218
.0200	-.1094	.3438	1.3355	.1023	-.3273	.5685	.9353
.0245	-.1068	.3409	1.3415	.1527	-.4143	.5432	.9754
.0306	-.1212	.3371	1.3495	.2020	-.4989	.5188	1.0151
.0364	-.1075	.3414	1.3404	.2770	-.6608	.4718	1.0938
.0518	-.1027	.3647	1.2921	.3757	-.8215	.4255	1.1756
.0769	-.5369	.3917	1.2390	.4507	-.3334	.5666	.9383
.1019	-.8632	.4135	1.1976	.5257	-.1252	.6271	.8440
.1518	-.3247	.5677	.9365	.6007	.0408	.6750	.7703
.2019	-.3254	.5688	.9347	.6755	.1811	.7149	.7089
.2519	-.3657	.5571	.9532	.7173	.2410	.7321	.6820
.3018	-.3807	.5529	.9599	.8507	.3541	.7652	.6297
.4018	-.4339	.5375	.9847	.9010	.3614	.7671	.6268
.4519	-.4522	.5326	.9925	.9508	.3137	.7535	.6483
.5020	-.4492	.5335	.9914	1.0000	.1252	.6985	.7341
.5270	-.4539	.5310	.9952				
.5520	-.4532	.5310	.9952				
.5770	-.4654	.5281	.9998				
.6020	-.4777	.5241	1.0064				
.6270	-.4885	.5214	1.0108				
.6519	-.4947	.5190	1.0148				
.6770	-.5045	.5170	1.0180				
.7020	-.4977	.5186	1.0154				
.7516	-.4513	.5387	.9827				
.8017	-.3275	.5679	.9362				
.8519	-.2210	.5993	.8870				
.9012	-.1112	.6314	.8374				
.9516	.0151	.6673	.7822				
1.0000	.1279	.6999	.7320				

ORIGINAL FORM OF
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 78 POINT 3 GRIT ***OFF***
PT = 2.3692 TT = 229.8 M.INF = .7907 RC*E06 = 7.01 ALPHA = 1.51
CN = .4020 CM.25 = -.1058

CD2 CD1 CD3 CD4 CD5
.01235 .C1240(.00005) .C1240(.00005) .01243(.00008) .01202(-.00033)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01141 .01155(.00013) .C1151(.00010) .01169(.00028) .01139(-.00003)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.1557	.9969	.0666	0.0000	1.1536	.9961	.0744
.0075	-.5896	.4893	1.0641	.0100	.6663	.8546	.4786
.0101	-.7398	.4457	1.1392	.0177	.4372	.7879	.5921
.0164	-1.0542	.3552	1.3116	.0526	-.0136	.6575	.7973
.0200	-1.1482	.3273	1.3710	.1023	-.2641	.5849	.9094
.0265	-1.1689	.3214	1.3839	.1527	-.3944	.5976	.9326
.0308	-1.1784	.3182	1.3910	.2020	-.4466	.5326	.9925
.0354	-1.1867	.3219	1.3828	.2770	-.6108	.4839	1.0731
.0518	-1.1607	.3408	1.3418	.3757	-.6615	.4692	1.0982
.0769	-1.0285	.3628	1.2960	.4507	-.3219	.5684	.9354
.1019	-.9678	.3807	1.2603	.5257	-.1136	.6283	.8620
.1516	-.8916	.4013	1.2206	.6007	.0539	.6771	.7670
.2019	-.8281	.4800	1.0797	.6755	.1924	.7171	.7653
.2519	-.7309	.5730	.9281	.7173	.2525	.7349	.6776
.3018	-.6304	.5653	.9402	.8507	.3645	.7676	.6258
.4018	-.4356	.5354	.9881	.9010	.3695	.7691	.6236
.4519	-.4691	.5251	1.0047	.9508	.3209	.7544	.6470
.5020	-.4701	.5250	1.0049	1.0000	.1267	.6984	.7343
.5270	-.4765	.5229	1.0083				
.5520	-.4732	.5244	1.0058				
.5770	-.4811	.5225	1.0090				
.6020	-.4968	.5179	1.0166				
.6270	-.5006	.5140	1.0229				
.6519	-.5106	.5135	1.0237				
.6770	-.5174	.5119	1.0264				
.7020	-.5111	.5134	1.0239				
.7516	-.4357	.5364	.9864				
.8017	-.3296	.5672	.9372				
.8519	-.2214	.5988	.8878				
.9012	-.1121	.6301	.8392				
.9518	.0219	.6690	.7795				
1.0000	.1286	.6992	.7330				

TEST 118 RUN 78 POINT 4 GRIT ***OFF***
PT = 2.3710 TT = 230.0 M.INF = .7967 RC*E06 = 7.03 ALPHA = 1.76
CN = .4518 CM.25 = -.1055

CD2 CD1 CD3 CD4 CD5
.01371 .C1344(-.00022) .C1376(.00005) .01374(.00003)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01260 .C1250(-.00010) .C1268(.00008) .01286(.00026)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.1537	.9949	.0858	0.0000	1.1485	.9943	.0903
.0075	-.6175	.4786	1.0821	.0100	.6928	.8611	.4667
.0101	-.7386	.4402	1.1490	.0177	.4661	.7933	.5842
.0164	-1.0704	.3457	1.3313	.0526	-.0177	.6630	.7887
.0200	-1.1573	.3195	1.3681	.1023	-.2340	.5893	.9025
.0265	-1.1629	.3131	1.4024	.1527	-.3266	.5613	.9446
.0308	-1.1829	.3100	1.4095	.2020	-.4195	.5341	.9902
.0354	-1.1761	.3140	1.4005	.2770	-.5875	.4860	1.0695
.0518	-1.1100	.3304	1.3641	.3757	-.6835	.4572	1.1191
.0769	-.9054	.3518	1.3185	.4507	-.3087	.5661	.9390
.1019	-.9902	.3680	1.2855	.5257	-.1041	.6260	.8457
.1516	-.9228	.3065	1.2490	.6007	.0615	.6760	.7688
.2019	-.8665	.4330	1.2173	.6755	.1995	.7158	.7674
.2519	-.7929	.4259	1.1748	.7173	.2591	.7334	.6801
.3018	-.6985	.5466	.9796	.8507	.3703	.7659	.6287
.4018	-.5586	.5515	.9622	.9010	.3748	.7667	.6274
.4519	-.4186	.5336	.9910	.9508	.3260	.7524	.6502
.5020	-.4552	.5248	1.0053	1.0000	.1291	.6957	.7384
.5270	-.4706	.5194	1.0141				
.5520	-.4746	.5183	1.0158				
.5770	-.4857	.5149	1.0214				
.6020	-.5090	.5083	1.0322				
.6270	-.5152	.5052	1.0375				
.6519	-.5271	.5037	1.0399				
.6770	-.5353	.4992	1.0474				
.7020	-.5396	.5014	1.0438				
.7516	-.4464	.5304	.9961				
.8017	-.3271	.5633	.9435				
.8519	-.2187	.5951	.8935				
.9012	-.1079	.6268	.8444				
.9518	.0169	.6650	.7857				
1.0000	.1320	.6952	.7393				

ORIGINAL RECORD
OF POOR QUALITY

TABLE II.- Continued

PT = 2.3697 TEST 118 RUN 78 POINT 5 GRIT ***OFF***
 CM = .5011 TT = 229.6 M,INF = .7911 RC*EO6 = 7.02 ALPHA = 2.01
 CD2 CD1 CD3 CD4 CD5
 .C1465 .C1445(-.00017) .01471(.00008) .01453(-.00010)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .C1343 .C1337(-.00006) .01356(.00013) .01359(.00016)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1432	.9934	.0975	0.0000	1.1374	.9915	.1100
.0075	-.6581	.4670	1.1019	.0100	.7188	.8697	.4506
.0161	-.8059	.4271	1.1727	.0177	.4932	.8041	.7722
.0164	-1.1169	.3378	1.3480	.0526	.0432	.6738	.5664
.0264	-1.2051	.3103	1.4089	.1023	-.2056	.6012	.8840
.0265	-1.2269	.3038	1.4238	.1527	-.2990	.5739	.9268
.0308	-1.2587	.3014	1.4295	.2020	-.3928	.5474	.9688
.0364	-1.2231	.3051	1.4209	.2770	-.5533	.5603	1.0455
.0515	-1.1672	.3212	1.3843	.3757	-.5911	.5012	1.0440
.0769	-1.1033	.3408	1.3417	.4507	-.3063	.5725	.9289
.1016	-1.0428	.3379	1.3061	.5257	-.1006	.6316	.8371
.1516	-.9787	.3762	1.2691	.6007	.0647	.6801	.7624
.2019	-.9251	.3928	1.2367	.6755	.2029	.7192	.7022
.2519	-.8865	.4035	1.2163	.7173	.2624	.7377	.6732
.3018	-.8641	.4856	1.0698	.8507	.3728	.7689	.6238
.4018	-.3443	.5615	.9463	.9010	.3765	.7704	.6215
.4519	-.3952	.5459	.9711	.9508	.3266	.7353	.6456
.5020	-.4312	.5362	.9888	1.0000	.1293	.6977	.7354
.5270	-.4485	.5295	.9976				
.5520	-.4605	.5260	1.0000				
.5770	-.4725	.5230	1.0082				
.6620	-.4949	.5171	1.0178				
.6270	-.5067	.5126	1.0252				
.6519	-.5142	.5103	1.0290				
.6770	-.5256	.5081	1.0327				
.7020	-.5164	.5106	1.0285				
.7516	-.4419	.5331	.9917				
.8017	-.3299	.5659	.9393				
.8519	-.2225	.5967	.8910				
.9012	-.1118	.6288	.8413				
.9515	.0140	.6658	.7845				
1.0000	.1313	.6990	.7333				

PT = 2.3432 TEST 116 RUN 79 POINT 1 GRIT ***OFF***
 CM = .1786 TT = 229.1 M,INF = .8124 RC*EO6 = 7.06 ALPHA = -.01
 CD2 CD1 CD3 CD4 CD5

 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1902	1.0047	0.0000	0.0000	1.1902	1.0044	0.0000
.0075	-.2976	.5595	.9496	.0100	.4940	.7967	.5781
.0161	-.4826	.5047	1.0383	.0177	.2615	.7261	.6914
.0164	-.7753	.4178	1.1897	.0526	-.1683	.5967	.8911
.0264	-.8813	.3845	1.2528	.1023	-.4486	.5125	1.0253
.0265	-.8660	.3406	1.2411	.1527	-.5253	.4897	1.0633
.0308	-.8960	.3811	1.2594	.2020	-.6007	.4671	1.1019
.0364	-.8555	.3910	1.2420	.2770	-.7446	.4245	1.1773
.0515	-.6889	.4414	1.1470	.3757	-.9253	.3688	1.2839
.0769	-.3341	.5454	.9719	.4507	-.4154	.5224	1.0091
.1016	-.3705	.5360	.9671	.5257	-.2822	.5622	.9453
.1516	-.3373	.5461	.9709	.6007	-.1560	.6001	.8857
.2019	-.3008	.5570	.9534	.6755	-.0039	.6454	.8158
.2519	-.3200	.5518	.9618	.7173	.0806	.6711	.7763
.3018	-.3268	.5485	.9670	.8507	.2358	.7242	.6943
.4018	-.3861	.5312	.9949	.9010	.2892	.7342	.6787
.4519	-.4154	.5221	1.0096	.9508	.2690	.7280	.6885
.5020	-.4174	.5217	1.0103	1.0000	.1394	.6898	.7475
.5270	-.4283	.5180	1.0164				
.5520	-.4250	.5182	1.0161				
.5770	-.4412	.5153	1.0207				
.6620	-.4620	.5091	1.0310				
.6270	-.4616	.5029	1.0412				
.6519	-.4971	.4993	1.0472				
.6770	-.5171	.4927	1.0584				
.7020	-.5277	.4893	1.0640				
.7516	-.4535	.5106	1.0285				
.8017	-.3065	.5550	.9366				
.8519	-.1974	.5881	.9045				
.9012	-.0867	.6215	.8526				
.9515	.4462	.6599	.7935				
1.0000	.1505	.6927	.7431				

ORIGINAL DESIGN
OF POOR QUALITY

TABLE II.- Continued.

PT = 2.3441 TEST 118 RUN 79 POINT 2 GRIT ***OFF***
 CM = .3243 TT = 228.9 M,INF = .8109 RC*E06 = 7.06 ALPHA = 1.01

CD2 CD1 CD3 CD4 CD5
 .01480 .01458(-.00022) .01494(.00014) .01450(-.00030) *****
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01386 .01372(-.00014) .01400(.00014) .01374(-.00012) *****

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1757	1.0003	0.0000	0.0000	1.1745	1.0000	0.0000
.0075	-.4583	.5131	1.0243	.0100	.6155	.8327	.5176
.0161	-.6173	.4651	1.1053	.0177	.3875	.7639	.6318
.0184	-.9236	.3740	1.2734	.0526	-.0552	.6314	.8373
.0200	-1.0203	.3435	1.3380	.1023	-.3167	.5528	.9601
.0285	-1.0523	.3402	1.3429	.1527	-.4063	.5262	1.0030
.0300	-1.0462	.3371	1.3497	.2020	-.4921	.5019	1.0436
.0364	-1.0326	.3398	1.3438	.2770	-.6532	.4528	1.1268
.0518	-.9572	.3612	1.2992	.3757	-.8495	.3945	1.2335
.0769	-.8772	.3853	1.2513	.4507	-.4315	.9204	1.0129
.1019	-.8157	.4033	1.2167	.5257	-.1334	.6091	.8717
.1510	-.7511	.4229	1.1803	.6007	.0479	.6634	.7882
.2019	-.3428	.5461	.9708	.6755	.1881	.7050	.7241
.2519	-.2904	.5613	.9466	.7173	.2470	.7231	.6961
.3010	-.3373	.5477	.9683	.8507	.3542	.7552	.6458
.4010	-.4357	.5191	1.0145	.9010	.3599	.7567	.6433
.4519	-.4850	.5041	1.0393	.9508	.3131	.7425	.6658
.5020	-.4956	.5010	1.0443	1.0000	.1278	.6867	.7523
.5270	-.4984	.4999	1.0463				
.5520	-.4863	.5042	1.0391				
.5770	-.4853	.5047	1.0383				
.6020	-.5000	.5000	1.0461				
.6270	-.5127	.4997	1.0532				
.6519	-.5261	.4912	1.0609				
.6770	-.5455	.4843	1.0724				
.7020	-.5626	.4791	1.0813				
.7516	-.4772	.5056	1.0367				
.8017	-.3138	.5537	.9587				
.8519	-.2053	.5867	.9066				
.9012	-.0976	.6198	.8552				
.9518	.0247	.6559	.7996				
1.0000	.1302	.6873	.7514				

PT = 2.3436 TEST 118 RUN 79 POINT 3 GRIT ***OFF***
 CM = .4226 TT = 228.7 M,INF = .8083 RC*E06 = 7.06 ALPHA = 1.51

CD2 CD1 CD3 CD4 CD5
 .01430 .01397(-.00033) .01442(.00011) .01339(-.00091) *****
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01324 .01297(-.00027) .01336(.00012) .01253(-.00071) *****

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1667	.9978	.0965	0.0000	1.1651	.9972	.0632
.0075	-.5280	.4922	1.0591	.0100	.6694	.8501	.4888
.0161	-.6705	.4508	1.1303	.0177	.4430	.7819	.6028
.0184	-.9431	.3571	1.3078	.0526	-.0023	.6487	.8107
.0200	-1.0777	.3284	1.3684	.1023	-.2606	.5736	.9272
.0285	-1.1053	.3225	1.3815	.1527	-.3510	.5452	.9723
.0300	-1.1091	.3202	1.3866	.2020	-.4397	.5179	1.0165
.0364	-1.0965	.3230	1.3804	.2770	-.6086	.4688	1.0989
.0518	-1.0367	.3407	1.3419	.3757	-.7989	.4110	1.2023
.0769	-.9664	.3610	1.2997	.4507	-.9883	.3518	.9618
.1019	-.9161	.3787	1.2642	.5257	-.9273	.6206	.8940
.1516	-.8520	.3958	1.2310	.6007	-.8612	.7097	.7808
.2019	-.7966	.4113	1.2017	.6755	.2007	.7272	.6897
.2514	-.7829	.4228	1.1803	.7173	.2593	.7097	.7169
.3010	-.4559	.5134	1.0239	.8507	.2722	.7272	.6897
.4018	-.3518	.5445	.9735	.9010	.3686	.7601	.6379
.4519	-.4227	.5239	1.0067	.9508	.3739	.7612	.6361
.5020	-.4625	.5110	1.0278	1.0000	.3240	.7469	.6588
.5270	-.4853	.5051	1.0376		.1310	.6897	.7478
.5520	-.4426	.5030	1.0411				
.5770	-.5006	.5012	1.0440				
.6020	-.5161	.4958	1.0531				
.6270	-.5318	.4921	1.0593				
.6519	-.5420	.4894	1.0638				
.6770	-.5552	.4867	1.0684				
.7020	-.5601	.4845	1.0721				
.7516	-.4642	.5125	1.0249				
.8017	-.3158	.5564	.9544				
.8519	-.2072	.5885	.9038				
.9012	-.1006	.6209	.8536				
.9518	.0240	.6574	.7973				
1.0000	.1331	.6911	.7456				

TABLE II.- Continued.

TEST 118 RUN 80 POINT 2 GRIT ***OFF***
 PT = 2.3682 TT = 226.4 M,INF = .8328 RC*E06 = 7.15 ALPHA = -.01
 CM = .1074 CM.25 = -.0567

CD2 CD1 CD3 CD4 CD5
 .03654 .02977(-.00677) .03814(.00160) .03008(-.00646) .02523(-.02131)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .03493 .02919(-.00675) .03646(.00152) .02868(-.00625) .02432(-.01061)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1998	1.0046	0.0000	0.0000	1.1993	1.0044	0.0000
.0075	-.2566	.5559	.9552	.0100	.5206	.7955	.5806
.0101	-.4354	.5068	1.0448	.0177	.2943	.7253	.6926
.0164	-.7212	.4128	1.1989	.0526	-.1341	.5935	.8961
.0200	-.8267	.3789	1.2638	.1023	-.4175	.5054	1.0371
.0265	-.8224	.3819	1.2579	.1527	-.4956	.4816	1.0770
.0308	-.8465	.3743	1.2729	.2020	-.5740	.4575	1.1185
.0364	-.8612	.3616	1.2586	.2770	-.7155	.4144	1.1960
.03918	-.7141	.4144	1.1960	.3757	-.8653	.3682	1.2851
.0769	-.5765	.4571	1.1191	.4507	-.9640	.3226	1.0089
.1019	-.2996	.5418	.9777	.5257	-.2916	.5448	.9729
.1518	-.3356	.3309	.9953	.6007	-.2351	.5624	.9450
.2019	-.2981	.5426	.9765	.6755	-.1528	.5874	.9055
.2519	-.3236	.5352	.9884	.7173	-.0997	.6036	.8803
.3018	-.3306	.5330	.9920	.8507	.0810	.6590	.7949
.4018	-.3905	.5146	1.0220	.9010	.1517	.6812	.7608
.4519	-.4387	.4995	1.0470	.9508	.1846	.6911	.7456
.5020	-.4658	.4913	1.0607	1.0000	.1443	.6789	.7643
.5270	-.4835	.4855	1.0705				
.5520	-.4963	.4831	1.0744				
.5770	-.5061	.4796	1.0804				
.6020	-.5197	.4742	1.0897				
.6270	-.5391	.4678	1.1007				
.6519	-.5530	.4639	1.1074				
.6770	-.5635	.4535	1.1255				
.7020	-.6158	.4440	1.1424				
.7516	-.5896	.4521	1.1280				
.8017	-.2787	.5475	.9686				
.8519	-.1633	.5836	.9115				
.9012	-.0622	.6156	.8617				
.9518	.0543	.6509	.8073				
1.0000	.1447	.6784	.7651				

TEST 118 RUN 60 POINT 2 GRIT ***OFF***
 PT = 5.5663 TT = 170.0 M,INF = .3981 RC*E06 = 15.02 ALPHA = .01
 CM = .1813 CM.25 = -.0891

CD2 CD1 CD3 CD4 CD5
 .09844 .00839(-.00009)00811(-.00034) .00781(-.00064)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00755 .00764(.00009)00739(-.00015) .00735(-.00019)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0380	.9998	.0169	0.0000	1.0379	.9998	.0173
.0075	-.6939	.8279	.5258	.0100	.3304	.9291	.3251
.0101	-.7870	.8176	.5433	.0177	.1139	.9074	.3746
.0164	-.7840	.8187	.5416	.0526	-.2322	.8733	.4435
.0200	-.7402	.8220	.5358	.1023	-.3656	.8594	.4696
.0265	-.5337	.8426	.4999	.1527	-.3790	.8579	.4722
.0308	-.6075	.8396	.5124	.2020	-.4014	.8560	.4759
.0364	-.4944	.8466	.4928	.2770	-.4272	.8533	.4807
.03918	-.4089	.8551	.4775	.3757	-.3841	.8575	.4731
.0769	-.3542	.8611	.4664	.4507	-.2858	.8676	.4543
.1019	-.3154	.8644	.4603	.5257	-.1462	.8815	.4276
.1518	-.2752	.8693	.4529	.6007	-.0086	.8953	.3999
.2019	-.2494	.8711	.4476	.6755	.1134	.9075	.3742
.2519	-.2529	.8707	.4484	.7173	.1603	.9131	.3619
.3018	-.2531	.8707	.4486	.8507	.2749	.9237	.3380
.4018	-.2744	.8687	.4522	.9010	.2822	.9243	.3366
.4519	-.2825	.8679	.4538	.9508	.2418	.9203	.3459
.5020	-.2804	.8682	.4532	1.0000	.0738	.9036	.3827
.5270	-.2896	.8673	.4548				
.5520	-.2884	.8675	.4545				
.5770	-.2941	.8670	.4555				
.6020	-.3006	.8661	.4572				
.6270	-.3070	.8655	.4583				
.6519	-.3089	.8654	.4584				
.6770	-.3149	.8647	.4597				
.7020	-.3162	.8649	.4594				
.7516	-.3011	.8660	.4574				
.8017	-.2632	.8703	.4492				
.8519	-.2074	.8756	.4391				
.9012	-.1416	.8819	.4268				
.9518	-.0485	.8913	.4081				
1.0000	.0744	.9036	.3826				

ORIGINAL RECORDS
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 60 POINT 3 GRIT ***OFF***
 PT = 5.3639 TT = 169.6 M,INF = .3981 RC*E06 = 15.06 ALPHA = .97
 CN = .2872 CM.25 = -.0900
 CD2 CD1 CD3 CD4 CD5
 .0085U .00849(-.00007)00813(-.00044) .00784(-.00072)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00809 .00777(-.00033)00766(-.00043) .00741(-.00068)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9722	.9932	.0986	0.0000	.9706	.9931	.0994
.0075	-1.1535	.7814	.6034	.0100	.9393	.9500	.2711
.0101	-1.2131	.7756	.6128	.0177	.9154	.9277	.3205
.0164	-1.1406	.7821	.6024	.0526	-.0742	.8887	.4132
.0200	-1.0499	.7916	.5869	.1023	-.2440	.8723	.4454
.0265	-.7696	.8194	.5403	.1527	-.2813	.8683	.4529
.0308	-.8687	.8099	.5563	.2020	-.3183	.8642	.4606
.0364	-.7065	.8258	.5293	.2770	-.3584	.8603	.4679
.0518	-.5794	.8385	.5072	.3757	-.3315	.8629	.4630
.0769	-.4890	.8473	.4915	.4507	-.2449	.8717	.4465
.1019	-.4301	.8538	.4799	.5257	-.1145	.8847	.4213
.1518	-.3643	.8600	.4684	.6007	.0153	.8979	.3946
.2019	-.3231	.8638	.4615	.6755	.1322	.9091	.3707
.2519	-.3189	.8644	.4602	.7173	.1861	.9147	.3585
.3018	-.3098	.8651	.4590	.8507	.2864	.9246	.3360
.4018	-.3207	.8641	.4608	.9010	.2917	.9252	.3344
.4519	-.3240	.8638	.4613	.9508	.2484	.9207	.3448
.5020	-.3179	.8647	.4598	1.0000	.0744	.9034	.3830
.5270	-.3245	.8634	.4621				
.5520	-.3212	.8640	.4610				
.5770	-.3252	.8634	.4622				
.6020	-.3310	.8630	.4628				
.6270	-.3344	.8624	.4640				
.6519	-.3347	.8625	.4638				
.6770	-.3402	.8623	.4643				
.7020	-.3382	.8619	.4644				
.7516	-.3203	.8638	.4614				
.8017	-.2769	.8683	.4530				
.8519	-.2177	.8742	.4417				
.9012	-.1480	.8811	.4283				
.9518	-.0507	.8908	.4097				
1.0000	.0742	.9036	.3826				

TEST 110 RUN 60 POINT 4 GRIT ***OFF***
 PT = 5.5660 TT = 169.8 M,INF = .3973 RC*E06 = 15.01 ALPHA = 1.49
 CN = .3396 CM.25 = -.0903
 CD2 CD1 CD3 CD4 CD5
 .00865 .00843(-.00022)00618(-.00048) .00793(-.00073)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00779 .00797(-.00018)00773(-.00007) .00750(-.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9191	.9880	.1312	0.0000	.9173	.9878	.1321
.0075	-1.4139	.7564	.6437	.0100	.6284	.9591	.2444
.0101	-1.4525	.7527	.6496	.0177	.4060	.9367	.3064
.0164	-1.3343	.7643	.6310	.0526	.0000	.8965	.3974
.0200	-1.2190	.7792	.6136	.1023	-.1849	.8784	.4337
.0265	-.6942	.8079	.5997	.1527	-.2338	.8731	.4439
.0308	-1.0112	.7964	.5788	.2020	-.2767	.8692	.4514
.0364	-.8203	.8148	.5481	.2770	-.3253	.8644	.4603
.0518	-.6665	.8297	.5226	.3757	-.3058	.8664	.4565
.0769	-.5990	.8409	.5030	.4507	-.2241	.8745	.4412
.1019	-.4890	.8482	.4900	.5257	-.0990	.8870	.4167
.1518	-.4096	.8556	.4766	.6007	.0276	.8993	.3917
.2019	-.3602	.8609	.4669	.6755	.1412	.9107	.3672
.2519	-.3499	.8619	.4649	.7173	.1940	.9160	.3557
.3018	-.3382	.8632	.4625	.8507	.2914	.9256	.3336
.4018	-.3432	.8627	.4635	.9010	.2962	.9262	.3322
.4519	-.3440	.8627	.4634	.9508	.2508	.9216	.3428
.5020	-.3352	.8632	.4625	1.0000	.0740	.9037	.3823
.5270	-.3415	.8628	.4633				
.5520	-.3379	.8631	.4627				
.5770	-.3400	.8628	.4632				
.6020	-.3453	.8625	.4638				
.6270	-.3482	.8621	.4645				
.6519	-.3479	.8617	.4653				
.6770	-.3510	.8617	.4652				
.7020	-.3490	.8620	.4648				
.7516	-.3298	.8639	.4613				
.8017	-.2848	.8683	.4531				
.8519	-.2227	.8743	.4416				
.9012	-.1507	.8815	.4276				
.9518	-.0516	.8912	.4083				
1.0000	.0747	.9041	.3816				

TABLE II.- Continued.

PT = 5.5674 TEST 118 RUN 6C POINT 5 CRIT ***OFF***
 CN = .3671 TT = 170.0 M,INF = .3968 RC*E06 = 14.98 ALPHA = 1.71

CD2 CD1 CD3 CD4 CD5
 .00875 .00867(-.00008) :00827(-.00048) :00802(-.00073)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00782 .00820(.00038) :00781(-.00001) :00750(-.00124)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8833	.9845	.1492	0.0000	.8844	.9845	.1491
.0075	-1.3560	.7418	.6667	.0100	.6713	.9634	.2309
.0101	-1.5779	.7406	.6686	.0177	.4509	.9418	.2933
.0164	-1.4381	.7946	.6464	.0926	.0396	.9009	.3883
.0200	-1.3084	.7672	.6263	.1023	-1.1557	.8812	.4282
.0265	-.9599	.8015	.3705	.1327	-.2101	.8761	.4380
.0308	-1.0862	.7893	.5906	.2020	-.2564	.8711	.4476
.0364	-.8782	.8099	.5564	.2770	-.3084	.8660	.4573
.0518	-.7158	.8263	.5281	.3757	-.2930	.8678	.4538
.0769	-.5956	.8379	.5082	.4507	-.2145	.8758	.4386
.1019	-.3197	.8450	.4937	.5257	-.0916	.8879	.4150
.1518	-.4341	.8539	.4796	.6007	.0332	.9005	.3892
.2019	-.3808	.8588	.4707	.6755	.1457	.9114	.3657
.2519	-.3672	.8601	.4682	.7173	.1871	.9164	.3547
.3018	-.3540	.8618	.4651	.8507	.2939	.9260	.3325
.4018	-.3559	.8618	.4651	.9010	.2981	.9263	.3319
.4519	-.3559	.8617	.4654	.9508	.2516	.9219	.3422
.5020	-.3458	.8630	.4629	1.0000	.0739	.9043	.3811
.5270	-.3516	.8622	.4645				
.5520	-.3475	.8624	.4641				
.5770	-.3489	.8622	.4645				
.6020	-.3531	.8616	.4655				
.6270	-.3565	.8616	.4655				
.6519	-.3546	.8619	.4649				
.6770	-.3581	.8612	.4662				
.7020	-.3549	.8616	.4655				
.7516	-.3346	.8638	.4614				
.8017	-.2888	.8681	.4532				
.8519	-.2254	.8741	.4420				
.9012	-.1532	.8814	.4278				
.9518	-.0531	.8916	.4075				
1.0000	.0742	.9041	.3815				

PT = 5.5660 TEST 118 RUN 6C POINT 6 CRIT ***OFF***
 CN = .3954 TT = 169.8 M,INF = .3970 RC*E06 = 14.99 ALPHA = 1.99

CD2 CD1 CD3 CD4 CD5
 .00878 .00865(-.00012) :00842(-.00036) :00806(-.00071)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00787 .00818(.00031) :00795(.00008) :00761(-.00026)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.8431	.9805	.1678	0.0000	.8425	.9805	.1677
.0075	-1.7032	.7273	.6894	.0100	.7156	.9678	.2164
.0101	-1.7156	.7259	.6916	.0177	.4949	.9457	.2830
.0164	-1.5324	.7427	.6653	.0526	.0766	.9040	.3817
.0200	-1.4073	.7970	.6426	.1023	-.1231	.8842	.4222
.0265	-1.0320	.7940	.3828	.1327	-.1847	.8780	.4344
.0308	-1.1649	.7807	.6047	.2020	-.2354	.8732	.4437
.0364	-.9431	.8031	.5678	.2770	-.2901	.8679	.4537
.0518	-.7653	.8201	.5391	.3757	-.2793	.8691	.4514
.0769	-.6330	.8333	.5163	.4507	-.2030	.8765	.4374
.1019	-.5531	.8417	.5016	.5257	-.0833	.8881	.4144
.1518	-.4594	.8506	.4856	.6007	.0390	.9002	.3897
.2019	-.4022	.8566	.4747	.6755	.1504	.9117	.3652
.2519	-.3846	.8585	.4712	.7173	.2016	.9166	.3543
.3018	-.3690	.8602	.4680	.8507	.2959	.9260	.3325
.4018	-.3679	.8601	.4683	.9010	.2994	.9261	.3325
.4519	-.3666	.8599	.4686	.9508	.2532	.9221	.3417
.5020	-.3560	.8609	.4669	1.0000	.0736	.9042	.3814
.5270	-.3612	.8609	.4668				
.5520	-.3557	.8611	.4664				
.5770	-.3576	.8611	.4664				
.6020	-.3618	.8602	.4681				
.6270	-.3641	.8610	.4686				
.6519	-.3617	.8610	.4686				
.6770	-.3642	.8611	.4684				
.7020	-.3612	.8615	.4656				
.7516	-.3393	.8635	.4619				
.8017	-.2926	.8682	.4532				
.8519	-.2286	.8745	.4411				
.9012	-.1550	.8817	.4273				
.9518	-.0539	.8915	.4077				
1.0000	.0741	.9045	.3808				

TABLE II.- Continued.

TEST 118 RUN 60 POINT 7 GRIT ***OFF***
 PT = 5.3658 TT = 169.8 H, INF = .3967 RC*E06 = 14.99 ALPHA = 2.24
 CN = .4222 CM.25 = -.0906

CDZ CD1 CD3 CD4 CD5
 .00886 .00876(-.00010)00837(-.00050) .00808(-.00078)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00794 .00830(.00035)00791(-.00004) .00761(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8040	.9766	.1839	0.0000	.8005	.9762	.1855
.0075	-1.8540	.7122	.7129	.0130	.7545	.9717	.2024
.0101	-1.8507	.7135	.7109	.0177	.5345	.9500	.2712
.0164	-1.6604	.7320	.6820	.0526	.1135	.9082	.3728
.0200	-1.5002	.7490	.6533	.1023	-.0955	.8875	.4158
.0265	-1.0990	.7880	.5927	.1527	-.1611	.8809	.4287
.0308	-1.2407	.7739	.6155	.2020	-.2141	.8756	.4390
.0364	-1.0036	.7981	.5761	.2770	-.2737	.8699	.4490
.0518	-.8135	.8165	.5492	.3757	-.2854	.8704	.4490
.0769	-.6708	.8305	.5213	.4507	-.1927	.8778	.4349
.1019	-.5845	.8390	.5064	.5257	-.0736	.8895	.4117
.1518	-.4826	.8491	.4884	.6007	.0453	.9012	.3877
.2019	-.4203	.8552	.4774	.6755	.1547	.9122	.3639
.2519	-.4024	.8572	.4736	.7173	.2058	.9172	.3529
.3018	-.3843	.8587	.4709	.8507	.2998	.9266	.3311
.4018	-.3792	.8593	.4698	.9010	.3023	.9268	.3306
.4519	-.3779	.8595	.4693	.9508	.2349	.9221	.3417
.5020	-.3651	.8604	.4677	1.0000	.0731	.9039	.3821
.5270	-.3705	.8602	.4681				
.5520	-.3640	.8606	.4673				
.5770	-.3652	.8607	.4671				
.6020	-.3686	.8603	.4679				
.6270	-.3704	.8600	.4684				
.6519	-.3679	.8600	.4685				
.6770	-.3698	.8602	.4682				
.7020	-.3657	.8606	.4673				
.7516	-.3436	.8628	.4632				
.8017	-.2957	.8675	.4546				
.8519	-.2310	.8740	.4422				
.9012	-.1562	.8814	.4277				
.9518	-.0530	.8917	.4073				
1.0000	.0739	.9042	.3814				

TEST 118 RUN 60 POINT 8 GRIT ***OFF***
 PT = 5.3660 TT = 169.8 H, INF = .3964 RC*E06 = 14.98 ALPHA = 2.48
 CN = .4447 CM.25 = -.0907

CDZ CD1 CD3 CD4 CD5
 .00894 .00876(-.00018)00848(-.00047) .00811(-.00083)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00804 .00830(.00026)00777(-.00028) .00765(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.7623	.9726	.1993	0.0000	.7602	.9723	.2002
.0075	-1.9966	.6994	.7327	.0100	.7849	.9748	.1909
.0101	-1.9792	.7009	.7303	.0177	.5683	.9532	.2621
.0164	-1.7534	.7228	.6944	.0526	.1447	.9115	.3657
.0200	-1.5842	.7408	.6602	.1023	-.0696	.8902	.4103
.0265	-1.1608	.7824	.6015	.1527	-.1393	.8832	.4243
.0308	-1.3144	.7668	.6271	.2020	-.1944	.8777	.4351
.0364	-1.0599	.7926	.5852	.2770	-.2573	.8714	.4471
.0518	-.8567	.8117	.5533	.3757	-.2539	.8717	.4465
.0769	-.7059	.8273	.5267	.4507	-.1834	.8788	.4328
.1019	-.6116	.8365	.5107	.5257	-.0681	.8900	.4107
.1518	-.5045	.8470	.4921	.6007	.0507	.9021	.3859
.2019	-.4383	.8535	.4804	.6755	.1590	.9130	.3623
.2519	-.4170	.8556	.4766	.7173	.2092	.9179	.3514
.3018	-.3973	.8575	.4731	.8507	.3015	.9268	.3307
.4018	-.3907	.8583	.4716	.9010	.3043	.9271	.3299
.4519	-.3866	.8584	.4715	.9508	.2359	.9224	.3410
.5020	-.3742	.8600	.4685	1.0000	.0732	.9045	.3807
.5270	-.3781	.8599	.4687				
.5520	-.3719	.8604	.4677				
.5770	-.3723	.8600	.4684				
.6020	-.3750	.8598	.4687				
.6270	-.3767	.8598	.4688				
.6519	-.3737	.8604	.4678				
.6770	-.3755	.8602	.4682				
.7020	-.3704	.8604	.4677				
.7516	-.3474	.8622	.4644				
.8017	-.2983	.8673	.4548				
.8519	-.2334	.8738	.4425				
.9012	-.1565	.8814	.4279				
.9518	-.0541	.8917	.4072				
1.0000	.0740	.9046	.3805				

ORIGINAL DATA OF POOR QUALITY

TABLE II.- Continued.

PT = 3.5625 TEST 118 RUN 60 POINT 10 GRIT ***OFF***
 CN = .4997 TT = 169.7 H,INF = .3995 RC*E06 = 15.09 ALPHA = 2.97

CD2 CD1 CD3 CD4 CD5
 .00923 .00895(-.00028) ***** .00866(-.00057) .00822(-.00101)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00832 .00850(.0001A) ***** .00821(-.00011) .00778(-.00034)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLDC	X/C	CP	P/PT	MLDC
0.0000	.6708	.9628	.2328	0.0000	.6663	.9623	.2340
.0075	-2.3102	.6638	.7876	.0100	.8500	.9808	.1661
.0101	-2.2669	.6678	.7814	.0177	.6406	.9598	.2423
.0164	-1.9896	.6953	.7390	.0526	.2120	.9168	.3537
.0200	-1.7743	.7173	.7050	.1023	-.0154	.8940	.4025
.0265	-1.2996	.7648	.6303	.1527	-.0944	.8861	.4185
.0308	-1.4712	.7477	.6574	.2020	-.1370	.8796	.4313
.0364	-1.1828	.7767	.6111	.2770	-.2252	.8730	.4440
.0518	-.9542	.7995	.5738	.3757	-.2293	.8723	.4453
.0769	-.7807	.8172	.5441	.4507	-.1638	.8790	.4324
.1019	-.6738	.8280	.5236	.5257	-.0528	.8904	.4100
.1518	-.5517	.8402	.5041	.6007	.0628	.9018	.3864
.2019	-.4778	.8473	.4915	.6755	.1685	.9126	.3631
.2519	-.4502	.8505	.4859	.7173	.2177	.9175	.3523
.3018	-.4265	.8525	.4822	.8507	.3071	.9265	.3315
.4018	-.4139	.8539	.4796	.9010	.3087	.9268	.3207
.4519	-.4071	.8548	.4779	.9508	.2591	.9216	.3428
.5020	-.3927	.8560	.4758	1.0000	.0731	.9031	.3836
.5270	-.3963	.8560	.4758				
.5520	-.3881	.8567	.4746				
.5770	-.3874	.8568	.4743				
.6020	-.3891	.8570	.4741				
.6270	-.3903	.8565	.4750				
.6519	-.3864	.8571	.4737				
.6770	-.3872	.8569	.4741				
.7020	-.3818	.8573	.4733				
.7516	-.3565	.8601	.4683				
.8017	-.3050	.8633	.4586				
.8519	-.2369	.8721	.4458				
.9012	-.1592	.8797	.4311				
.9518	-.0542	.8901	.4105				
1.0000	.0739	.9031	.3836				

PT = 3.5657 TEST 118 RUN 60 POINT 11 GRIT ***OFF***
 CN = .5534 TT = 170.0 H,INF = .3986 RC*E06 = 15.03 ALPHA = 3.48

CD2 CD1 CD3 CD4 CD5
 .00947 .00923(-.00023) ***** .00889(-.00059) .00863(-.00083)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00857 .00849(-.00008) ***** .00818(-.00039) .00818(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLDC	X/C	CP	P/PT	MLDC
0.0000	.5565	.9518	.2660	0.0000	.5563	.9519	.2658
.0075	-2.6652	.6314	.8373	.0100	.9055	.9866	.1389
.0101	-2.5848	.6380	.8272	.0177	.7085	.9669	.2193
.0164	-2.2333	.6738	.7721	.0526	.2780	.9246	.3372
.0200	-1.9787	.6982	.7345	.1023	.0467	.9001	.3899
.0265	-1.4492	.7516	.6512	.1527	-.0476	.8911	.4086
.0308	-1.6422	.7321	.6819	.2020	-.1160	.8842	.4223
.0364	-1.7151	.7646	.6306	.2770	-.1907	.8770	.4364
.0518	-1.0562	.7908	.5881	.3757	-.2023	.8756	.4390
.0769	-.8579	.8108	.5549	.4507	-.1420	.8818	.4270
.1019	-.7391	.8222	.5355	.5257	-.0357	.8922	.4062
.1518	-.6000	.8357	.5121	.6007	.0754	.9034	.3830
.2019	-.5175	.8440	.4976	.6755	.1781	.9139	.3602
.2519	-.4845	.8476	.4910	.7173	.2260	.9187	.3496
.3018	-.4560	.8502	.4863	.8507	.3122	.9274	.3293
.4018	-.4370	.8523	.4825	.9010	.3134	.9274	.3292
.4519	-.4276	.8530	.4813	.9508	.2620	.9221	.3417
.5020	-.4112	.8547	.4781	1.0000	.0737	.9033	.3832
.5270	-.4128	.8550	.4777				
.5520	-.4041	.8557	.4763				
.5770	-.4032	.8560	.4757				
.6020	-.4041	.8558	.4762				
.6270	-.4034	.8555	.4768				
.6519	-.3977	.8562	.4755				
.6770	-.3971	.8562	.4755				
.7020	-.3916	.8563	.4752				
.7516	-.3643	.8591	.4702				
.8017	-.3103	.8646	.4599				
.8519	-.2414	.8715	.4468				
.9012	-.1611	.8794	.4318				
.9518	-.0545	.8994	.4099				
1.0000	.0741	.9033	.3832				

OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 60 POINT 12 GRIT ***OFF***
 PT = 5.5643 TT = 169.7 M.INF = .3982 RC*E06 = 15.05 ALPHA = 4.00
 CN = .6068 CN.25 = -.0907

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.4301	.9392	.3000	0.0000	.4315	.9392	.3002
.0075	-3.0474	.5914	.8994	.0100	.9515	.9912	.1124
.0101	-2.9175	.6050	.8782	.0177	.7695	.9730	.1976
.0164	-2.4857	.6487	.8107	.0526	.3415	.9302	.3224
.0200	-2.1917	.6775	.7664	.1023	.0938	.9054	.3787
.0265	-1.6007	.7369	.6744	.1527	-.0031	.8955	.3995
.0308	-1.8121	.7153	.7080	.2020	-.0765	.8862	.4144
.0364	-1.4521	.7513	.6517	.2770	-.1580	.8804	.4298
.0518	-1.3592	.7809	.6043	.3757	-.1763	.8786	.4332
.0769	-.8159	.8027	.5685	.4507	-.1218	.8841	.4224
.1019	-.8018	.8160	.5462	.5257	-.0202	.8941	.4023
.1518	-.6488	.8309	.5206	.6007	.0874	.9049	.3798
.2019	-.5573	.8400	.5045	.6755	.1877	.9150	.3578
.2519	-.5189	.8443	.4969	.7173	.2341	.9195	.3474
.3018	-.4858	.8478	.4908	.8507	.3175	.9278	.3284
.4018	-.4604	.8504	.4861	.9010	.3170	.9278	.3284
.4519	-.4494	.8513	.4844	.9508	.2653	.9227	.3402
.5020	-.4286	.8534	.4806	1.0000	.0724	.9035	.3828
.5270	-.4296	.8535	.4804				
.5520	-.4209	.8541	.4792				
.5770	-.4173	.8544	.4788				
.6020	-.4185	.8543	.4789				
.6270	-.4161	.8548	.4780				
.6519	-.4109	.8553	.4771				
.6770	-.4106	.8550	.4777				
.7020	-.4014	.8560	.4758				
.7516	-.3721	.8589	.4705				
.8017	-.3171	.8644	.4602				
.8519	-.2444	.8715	.4469				
.9012	-.1634	.8797	.4311				
.9518	-.0540	.8905	.4097				
1.0000	.0726	.9033	.3833				

TEST 110 RUN 60 POINT 13 GRIT ***OFF***
 PT = 5.5674 TT = 170.0 M.INF = .4037 RC*E06 = 15.20 ALPHA = 5.00
 CN = .7106 CN.25 = -.0903

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.1548	.9119	.3647	0.0000	.1613	.9125	.3634
.0075	-3.9059	.5075	1.0240	.0100	1.0147	.9975	.0597
.0101	-3.6320	.5397	.9814	.0177	.8695	.9828	.1574
.0164	-2.9982	.5981	.8890	.0526	.4553	.9407	.2962
.0200	-2.6132	.6323	.8360	.1023	.1921	.9151	.3376
.0265	-1.9066	.7076	.7200	.1527	.0803	.9026	.3847
.0308	-2.1868	.6841	.7563	.2020	-.0029	.8940	.4026
.0364	-1.7278	.7214	.6986	.2770	-.0952	.8840	.4227
.0518	-1.3654	.7577	.6415	.3757	-.1284	.8805	.4295
.0769	-1.0905	.7842	.5989	.4507	-.0832	.8853	.4200
.1019	-.9314	.8026	.5686	.5257	.0098	.8951	.4003
.1518	-.7464	.8188	.5413	.6007	.1109	.9049	.3798
.2019	-.6368	.8296	.5228	.6755	.2057	.9150	.3566
.2519	-.5863	.8339	.5153	.7173	.2494	.9186	.3496
.3018	-.5451	.8380	.5082	.8507	.3265	.9262	.3320
.4018	-.5064	.8422	.5007	.9010	.3257	.9258	.3330
.4519	-.4884	.8444	.4967	.9508	.2711	.9205	.3453
.5020	-.4667	.8461	.4938	1.0000	.0703	.8999	.3904
.5270	-.4637	.8479	.4906				
.5520	-.4525	.8466	.4929				
.5770	-.4482	.8454	.4941				
.6020	-.4469	.8459	.4941				
.6270	-.4425	.8469	.4922				
.6519	-.4347	.8479	.4905				
.6770	-.4310	.8450	.4903				
.7020	-.4221	.8486	.4893				
.7516	-.3879	.8521	.4829				
.8017	-.3281	.8590	.4702				
.8519	-.2511	.8669	.4556				
.9012	-.1655	.8759	.4385				
.9518	-.0537	.8873	.4162				
1.0000	.0713	.8998	.3905				

TABLE II.- Continued.

TEST 118 RUN 60 POINT 14 GRIT ***OFF***
 PT = 5.5658 TT = 170.0 M,INF = .4016 RC*E06 = 15.13 ALPHA = 6.01
 CM = .8102 CM,25 = -.0872

CD2		CD1	CD3		CD4	CD5	
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5			
UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	-.1352	.8815	.4276	0.0000	-.1213	.8820	.4266
.0075	-9.1227	.3743	1.2737	.0100	1.0472	1.0006	0.0000
.0101	-4.6865	.4173	1.1912	.0177	.9451	.9904	.1172
.0164	-3.4847	.5438	.9747	.0526	.9540	.9503	.2704
.0200	-3.0953	.5764	.9230	.1023	.2822	.9236	.3381
.0265	-2.2369	.6669	.7827	.1527	.1572	.9098	.3693
.0308	-2.5846	.6311	.8378	.2020	.0696	.9007	.3887
.0364	-2.0332	.6891	.7547	.2770	-.0361	.8896	.4115
.0519	-1.5063	.7379	.6728	.3757	-.0822	.8853	.4201
.0769	-1.2386	.7673	.6263	.4507	-.0454	.8900	.4108
.1019	-1.0585	.7889	.5913	.5257	.0372	.8980	.3943
.1518	-.6492	.8076	.5603	.6007	.1218	.9074	.3746
.2019	-.7161	.8212	.5373	.6755	.2213	.9182	.3552
.2519	-.6926	.8264	.5283	.7173	.2627	.9207	.3449
.3018	-.6017	.8323	.5181	.8507	.3349	.9286	.3284
.4018	-.5477	.8391	.5062	.9010	.3311	.9284	.3288
.4519	-.5279	.8406	.5039	.9508	.2719	.9229	.3399
.5020	-.4966	.8433	.4987	1.0000	.0637	.9022	.3856
.5270	-.4942	.8431	.4992				
.5520	-.4798	.8451	.4955				
.5770	-.4731	.8469	.4923				
.6020	-.4683	.8478	.4906				
.6270	-.4635	.8491	.4884				
.6519	-.4524	.8505	.4858				
.6770	-.4465	.8509	.4886				
.7020	-.4337	.8509	.4850				
.7516	-.3957	.8570	.4740				
.8017	-.3316	.8611	.4665				
.8519	-.2522	.8692	.4512				
.9012	-.1624	.8775	.4355				
.9518	-.0317	.8891	.4125				
1.0000	.0637	.9008	.3886				

TEST 118 RUN 61 POINT 1 GRIT ***OFF***
 PT = 4.5936 TT = 169.9 M,INF = .4982 RC*E06 = 14.99 ALPHA = -.01
 CM = .1718 CM,25 = -.0921

CD2		CD1	CD3		CD4	CD5	
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5			
UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	-.0644	1.0001	0.0000	0.0000	1.0644	1.0001	0.0000
.0075	-.6572	.7475	.6578	.0100	.3312	.8924	.4060
.0101	-.7636	.7311	.6836	.0177	.0999	.8980	.4722
.0164	-.7859	.7285	.6876	.0526	-.2624	.8045	.5657
.0200	-.7355	.7355	.6767	.1023	-.4059	.7836	.6000
.0265	-.6391	.7645	.6304	.1527	-.4189	.7814	.6036
.0308	-.6115	.7536	.6482	.2020	-.4442	.7781	.6090
.0364	-.4955	.7708	.6207	.2770	-.4708	.7738	.6159
.0519	-.4104	.7829	.6011	.3757	-.4213	.7811	.6041
.0769	-.3564	.7908	.5886	.4507	-.3143	.7978	.5767
.1019	-.3210	.7921	.5795	.5257	-.1622	.8195	.5403
.1518	-.2745	.8023	.5697	.6007	-.0159	.8411	.5027
.2019	-.2532	.8062	.5628	.6755	.1128	.8600	.4687
.2519	-.2548	.8091	.5646	.7173	.1706	.8686	.4526
.3018	-.2599	.8049	.5649	.8507	.2814	.8851	.4206
.4018	-.2836	.8023	.5642	.9010	.2896	.8862	.4185
.4519	-.2937	.8001	.5724	.9508	.2477	.8799	.4309
.5020	-.2927	.8004	.5724	1.0000	.0795	.8558	.4767
.5270	-.3016	.7989	.5749				
.5520	-.3024	.7990	.5748				
.5770	-.3077	.7986	.5753				
.6020	-.3155	.7972	.5778				
.6270	-.3214	.7966	.5797				
.6519	-.3235	.7965	.5790				
.6770	-.3310	.7951	.5812				
.7020	-.3323	.7943	.5815				
.7516	-.3177	.7973	.5776				
.8017	-.2753	.8034	.5674				
.8519	-.2167	.8119	.5531				
.9012	-.1460	.8221	.5354				
.9518	-.0684	.8365	.5109				
1.0000	.0749	.8555	.4769				

TABLE II.- Continued.

PT = 4.5930 TT = 170.0 RUN = 61 POINT = 2 GRIT = ***OFF***
 CN = .2911 CM.25 = -.0930 M,INF = .4968 RC*E06 = 14.96 ALPHA = 1.00

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
.0000	1.0052	.4915	.1101	0.0000	1.0047	.4914	.1107
.0075	-1.1657	.6738	.7722	.0100	.5507	.4251	.3349
.0101	-1.2486	.6669	.7920	.0177	.3203	.8913	.4082
.0164	-1.1989	.6693	.7792	.0526	-.0802	.8327	.3175
.0200	-1.0923	.6838	.7568	.1023	-.2641	.6056	.5638
.0265	-.8012	.7274	.6894	.1527	-.3043	.7998	.5735
.0308	-.9075	.7110	.7149	.2020	-.3430	.7930	.5846
.0364	-.7341	.7364	.6754	.2770	-.3895	.7865	.5953
.0518	-.6015	.7565	.6436	.3757	-.3596	.7911	.5878
.0769	-.5062	.7764	.6214	.4507	-.2669	.8049	.5649
.1119	-.4461	.7789	.6076	.5257	-.1257	.8237	.5296
.1518	-.3771	.7891	.5911	.6007	.0124	.8467	.4920
.2019	-.3348	.7946	.5821	.6759	.1340	.8640	.4612
.2519	-.3252	.7934	.5807	.7173	.1900	.8721	.4460
.3018	-.3220	.7966	.5787	.8507	.2949	.8878	.4153
.4018	-.3343	.7950	.5813	.9010	.3004	.8880	.4133
.4519	-.3385	.7945	.5821	.9508	.2560	.8820	.4267
.5020	-.3314	.7966	.5788	1.0000	.0801	.8564	.4752
.5270	-.3392	.7947	.5819				
.5520	-.3375	.7948	.5817				
.5770	-.3408	.7949	.5816				
.6020	-.3476	.7943	.5825				
.6270	-.3500	.7933	.5841				
.6519	-.3512	.7934	.5840				
.6770	-.3568	.7921	.5861				
.7020	-.3552	.7929	.5848				
.7518	-.3369	.7954	.5807				
.8017	-.2913	.8023	.5692				
.8519	-.2270	.8120	.5531				
.9012	-.1520	.8226	.5350				
.9518	-.0497	.8375	.5091				
1.0000	.0808	.8562	.4756				

PT = 4.5930 TT = 170.0 RUN = 61 POINT = 3 GRIT = ***OFF***
 CN = .3467 CM.25 = -.0931 M,INF = .4959 RC*E06 = 14.93 ALPHA = 1.91

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
.0000	.4521	.4840	.1517	0.0000	.4934	.4840	.1516
.0075	-1.4442	.6335	.8342	.0100	.8440	.4391	.3005
.0101	-1.5215	.6235	.8496	.0177	.4150	.9053	.3792
.0164	-1.4249	.6343	.8252	.0526	.0024	.8452	.4955
.0200	-1.2843	.6577	.7969	.1023	-.1488	.8160	.5462
.0265	-.9400	.7087	.7184	.1527	-.2509	.8081	.5995
.0308	-1.0620	.6905	.7466	.2020	-.2978	.8016	.5705
.0364	-.6554	.7199	.7012	.2770	-.3504	.7937	.5835
.0518	-.6960	.7429	.6651	.3757	-.3242	.7966	.5767
.0769	-.5814	.7600	.6350	.4507	-.2437	.8092	.5577
.1119	-.5049	.7707	.6209	.5257	-.1077	.8298	.5226
.1518	-.4261	.7825	.6018	.6007	.0260	.8486	.4895
.2019	-.3741	.7944	.5889	.6759	.1448	.8662	.4570
.2519	-.3636	.7918	.5866	.7173	.1996	.8739	.4426
.3018	-.3516	.7934	.5841	.8507	.3005	.8892	.4125
.4018	-.3585	.7925	.5855	.9010	.3036	.8899	.4111
.4519	-.3595	.7932	.5844	.9508	.2596	.8829	.4250
.5020	-.3504	.7935	.5838	1.0000	.0806	.8566	.4745
.5270	-.3581	.7930	.5847				
.5520	-.3541	.7937	.5847				
.5770	-.3563	.7937	.5836				
.6020	-.3610	.7929	.5848				
.6270	-.3624	.7918	.5867				
.6519	-.3648	.7919	.5865				
.6770	-.3690	.7913	.5875				
.7020	-.3662	.7918	.5866				
.7518	-.3453	.7945	.5822				
.8017	-.2478	.8015	.5705				
.8519	-.2320	.8110	.5547				
.9012	-.1542	.8227	.5352				
.9518	-.0493	.8373	.5095				
1.0000	.0805	.8568	.4745				

ORDER OF POOL

TABLE II.- Continued.

PT = 4.5927 TEST 119 RUN 61 POINT 4 GRIT ***OFF***
 CM = .3763 TT = 170.1 M:INF = .4960 RC*E06 = 14.92 ALPHA = 1.76

CD2 CD1 CD3 CD4 CD5
 .00857 .00853(-.00004) .00149(-.00039) .00817(-.00041) .00784(-.00074)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00777 .00766(-.00003) .00773(-.00004) .00753(-.00022) .00739(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	.9277	.7802	.1690	0.0000	.9260	.9860	.1700
.0075	-1.5957	.6114	.8684	.0100	.8631	.9447	.2858
.0101	-1.6630	.6010	.8846	.0177	.4602	.9123	.3640
.0164	-1.5400	.6194	.8560	.0526	.0403	.8508	.4855
.0200	-1.3735	.6436	.8186	.1023	-1.1666	.8207	.5383
.0265	-1.0052	.6974	.7360	.1527	-.2246	.8125	.5921
.0308	-1.1405	.6774	.7666	.2020	-.2749	.8051	.5646
.0364	-.9140	.7108	.7151	.2770	-.3305	.7969	.5782
.0518	-.7421	.7373	.6739	.3757	-.3133	.7992	.5744
.0769	-.6155	.7549	.6461	.4507	-.2305	.8109	.5554
.1019	-.5373	.7666	.6275	.5257	-.0979	.8303	.5217
.1518	-.4475	.7801	.6058	.6007	.0331	.8494	.4880
.2019	-.3920	.7881	.5928	.6753	.1513	.8672	.4593
.2519	-.3788	.7899	.5897	.7173	.2051	.8746	.4412
.3016	-.3646	.7917	.5867	.8507	.5045	.8888	.4132
.4018	-.3674	.7969	.5881	.9010	.3088	.8897	.4115
.4519	-.3683	.7908	.5882	.9308	.2628	.8821	.4265
.5020	-.3603	.7918	.5888	1.0000	.0814	.8563	.4753
.5270	-.3655	.7918	.5866				
.5520	-.3612	.7918	.5867				
.5770	-.3630	.7910	.5879				
.6020	-.3641	.7905	.5887				
.6270	-.3706	.7889	.5914				
.6519	-.3705	.7902	.5893				
.6770	-.3740	.7904	.5889				
.7020	-.3710	.7903	.5891				
.7516	-.3489	.7932	.5843				
.8017	-.3001	.8004	.5724				
.8519	-.2329	.8100	.5564				
.9012	-.1543	.8215	.5368				
.9518	-.0484	.8373	.5054				
1.0000	.0824	.8570	.4742				

PT = 4.5935 TEST 118 RUN 61 POINT 5 GRIT ***OFF***
 CM = .1970 TT = 170.3 M:INF = .4979 RC*E06 = 14.94 ALPHA = 1.97

CD2 CD1 CD3 CD4 CD5
 .00874 .00871(-.00003) .00163(-.00011) .00826(-.00048) .00796(-.00078)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00793 .00794(-.00035) .00792(-.00030) .00762(-.00031) .00747(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	.7055	.7770	.1825	0.0000	.9029	.9765	.1861
.0075	-1.7050	.5948	.8942	.0100	.7139	.9487	.2748
.0101	-1.7675	.5839	.9114	.0177	.4900	.9156	.3365
.0164	-1.6277	.6066	.8758	.0526	.0672	.8531	.4812
.0200	-1.4443	.6315	.8373	.1023	-1.1451	.8228	.5347
.0265	-1.0500	.6890	.7489	.1527	-.2075	.8136	.5903
.0308	-1.1974	.6674	.7821	.2020	-.2603	.8061	.5629
.0364	-.9594	.7028	.7276	.2770	-.3185	.7976	.5771
.0518	-.7700	.7294	.6863	.3757	-.3036	.7997	.5737
.0769	-.6441	.7463	.6565	.4507	-.2230	.8113	.5542
.1019	-.5615	.7617	.6352	.5257	-.0915	.8303	.5214
.1518	-.4677	.7755	.6132	.6007	.0382	.8498	.4872
.2019	-.4077	.7849	.5985	.6753	.1548	.8663	.4588
.2519	-.3924	.7868	.5948	.7173	.2080	.8741	.4421
.3016	-.3760	.7890	.5912	.8507	.3074	.8890	.4128
.4018	-.3773	.7887	.5917	.9010	.3119	.8899	.4118
.4519	-.3766	.7886	.5918	.9308	.2640	.8823	.4262
.5020	-.3674	.7903	.5891	1.0000	.0816	.8555	.4769
.5270	-.3730	.7887	.5918				
.5520	-.3640	.7893	.5907				
.5770	-.3692	.7867	.5901				
.6020	-.3742	.7888	.5916				
.6270	-.3773	.7879	.5936				
.6519	-.3763	.7891	.5927				
.6770	-.3743	.7874	.5932				
.7020	-.3752	.7891	.5911				
.7516	-.3521	.7925	.5855				
.8017	-.3024	.7944	.5745				
.8519	-.2344	.8040	.5581				
.9012	-.1563	.8211	.5375				
.9518	-.0480	.8367	.5103				
1.0000	.0821	.8557	.4765				

CRACKS OF POOR QUALITY

TABLE II.- Continued.

PT = 4.5932 TT = 170.1 RUN = 61 POINT = 6 GRIT = 000FF000
 CM = .4258 CM.25 = -.0437 M.INF = .4984 RC*E06 = 14.97 ALPHA = 2.23

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/P/T				CP	P/P/T	MLOC
.00000	.8710	.9718	.2023	.00000	.8696	.9715	.2031	
.00075	-1.8665	.5700	.9331	.0100	.7529	.9544	.2586	
.0101	-1.4273	.5610	.9474	.0177	.5324	.9219	.3422	
.0164	-1.7526	.5869	.9065	.0526	.1051	.8590	.4704	
.0200	-1.5492	.6156	.8619	.1023	-.1144	.8267	.5280	
.0265	-1.1277	.6783	.7653	.1527	-.1017	.8167	.5450	
.0308	-1.2805	.6557	.7597	.2020	-.2380	.8082	.5945	
.0364	-1.0244	.6927	.7431	.2770	-.2989	.7989	.5750	
.0518	-.8261	.7222	.6974	.3757	-.2899	.8007	.5720	
.0769	-.6835	.7430	.6849	.4507	-.1023	.8123	.5517	
.1019	-.5935	.7562	.8440	.5257	-.0821	.8309	.5207	
.1516	-.4915	.7711	.8202	.6007	.0451	.8501	.4867	
.2019	-.4275	.7802	.8055	.6755	.1401	.8672	.4551	
.2919	-.4036	.7827	.8015	.7173	.2135	.8750	.4405	
.3018	-.3918	.7857	.8015	.8507	.3110	.8894	.4120	
.4018	-.3904	.7866	.8051	.9010	.3137	.8894	.4120	
.4519	-.3862	.7860	.8061	.9500	.2660	.8425	.4280	
.5020	-.3771	.7879	.8030	1.0000	.0821	.3554	.4771	
.5270	-.3826	.7875	.8038					
.5520	-.3761	.7883	.8024					
.5770	-.3779	.7882	.8026					
.6020	-.3815	.7870	.8046					
.6270	-.3833	.7866	.8048					
.6519	-.3816	.7871	.8043					
.6770	-.3848	.7873	.8040					
.7020	-.3805	.7877	.8034					
.7516	-.3560	.7966	.8086					
.8017	-.3060	.7990	.8148					
.8519	-.2377	.8087	.8286					
.9012	-.1573	.8199	.8398					
.9518	-.0404	.8366	.8507					
1.0000	.0821	.8559	.4762					

PT = 4.5934 TT = 170.3 RUN = 61 POINT = 7 GRIT = 000FF000
 CM = .4558 CM.25 = -.0436 M.INF = .4970 RC*E06 = 14.92 ALPHA = 2.50

X/C	UPPER SURFACE			MLOC	X/C	LOWER SURFACE		
	CP	P/P/T				CP	P/P/T	MLOC
.00000	.9368	.9681	.2223	.00000	.8260	.9655	.2241	
.00075	-2.0542	.5434	.9794	.0100	.7906	.9601	.2415	
.0101	-2.1134	.5347	.9996	.0177	.5744	.9482	.3276	
.0164	-1.8430	.5680	.9363	.0526	.1438	.8652	.4590	
.0200	-1.6294	.6017	.8834	.1023	-.0823	.8322	.5184	
.0265	-1.2075	.6679	.7813	.1527	-.1353	.8212	.5374	
.0308	-1.3730	.6432	.7613	.2020	-.2151	.8124	.5524	
.0364	-1.0928	.6845	.7556	.2770	-.2789	.8049	.5649	
.0518	-.8924	.7141	.7106	.3757	-.2750	.8045	.5656	
.0769	-.7234	.7386	.6728	.4507	-.2004	.8149	.5481	
.1019	-.6270	.7522	.6404	.5257	-.0738	.8338	.5156	
.1516	-.5161	.7680	.6212	.6007	.0317	.8517	.4837	
.2019	-.4444	.7760	.6091	.6755	.1454	.8684	.4530	
.2519	-.4406	.7835	.6003	.7173	.2176	.8762	.4380	
.3018	-.4047	.7849	.5978	.8507	.3133	.8899	.4110	
.4018	-.4032	.7852	.5975	.9010	.3162	.8904	.4101	
.4519	-.3940	.7863	.5957	.9500	.2667	.8530	.4247	
.5020	-.3873	.7874	.5938	1.0000	.0811	.8562	.4756	
.5270	-.3915	.7867	.5949					
.5520	-.3860	.7879	.5931					
.5770	-.3871	.7872	.5942					
.6020	-.3907	.7867	.5951					
.6270	-.3914	.7864	.5954					
.6519	-.3884	.7874	.5934					
.6770	-.3910	.7865	.5933					
.7020	-.3871	.7874	.5938					
.7516	-.3613	.7920	.5988					
.8017	-.3063	.7986	.6083					
.8519	-.2345	.8040	.6193					
.9012	-.1580	.8210	.6380					
.9518	-.0445	.8363	.6578					
1.0000	.0816	.8560	.4760					

ORIGINAL TEST K.
OF POOR QUALITY

TABLE II.- Continued.

PT = 4.5933 TEST 110 RUN 61 POINT 8 GRIT ***OFF***
 CN = .5146 TT = 170.6 M, INF = .4978 RC*E06 = 14.90 ALPHA = 3.01

CD2 CD1 CD3 CD4 CD5
 .C0922 .C0914(-.C0008) .C0916(-.C0006) .C0872(-.C00049) .C0837(-.C00085)
 C0C0R2 C0C0R1 C0C0R3 C0C0R4 C0C0R5
 .00867 .00841(-.C0004) .00843(-.C0002) .00809(-.C00036) .00787(-.C00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.00000	.7430	.9531	.2625	0.00000	.7475	.9535	.2612
.0075	-2.4212	.4876	1.0672	.0100	.8554	.9695	.2103
.0101	-2.5499	.4684	1.0999	.0177	.6469	.9387	.3016
.0164	-2.1783	.5249	1.0054	.0526	.2150	.8757	.4391
.0200	-1.8676	.5653	.9406	.1023	-.0231	.8409	.5031
.0265	-1.3610	.6447	.8169	.1527	-.1049	.8290	.5239
.0308	-1.5537	.6150	.8628	.2020	-.1715	.8190	.5412
.0364	-1.2318	.6619	.7906	.2770	-.2424	.8091	.5580
.0514	-.9860	.6983	.7345	.3757	-.2467	.8085	.5588
.0769	-.8056	.7260	.6915	.4507	-.1774	.8181	.5427
.1019	-.6958	.7424	.6659	.5257	-.0566	.8358	.5120
.1518	-.5701	.7610	.6365	.6007	.0649	.8533	.4809
.2019	-.4930	.7719	.6190	.6755	.1755	.8694	.4569
.2519	-.4639	.7767	.6113	.7173	.2268	.8773	.4359
.3016	-.4406	.7801	.6057	.8507	.3192	.8908	.4093
.4018	-.4290	.7812	.6039	.9010	.3207	.8911	.4086
.4519	-.4228	.7822	.6023	.9508	.2703	.8838	.4232
.5020	-.4073	.7839	.5995	1.0000	.0800	.8552	.4764
.5270	-.4110	.7832	.6006				
.5520	-.4036	.7848	.5981				
.5770	-.4033	.7847	.5982				
.6020	-.4065	.7845	.5986				
.6270	-.4062	.7846	.5983				
.6519	-.4026	.7848	.5981				
.6770	-.4038	.7844	.5988				
.7020	-.3984	.7855	.5970				
.7516	-.3704	.7894	.5905				
.8017	-.3150	.7974	.5773				
.8519	-.2436	.8081	.5595				
.9012	-.1575	.8200	.5395				
.9518	-.0491	.8366	.5107				
1.0000	.0809	.8556	.4767				

PT = 4.5934 TEST 118 RUN 61 POINT 9 GRIT ***OFF***
 CN = .5680 TT = 170.4 M, INF = .4987 RC*E06 = 14.95 ALPHA = 3.54

CD2 CD1 CD3 CD4 CD5
 .C0963 .C0963(-.C0000) .C0986(-.C0017) .C0833(-.C00030) .C0903(-.C00060)
 C0C0R2 C0C0R1 C0C0R3 C0C0R4 C0C0R5
 .00862 .00891(-.C0010) .C0908(-.C0026) .C0874(-.C00008) .00858(-.C00024)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.00000	.6646	.9410	.2956	0.00000	.6641	.9410	.2954
.0075	-2.8051	.4293	1.1691	.0100	.9096	.9774	.1806
.0101	-2.9203	.4124	1.2002	.0177	.7102	.9480	.2767
.0164	-2.6000	.4587	1.1169	.0526	.2777	.8845	.4218
.0200	-2.1194	.5319	.9941	.1023	.0304	.8479	.4907
.0265	-1.5037	.6231	.8902	.1527	-.0601	.8349	.5136
.0308	-1.7264	.5895	.9024	.2020	-.1315	.8249	.5317
.0364	-1.3557	.6442	.8177	.2770	-.2100	.8127	.5519
.0518	-1.0791	.6848	.7553	.3757	-.2211	.8106	.5554
.0769	-.8807	.7145	.7098	.4507	-.1577	.8202	.5390
.1019	-.7541	.7318	.6825	.5257	-.0419	.8374	.5093
.1518	-.6174	.7530	.6492	.6007	.0766	.8547	.4783
.2019	-.5325	.7656	.6291	.6755	.1842	.8707	.4485
.2519	-.4495	.7701	.6218	.7173	.2340	.8775	.4255
.3016	-.4717	.7737	.6160	.8507	.3236	.8905	.4099
.4018	-.4533	.7767	.6112	.9010	.3241	.8909	.4091
.4519	-.4440	.7782	.6087	.9508	.2719	.8836	.4235
.5020	-.4267	.7800	.6049	1.0000	.0783	.8542	.4792
.5270	-.4278	.7808	.6047				
.5520	-.4195	.7810	.6042				
.5770	-.4188	.7807	.6048				
.6020	-.4197	.7811	.6040				
.6270	-.4190	.7821	.6025				
.6519	-.4148	.7813	.6038				
.6770	-.4148	.7790	.6075				
.7020	-.4066	.7814	.6037				
.7516	-.3779	.7851	.5976				
.8017	-.3401	.7466	.5787				
.8519	-.2454	.8075	.5606				
.9012	-.1599	.8206	.5385				
.9518	-.0478	.8358	.5121				
1.0000	.0767	.8527	.4819				

CRITICAL
OF POOL QUALITY

TABLE II.- Continued.

PT = 4.5643 TEST 118 RUN 61 POINT 10 GRIT ***OFF***
 CM = .6109 TT = 170.4 M.INF = .5018 RC*E06 = 15.03 ALPHA = 3.96
 CD2 CD1 CD3 CD4 CD5
 .01676 .01188(.00012) .01103(.00024) .01076(-.00005) .01026(-.00050)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00992 .01015(.00023) .01026(.00032) .01016(.00024) .00976(-.00014)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.5935	.9305	.3219	0.0000	.5940	.9304	.3222
.0075	-3.0255	.3944	1.2342	.0100	.9457	.9822	.1603
.0101	-3.0490	.3755	1.0711	.0177	.7566	.9542	.2991
.0164	-3.0134	.3976	1.2280	.0526	.3255	.8905	.4098
.0200	-2.4716	.4694	1.0932	.1023	.0719	.8926	.4822
.0265	-1.7534	.5783	.9200	.1527	-.0252	.8384	.5076
.0308	-2.0372	.5344	.9900	.2020	-.1012	.8276	.5264
.0364	-1.5300	.6107	.8695	.2770	-.1849	.8144	.5490
.0518	-1.1477	.6712	.7763	.3757	-.2019	.8121	.5528
.0769	-.9358	.7056	.7264	.4507	-.1427	.8207	.5382
.1019	-.8059	.7222	.6975	.5257	-.0305	.8374	.5094
.1518	-.6570	.7447	.6623	.6007	.0845	.8544	.4789
.2019	-.5665	.7587	.6400	.6755	.1900	.8702	.4495
.2519	-.5281	.7634	.6327	.7173	.2393	.8773	.4359
.3018	-.4971	.7683	.6247	.8507	.3259	.8699	.4110
.4018	-.4726	.7718	.6192	.9010	.3263	.8901	.4107
.4519	-.4608	.7735	.6165	.9508	.2714	.8820	.4268
.5020	-.4420	.7762	.6121	1.0000	.0731	.8524	.4826
.5270	-.4425	.7763	.6119				
.5520	-.4325	.7774	.6101				
.5770	-.4315	.7770	.6107				
.6020	-.4298	.7775	.6100				
.6270	-.4278	.7779	.6092				
.6519	-.4222	.7786	.6081				
.6770	-.4204	.7789	.6077				
.7020	-.4121	.7800	.6059				
.7516	-.3796	.7845	.5979				
.8017	-.3206	.7947	.5826				
.8519	-.2432	.8055	.5640				
.9012	-.1561	.8186	.5419				
.9518	-.0453	.8358	.5121				
1.0000	.0734	.8524	.4825				

PT = 4.5933 TEST 118 RUN 61 POINT 11 GRIT ***OFF***
 CM = .7058 TT = 170.3 M.INF = .4976 RC*E06 = 14.93 ALPHA = 4.99
 CD2 CD1 CD3 CD4 CD5
 .01816 .01803(-.00012) .01829(.00013) .01767(-.00049) .01672(-.00143)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .01736 .01732(-.00005) .01756(.00020) .01706(-.00030) .01622(-.00114)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.4243	.9061	.3774	0.0000	.4258	.9061	.3773
.0075	-3.4241	.3395	1.3451	.0100	1.0078	.9919	.1079
.0101	-3.3401	.3541	1.3144	.0177	.8463	.9682	.2190
.0164	-2.5999	.4620	1.1111	.0526	.4276	.9069	.3757
.0200	-2.5385	.4732	1.0917	.1023	.1650	.8687	.4524
.0265	-.2971	.5073	1.0344	.1527	.0530	.8923	.4828
.0308	-2.3728	.4960	1.0531	.2020	-.0303	.8398	.5051
.0364	-2.1690	.5272	1.0016	.2770	-.1250	.8261	.5290
.0518	-1.7558	.5865	.9067	.3757	-.1559	.8214	.5371
.0769	-1.1858	.6706	.7771	.4507	-.1073	.8285	.5248
.1019	-.9379	.7074	.7204	.5257	-.0047	.8436	.4984
.1518	-.7505	.7348	.6778	.6007	.1029	.8595	.4696
.2019	-.6440	.7499	.6540	.6755	.2030	.8739	.4424
.2519	-.5929	.7576	.6419	.7173	.2495	.8808	.4291
.3018	-.5504	.7635	.6324	.8507	.3302	.8923	.4061
.4018	-.5100	.7696	.6227	.9010	.3271	.8918	.4073
.4519	-.4926	.7721	.6186	.9508	.2685	.8831	.4245
.5020	-.4687	.7758	.6127	1.0000	.0543	.8517	.4838
.5270	-.4665	.7758	.6126				
.5520	-.4543	.7777	.6097				
.5770	-.4481	.7781	.6090				
.6020	-.4446	.7784	.6086				
.6270	-.4381	.7793	.6071				
.6519	-.4279	.7805	.6050				
.6770	-.4242	.7814	.6036				
.7020	-.4127	.7837	.6036				
.7516	-.3756	.7893	.5999				
.8017	-.3119	.7997	.5907				
.8519	-.2328	.8092	.5766				
.9012	-.1475	.8218	.5578				
.9518	-.0454	.8370	.5364				
1.0000	.0545	.8517	.5100				

ORIGINAL PAGE IS
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TABLE II.- Continued.

TEST 116 RUN 61 POINT 12 GRIT ***OFF***
 PT = 4.5935 TT = 170.5 M,INF = .4979 RC*E06 = 14.92 ALPHA = 5.96
 CN = .7803 CM.25 = -.0779

CD2 CD1 CD3 CD4 CD5
 .03312 .03263(-.00049) .33379(.00067)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .03220 .03190(-.00030) .03297(.00077)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.2997	.8671	.4166	0.0000	.3060	.8877	.4155
.0075	-3.0882	.3849	1.2526	.0100	1.0410	.9966	.0696
.0101	-2.4621	.4790	1.0818	.0177	.9048	.9765	.1843
.0164	-2.3281	.4490	1.0481	.0526	.5028	.9170	.3334
.0200	-2.1581	.5238	1.0071	.1023	.2350	.8776	.4353
.0265	-2.1156	.5302	.9968	.1527	.1146	.8600	.4687
.0308	-2.2336	.5128	1.0293	.2020	.0231	.8469	.4925
.0364	-2.1647	.5229	1.0687	.2770	-.0792	.8319	.5190
.0518	-2.0197	.5444	.9738	.3757	-.1217	.8261	.5291
.0769	-1.7344	.5864	.9074	.4507	-.0816	.8316	.5194
.1019	-1.4527	.6284	.8421	.5257	.0127	.8465	.4932
.1518	-.9920	.6967	.7370	.6007	.1149	.8619	.4650
.2019	-.7829	.7327	.6811	.6755	.2102	.8752	.4400
.2519	-.6469	.7484	.6564	.7173	.2545	.8821	.4265
.3018	-.5845	.7581	.6410	.8507	.3284	.8928	.4052
.4018	-.5279	.7660	.6285	.9010	.3224	.8910	.4071
.4519	-.5057	.7707	.6209	.9508	.2580	.8829	.4250
.5020	-.4780	.7757	.6129	1.0000	.0230	.8485	.4896
.5270	-.4718	.7754	.6133				
.5520	-.4583	.7782	.6088				
.5770	-.4504	.7791	.6073				
.6020	-.4417	.7803	.6055				
.6270	-.4323	.7824	.6020				
.6519	-.4186	.7841	.5992				
.6770	-.4049	.7846	.5984				
.7020	-.3947	.7870	.5946				
.7516	-.3542	.7922	.5860				
.8017	-.2909	.8011	.5712				
.8519	-.2179	.8118	.5534				
.9012	-.1416	.8229	.5344				
.9518	-.0561	.8353	.5130				
1.0000	.0213	.8476	.4913				

TEST 118 RUN 62 POINT 1 GRIT ***OFF***
 PT = 3.9896 TT = 170.1 M,INF = .5968 RC*E06 = 14.95 ALPHA = -.01
 CN = .1798 CM.25 = -.0976

CD2 CD1 CD3 CD4 CD5
 .00835 .00839(.00004) .00827(-.00006) .00802(-.00033) .00775(-.00060)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00770 .00779(.00004) .00766(-.00004) .00750(-.00020) .00736(-.00034)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0936	1.0002	0.0000	0.0000	1.0931	1.0001	0.0000
.0075	-.6947	.6582	.7963	.0100	.3620	.8559	.4762
.0101	-.7008	.6296	.8403	.0177	.1226	.8097	.5570
.0164	-.8442	.6191	.8566	.0526	-.2711	.7317	.6828
.0200	-.7877	.6290	.8412	.1023	-.4378	.6988	.7338
.0265	-.5772	.6707	.7771	.1527	-.4574	.6994	.7391
.0308	-.6536	.6962	.7994	.2020	-.4878	.6899	.7475
.0364	-.5279	.6803	.7623	.2770	-.5206	.6832	.7576
.0518	-.4367	.7031	.7317	.3757	-.4628	.6941	.7411
.0769	-.3864	.7102	.7162	.4507	-.3414	.7178	.7045
.1019	-.3429	.7175	.7049	.5257	-.1715	.7511	.6523
.1518	-.2498	.7263	.6911	.6007	-.0144	.7823	.6022
.2019	-.2724	.7322	.6820	.6755	.1206	.8088	.5586
.2519	-.2765	.7308	.6842	.7173	.1803	.8212	.5375
.3018	-.2799	.7301	.6853	.8507	.2948	.8436	.4985
.4018	-.3069	.7246	.6939	.9010	.3037	.8451	.4988
.4519	-.3170	.7224	.6972	.9508	.2608	.8364	.5111
.5020	-.3169	.7228	.6966	1.0000	.0902	.8025	.5691
.5270	-.3265	.7208	.6997				
.5520	-.3276	.7216	.6985				
.5770	-.3333	.7203	.7005				
.6020	-.3410	.7145	.7034				
.6270	-.3491	.7165	.7064				
.6519	-.3513	.7155	.7079				
.6770	-.3595	.7134	.7105				
.7020	-.3599	.7143	.7098				
.7516	-.3443	.7181	.7039				
.8017	-.2957	.7273	.6896				
.8519	-.2301	.7408	.6685				
.9012	-.1505	.7966	.6436				
.9518	-.0436	.7770	.6108				
1.0000	.0506	.8026	.5689				

ORIGINAL PROJECT
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 62 POINT 2 GRIT ***OFF***
 PT = 3.9962 TT = 170.6 M,INF = .5955 RC*E06 = 14.89 ALPHA = 1.01
 CN = .3016 CM.25 = -.0983

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	1.0468	.9912	.1122	0.0000	1.0436	.9908	.1148
.0075	-1.1296	.5632	.9438	.0100	.5645	.8968	.3970
.0101	-1.3027	.5319	.9940	.0177	.3298	.8510	.4851
.0164	-1.3292	.5265	1.0028	.0526	-.0928	.7689	.6239
.0200	-1.1763	.5584	.9547	.1023	-.2918	.7300	.6854
.0265	-.8504	.6199	.8552	.1527	-.3384	.7210	.6994
.0306	-.9687	.5972	.8905	.2020	-.3832	.7112	.7146
.0364	-.7709	.6357	.8309	.2770	-.4338	.7018	.7292
.0518	-.6286	.6636	.7880	.3757	-.3983	.7079	.7198
.0518	-.5349	.6826	.7588	.4507	-.2914	.7286	.6876
.0789	-.4716	.6949	.7398	.5257	-.1356	.7590	.6397
.1019	-.4001	.7090	.7181	.6007	.0128	.7890	.5913
.1518	-.3543	.7168	.7059	.6755	.1420	.8139	.5499
.2019	-.3503	.7181	.7039	.7173	.2003	.8248	.5313
.2519	-.3437	.7186	.7031	.8507	.3086	.8464	.4934
.3018	-.3570	.7157	.7076	.9010	.3151	.8472	.4920
.4018	-.3633	.7143	.7099	.9508	.2683	.8385	.5075
.4519	-.3581	.7165	.7064	1.0000	.0900	.8034	.5675
.5020	-.3649	.7146	.7094				
.5270	-.3619	.7144	.7096				
.5520	-.3673	.7139	.7105				
.6020	-.3730	.7119	.7136				
.6270	-.3792	.7115	.7141				
.6519	-.3790	.7114	.7143				
.6770	-.3757	.7119	.7135				
.7020	-.3831	.7113	.7145				
.7516	-.3629	.7155	.7080				
.8017	-.3102	.7262	.6913				
.8519	-.2393	.7396	.6704				
.9012	-.1569	.7567	.6433				
.9518	-.0444	.7784	.6086				
1.0000	.0299	.8047	.5654				

TEST 118 RUN 62 POINT 3 GRIT ***OFF***
 PT = 3.9915 TT = 170.5 M,INF = .5947 RC*E06 = 14.87 ALPHA = 1.44
 CN = .3546 CM.25 = -.0983

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0135	.9846	.1486	0.0000	1.0102	.9842	.1510
.0075	-1.3486	.5244	1.0063	.0100	.6409	.9119	.3648
.0101	-1.5247	.4681	1.0663	.0177	.4100	.8669	.4559
.0164	-1.0748	.4582	1.1176	.0526	-.0197	.7836	.6001
.0200	-1.3622	.5212	1.0115	.1023	-.2297	.7428	.6653
.0265	-.4707	.5971	.8907	.1527	-.2871	.7308	.6841
.0306	-1.1110	.5690	.9347	.2020	-.3391	.7207	.6999
.0364	-.6836	.6146	.8635	.2770	-.3967	.7100	.7165
.0518	-.7470	.6467	.8140	.3757	-.3684	.7154	.7081
.0765	-.6013	.6703	.7776	.4507	-.2704	.7354	.6769
.1019	-.5286	.6947	.7556	.5257	-.1192	.7638	.6321
.1518	-.4438	.7002	.7316	.6007	.0254	.7914	.5874
.2019	-.3914	.7105	.7158	.6755	.1510	.8166	.5454
.2519	-.3618	.7129	.7120	.7173	.2084	.8276	.5265
.3018	-.3701	.7151	.7085	.8507	.3142	.8481	.4903
.4018	-.3797	.7142	.7161	.9010	.3195	.8496	.4876
.4519	-.3820	.7125	.7126	.9508	.2710	.8404	.5042
.5020	-.3745	.7132	.7115	1.0000	.0893	.8043	.5661
.5270	-.3626	.7125	.7126				
.5520	-.3770	.7123	.7113				
.5770	-.3810	.7123	.7129				
.6020	-.3873	.7119	.7135				
.6270	-.3919	.7113	.7144				
.6519	-.3918	.7103	.7160				
.6770	-.3969	.7090	.7180				
.7020	-.3932	.7091	.7179				
.7516	-.3693	.7144	.7096				
.8017	-.3175	.7252	.6929				
.8519	-.2437	.7396	.6704				
.9012	-.1574	.7555	.6452				
.9518	-.0444	.7778	.6095				
1.0000	.0897	.8041	.5663				

TABLE II.- Continued.

TEST 118 RUN 62 POINT 4 GRIT ***OFF***
 PT = 3.9897 TT = 170.4 M,INF = .5948 RC*E06 = 14.87 ALPHA = 1.76
 CN = .3926 CM,25 = -.0077

CD2 CD1 CD3 CD4 CD5
 .00886 .00880(-.00006) .00880(-.00006) .00848(-.00038) .00819(-.00067)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00814 .00818(.00004) .00817(.00003) .00796(-.00018) .00777(-.00037)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.00000	.9827	.9789	.1747	0.0000	.9801	.9784	.1747
.0075	-1.4898	.4975	1.0505	.0100	.6920	.9222	.3416
.0101	-1.6992	.4554	1.1226	.0177	.4648	.8772	.4361
.0164	-1.9847	.4001	1.2234	.0326	.0290	.7927	.5853
.0200	-1.7301	.4479	1.1358	.1023	-.1893	.7498	.6542
.0265	-1.0491	.5832	.9124	.1027	-.2538	.7367	.6749
.0308	-1.2147	.5499	.9650	.2020	-.3100	.7274	.6894
.0364	-.9562	.5993	.8872	.2770	-.3711	.7145	.7096
.0518	-.7766	.6342	.8332	.3757	-.3492	.7190	.7025
.0769	-.6520	.6598	.7938	.4507	-.2590	.7374	.6738
.1019	-.5694	.6756	.7695	.5257	-.1091	.7659	.6287
.1518	-.4777	.6929	.7429	.6007	.0329	.7930	.5848
.2019	-.4190	.7062	.7223	.6755	.1568	.8177	.5434
.2519	-.4046	.7079	.7198	.7173	.2134	.8281	.5257
.3018	-.3894	.7111	.7148	.8507	.3164	.8482	.4902
.4018	-.3952	.7160	.7164	.9010	.3215	.8489	.4889
.4519	-.3976	.7097	.7170	.9508	.2729	.8396	.5055
.5020	-.3883	.7107	.7155	1.0000	.0875	.8038	.5669
.5270	-.3948	.7101	.7165				
.5520	-.3896	.7101	.7164				
.5770	-.3934	.7093	.7175				
.6020	-.3968	.7081	.7195				
.6270	-.4010	.7077	.7201				
.6519	-.4005	.7084	.7189				
.6770	-.4040	.7075	.7203				
.7020	-.4006	.7080	.7196				
.7516	-.3759	.7130	.7118				
.8017	-.3190	.7241	.6945				
.8519	-.2442	.7385	.6721				
.9012	-.1576	.7559	.6447				
.9518	-.0434	.7779	.6094				
1.0000	.0087	.8039	.5668				

TEST 118 RUN 62 POINT 5 GRIT ***OFF***
 PT = 3.9892 TT = 170.6 M,INF = .5992 RC*E06 = 14.93 ALPHA = 1.98
 CN = .4172 CM,25 = -.0075

CD2 CD1 CD3 CD4 CD5
 .00910 .00905(-.00001) .00911(.00001) .00872(-.00038) .00843(-.00067)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00845 (.0047(.00002) .00850(.00005) .00822(-.00023) .00806(-.00039)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.00000	.9688	.9753	.1889	0.0000	.9646	.9744	.1926
.0075	-1.9552	.4742	1.0900	.0100	.7227	.9263	.3320
.0101	-1.7575	.4356	1.1577	.0177	.4976	.8824	.4260
.0164	-2.0733	.3728	1.2765	.0326	.0595	.7956	.5805
.0200	-2.0615	.3761	1.2700	.1023	-.1633	.7514	.6518
.0265	-1.1704	.5504	.9643	.1027	-.2322	.7386	.6719
.0308	-1.3640	.5136	1.0239	.2020	-.2917	.7271	.6900
.0364	-1.0071	.5846	.9102	.2770	-.3560	.7145	.7095
.0518	-.8007	.6245	.8482	.3757	-.3399	.7170	.7057
.0769	-.6821	.6489	.8106	.4507	-.2476	.7356	.6766
.1019	-.5957	.6650	.7845	.5257	-.1025	.7638	.6321
.1518	-.4987	.6851	.7535	.6007	.0385	.7910	.5880
.2019	-.4386	.6985	.7343	.6755	.1612	.8150	.5480
.2519	-.4195	.7019	.7290	.7173	.2173	.8263	.5287
.3018	-.4091	.7041	.7256	.8507	.3199	.8470	.4923
.4018	-.4074	.7040	.7259	.9010	.3243	.8480	.4906
.4519	-.4075	.7035	.7265	.9508	.2745	.8382	.5080
.5020	-.3978	.7046	.7249	1.0000	.0869	.8012	.5712
.5270	-.4039	.7029	.7274				
.5520	-.3989	.7041	.7256				
.5770	-.4006	.7045	.7250				
.6020	-.4047	.7038	.7260				
.6270	-.4066	.7036	.7264				
.6519	-.4065	.7037	.7262				
.6770	-.4102	.7024	.7282				
.7020	-.4050	.7037	.7262				
.7516	-.3790	.7086	.7187				
.8017	-.3205	.7203	.7005				
.8519	-.2447	.7356	.6766				
.9012	-.1561	.7533	.6488				
.9518	-.0426	.7761	.6122				
1.0000	.0870	.8008	.5718				

ORIGINAL PART IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 62 POINT 6 GRIT ***OFF***
PT = 3.9954 TT = 170.7 M,INF = .5988 RC*E06 = 14.94 ALPHA = 2.21
CN = .4423 CM,25 = -.0466

CD2 CD1 CD3 CD4 CD5
.00956 .00953(-.00003) .00954(-.00001) .00916(-.00040) .00891(-.00065)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00886 .00891(-.00005) .00896(-.00011) .00862(-.00023) .00850(-.00036)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9422	.9706	.2064	0.0000	.9403	.9702	.2081
.0075	-1.6821	.4552	1.1229	.0100	.7533	.9333	.3151
.0101	-1.8607	.4207	1.1849	.0177	.5315	.8895	.4119
.0164	-2.1913	.3565	1.3094	.0526	.0932	.8032	.5676
.0200	-2.2252	.3469	1.3293	.1023	-.1359	.7578	.6416
.0265	-1.3212	.5294	1.0045	.1527	-.2682	.7428	.6416
.0368	-1.5320	.4852	1.0714	.2020	-.2709	.7303	.6653
.0364	-1.0973	.5689	.9348	.2770	-.3393	.7161	.6849
.0518	-.8407	.6192	.8563	.3757	-.3274	.7195	.7070
.0769	-.7133	.6444	.8174	.4507	-.2373	.7373	.7018
.1019	-.6225	.6618	.7907	.5257	-.0648	.7659	.6739
.1516	-.5195	.6813	.7608	.6007	.0434	.7930	.6287
.2019	-.4542	.6941	.7411	.6755	.1652	.8274	.5848
.2519	-.4354	.6971	.7365	.7173	.2211	.8170	.5447
.3018	-.4193	.7013	.7299	.8507	.2211	.8274	.5268
.4618	-.4181	.7016	.7295	.9010	.3215	.8475	.4915
.4519	-.4166	.7024	.7282	.9508	.3256	.8482	.4901
.5020	-.4059	.7044	.7252	1.0000	.2741	.8386	.5073
.5270	-.4102	.7034	.7267		.0844	.8012	.5712
.5520	-.4044	.7036	.7264				
.5770	-.4072	.7034	.7266				
.6020	-.4103	.7027	.7277				
.6270	-.4129	.7031	.7271				
.6519	-.4113	.7035	.7266				
.6770	-.4133	.7024	.7283				
.7020	-.4067	.7038	.7261				
.7514	-.3805	.7092	.7178				
.8017	-.3220	.7214	.6987				
.8519	-.2439	.7368	.6748				
.9012	-.1553	.7543	.6472				
.9518	-.0402	.7758	.6127				
1.0000	.0852	.8009	.5717				

TEST 116 RUN 62 POINT 7 GRIT ***OFF***
PT = 3.9953 TT = 171.0 M,INF = .5969 RC*E06 = 14.86 ALPHA = 2.46
CN = .4701 CM,25 = -.0454

CD2 CD1 CD3 CD4 CD5
.01001 .01706(-.00005) .01003(-.00002) .00971(-.00030) .00946(-.00055)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00937 .00946(-.00004) .00940(-.00003) .00916(-.00021) .00902(-.00035)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9185	.9659	.2228	0.0000	.9171	.9655	.2243
.0075	-1.7846	.4336	1.1614	.0100	.7871	.9401	.2980
.0101	-1.9501	.4015	1.2207	.0177	.5690	.8968	.3971
.0164	-2.2865	.3368	1.3509	.0526	.1286	.8103	.5560
.0200	-2.3523	.3218	1.3835	.1023	-.1059	.7639	.6318
.0265	-1.5316	.4849	1.0719	.1527	-.1828	.7494	.6550
.0368	-1.7767	.4332	1.1585	.2020	-.2474	.7373	.6740
.0364	-1.2643	.5317	.9944	.2770	-.3199	.7226	.6969
.0518	-.8439	.6104	.8700	.3757	-.3123	.7243	.6942
.0769	-.7361	.6398	.8246	.4507	-.2261	.7416	.6672
.1019	-.6497	.6568	.7984	.5257	-.0860	.7689	.6239
.1516	-.5424	.6787	.7648	.6007	.0490	.7953	.5809
.2019	-.4729	.6931	.7426	.6755	.1695	.8188	.5415
.2519	-.4527	.6966	.7373	.7173	.2242	.8295	.5233
.3018	-.4336	.7005	.7311	.8507	.3237	.8493	.4882
.4618	-.4300	.7017	.7294	.9010	.3258	.8499	.4872
.4519	-.4250	.7024	.7283	.9508	.2739	.8395	.5057
.5020	-.4144	.7044	.7251	1.0000	.0818	.8024	.5692
.5270	-.4183	.7034	.7267				
.5520	-.4114	.7046	.7249				
.5770	-.4126	.7049	.7243				
.6020	-.4161	.7045	.7250				
.6270	-.4178	.7038	.7261				
.6519	-.4154	.7051	.7240				
.6770	-.4168	.7041	.7256				
.7020	-.4109	.7064	.7221				
.7516	-.3814	.7120	.7134				
.8017	-.3215	.7222	.6976				
.8519	-.2440	.7376	.6734				
.9012	-.1532	.7554	.6455				
.9518	-.0395	.7777	.6097				
1.0000	.0924	.8020	.5699				

OF FOUR QUALITY

TABLE II.- Continued.

TEST 118 RUN 62 POINT 6 GRIT ***OFF***
 PT = 3.9887 IT = 170.9 M,INF = .5963 RC*E06 = 14.84 ALPHA = 3.02
 CN = .5285 CM.25 = -.9934

CD2 CD1 CD3 CD4 CD5
 .01187 .01204(.00017) .01209(.00022) .01165(-.00023) .01184(-.00093)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01118 .01143(.00025) .01144(.00026) .01112(-.00006) .01107(-.00011)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.8627	.9552	.2563	0.0000	.8589	.9546	.2582
.0075	-1.9785	.4003	1.2229	.0100	.8471	.9521	.2694
.0101	-2.1087	.3719	1.2783	.0177	.6398	.9103	.3684
.0164	-2.4514	.3072	1.4167	.0526	.1961	.8242	.5324
.0200	-2.5085	.2939	1.4479	.1023	-.0460	.7766	.6115
.0265	-1.8055	.4328	1.1627	.1527	-.1338	.7594	.6390
.0308	-2.1461	.3645	1.2931	.2020	-.2030	.7448	.6621
.0364	-1.6614	.4600	1.1146	.2770	-.2822	.7301	.6892
.0518	-1.1805	.5254	.9594	.3757	-.2828	.7301	.6893
.0769	-.7887	.6309	.8383	.4507	-.2052	.7446	.6625
.1019	-.6990	.6484	.8113	.5257	-.0713	.7712	.6202
.1518	-.5905	.6698	.7784	.6007	.0612	.7974	.5775
.2019	-.5131	.6838	.7570	.6755	.1789	.8202	.5393
.2519	-.4664	.6896	.7479	.7173	.2318	.8311	.5073
.3018	-.4645	.6944	.7406	.8507	.3278	.8458	.4875
.4018	-.4541	.6956	.7388	.9010	.3297	.8503	.4864
.4519	-.4483	.6971	.7365	.9508	.2760	.8393	.5061
.5020	-.4322	.7004	.7313	1.0000	.0764	.8003	.5727
.5270	-.4352	.6993	.7330				
.5520	-.4286	.7014	.7298				
.5770	-.4276	.7014	.7298				
.6020	-.4290	.7014	.7298				
.6270	-.4282	.7007	.7309				
.6519	-.4253	.7017	.7293				
.6770	-.4251	.7021	.7287				
.7020	-.4160	.7030	.7274				
.7518	-.3845	.7098	.7168				
.8017	-.3200	.7220	.6979				
.8514	-.2418	.7385	.6720				
.9012	-.1505	.7566	.6436				
.9518	-.0385	.7782	.6069				
1.0000	.0772	.8007	.5720				

TEST 118 RUN 62 POINT 9 GRIT ***OFF***
 PT = 3.9907 IT = 170.5 M,INF = .5970 RC*E06 = 14.90 ALPHA = 3.46
 CN = .5772 CM.25 = -.0512

CD2 CD1 CD3 CD4 CD5
 .01457 .01429(-.00028) .01475(.00018) .01390(-.00067) .01356(-.00101)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01329 .01344(-.00024) .01415(.00026) .01337(-.00052) .01314(-.00075)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.8179	.9460	.2823	0.0000	.8145	.9494	.2838
.0075	-2.0763	.3773	1.2675	.0100	.8076	.9596	.2480
.0101	-2.2022	.3532	1.3163	.0177	.6898	.9201	.3465
.0164	-2.5504	.2837	1.4726	.0526	.2500	.8346	.5142
.0200	-2.6029	.2698	1.5073	.1023	.0011	.7899	.5964
.0265	-1.9441	.4019	1.2198	.1527	-.0922	.7472	.6266
.0308	-2.3024	.3178	1.3925	.2020	-.1673	.7329	.6494
.0364	-1.8470	.4223	1.1819	.2770	-.2512	.7361	.6759
.0518	-1.0515	.4876	1.0672	.3757	-.2995	.7348	.6779
.0769	-.9353	.6019	.8831	.4507	-.1868	.7409	.6557
.1019	-.7475	.6390	.8258	.5257	-.0578	.7738	.6160
.1518	-.6243	.6626	.7895	.6007	.0712	.7994	.5742
.2019	-.5469	.6784	.7652	.6755	.1854	.8221	.5360
.2519	-.5175	.6837	.7570	.7173	.2579	.8324	.5182
.3018	-.4905	.6895	.7482	.8507	.3313	.8508	.4856
.4018	-.4732	.6927	.7432	.9010	.3321	.8507	.4837
.4519	-.4645	.6938	.7415	.9508	.2762	.8400	.5048
.5020	-.4464	.6977	.7395	1.0000	.0708	.7997	.5736
.5270	-.4488	.6976	.7356				
.5520	-.4399	.6994	.7329				
.5770	-.4390	.6997	.7325				
.6020	-.4382	.6994	.7329				
.6270	-.4360	.7003	.7375				
.6519	-.4308	.7014	.7298				
.6770	-.4284	.7014	.7298				
.7020	-.4194	.7032	.7270				
.7518	-.3844	.7103	.7160				
.8017	-.3191	.7226	.6970				
.8514	-.2390	.7381	.6726				
.9012	-.1485	.7567	.6442				
.9518	-.0394	.7774	.6102				
1.0000	.0715	.7996	.5739				

CRITERIA OF SURFACE QUALITY

TABLE II.- Continued.

TEST 118 RUN 62 POINT 10 GRIT ***OFF***
 PT = 3.9458 TT = 170.7 M,INF = .5983 RC*EO6 = 14.93 ALPHA = 4.00
 CN = .5314 CM,25 = -.0477

CD2 CD1 CD3 CD4 CD5
 .01844 .01829(-.00019) .01856(.00014) .01766(-.00078) .01708(-.00136)
 CDCOK2 CDCOK1 CDCOR3 CDCOR4 CDCOR5
 .01774 .01766(-.00009) .01795(.00020) .01713(-.00061) .01680(-.00094)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.00000	.7654	.9356	.3093	0.0000	.7592	.9347	.3117
.0075	-2.2154	.3511	1.3207	.0100	.9303	.9682	.2150
.0161	-2.2795	.3357	1.3532	.0177	.7356	.9295	.3244
.0164	-2.0656	.2605	1.5314	.0526	.3050	.8441	.4976
.0200	-2.0462	.2632	1.5244	.1023	.0494	.7940	.5930
.0265	-2.0473	.3834	1.2554	.1527	-.0505	.7745	.6148
.0308	-2.1016	.3589	1.3045	.2020	-.1305	.7582	.6409
.0364	-1.6556	.3993	1.2248	.2770	-.2198	.7409	.6684
.0518	-1.7539	.4374	1.1546	.3757	-.2356	.7389	.6714
.0769	-1.2970	.5271	1.0018	.4507	-.1686	.7510	.6923
.1019	-.9401	.5987	.8881	.5257	-.0448	.7757	.6129
.1218	-.6773	.6509	.8074	.6007	.0796	.7004	.5725
.1419	-.5949	.6684	.7806	.6755	.1924	.8227	.5350
.1519	-.5477	.6761	.7687	.7173	.2435	.8326	.5179
.1618	-.5164	.6837	.7570	.8507	.3336	.8504	.4863
.1719	-.4920	.6871	.7518	.9010	.3330	.8502	.4866
.1819	-.4813	.6896	.7479	.9508	.2754	.8384	.5076
.1920	-.4617	.6937	.7416	1.0000	.0605	.7960	.5793
.2020	-.4603	.6941	.7411				
.2120	-.4504	.6958	.7385				
.2220	-.4421	.6963	.7377				
.2320	-.4452	.6968	.7369				
.2420	-.4460	.6969	.7367				
.2519	-.4344	.6987	.7340				
.2619	-.4301	.6997	.7325				
.2720	-.4188	.7013	.7291				
.2819	-.3812	.7099	.7167				
.2917	-.3152	.7230	.6963				
.3019	-.2342	.7385	.6722				
.3119	-.1446	.7564	.6439				
.3218	-.0406	.7772	.6105				
.3300	.0605	.7964	.5791				

TEST 118 RUN 62 POINT 11 GRIT ***OFF***
 PT = 3.9921 TT = 170.7 M,INF = .5998 RC*EO6 = 14.85 ALPHA = 4.97
 CN = .7164 CM,25 = -.0803

CD2 CD1 CD3 CD4 CD5
 .03016 .02477(-.00009) .03039(.00023) .02897(-.00119) .02707(-.00310)
 CDCOK2 CDCOK1 CDCOR3 CDCOR4 CDCOR5
 .02439 .02401(-.00034) .02966(.00025) .02828(-.00107) .02673(-.00262)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.00000	.6716	.9168	.3539	0.0000	.6680	.9166	.3545
.0075	-2.3763	.3180	1.3920	.0100	.9657	.9790	.1740
.0161	-2.3985	.3126	1.4044	.0177	.8118	.9447	.2858
.0164	-2.2530	.3404	1.3432	.0526	.3931	.8625	.4640
.0200	-1.9708	.3969	1.2294	.1023	.1293	.8107	.5553
.0265	-1.9499	.4017	1.2203	.1527	.0175	.7891	.5912
.0308	-2.0263	.3859	1.2507	.2020	-.0681	.7720	.6189
.0364	-1.4753	.3960	1.2311	.2770	-.1681	.7520	.6507
.0518	-1.0653	.4177	1.1403	.3757	-.1670	.7470	.6588
.0769	-1.6544	.4640	1.1077	.4507	-.1397	.7582	.6409
.1019	-1.4124	.5077	1.0336	.5257	-.0258	.7805	.6051
.1218	-1.0163	.5862	.9076	.6007	.0920	.8039	.5666
.1419	-.7579	.6365	.8297	.6755	.2001	.8245	.5318
.1519	-.6352	.6601	.7933	.7173	.2491	.8345	.5144
.1618	-.5646	.6601	.7708	.8507	.3324	.8510	.4852
.1719	-.5119	.6852	.7547	.9010	.3289	.8501	.4867
.1819	-.4951	.6884	.7499	.9508	.2647	.8375	.5093
.1920	-.4720	.6934	.7422	1.0000	.0273	.7915	.5871
.2020	-.4664	.6934	.7421				
.2120	-.4541	.6963	.7373				
.2220	-.4485	.6978	.7353				
.2320	-.4419	.6988	.7338				
.2420	-.4340	.7002	.7316				
.2519	-.4234	.7033	.7269				
.2619	-.4162	.7054	.7236				
.2720	-.4015	.7090	.7180				
.2819	-.3592	.7169	.7058				
.2917	-.2939	.7249	.6855				
.3019	-.2177	.7439	.6637				
.3119	-.1388	.7606	.6372				
.3218	-.0504	.7769	.6110				
.3300	.0279	.7922	.5861				

OF POOR QUALITY

TABLE II.- Continued.

PT = 3.9926 TT = 170.7 RUN = 62 POINT = 12 GRIT = ***OFF***
 CN = .7950 CM.25 = -.0755 M.INF = .5972 RC*EQ6 = 14.90 ALPHA = 5.99

CD2 CC1 CD3 CD4 CD5
 .04881 .04842(.00010) ***** .04694(-.00187) .04235(-.00646)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .04779 .04797(.00018) ***** .04609(-.00170) .04167(-.00613)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.00000	.5870	.8998	.3907	0.0000	.3759	.8984	.3938
.0075	-2.4747	.2982	1.4375	.0100	1.0276	.9871	1.1360
.0101	-2.0947	.3702	1.2816	.0177	.8704	.9560	.2541
.0164	-1.8643	.4140	1.1957	.0526	.4663	.8762	.4382
.0200	-1.8052	.4248	1.1774	.1023	.1940	.8237	.5332
.0265	-1.8080	.4277	1.1720	.1527	.0791	.8001	.5730
.0300	-1.8253	.4235	1.1798	.2020	-.0155	.7806	.6050
.0364	-1.8159	.4226	1.1813	.2770	-.1227	.7595	.6389
.0518	-1.7914	.4297	1.1684	.3757	-.1651	.7511	.6522
.0769	-1.6849	.4511	1.1301	.4507	-.1202	.7617	.6354
.1119	-1.5741	.4744	1.0896	.5257	-.0122	.7818	.6031
.1518	-1.3413	.5201	1.0133	.6007	.1006	.8042	.5662
.2019	-1.1103	.5640	.9427	.6755	.2024	.8243	.5321
.2519	-.9047	.6048	.8786	.7173	.2490	.8338	.5158
.3018	-.7404	.6373	.8284	.8507	.3262	.8488	.4892
.4018	-.5662	.6752	.7701	.9010	.3173	.8476	.4912
.4519	-.5109	.6833	.7577	.9508	.2454	.8332	.5167
.5020	-.4701	.6915	.7450	1.0000	-.0233	.7805	.6051
.5270	-.4606	.6936	.7419				
.5520	-.4438	.6972	.7362				
.5770	-.4309	.6994	.7329				
.6020	-.4228	.7021	.7286				
.6270	-.4097	.7042	.7254				
.6519	-.3966	.7071	.7210				
.6770	-.3836	.7096	.7170				
.7020	-.3669	.7131	.7118				
.7516	-.3254	.7217	.6983				
.8017	-.2710	.7342	.6786				
.8519	-.2038	.7458	.6606				
.9012	-.1410	.7584	.6407				
.9518	-.0734	.7717	.6194				
1.0000	-.0261	.7800	.6060				

PT = 3.9939 TT = 171.2 RUN = 63 POINT = 1 GRIT = ***OFF***
 CN = .1834 CM.25 = -.1043 M.INF = .6911 RC*EQ6 = 14.76 ALPHA = -.01

CD2 CC1 CD3 CD4 CD5
 .00835 .00844(.00009) .00832(-.00003) .00807(-.00028) .00767(-.00068)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00778 .00790(.00011) .00776(-.00002) .00761(-.00017) .00747(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1416	1.0038	0.0000	0.0000	1.1410	1.0037	0.0000
.0075	-.5485	.5907	.9006	.0100	.4121	.8267	.5281
.0101	-.7430	.5464	.9707	.0177	.1726	.7682	.6251
.0164	-.4321	.4971	1.0513	.0526	-.2597	.6636	.7880
.0200	-.8406	.5197	1.0139	.1023	-.4647	.6153	.8623
.0265	-.9971	.5813	.9153	.1527	-.795	.6080	.8737
.0300	-.6840	.5607	.9478	.2020	-.5427	.5983	.8888
.0364	-.5405	.5930	.8970	.2770	-.5925	.5842	.9109
.0518	-.4474	.6173	.8594	.3757	-.5154	.6033	.8810
.0769	-.3930	.6312	.8378	.4507	-.3624	.6401	.8241
.1019	-.3492	.6433	.8192	.5257	-.1672	.6870	.7521
.1518	-.3068	.6545	.8019	.6007	.0033	.7278	.6888
.2019	-.2769	.6624	.7899	.6755	.1452	.7627	.6339
.2519	-.2848	.6587	.7955	.7173	.2078	.7774	.6102
.3018	-.2073	.6585	.7959	.8507	.3255	.8064	.5626
.4018	-.3207	.6502	.8085	.9010	.3346	.8087	.5586
.4519	-.3324	.6469	.8136	.9508	.2916	.7982	.5763
.5020	-.3330	.6462	.8147	1.0000	.1181	.7559	.6446
.5270	-.3430	.6443	.8176				
.5520	-.3424	.6438	.8184				
.5770	-.3523	.6422	.8210				
.6020	-.3628	.6398	.8245				
.6270	-.3710	.6375	.8282				
.6519	-.3749	.6364	.8299				
.6770	-.3853	.6341	.8334				
.7020	-.3846	.6349	.8321				
.7516	-.3637	.6388	.8261				
.8017	-.3064	.6520	.8059				
.8519	-.2254	.6715	.7758				
.9012	-.1387	.6935	.7424				
.9518	-.0202	.7225	.6971				
1.0000	.1187	.7562	.6442				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 63 POINT 2 GRIT ***OFF***
 PT = 3.5900 TT = 170.4 M,INF = .6923 RC*E06 = 14.86 ALPHA = 1.01
 CM = .4174 CM,25 = -.1044

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
.0000	1.1095	.9960	.0751	0.0000	1.1070	.9955	.0804
.0075	-.8596	.5158	1.0203	.0100	.5947	.8715	.4473
.0101	-1.0701	.4655	1.1050	.0177	.3624	.8135	.3506
.0164	-1.3794	.3888	1.2450	.0526	-.0806	.7061	.2225
.0200	-1.4815	.3642	1.2938	.1023	-.3063	.6501	.4088
.0265	-1.3651	.3960	1.2310	.1527	-.3681	.6350	.8320
.0308	-1.4754	.3668	1.2883	.2020	-.4281	.6212	.8532
.0364	-.9153	.5020	1.0431	.2770	-.4946	.6047	.8788
.0518	-.6646	.5775	.9213	.3757	-.4487	.6163	.8609
.0769	-.5436	.5933	.8965	.4507	-.3120	.6493	.8101
.1019	-.4856	.6063	.8764	.5257	-.1305	.6940	.7413
.1518	-.4152	.6235	.8498	.6007	.0323	.7332	.6805
.2019	-.3679	.6399	.8306	.6755	.1684	.7668	.6272
.2519	-.3654	.6362	.8301	.7173	.2284	.7818	.6031
.3018	-.3586	.6378	.8277	.8507	.3410	.8087	.5588
.4018	-.3799	.6327	.8356	.9010	.5481	.8102	.5562
.4519	-.3856	.6318	.8369	.9508	.8003	.7986	.5756
.5020	-.3810	.6324	.8361	1.0000	.1147	.7540	.6477
.5270	-.3886	.6311	.8379				
.5520	-.3874	.6319	.8367				
.5770	-.3930	.6297	.8442				
.6020	-.4016	.6272	.8440				
.6270	-.4061	.6262	.8456				
.6519	-.4089	.6266	.8450				
.6770	-.4148	.6252	.8471				
.7020	-.4104	.6251	.8472				
.7516	-.3839	.6330	.8351				
.8017	-.3185	.6479	.8121				
.8519	-.2334	.6682	.7810				
.9012	-.1393	.6918	.7446				
.9518	-.0171	.7212	.6992				
1.0000	.1162	.7545	.6470				

TEST 118 RUN 63 POINT 3 GRIT ***OFF***
 PT = 3.5908 TT = 170.1 M,INF = .6956 RC*E06 = 14.95 ALPHA = 1.50
 CM = .3782 CM,25 = -.1036

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	1.0579	.9905	.1169	0.0000	1.0890	.9902	.1188
.0075	-.9826	.4843	1.0728	.0100	.6656	.8873	.4165
.0101	-1.1623	.4365	1.1561	.0177	.4376	.8305	.3216
.0164	-1.4777	.3610	1.3002	.0526	-.0068	.7208	.6998
.0200	-1.5771	.3362	1.3520	.1023	-.2427	.6636	.7880
.0265	-1.5978	.3334	1.3582	.1527	-.3131	.6498	.8154
.0308	-1.5412	.3309	1.3634	.2020	-.3783	.6315	.8373
.0364	-1.5443	.3423	1.3340	.2770	-.4537	.6114	.8684
.0518	-.9112	.4988	1.0485	.3757	-.4177	.6206	.8542
.0769	-.5547	.5859	.9081	.4507	-.2911	.6513	.8069
.1019	-.5206	.5954	.8934	.5257	-.1147	.6946	.7403
.1518	-.4565	.6106	.8658	.6007	.0444	.7331	.6806
.2019	-.4651	.6250	.8474	.6755	.1790	.7661	.6285
.2519	-.3996	.6247	.8479	.7173	.2383	.7814	.6037
.3018	-.3896	.6275	.8436	.8507	.3474	.8088	.5588
.4018	-.4080	.6231	.8504	.9010	.5537	.8095	.5573
.4519	-.4099	.6220	.8570	.9508	.8031	.7977	.5770
.5020	-.4025	.6229	.8506	1.0000	.1139	.7512	.6521
.5270	-.4085	.6212	.8533				
.5520	-.4061	.6230	.8506				
.5770	-.4110	.6227	.8511				
.6020	-.4178	.6196	.8557				
.6270	-.4220	.6197	.8557				
.6519	-.4207	.6199	.8553				
.6770	-.4284	.6187	.8572				
.7020	-.4220	.6203	.8548				
.7516	-.3917	.6277	.8433				
.8017	-.3231	.6491	.8165				
.8519	-.2359	.6653	.7854				
.9012	-.1386	.6896	.7480				
.9518	-.0171	.7197	.7015				
1.0000	.1139	.7516	.6514				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 63 POINT 4 GRIT ***OFF***
 PT = 3.5915 TT = 170.3 M,INF = .6937 RC*E06 = 14.90 ALPHA = 1.75
 CN = .4124 CM.25 = -.1022

CD2 CD1 CD3 CD4 CD5
 .C1034 .C1029(-.00005) .01026(-.00008) .00983(-.00031) .00937(-.00097)
 CDCDR2 CDCUR1 CDCDR3 CDCDR4 CDCDR5
 .00969 .C0985(-.00001) .C0965(-.00031) .00937(-.00033) .00907(-.00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0758	.9876	.1336	0.0000	1.0713	.9867	.1381
.0075	-1.0621	.4661	1.1039	.0100	.4994	.8953	.4802
.0101	-1.2296	.4254	1.1763	.0177	.4732	.8402	.5046
.0164	-1.5353	.3477	1.3277	.0526	.0293	.7320	.6823
.0200	-1.6375	.3243	1.3780	.1023	-.2091	.6733	.7731
.0265	-1.6544	.3184	1.3911	.1527	-.2826	.6552	.8009
.0306	-1.6684	.3183	1.3913	.2020	-.3503	.6393	.8234
.0364	-1.6214	.3282	1.3694	.2770	-.4282	.6193	.8563
.0518	-.3637	.3906	1.2415	.3757	-.3992	.6273	.8439
.0769	-.6014	.5779	.9208	.4507	-.2781	.6370	.7981
.1019	-.9238	.5963	.8919	.5257	-.1064	.6977	.7353
.1518	-.4718	.6069	.8723	.6007	.0501	.7368	.6748
.2019	-.4208	.6224	.8519	.6755	.1831	.7692	.6235
.2519	-.4145	.6226	.8511	.7173	.2426	.7834	.6005
.3018	-.4044	.6260	.8458	.8507	.3500	.8105	.5557
.4018	-.4181	.6228	.8508	.9010	.3548	.8114	.5342
.4519	-.4212	.6207	.8540	.9508	.3035	.7993	.5744
.5020	-.4117	.6238	.8492	1.0000	.1131	.7514	.6518
.5270	-.4172	.6222	.8517				
.5520	-.4130	.6228	.8509				
.5770	-.4179	.6230	.8506				
.6020	-.4247	.6207	.8540				
.6270	-.4273	.6209	.8537				
.6519	-.4261	.6192	.8564				
.6770	-.4329	.6184	.8571				
.7020	-.4250	.6196	.8558				
.7516	-.3941	.6273	.8438				
.8017	-.3258	.6439	.8183				
.8519	-.2373	.6664	.7837				
.9012	-.1386	.6897	.7478				
.9516	-.0167	.7204	.7064				
1.0000	.1129	.7522	.6505				

TEST 118 RUN 63 POINT 5 GRIT ***OFF***
 PT = 3.5910 TT = 170.5 M,INF = .6920 RC*E06 = 14.80 ALPHA = 2.01
 CN = .4430 CM.25 = -.1016

CD2 CD1 CD3 CD4 CD5
 .C1109 .C1100(-.00006) .01034(-.00034) .01047(-.00062) .01007(-.00101)
 CDCDR2 CDCUR1 CDCDR3 CDCDR4 CDCDR5
 .C1037 .C1033(-.00004) .C1040(-.00033) .C0991(-.00046) .00977(-.00060)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0643	.9841	.1512	0.0000	1.0559	.9829	.1570
.0075	-1.1267	.4497	1.1326	.0100	.7325	.9036	.3828
.0101	-1.2761	.4123	1.2003	.0177	.5095	.8493	.4882
.0164	-1.5911	.3350	1.3547	.0526	.0659	.7412	.6679
.0200	-1.6941	.3115	1.4067	.1023	-.1756	.6822	.7593
.0265	-1.7147	.3049	1.4218	.1527	-.2546	.6633	.7884
.0306	-1.7179	.3042	1.4235	.2020	-.3256	.6453	.8161
.0364	-1.6765	.3158	1.3970	.2770	-.4052	.6258	.8462
.0518	-1.5841	.3413	1.3412	.3757	-.3814	.6320	.8366
.0769	-.7465	.5428	.9765	.4507	-.2652	.6601	.7935
.1019	-.5275	.5462	.8920	.5257	-.0986	.7809	.7306
.1518	-.4618	.6079	.8739	.6007	.0563	.7381	.6728
.2019	-.4361	.6183	.8577	.6755	.1875	.7710	.6206
.2519	-.4363	.6197	.8557	.7173	.2459	.7850	.5978
.3018	-.4182	.6230	.8505	.8507	.3529	.8110	.5549
.4018	-.4292	.6200	.8552	.9010	.3568	.8121	.5342
.4519	-.4323	.6194	.8561	.9508	.3033	.7995	.5742
.5020	-.4210	.6212	.8532	1.0000	.1112	.7521	.6508
.5270	-.4251	.6215	.8529				
.5520	-.4219	.6214	.8522				
.5770	-.4252	.6208	.8539				
.6020	-.4413	.6195	.8560				
.6270	-.4344	.6188	.8570				
.6519	-.4325	.6192	.8564				
.6770	-.4374	.6176	.8588				
.7020	-.4302	.6196	.8555				
.7516	-.3966	.6274	.8437				
.8017	-.3252	.6450	.8166				
.8519	-.2386	.6678	.7819				
.9012	-.1397	.6920	.7444				
.9516	-.0182	.7219	.6981				
1.0000	.1118	.7519	.6510				

ORDER OF PRIORITY OF FLOOR QUALITY

TABLE II.- Continued.

TEST 118 RUM 63 POINT 6 GRIT ***OFF***
 PT = 3.5423 TT = 170.4 M,INF = .6935 RC*E06 = 14.89 ALPHA = 2.23
 CM = .4737 CM,25 = -.1011

CD2 CD1 CD3 CD4 CD5
 .01193 .01184(-.00009) .01192(-.00001) .01132(-.00062) .01096(-.00098)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01126 .01176(-.00006) .01132(-.00006) .01080(-.00046) .01063(-.00064)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.6437	.9801	.1699	0.0000	1.0416	.9793	.1730
.0075	-1.1808	.4359	1.1580	.0100	.7610	.9111	.3668
.0101	-1.3370	.3986	1.2262	.0177	.9417	.8578	.4728
.0164	-1.6480	..	1.3779	.0526	.0982	.7496	.6546
.0200	-1.7347	.3018	1.4290	.1023	-.1451	.6867	.7494
.0265	-1.7729	.2930	1.4498	.1527	-.2277	.6696	.7789
.0308	-1.7699	.2929	1.4502	.2020	-.3007	.6509	.8075
.0364	-1.7291	.3032	1.4258	.2770	-.3839	.6303	.8392
.0518	-1.6391	.3265	1.3732	.3757	-.4655	.6150	.8620
.0769	-.9745	.4881	1.0663	.4507	-.2536	.6622	.7902
.1019	-.6082	.5753	.9248	.5257	-.0893	.7028	.7277
.1518	-.4786	.6083	.8732	.6007	.0621	.7401	.6896
.2019	-.4439	.6159	.8615	.6755	.1922	.7721	.6188
.2519	-.4421	.6161	.8612	.7173	.2503	.7859	.5964
.3018	-.4305	.6191	.8565	.8507	.3554	.8117	.5537
.4018	-.4415	.6162	.8610	.9010	.3592	.8129	.5517
.4519	-.4419	.6166	.8604	.9508	.3070	.7997	.5738
.5020	-.4305	.6198	.8595	1.0000	.1097	.7516	.6514
.5270	-.4343	.6192	.8564				
.5520	-.4296	.6197	.8556				
.5770	-.4330	.6190	.8566				
.6020	-.4382	.6182	.8579				
.6270	-.4409	.6168	.8601				
.6519	-.4393	.6175	.8590				
.6770	-.4426	.6162	.8611				
.7020	-.4353	.6182	.8579				
.7516	-.4009	.6276	.8433				
.8017	-.3261	.6459	.8152				
.8519	-.2393	.6670	.7828				
.9012	-.1403	.6896	.7481				
.9516	-.0183	.7261	.7009				
1.0000	.1109	.7516	.6515				

TEST 118 RUM 63 POINT 7 GRIT ***OFF***
 PT = 3.5432 TT = 170.3 M,INF = .6544 RC*E06 = 14.91 ALPHA = 2.31
 CM = .5136 CM,25 = -.0944

CD2 CD1 CD3 CD4 CD5
 .01318 .01307(-.00011) .01314(-.00004) .01295(-.00063) .01228(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01241 .01255(-.00006) .01244(-.00004) .01195(-.00046) .01190(-.00050)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0304	.9766	.1839	0.0000	1.0278	.9759	.1847
.0075	-1.2265	.4241	1.1786	.0100	.7891	.9173	.3528
.0101	-1.3794	.3865	1.2494	.0177	.5721	.8643	.4605
.0164	-1.6792	.3133	1.4025	.0526	.1299	.7559	.6447
.0200	-1.7528	.2933	1.4492	.1023	-.1158	.6959	.7383
.0265	-1.7977	.2836	1.4726	.1527	-.2002	.6757	.7694
.0308	-1.6010	.2830	1.4741	.2020	-.2763	.6566	.7985
.0364	-1.7579	.2921	1.4522	.2770	-.3614	.6370	.8289
.0518	-1.6784	.3139	1.4012	.3757	-.3495	.6393	.8254
.0769	-1.5433	.3462	1.3308	.4507	-.2427	.6662	.7840
.1019	-.7846	.5371	.9897	.5257	-.0818	.7058	.7231
.1518	-.4646	.6111	.8689	.6007	.0708	.7386	.6719
.2019	-.4450	.6155	.8621	.6755	.1997	.7703	.6216
.2519	-.4509	.6152	.8626	.7173	.2568	.7844	.5985
.3018	-.4411	.6169	.8597	.8507	.3604	.8109	.5551
.4018	-.4522	.6151	.8627	.9010	.3642	.8117	.5536
.4519	-.4513	.6157	.8617	.9508	.3100	.7987	.5754
.5020	-.4491	.6176	.8666	1.0000	.1087	.7521	.6507
.5270	-.4459	.6108	.8694				
.5520	-.4401	.6124	.8670				
.5770	-.4426	.6129	.8661				
.6020	-.4472	.6117	.8680				
.6270	-.4486	.6119	.8677				
.6519	-.4433	.6175	.8590				
.6770	-.4462	.6162	.8611				
.7020	-.4377	.6192	.8564				
.7516	-.4009	.6263	.8454				
.8017	-.3300	.6433	.8192				
.8519	-.2394	.6658	.7847				
.9012	-.1412	.6900	.7473				
.9516	-.0187	.7202	.7066				
1.0000	.1102	.7520	.6508				

ORIGINAL OF RECORD

TABLE II.- Continued.

TEST 116 RUN 63 POINT 8 GRIT ***OFF***
 PT = 3.5934 TT = 170.4 M.INF = .6947 RC*E06 = 14.90 ALPHA = 2.98
 CM = .5806 CM.25 = -.00955

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0042	.9697	.2099	0.0000	.9989	.9686	.2138
.0075	-1.3675	.4023	1.2192	.0100	.8373	.9287	.3264
.0101	-1.4465	.3683	1.2854	.0177	.6262	.8772	.4363
.0164	-1.7296	.2969	1.4407	.0526	.1885	.7695	.6230
.0200	-1.8226	.2752	1.4937	.1023	-.0630	.7073	.7208
.0265	-1.8609	.2652	1.5191	.1527	-.1538	.6850	.7551
.0308	-1.8693	.2651	1.5194	.2020	-.2335	.6654	.7852
.0364	-1.8301	.2713	1.5033	.2770	-.3243	.6430	.8185
.0518	-1.7527	.2935	1.4488	.3757	-.3216	.6441	.8180
.0764	-1.6652	.3141	1.4008	.4507	-.2218	.6710	.7766
.1019	-1.4806	.3586	1.3020	.5257	-.0660	.7082	.7193
.1518	-.5877	.5783	.9201	.6007	.0807	.7433	.6646
.2019	-.4206	.6194	.8561	.6753	.2061	.7749	.6142
.2519	-.4481	.6134	.8654	.7173	.2618	.7886	.5920
.3018	-.4510	.6123	.8671	.8507	.3636	.8134	.5507
.4018	-.4695	.6105	.8698	.9010	.3656	.8141	.5497
.4519	-.4689	.6097	.8711	.9508	.3114	.8006	.5723
.5020	-.4537	.6121	.8673	1.0000	.1077	.7510	.6524
.5270	-.4573	.6127	.8665				
.5520	-.4520	.6141	.8643				
.5770	-.4526	.6138	.8648				
.6020	-.4564	.6131	.8658				
.6270	-.4561	.6128	.8663				
.6519	-.4516	.6143	.8640				
.6770	-.4529	.6135	.8647				
.7020	-.4445	.6154	.8624				
.7270	-.4063	.6253	.8470				
.8017	-.3333	.6430	.8197				
.8519	-.2404	.6650	.7858				
.9012	-.1421	.6893	.7485				
.9518	-.0194	.7189	.7027				
1.0000	.1084	.7511	.6523				

TEST 116 RUN 63 POINT 9 GRIT ***OFF***
 PT = 3.5928 TT = 170.0 M.INF = .6928 RC*E06 = 14.93 ALPHA = 3.38
 CM = .5806 CM.25 = -.00933

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0042	.9697	.2099	0.0000	.9989	.9686	.2138
.0075	-1.4105	.3796	1.2630	.0100	.8860	.9413	.2945
.0101	-1.5125	.3536	1.3155	.0177	.6823	.8915	.4080
.0164	-1.8474	.2773	1.4883	.0526	.2485	.7847	.5904
.0200	-1.9153	.2565	1.5341	.1023	-.0073	.7227	.6968
.0265	-1.9516	.2477	1.5659	.1527	-.1039	.6995	.7328
.0308	-1.9730	.2464	1.5693	.2020	-.1864	.6797	.7633
.0364	-1.9433	.2527	1.5523	.2770	-.2823	.6571	.7980
.0518	-1.8449	.2735	1.4979	.3757	-.2888	.6542	.8324
.0764	-1.7644	.2910	1.4546	.4507	-.1959	.6762	.7667
.1019	-1.6891	.3123	1.4049	.5257	-.0503	.7130	.7119
.1518	-.8635	.5134	1.0235	.6007	.0923	.7475	.6579
.2019	-.6876	.6067	.8757	.6753	.2148	.7785	.6085
.2519	-.6316	.6209	.8538	.7173	.2706	.7906	.5887
.3018	-.6453	.6160	.8614	.8507	.3678	.8156	.5472
.4018	-.6755	.6077	.8742	.9010	.3693	.8133	.5475
.4519	-.6823	.6076	.8744	.9508	.3146	.8012	.5712
.5020	-.6824	.6113	.8686	1.0000	.1032	.7505	.6532
.5270	-.6885	.6121	.8674				
.5520	-.6812	.6116	.8682				
.5770	-.6865	.6133	.8655				
.6020	-.6835	.6120	.8676				
.6270	-.6824	.6109	.8693				
.6519	-.6574	.6137	.8649				
.6770	-.6474	.6117	.8680				
.7020	-.6475	.6161	.8611				
.7270	-.6056	.6257	.8463				
.8017	-.3306	.6443	.8176				
.8519	-.2432	.6689	.7830				
.9012	-.1433	.6914	.7453				
.9518	-.0222	.7195	.7019				
1.0000	.1049	.7496	.6548				

TABLE II.- Continued.

TEST 118 RUN 03 POINT 10 GRIT ***OFF***
 PT = 3.5914 TT = 170.5 M,INF = .6946 RC*E06 = 14.88 ALPHA = 3.96
 CM = .7061 CM,25 = -.0901

UPPER SURFACE				LOWER SURFACE			
K/C	CP	P/PT	MLOC	K/C	CP	P/PT	MLOC
0.0000	.9366	.4534	.2616	0.0000	.9326	.9523	.2649
.0075	-1.4749	.3611	1.3000	.0100	.9235	.9504	.2703
.0101	-1.5634	.3377	1.3489	.0177	.9177	.9018	.2866
.0184	-1.8892	.2605	1.5313	.0526	.2977	.7964	.3793
.0200	-1.9311	.2445	1.5746	.1023	.0396	.7326	.6011
.0265	-2.0117	.2319	1.6104	.1527	-.0629	.7080	.7197
.0308	-1.9981	.2307	1.6140	.2020	-.1498	.6862	.7333
.0364	-1.0615	.2170	1.5958	.2770	-.2492	.6619	.7906
.0518	-1.9113	.2560	1.5432	.3757	-.2643	.6572	.7979
.0769	-1.8338	.2729	1.4993	.4507	-.1804	.6804	.7622
.1019	-1.7564	.2915	1.4535	.5257	-.0361	.7134	.7113
.1518	-1.3104	.4002	1.2231	.6007	.1014	.7477	.6377
.2019	-.7918	.5284	.9997	.6755	.2225	.7774	.6091
.2519	-.4701	.6054	.8777	.7173	.2768	.7912	.5878
.3018	-.4119	.6213	.8531	.8507	.3727	.8150	.5482
.4018	-.4747	.6084	.8732	.9010	.4730	.8154	.5474
.4519	-.4785	.6044	.8793	.9308	.5715	.8091	.5730
.5020	-.4701	.6071	.8751	1.0000	.6992	.7483	.6560
.5270	-.4752	.6070	.8753				
.5524	-.4659	.6085	.8726				
.5770	-.4673	.6088	.8724				
.6020	-.4720	.6084	.8730				
.6270	-.4664	.6075	.8744				
.6519	-.4598	.6113	.8686				
.6770	-.4607	.6095	.8713				
.7020	-.4480	.6122	.8672				
.7518	-.4111	.6252	.8470				
.8017	-.3306	.6437	.8186				
.8519	-.2412	.6673	.7854				
.9012	-.1433	.6884	.7499				
.9518	-.0233	.7170	.7056				
1.0000	.1004	.7475	.6580				

TEST 118 RUN 03 POINT 11 GRIT ***OFF***
 PT = 3.5927 TT = 170.5 M,INF = .6912 RC*E06 = 14.81 ALPHA = 4.99
 CM = .7335 CM,25 = -.0922

UPPER SURFACE				LOWER SURFACE			
K/C	CP	P/PT	MLOC	K/C	CP	P/PT	MLOC
0.0000	.9507	.9354	.3099	0.0000	.9523	.9335	.3147
.0075	-1.6543	.3231	1.3806	.0100	.9875	.9665	.2208
.0101	-1.6973	.3164	1.3957	.0177	.9079	.9229	.3400
.0184	-2.0346	.2296	1.6172	.0526	.3905	.8220	.5362
.0200	-2.0033	.2174	1.6537	.1023	.1283	.7575	.6421
.0265	-2.1465	.2043	1.6980	.1527	-.0135	.7304	.6848
.0308	-2.1934	.2097	1.6991	.2020	-.0770	.7053	.7238
.0364	-2.1214	.2106	1.6750	.2770	-.1893	.6797	.7653
.0518	-2.0008	.2291	1.5215	.3757	-.2147	.6701	.7701
.0769	-1.9463	.2431	1.5785	.4507	-.1479	.6916	.7450
.1019	-1.8235	.2565	1.5367	.5257	-.0150	.7229	.6966
.1518	-1.0115	.2877	1.4626	.6007	.1126	.7546	.6467
.2019	-1.1345	.4463	1.1383	.6755	.2298	.7827	.6014
.2519	-.4907	.5073	1.0343	.7173	.2822	.7945	.5823
.3018	-.6547	.5619	.9460	.8507	.3711	.8165	.5455
.4018	-.4419	.6204	.8546	.9010	.4703	.8164	.5457
.4519	-.4564	.6156	.8620	.9308	.5708	.8009	.5717
.5020	-.4622	.6154	.8622	1.0000	.6995	.7455	.6611
.5270	-.4664	.6137	.8649				
.5524	-.4599	.6137	.8649				
.5770	-.4600	.6143	.8640				
.6020	-.4643	.6134	.8654				
.6270	-.4604	.6134	.8654				
.6519	-.4534	.6165	.8603				
.6770	-.4506	.6163	.8609				
.7020	-.4354	.6211	.8535				
.7518	-.3959	.6496	.8404				
.8017	-.3236	.6867	.8134				
.8519	-.2356	.6877	.7835				
.9012	-.1430	.6919	.7446				
.9518	-.0311	.7167	.7030				
1.0000	.0743	.7455	.6614				

OF POOR QUALITY

TABLE II.- Continued.

PT = 3.9297 TEST 118 RUN 64 POINT 1 GRIT ***OFF***
 CN = .1807 TT = 169.1 M.INF = .7194 RC*E06 = 15.13 ALPHA = -.02

CD2 CD1 CD3 CD4 CD5
 .00841 .00844(.00003) .00839(-.00002) .00813(-.00028) .00767(-.00074)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00762 .00788(.00006) .00784(.00002) .00768(-.00014) .00748(-.00034)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1542	1.0046	0.0009	0.0000	1.1530	1.0044	0.0000
.0075	-.4954	.5811	.9158	.0100	.4270	.8184	.9424
.3161	-.6894	.5321	.9938	.0177	.1870	.7576	.6421
.0164	-.9341	.4664	1.1035	.0526	-.2509	.6440	.8181
.0200	-.9525	.4637	1.1082	.1023	-.4780	.5859	.9083
.0265	-.9522	.5572	.9535	.1527	-.5239	.5724	.9294
.3308	-.0784	.5339	.9909	.2020	-.5799	.5583	.9518
.0364	-.5371	.5703	.9327	.2770	-.6498	.5395	.9817
.0518	-.4473	.5954	.8934	.3757	-.5476	.5667	.9384
.0769	-.3942	.6073	.8749	.4507	-.3109	.6123	.8671
.1019	-.3537	.6178	.8586	.5257	-.1649	.6655	.7852
.1518	-.3086	.6276	.8432	.6007	.0100	.7095	.7173
.2019	-.2788	.6358	.8309	.6755	.1538	.7473	.6583
.2519	-.2699	.6325	.8358	.7173	.2171	.7634	.6320
.3018	-.2911	.6327	.8356	.8507	.3355	.7949	.5817
.4018	-.3285	.6232	.8502	.9010	.3449	.7974	.5776
.4519	-.3410	.6202	.8549	.9508	.3022	.7849	.5981
.5020	-.3472	.6185	.8575	1.0000	.1272	.7403	.6693
.5520	-.3523	.6172	.8565				
.5770	-.3542	.6163	.8609				
.6020	-.3632	.6158	.8617				
.6270	-.3750	.6129	.8661				
.6519	-.3849	.6078	.8740				
.6770	-.3875	.6079	.8739				
.7020	-.4004	.6091	.8783				
.7516	-.3947	.6057	.8774				
.8017	-.3745	.6117	.8660				
.8519	-.3113	.6279	.8430				
.9012	-.2278	.6493	.8101				
.9518	-.1346	.6746	.7711				
1.0000	-.0111	.7053	.7238				
	.1266	.7411	.6681				

PT = 3.5295 TEST 118 RUN 64 POINT 2 GRIT ***OFF***
 CN = .3216 TT = 169.2 M.INF = .7142 RC*E06 = 15.05 ALPHA = 1.00

CD2 CD1 CD3 CD4 CD5
 .00928 .00917(-.00011) .00918(-.00010) .00878(-.00050) .00827(-.00101)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00869 .00862(-.00007) .00861(-.00007) .00831(-.00037) .00809(-.00060)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1249	.9976	.0587	0.0000	1.1217	.9969	.0662
.0075	-.7801	.5136	1.0239	.0100	.5998	.8641	.4612
.0101	-.9727	.4633	1.1089	.0177	.3680	.8052	.5645
.0164	-1.2855	.3833	1.2557	.0526	-.0771	.6921	.7442
.0200	-1.3969	.3557	1.3116	.1023	-.3142	.6313	.8378
.0265	-1.3916	.3573	1.3677	.1527	-.3794	.6146	.8635
.3308	-1.3848	.3557	1.3110	.2020	-.4436	.5978	.8895
.364	-1.3504	.3675	1.2869	.2770	-.5180	.5787	.9194
.518	-.6333	.5506	.9640	.3757	-.4656	.5921	.8984
.0769	-.5200	.5794	.9183	.4507	-.3179	.6304	.8392
.1019	-.4827	.5684	.9043	.5257	-.1295	.6786	.7650
.1518	-.4179	.6048	.8787	.6007	.0365	.7200	.7011
.2019	-.3689	.6140	.8600	.6755	.1749	.7550	.6462
.2519	-.3663	.6169	.8600	.7173	.2366	.7709	.6208
.3018	-.3638	.6181	.8580	.8507	.3496	.8001	.5731
.4018	-.3878	.6126	.8667	.9010	.3558	.8013	.5711
.4519	-.3952	.6110	.8691	.9508	.3073	.7895	.5906
.5020	-.3912	.6109	.8693	1.0000	.1219	.7418	.6670
.5270	-.3979	.6087	.8726				
.5520	-.3969	.6092	.8719				
.5770	-.4046	.6079	.8738				
.6020	-.4117	.6055	.8776				
.6270	-.4187	.6047	.8769				
.6519	-.4200	.6036	.8805				
.6770	-.4261	.6038	.8802				
.7020	-.4206	.6042	.8796				
.7516	-.3937	.6142	.8642				
.8017	-.3212	.6309	.8383				
.8519	-.2329	.6524	.8053				
.9012	-.1345	.6770	.7675				
.9518	-.0100	.7085	.7189				
1.0000	.1225	.7432	.6649				

TABLE II.- Continued.

PT = 3.5364 TEST 118 RUN 64 POINT 3 GRIT ***OFF***
 CN = .3858 TT = 169.8 M, INF = .7131 RC*E06 = 14.99 ALPHA = 1.50
 CD2 CD1 CD3 CD4 CD5
 .01003 .01011(-.00008) .01008(-.00003) .00957(-.00046) .00923(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00994 .00957(-.00013) .00951(-.00007) .00911(-.00033) .00895(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1040	.9925	.1039	0.0000	1.1012	.9917	.1088
.0075	-.9011	.4830	1.0750	.0100	.6698	.8817	.4273
.0161	-1.0959	.4362	1.1564	.0177	.4420	.8236	.9335
.0164	-1.3904	.3589	1.3045	.0526	-.0076	.7109	.7151
.0200	-1.4859	.3331	1.3587	.1023	-.2451	.6493	.8100
.0265	-1.5104	.3264	1.3733	.1927	-.3178	.6301	.8396
.0308	-1.5293	.3266	1.3729	.2020	-.3894	.6122	.8672
.0364	-1.4791	.3349	1.3550	.2770	-.4684	.5916	.8992
.0318	-1.3635	.3634	1.2952	.3757	-.4296	.6023	.8826
.0769	-.5864	.5623	.9446	.4507	-.2943	.6387	.8264
.1010	-.4674	.5878	.9053	.5257	-.1124	.6841	.7565
.1518	-.4485	.5968	.8912	.6007	.0484	.7246	.6939
.2019	-.4040	.6085	.8730	.6755	.1841	.7593	.6394
.2519	-.4019	.6086	.8728	.7173	.2434	.7748	.6144
.3018	-.3934	.6115	.8683	.8507	.3546	.8024	.5693
.4018	-.4131	.6086	.8728	.9010	.3598	.8041	.5665
.4519	-.4164	.6071	.8752	.9508	.3096	.7908	.5885
.5020	-.4150	.6082	.8734	1.0000	.1185	.7429	.6652
.5270	-.4133	.6086	.8748				
.5520	-.4200	.6058	.8728				
.5770	-.4262	.6049	.8772				
.6020	-.4317	.6026	.8785				
.6270	-.4314	.6036	.8822				
.6519	-.4368	.6015	.8805				
.6770	-.4311	.6021	.8838				
.7020	-.3984	.6108	.8829				
.7270	-.3249	.6289	.8695				
.7516	-.2353	.6531	.8414				
.7766	-.1347	.6782	.8041				
.8017	-.0164	.7090	.7656				
.8267	.1202	.7429	.7181				
.8519			.6653				
.8769							
.9012							
.9262							
.9512							
1.0000							

PT = 3.5376 TEST 118 RUN 64 POINT 4 GRIT ***OFF***
 CN = .4133 TT = 169.7 M, INF = .7151 RC*E06 = 15.04 ALPHA = 1.72
 CD2 CD1 CD3 CD4 CD5
 .01066 .01060(-.00006) .01060(-.00006) .01008(-.00058) .00975(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00996 .00996(-.00000) .01000(-.00004) .00956(-.00040) .00950(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0966	.9902	.1188	0.0000	1.0925	.9891	.1249
.0075	-.9421	.4690	1.0989	.0100	.6982	.8886	.4139
.0161	-1.1171	.4265	1.1743	.0177	.4731	.8311	.9205
.0164	-1.4230	.3476	1.3278	.0526	.0283	.7182	.7038
.0200	-1.5243	.3229	1.3810	.1023	-.2161	.6559	.7998
.0265	-1.5476	.3152	1.3984	.1927	-.2924	.6362	.8302
.0308	-1.5510	.3159	1.3967	.2020	-.3653	.6174	.8591
.0364	-1.5211	.3238	1.3792	.2770	-.4489	.5969	.8910
.0318	-1.4191	.3481	1.3269	.3757	-.4157	.6031	.8782
.0769	-.8204	.5019	1.0432	.4507	-.2834	.6393	.8253
.1010	-.4980	.5841	.9109	.5257	-.1049	.6846	.7557
.1518	-.4492	.5962	.8921	.6007	.0551	.7232	.6929
.2019	-.4129	.6053	.8780	.6755	.1894	.7597	.6387
.2519	-.4150	.6055	.8776	.7173	.2489	.7764	.6151
.3018	-.4054	.6077	.8741	.8507	.3583	.8021	.5697
.4018	-.4245	.6034	.8808	.9010	.3635	.8036	.5673
.4519	-.4277	.6024	.8824	.9508	.3126	.7902	.5894
.5020	-.4196	.6043	.8794	1.0000	.1196	.7409	.6684
.5270	-.4248	.6044	.8808				
.5520	-.4219	.6035	.8808				
.5770	-.4266	.6020	.8830				
.6020	-.4339	.6004	.8855				
.6270	-.4392	.5984	.8887				
.6519	-.4397	.5981	.8891				
.6770	-.4443	.5972	.8906				
.7020	-.4375	.5996	.8868				
.7270	-.4026	.6782	.8735				
.7516	-.3272	.6266	.8450				
.7766	-.2365	.6501	.8088				
.8017	-.1362	.6766	.7680				
.8267	-.0102	.7086	.7188				
.8519	.1208	.7413	.6677				
.8769							
.9012							
.9262							
.9512							
1.0000							

TABLE II.- Continued.

PT = 3.5375 TEST 118 RUN 64 POINT 5 GRIT ***OFF***
 CN = .4555 TT = 170.4 M.INF = .7127 RC*E06 = 14.91 ALPHA = 2.01

CD2 CD1 CD3 CD4 CD5
 .01163 .C1156(-.00006) .01196(-.00007) .01104(-.00059) .01081(-.00082)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01095 .C1095(-.00001) .01093(-.00002) .01091(-.00044) .01049(-.00050)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	1.0682	.9867	.1384	0.0000	1.0786	.9856	.1439
.0075	-1.0082	.4524	1.1278	.0100	.7330	.8978	.3991
.0101	-1.1667	.4228	1.1994	.0177	.5115	.8410	.5031
.0164	-1.4711	.3344	1.3561	.0526	.0665	.7271	.6900
.0200	-1.5717	.3104	1.4092	.1023	-.1803	.6641	.7873
.0265	-1.6032	.3027	1.4271	.1527	-.2605	.6446	.8173
.0308	-1.5996	.3024	1.4278	.2020	-.3360	.6248	.8477
.0364	-1.5653	.3120	1.4055	.2770	-.4218	.6027	.8819
.0516	-1.4793	.3330	1.3589	.3797	-.3968	.6095	.8714
.0769	-1.3629	.3619	1.2984	.4507	-.2692	.6420	.8213
.1019	-.6547	.5429	.9763	.5297	-.0950	.6860	.7535
.1516	-.4360	.5999	.8864	.6007	.0613	.7266	.6908
.2019	-.4164	.6044	.8794	.6755	.1938	.7619	.6351
.2519	-.4245	.6021	.8830	.7173	.2529	.7765	.6117
.3018	-.4186	.6039	.8800	.8507	.3604	.8037	.5671
.4018	-.4374	.5991	.8876	.9010	.3643	.8058	.5635
.4519	-.4464	.5979	.8895	.9508	.3126	.7925	.5956
.5020	-.4315	.6010	.8846	1.0000	.1174	.7433	.6646
.5270	-.4344	.6027	.8819				
.5520	-.4307	.6030	.8814				
.5770	-.4354	.6016	.8837				
.6020	-.4412	.6023	.8826				
.6270	-.4433	.6013	.8841				
.6519	-.4419	.6019	.8832				
.6770	-.4476	.6001	.8860				
.7020	-.4402	.6022	.8827				
.7516	-.4046	.6168	.8694				
.8017	-.3284	.6299	.8399				
.8519	-.2368	.6533	.8039				
.9012	-.1355	.6779	.7460				
.9518	-.0116	.7098	.7169				
1.0000	.1163	.7433	.6646				

PT = 3.5359 TEST 118 RUN 64 POINT 6 GRIT ***OFF***
 CN = .4893 TT = 170.2 M.INF = .7119 RC*E06 = 14.93 ALPHA = 2.23

CD2 CD1 CD3 CD4 CD5
 .01260 .C1236(-.00022) .01248(-.00012) .01193(-.00067) .01173(-.00087)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01186 .C1176(-.00016) .01176(-.00010) .01134(-.00052) .01131(-.00055)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	1.0665	.9830	.1563	0.0000	1.0625	.9820	.1609
.0075	-1.0795	.4389	1.1518	.0100	.7631	.9060	.3777
.0101	-1.2321	.4032	1.2230	.0177	.5429	.8509	.4854
.0164	-1.5311	.3241	1.3784	.0526	.1003	.7379	.6730
.0200	-1.6221	.3013	1.4362	.1023	-.1480	.6749	.7760
.0265	-1.6583	.2916	1.4531	.1527	-.2323	.6338	.8031
.0308	-1.6583	.2922	1.4519	.2020	-.3077	.6338	.8339
.0364	-1.6294	.3005	1.4321	.2770	-.3964	.6121	.8674
.0516	-1.5519	.3212	1.3848	.3797	-.3764	.6163	.8609
.0769	-1.4449	.3450	1.3334	.4507	-.2573	.6474	.8129
.1019	-.8991	.4844	1.0727	.5297	-.0872	.6901	.7473
.1516	-.4352	.6023	.8825	.6007	.0677	.7302	.6852
.2019	-.4135	.6069	.8755	.6755	.1996	.7630	.6334
.2519	-.4312	.6032	.8811	.7173	.2579	.7777	.6098
.3018	-.4267	.6035	.8807	.8507	.2641	.8046	.5656
.4018	-.4473	.5993	.8873	.9010	.3676	.8060	.5633
.4519	-.4499	.5980	.8893	.9508	.3153	.7923	.5859
.5020	-.4387	.6019	.8832	1.0000	.1174	.7424	.6660
.5270	-.4423	.6010	.8861				
.5520	-.4370	.6010	.8846				
.5770	-.4418	.6000	.8862				
.6020	-.4476	.5994	.8871				
.6270	-.4512	.5978	.8895				
.6519	-.4484	.5989	.8878				
.6770	-.4523	.5971	.8907				
.7020	-.4446	.5992	.8875				
.7516	-.4082	.6089	.8724				
.8017	-.3313	.6277	.8433				
.8519	-.2383	.6513	.8069				
.9012	-.1375	.6782	.7656				
.9518	-.0121	.7090	.7181				
1.0000	.1167	.7421	.6665				

ORIGINAL FILED IN
OF POOR QUALITY

TABLE II.- Continued.

PT = 3.5377 TEST 118 RUN 64 POINT 7 GRIT ***OFF***
 CM = .5297 TT = 170.7 M,INF = .7131 RC*E06 = 14.88 ALPHA = 2.53

CD2 CD1 CD3 CD4 CD5
 .01395 .01374(-.00021) .01377(-.00018) .01326(-.00069) .01305(-.00089)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01319 .01306(-.00019) .01306(-.00013) .01266(-.00053) .01263(-.00056)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0569	.9802	.1692	0.0000	1.0505	.9787	.1752
.0075	-1.3217	.4281	1.1749	.0100	.7890	.9122	.3643
.0101	-1.2636	.3889	1.2447	.0177	.5735	.8574	.4735
.0164	-1.5926	.3141	1.4007	.0526	.1321	.7449	.6621
.0200	-1.6419	.2934	1.4490	.1023	-.1183	.6805	.7621
.0265	-1.6856	.2825	1.4753	.1527	-.2056	.6591	.7949
.0306	-1.6817	.2824	1.4757	.2020	-.2841	.6345	.8250
.0364	-1.6543	.2902	1.4565	.2770	-.3736	.6175	.8590
.0518	-1.5795	.3097	1.4109	.3757	-.3601	.6211	.8934
.0769	-1.4961	.3304	1.3647	.4507	-.2461	.6498	.8032
.1019	-1.3928	.4	1.3117	.5257	-.0799	.6930	.7427
.1518	-.5066	.7	.9132	.6007	.0744	.7309	.6841
.2019	-.3986	.6106	.8698	.6755	.2047	.7640	.6317
.2519	-.4277	.6038	.8803	.7173	.2623	.7791	.6076
.3016	-.4320	.6029	.8816	.8507	.3677	.8052	.5646
.4018	-.4558	.5956	.8915	.9010	.3711	.8062	.5630
.4519	-.4584	.5969	.8909	.9308	.3174	.7925	.5856
.5026	-.4466	.5985	.8884	1.0000	.1166	.7415	.6674
.5270	-.4508	.5975	.8906				
.5520	-.4461	.5994	.8871				
.5770	-.4479	.5978	.8896				
.6026	-.4541	.5965	.8916				
.6276	-.4556	.5981	.8923				
.6519	-.4536	.5967	.8914				
.6770	-.4571	.5957	.8928				
.7020	-.4485	.5982	.8890				
.7516	-.4094	.6674	.8747				
.8017	-.3324	.6279	.8429				
.8519	-.2390	.6514	.8067				
.9012	-.1370	.6772	.7671				
.9518	-.0129	.7086	.7187				
1.0000	.1176	.7418	.6670				

PT = 3.5364 TEST 118 RUN 64 POINT 8 GRIT ***OFF***
 CM = .5277 TT = 170.5 M,INF = .7128 RC*E06 = 14.89 ALPHA = 2.99

CD2 CD1 CD3 CD4 CD5
 .01734 .01702(-.00032) .01699(-.00035) .01657(-.00077) .01673(-.00061)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01644 .01624(-.00021) .01614(-.00030) .01588(-.00057) .01612(-.00032)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
.0000	1.0254	.9725	.1996	0.0000	1.0195	.9713	.2041
.0075	-1.2227	.4038	1.2163	.0100	.8395	.9250	.3351
.0101	-1.3323	.3714	1.2792	.0177	.6290	.8712	.4478
.0164	-1.6311	.2981	1.4379	.0526	.1910	.7599	.6384
.0200	-1.7271	.2759	1.4918	.1023	-.0610	.6958	.7384
.0265	-1.7538	.2651	1.5193	.1527	-.1566	.6716	.7758
.0306	-1.7507	.2648	1.5202	.2020	-.2374	.6515	.8066
.0364	-1.7473	.2708	1.5048	.2770	-.3340	.6278	.8411
.0518	-1.6485	.2906	1.4555	.3757	-.3299	.6276	.8434
.0769	-1.5847	.3078	1.4151	.4507	-.2234	.6560	.7997
.1019	-1.5047	.3284	1.3690	.5257	-.0621	.6946	.7403
.1518	-.3820	.4870	1.0662	.6007	.0815	.7331	.6806
.2019	-.4495	.5976	.8888	.6755	.2138	.7663	.6281
.2519	-.3976	.6117	.8681	.7173	.2705	.7805	.6053
.3018	-.4186	.6051	.8783	.8507	.3726	.8063	.5628
.4018	-.4647	.5948	.8943	.9010	.3747	.8072	.5612
.4519	-.4668	.5914	.8996	.9508	.3207	.7924	.5859
.5026	-.4568	.5947	.8945	1.0000	.1139	.7415	.6675
.5270	-.4626	.5945	.8947				
.5520	-.4557	.5958	.8927				
.5770	-.4540	.5949	.8940				
.6026	-.4633	.5943	.8950				
.6276	-.4632	.5924	.8950				
.6519	-.4606	.5958	.8981				
.6770	-.4625	.5940	.8955				
.7020	-.4505	.5982	.8889				
.7516	-.4114	.6678	.8740				
.8017	-.3348	.6271	.8443				
.8519	-.2449	.6535	.8036				
.9012	-.1386	.6786	.7650				
.9518	-.0159	.7075	.7205				
1.0000	.1149	.7408	.6685				

ORIGINAL DESIGN
OF POOR QUALITY

TABLE II.- Continued.

PT = 3.5377 TEST 116 RUN 64 POINT 9 GRIT ***OFF***
 CN = .6636 TT = 171.1 M,INF = .7142 RC*E06 = 14.84 ALPHA = 3.47

CD2 CD1 CD3 CD4 CD5
 .02142 .02113(-.00029) .02121(-.00021) .02098(-.00049) .02138(-.00004)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02635 .02621(-.00014) .02024(-.00011) .02018(-.00017) .02064(.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9985	.9656	.2240	0.0000	.9928	.9640	.2290
.0075	-1.2871	.3837	1.2548	.0100	.8826	.9351	.3083
.0101	-1.4196	.3545	1.3136	.0177	.6789	.8838	.4233
.0164	-1.6967	.2804	1.4806	.0526	.2466	.7734	.6166
.0200	-1.7754	.2616	1.5284	.1023	-.0098	.7083	.7192
.0265	-1.8198	.2489	1.5626	.1527	-.1085	.6837	.7572
.0308	-1.8416	.2478	1.5655	.2020	-.1954	.6610	.7920
.0364	-1.8060	.2539	1.5490	.2770	-.2947	.6364	.8299
.0518	-1.7186	.2725	1.5003	.3757	-.3005	.6349	.8322
.0769	-1.6543	.2885	1.4607	.4507	-.2024	.6606	.7923
.1019	-1.5840	.3070	1.4170	.5257	-.0475	.6992	.7332
.1515	-1.4712	.3368	1.3509	.6007	.0968	.7354	.6770
.2019	-.7399	.5223	1.0097	.6755	.2225	.7680	.6254
.2519	-.4451	.5981	.8891	.7173	.2779	.7826	.6017
.3016	-.3822	.6141	.8643	.8507	.3788	.8068	.5619
.4018	-.4557	.5965	.8917	.9010	.3808	.8075	.5607
.4519	-.4670	.5924	.8980	.9508	.3225	.7945	.5824
.5020	-.4611	.5931	.8968	1.0000	.1118	.7398	.6701
.5270	-.4878	.5923	.8981				
.5520	-.4636	.5943	.8950				
.5770	-.4613	.5922	.8983				
.6020	-.4672	.5910	.9002				
.6270	-.4762	.5935	.8962				
.6519	-.4649	.5930	.8971				
.6770	-.4619	.5926	.8976				
.7020	-.4548	.5949	.8941				
.7516	-.4131	.6060	.8768				
.8017	-.3341	.6279	.8429				
.8519	-.2408	.6496	.8095				
.9012	-.1395	.6764	.7683				
.9511	-.0155	.7063	.7222				
1.0000	.1235	.7395	.6706				

PT = 3.5355 TEST 118 RUN 64 POINT 10 GRIT ***OFF***
 CN = .7449 TT = 170.8 M,INF = .7197 RC*E06 = 14.95 ALPHA = 3.98

CD2 CD1 CD3 CD4 CD5
 .02721 .02694(-.00028) .02728(.00006) .02751(.00030) .02821(.00100)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02623 .02601(-.00022) .02634(.00011) .02689(.00046) .02747(.00124)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9776	.9589	.2451	0.0000	.9727	.9577	.2489
.0075	-1.3153	.3680	1.2860	.0100	.9213	.9446	.2862
.0101	-1.4179	.3425	1.3386	.0177	.7240	.8939	.4032
.0164	-1.7119	.2655	1.5183	.0526	.2974	.7840	.5995
.0200	-1.7866	.2474	1.5666	.1023	.0380	.7169	.7058
.0265	-1.8349	.2348	1.6021	.1527	-.0656	.6906	.7465
.0308	-1.8384	.2343	1.6035	.2020	-.1578	.6693	.7793
.0364	-1.8183	.2392	1.5895	.2770	-.2608	.6412	.8225
.0518	-1.7496	.2572	1.5400	.3757	-.2746	.6363	.8300
.0769	-1.6952	.2710	1.5040	.4507	-.1827	.6616	.7910
.1019	-1.6296	.2872	1.4638	.5257	-.0357	.7012	.7301
.1518	-1.5350	.3124	1.4047	.6007	.1077	.7363	.6757
.2019	-1.4319	.3434	1.3347	.6755	.2306	.7678	.6257
.2519	-.7673	.5111	1.0280	.7173	.2348	.7816	.6034
.3016	-.5071	.5764	.9231	.8507	.3822	.8076	.5605
.4018	-.4649	.6046	.8790	.9010	.3836	.8060	.5632
.4519	-.4426	.5974	.8903	.9508	.3259	.7920	.5864
.5020	-.4441	.5947	.8944	1.0000	.1097	.7359	.6762
.5270	-.4546	.5920	.8985				
.5520	-.4538	.5921	.8985				
.5770	-.4625	.5917	.8990				
.6020	-.4624	.5880	.9048				
.6270	-.4664	.5886	.9039				
.6519	-.4613	.5890	.9033				
.6770	-.4640	.5900	.9017				
.7020	-.4531	.5911	.9001				
.7516	-.4142	.6037	.8804				
.8017	-.3354	.6204	.8546				
.8519	-.2399	.6481	.8148				
.9012	-.1384	.6711	.7765				
.9518	-.0192	.7042	.7254				
1.0000	.1103	.7372	.6741				

ORIGINAL TEST REPORT
OF POOR QUALITY

TABLE II - Continued.

TEST 118 RUN 65 POINT 1 GRIT ***OFF***
 PT = 3.4748 IT = 169.6 M, INF = .7344 RC*E06 = 15.02 ALPHA = .01
 CN = .1841 CM.25 = -.1085

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
.0000	1.1628	1.0054	0.0000	0.0000	1.1628	1.0054	0.0000
.0075	-.4707	.5739	.9270	.0100	.4446	.8159	.5466
.0101	-.6528	.5237	1.0074	.0177	.2072	.7517	.6513
.0164	-.9292	.4524	1.1279	.0526	-.2369	.6341	.8335
.0200	-1.0276	.4247	1.1774	.1023	-.4784	.5706	.9322
.0265	-.5866	.5437	.9750	.1527	-.5312	.5386	.9513
.0308	-.7656	.4938	1.0568	.2020	-.5910	.5422	.9775
.0364	-.5335	.5957	.9359	.2770	-.6839	.5158	1.0203
.0518	-.4518	.5769	.9225	.3757	-.5636	.5496	.9653
.0769	-.4029	.5900	.9017	.4507	-.3723	.5995	.8870
.1019	-.3625	.6013	.8841	.5257	-.1622	.6553	.8008
.1516	-.3164	.6152	.8625	.6007	.0139	.7026	.6875
.2019	-.2836	.6234	.8900	.6755	.1590	.7411	.6081
.2519	-.2939	.6192	.8564	.7173	.2217	.7574	.5918
.3018	-.2979	.6199	.8553	.8507	.3413	.7888	.5873
.4018	-.3353	.6093	.8718	.9010	.3510	.7914	.5875
.4519	-.3501	.6057	.8774	.9508	.3066	.7797	.6066
.5020	-.3307	.6064	.8762	1.0000	.1320	.7338	.6795
.5270	-.3592	.6043	.8791				
.5520	-.3617	.6036	.8807				
.5770	-.4712	.6008	.8850				
.6020	-.3826	.5978	.8896				
.6270	-.3935	.5950	.8940				
.6519	-.3974	.5942	.8951				
.6770	-.4043	.5928	.8973				
.7020	-.4073	.5924	.8980				
.7516	-.3827	.5989	.8879				
.8017	-.3144	.6169	.8600				
.8519	-.2281	.6402	.8240				
.9012	-.1307	.6653	.7854				
.9518	-.0054	.6979	.7353				
1.0000	.1325	.7351	.6774				

TEST 118 RUN 65 POINT 2 GRIT ***OFF***
 PT = 3.4748 IT = 170.0 M, INF = .7344 RC*E06 = 14.97 ALPHA = 1.00
 CN = .3275 CM.25 = -.1077

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	1.1387	.9993	.0323	0.0000	1.1369	.9986	.6447
.0075	-.7025	.5127	1.0293	.0100	.6053	.8582	.4721
.0101	-.9032	.4587	1.1169	.0177	.3740	.7972	.5779
.0164	-1.2080	.3812	1.2597	.0526	-.0728	.6792	.7640
.0200	-.43143	.3510	1.3192	.1023	-.3186	.6138	.8647
.0265	-1.3161	.3507	1.3214	.1527	-.3885	.5995	.8928
.0308	-1.3207	.3498	1.3234	.2020	-.4602	.5772	.9219
.0364	-1.2414	.3577	1.3069	.2770	-.5497	.5527	.9606
.0518	-1.0857	.4118	1.2012	.3757	-.4873	.5685	.9356
.0769	-.4412	.5714	.9310	.4507	-.3234	.6129	.8662
.1019	-.4613	.5761	.9235	.5257	-.1277	.6654	.7860
.1518	-.4156	.5886	.9039	.6007	.0423	.7087	.7186
.2019	-.3709	.6007	.8850	.6755	.1818	.7462	.6600
.2519	-.3731	.5994	.8871	.7173	.2426	.7625	.6342
.3018	-.3689	.5998	.8865	.8507	.3572	.7929	.5851
.4018	-.3964	.5936	.8961	.9010	.3633	.7942	.5829
.4519	-.4057	.5909	.9003	.9508	.3155	.7815	.6037
.5020	-.4002	.5945	.8994	1.0000	.1282	.7320	.6823
.5270	-.4087	.5902	.9014				
.5520	-.4676	.5908	.9005				
.5770	-.4137	.5894	.9027				
.6020	-.4245	.5860	.9080				
.6270	-.4309	.5833	.9106				
.6519	-.4333	.5836	.9118				
.6770	-.4416	.5816	.9149				
.7020	-.4344	.5830	.9126				
.7516	-.4326	.5914	.8996				
.8017	-.3257	.6114	.8685				
.8519	-.2325	.6361	.8303				
.9012	-.1305	.6642	.7872				
.9518	-.0010	.6977	.7356				
1.0000	.1295	.7325	.6816				

ORIGINAL RECORDS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 65 POINT 3 GRIT ***OFF***
 PT = 3.4747 TT = 170.0 M,INF = .7318 RC*E06 = 14.94 ALPHA = 1.50
 CM = .3931 CM,25 = -.1063

CD2 CD1 CD3 CD4 CD5
 .01037 .01022(-.00009) .01023(-.00015) .00977(-.00060) .00942(-.00095)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00975 .C0973(-.00002) .00962(-.00012) .00930(-.00045) .00913(-.00062)

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.00300	1.1190	.9944	.0896	0.0000	1.1158	.9924	.0969		
.0075	-.8252	.4840	1.0734	.0100	.6711	.8753	.4180		
.0101	-1.0057	.4365	1.1560	.0177	.4443	.8170	.3448		
.0164	-1.3047	.3580	1.3064	.0526	-.0019	.6993	.7330		
.0200	-1.3977	.3318	1.3615	.1023	-.2487	.6340	.4336		
.0265	-1.4293	.3238	1.3791	.1527	-.3264	.6140	.8645		
.0308	-1.4328	.3244	1.3778	.2020	-.4019	.5945	.8947		
.0364	-1.4013	.3309	1.3635	.2770	-.4902	.5714	.9309		
.0518	-1.3104	.3558	1.3108	.3757	-.4473	.5830	.9127		
.0769	-1.0232	.4307	1.1665	.4507	-.2988	.6217	.8526		
.1019	-.4850	.5717	.9304	.5257	-.1118	.6715	.7760		
.1516	-.4251	.5880	.9049	.6007	.0522	.7142	.7100		
.2019	-.3962	.5960	.8923	.6755	.1901	.7501	.6539		
.2519	-.4014	.5947	.8944	.7173	.2509	.7661	.6284		
.3018	-.3969	.5962	.8921	.8507	.3621	.7943	.5819		
.4018	-.4210	.5895	.9025	.9010	.3674	.7964	.5792		
.4519	-.4279	.5886	.9040	.9508	.3173	.7835	.6004		
.5020	-.4202	.5899	.9019	1.0000	.1265	.7326	.6814		
.5270	-.4266	.5880	.9048						
.5520	-.4235	.5889	.9035						
.5770	-.4309	.5860	.9080						
.6020	-.4347	.5841	.9109						
.6270	-.4441	.5834	.9121						
.6519	-.4433	.5825	.9135						
.6770	-.44907	.5818	.9146						
.7020	-.4432	.5835	.9119						
.7516	-.4074	.5943	.8950						
.8017	-.3292	.6139	.8647						
.8519	-.2344	.6384	.8267						
.9012	-.1320	.6662	.7841						
.9518	-.0444	.6984	.7345						
1.0000	.1270	.7336	.6799						

TEST 118 RUN 65 POINT 4 GRIT ***OFF***
 PT = 3.4749 TT = 170.0 M,INF = .7339 RC*E06 = 14.96 ALPHA = 1.76
 CM = .4344 CM,25 = -.1050

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
.00300	1.1111	.9917	.1088	0.0000	1.1083	.9910	.1133		
.0075	-.8684	.4688	1.0993	.0100	.7053	.8848	.4214		
.0101	-1.0386	.4254	1.1763	.0177	.4797	.8256	.5300		
.0164	-1.3327	.3460	1.3313	.0526	.0350	.7081	.7194		
.0200	-1.4313	.3205	1.3863	.1023	-.2146	.6407	.8232		
.0265	-1.4655	.3121	1.4054	.1527	-.2963	.6203	.8548		
.0308	-1.4656	.3128	1.4037	.2020	-.3736	.5999	.8863		
.0364	-1.4359	.3193	1.3890	.2770	-.4670	.5753	.9248		
.0518	-1.3589	.3413	1.3412	.3757	-.4315	.5830	.9096		
.0769	-1.2599	.3667	1.2886	.4507	-.2870	.6218	.8523		
.1019	-.8576	.4705	1.0964	.5257	-.1025	.6715	.7758		
.1516	-.4333	.5920	.8986	.6007	.0607	.7137	.7108		
.2019	-.3920	.5951	.8938	.6755	.1968	.7503	.6535		
.2519	-.4087	.5907	.9007	.7173	.2564	.7639	.6287		
.3018	-.4084	.5911	.9000	.8507	.3665	.7953	.5810		
.4018	-.4340	.5830	.9128	.9010	.3720	.7963	.5795		
.4519	-.4409	.5822	.9139	.9508	.3206	.7829	.6014		
.5020	-.4321	.5833	.9122	1.0000	.1266	.7314	.6833		
.5270	-.4371	.5829	.9129						
.5520	-.4340	.5834	.9121						
.5770	-.4410	.5822	.9140						
.6020	-.4480	.5794	.9183						
.6270	-.4536	.5783	.9201						
.6519	-.4524	.5783	.9202						
.6770	-.4594	.5774	.9215						
.7020	-.4511	.5709	.9176						
.7516	-.4117	.5846	.9024						
.8017	-.3322	.6116	.8681						
.8519	-.2355	.6361	.8303						
.9012	-.1311	.6654	.7853						
.9518	-.0444	.6991	.7333						
1.0000	.1269	.7321	.6821						

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

PT = 3.4744 TT = 170.0 RUN = 65 POINT 5 GRIT ***OFF***
 CN = .4646 CM.25 = -.1039 M.INF = .7349 RC*E06 = 14.98 ALPHA = 1.98

CD2 CD1 CD3 CD4 CD5
 .01206 .01188(-.0018) .01192(-.00014) .01146(-.00060) .01125(-.00060)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01128 .01118(-.00011) .01117(-.00011) .01085(-.00043) .01079(-.00050)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1039	.9896	.1221	0.0000	1.0994	.9885	.1282
.0075	-.9089	.4570	1.1198	.0100	.7293	.8904	.4102
.0101	-1.0568	.4158	1.1920	.0177	.5075	.8317	.5159
.0164	-1.3596	.3364	1.3517	.0526	.0639	.7144	.7098
.0200	-1.4507	.3118	1.4060	.1023	-.1878	.6480	.8121
.0265	-1.4876	.3030	1.4263	.1527	-.2714	.6258	.8462
.0308	-1.4841	.3035	1.4250	.2020	-.3524	.6037	.8804
.0364	-1.4519	.3115	1.4067	.2770	-.4463	.5792	.9187
.0518	-1.3848	.3304	1.3646	.3757	-.4173	.5877	.9054
.0769	-1.3018	.3529	1.3169	.4507	-.2798	.6227	.8510
.1019	-1.2088	.3778	1.2665	.5257	-.0961	.6719	.7752
.1516	-.4227	.5858	.9084	.6007	.0657	.7149	.7090
.2019	-.3734	.5980	.8892	.6755	.2006	.7512	.6522
.2519	-.4043	.5903	.9013	.7173	.2608	.7662	.6283
.3018	-.4120	.5891	.9031	.8507	.3696	.7951	.5814
.4018	-.4435	.5793	.9186	.9010	.3744	.7966	.5789
.4519	-.4495	.5783	.9200	.9508	.3217	.7829	.6014
.5020	-.4400	.5810	.9159	1.0000	.1256	.7317	.6828
.5270	-.4461	.5803	.9169				
.5520	-.4415	.5800	.9174				
.5770	-.4467	.5788	.9193				
.6020	-.4534	.5769	.9223				
.6270	-.4596	.5762	.9234				
.6519	-.4570	.5779	.9207				
.6770	-.4610	.5768	.9224				
.7020	-.4531	.5789	.9191				
.7516	-.4151	.5883	.9044				
.8017	-.3340	.6102	.8704				
.8519	-.2568	.6355	.8313				
.9012	-.1321	.6632	.7887				
.9518	-.0048	.6969	.7368				
1.0000	-.1261	.7319	.6825				

PT = 3.4820 TT = 169.6 RUN = 66 POINT 1 GRIT ***OFF***
 CN = .4851 CM.25 = -.1025 M.INF = .7349 RC*E06 = 15.06 ALPHA = 2.22

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0843	.9849	.1474	0.0000	1.0821	.9839	.1521
.0075	-.4954	.4444	1.1419	.0100	.7512	.8965	.3978
.0101	-1.1002	.4060	1.2121	.0177	.5322	.8383	.5080
.0164	-1.4098	.3277	1.3704	.0526	.0922	.7221	.5978
.0200	-1.4920	.3046	1.4226	.1023	-.1601	.6538	.6978
.0265	-1.5256	.2941	1.4472	.1527	-.2472	.6318	.8031
.0308	-1.5216	.2944	1.4465	.2020	-.3292	.6103	.8370
.0364	-1.5020	.3019	1.4287	.2770	-.4255	.5841	.8701
.0518	-1.4239	.3202	1.3872	.3757	-.4042	.5841	.9109
.0769	-1.3453	.3417	1.3403	.4507	-.2718	.5900	.9018
.1019	-1.2571	.3624	1.2973	.5257	-.0926	.6267	.8448
.1516	-.5201	.5595	.9499	.6007	.0670	.6726	.7742
.2019	-.3629	.6014	.8840	.6755	.2011	.7147	.7092
.2519	-.3925	.5929	.8973	.7173	.2995	.7504	.6534
.3018	-.4094	.5886	.9040	.8507	.3663	.7675	.6261
.4018	-.4487	.5800	.9174	.9010	.3716	.7956	.5806
.4519	-.4552	.5765	.9229	.9508	.3190	.7964	.5792
.5020	-.4464	.5786	.9196	1.0000	.1207	.7826	.6019
.5270	-.4519	.5774	.9216			.7302	.6851
.5520	-.4484	.5809	.9161				
.5770	-.4507	.5802	.9171				
.6020	-.4573	.5775	.9214				
.6270	-.4610	.5765	.9229				
.6519	-.4594	.5770	.9221				
.6770	-.4639	.5763	.9233				
.7020	-.4555	.5783	.9201				
.7516	-.4170	.5886	.9036				
.8017	-.3346	.6087	.8726				
.8519	-.2373	.6348	.8324				
.9012	-.1358	.6622	.7902				
.9518	-.0093	.6956	.7388				
1.0000	.1226	.7310	.6838				

TABLE II.- Continued.

PT = 3.4816 TEST 118 RUN 66 POINT 2 GRIT ***OFF***
 CN = .4858 TT = 169.7 M.INF = .7328 RC*E06 = 15.02 ALPHA = 2.22

CD2 CD1 CD3 CD4 CD5
 .01283 .01262(-.00021) .01256(-.00028) .01225(-.00059) .01219(-.00088)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01209 .01194(-.00015) .01187(-.00022) .01169(-.00041) .01171(-.00038)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
.0000	1.0830	.9847	.1485	0.0000	1.0801	.9838	.1528
.0075	-.9870	.4444	1.1421	.0100	.7506	.8966	.3971
.0101	-1.1199	.4043	1.2154	.0177	.5339	.8399	.5050
.0184	-1.4153	.3274	1.3712	.0526	.0930	.7232	.6961
.0260	-1.4997	.3038	1.4245	.1023	-.1595	.6567	.7987
.0265	-1.5372	.2932	1.4491	.1527	-.2441	.6350	.8320
.0308	-1.5361	.2946	1.4460	.2020	-.3258	.6183	.8640
.0364	-1.5075	.3017	1.4293	.2770	-.4221	.5867	.9069
.0518	-1.4389	.3203	1.3869	.3757	-.3994	.5927	.8975
.0769	-1.2554	.3410	1.3418	.4507	-.2889	.6290	.8413
.1019	-1.2706	.3636	1.2949	.5257	-.0904	.6741	.7719
.1518	-.4862	.5713	.9312	.6007	.0679	.7161	.7071
.2019	-.3698	.6027	.8820	.6755	.2052	.7526	.6499
.2519	-.3976	.5932	.8968	.7173	.2596	.7678	.6257
.3018	-.4098	.5900	.9018	.8507	.3668	.7958	.5802
.4418	-.4475	.5820	.9143	.9010	.3719	.7968	.5786
.4516	-.4516	.5787	.9194	.9508	.3192	.7830	.6012
.5020	-.4426	.5812	.9156	1.0000	.1204	.7314	.6833
.5270	-.4489	.5820	.9143				
.5520	-.4438	.5826	.9134				
.5770	-.4498	.5807	.9164				
.6020	-.4544	.5787	.9195				
.6270	-.4582	.5780	.9206				
.6519	-.4579	.5792	.9186				
.6770	-.4614	.5787	.9195				
.7020	-.4535	.5810	.9159				
.7516	-.4133	.5906	.9009				
.8017	-.3332	.6122	.8673				
.8519	-.2370	.6365	.8297				
.9012	-.1341	.6651	.7858				
.9516	-.0083	.6980	.7351				
1.0000	.1220	.7321	.6822				

PT = 3.4819 TEST 118 RUN 66 POINT 3 GRIT ***OFF***
 CN = .5212 TT = 169.7 M.INF = .7337 RC*E06 = 15.03 ALPHA = 2.45

CD2 CD1 CD3 CD4 CD5
 .01446 .01424(-.00022) .01423(-.00022) .01389(-.00057) .01396(-.00050)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01364 .01346(-.00024) .01350(-.00014) .01323(-.00041) .01344(-.00020)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0710	.9816	.1630	0.0000	1.0685	.9806	.1675
.0075	-1.0086	.4322	1.1639	.0100	.7789	.9044	.3812
.0101	-1.1490	.3973	1.2285	.0177	.5640	.8475	.4916
.0164	-1.4493	.3175	1.3930	.0526	.1245	.7317	.6828
.0200	-1.5160	.2971	1.4461	.1023	-.1274	.6641	.7872
.0265	-1.5729	.2865	1.4705	.1527	-.2140	.6408	.8231
.0308	-1.5791	.2852	1.4686	.2020	-.2990	.6179	.8585
.0364	-1.5337	.2925	1.4512	.2770	-.3967	.5938	.8958
.0518	-1.4725	.3100	1.4101	.3757	-.3805	.5997	.8866
.0769	-1.4028	.3288	1.3680	.4507	-.2556	.6322	.8364
.1019	-1.3167	.3496	1.3237	.5257	-.0812	.6772	.7672
.1518	-.7674	.4941	1.0562	.6007	.0761	.7175	.7049
.2019	-.3809	.5961	.8922	.6755	.2083	.7522	.6506
.2519	-.3777	.5988	.8880	.7173	.2661	.7684	.6247
.3018	-.4071	.5927	.8975	.8507	.3714	.7963	.5794
.4018	-.4514	.5805	.9164	.9010	.3761	.7968	.5786
.4519	-.4613	.5768	.9224	.9508	.3218	.7831	.6011
.5020	-.4491	.5784	.9199	1.0000	.1231	.7300	.6859
.5270	-.4523	.5770	.9221				
.5520	-.4493	.5794	.9184				
.5770	-.4547	.5780	.9206				
.6020	-.4594	.5754	.9246				
.6270	-.4644	.5751	.9251				
.6519	-.4611	.5753	.9248				
.6770	-.4696	.5751	.9251				
.7020	-.4572	.5767	.9226				
.7516	-.4163	.5872	.9061				
.8017	-.3350	.6106	.8698				
.8519	-.2370	.6370	.8290				
.9012	-.1335	.6634	.7884				
.9516	-.0660	.6969	.7363				
1.0000	.1236	.7308	.6842				

CRACKS IN CONCRETE
OF POOR QUALITY

TABLE II.- Continued.

PT = 3.4827 TEST 118 RUN 66 POINT 4 GRIT ***OFF***
 CN = .5960 TT = 170.4 M, INF = .7342 RC*E06 = 14.96 ALPHA = 3.00
 CM, 25 = -.0573

CD2 CD1 CD3 CD4 CD5
 .01815 .01790(-.00025) .01803(-.00006) .01803(-.00013) .01824(.00009)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01708 .01699(-.00009) .01770(.00062) .01731(.00023) .01770(.00062)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLCC	X/C	CP	P/PT	MLCC
0.0000	1.0420	.9740	.1940	0.0000	1.0399	.9730	.1979
.0075	-1.0962	.4087	1.2070	.0100	.8321	.9179	.3515
.0101	-1.2238	.3735	1.2750	.0177	.6241	.8634	.4624
.0164	-1.9226	.3005	1.4321	.0526	.1892	.7481	.6571
.0200	-1.9813	.2791	1.4837	.1023	-.0654	.6810	.7612
.0265	-1.6286	.2673	1.5137	.1527	-.1622	.6551	.8011
.0308	-1.6263	.2669	1.5146	.2020	-.2464	.6341	.8333
.0364	-1.6061	.2726	1.5001	.2770	-.3501	.6062	.8766
.0518	-1.5477	.2907	1.4555	.3757	-.3477	.6047	.8789
.0769	-1.4797	.3070	1.4171	.4507	-.2309	.6331	.8350
.1019	-1.4155	.3244	1.3774	.5257	-.0636	.6785	.7652
.1518	-1.3147	.3504	1.3221	.6007	.0902	.7217	.6984
.2019	-.6762	.3209	1.0120	.6755	.2193	.7545	.6469
.2519	-.3991	.3933	.8967	.7173	.2763	.7701	.6220
.3018	-.3552	.6027	.8820	.8507	.3779	.7981	.5764
.4018	-.4248	.5814	.9153	.9010	.3814	.8001	.5731
.4519	-.4510	.5753	.9248	.9588	.3269	.7866	.5985
.5020	-.4505	.5788	.9194	1.0000	.1210	.7316	.6830
.5270	-.4548	.5755	.9246				
.5520	-.4545	.5763	.9232				
.5770	-.4588	.5771	.9221				
.6020	-.4684	.5766	.9228				
.6270	-.4681	.5746	.9258				
.6519	-.4620	.5782	.9203				
.6770	-.4675	.5757	.9242				
.7020	-.4578	.5805	.9166				
.7516	-.4165	.5888	.9036				
.8017	-.3336	.6111	.8689				
.8519	-.2365	.6361	.8303				
.9012	-.1337	.6638	.7876				
.9516	-.0086	.6966	.7373				
1.0000	.1219	.7311	.6837				

PT = 3.4816 TEST 118 RUN 66 POINT 5 GRIT ***OFF***
 CN = .6728 TT = 170.5 M, INF = .7329 RC*E06 = 14.92 ALPHA = 3.45
 CM, 25 = -.0946

CD2 CD1 CD3 CD4 CD5
 .02246 .02218(-.00028) .02254(.00008) .02282(.00036)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .02137 .02122(-.00016) .02151(.00014) .02206(.00069)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLCC	X/C	CP	P/PT	MLCC
0.0000	1.0184	.9670	.2191	0.0000	1.0139	.9663	.2216
.0075	-1.1691	.3908	1.2411	.0100	.8746	.9294	.3246
.0101	-1.2535	.3613	1.2996	.0177	.6712	.8757	.4392
.0164	-1.5676	.2833	1.4733	.0526	.2423	.7623	.6345
.0200	-1.6436	.2657	1.5179	.1023	-.0145	.6957	.7386
.0265	-1.6920	.2522	1.5536	.1527	-.1131	.6684	.7806
.0308	-1.6679	.2509	1.5570	.2020	-.2018	.6462	.8147
.0364	-1.6769	.2569	1.5410	.2770	-.3041	.6206	.8562
.0518	-1.6066	.2739	1.4969	.3757	-.3134	.6184	.8576
.0769	-1.5514	.2884	1.4609	.4507	-.2088	.6444	.8175
.1019	-1.4964	.3056	1.4202	.5257	-.0484	.6856	.7542
.1518	-1.3972	.3292	1.3671	.6007	.1001	.7249	.6933
.2019	-1.2836	.3615	1.2995	.6755	.2249	.7590	.6397
.2519	-.6075	.5411	.9792	.7173	.2805	.7743	.6153
.3018	-.3967	.5966	.8915	.8507	.3822	.7996	.5740
.4018	-.4017	.5936	.8961	.9010	.3846	.8008	.5719
.4519	-.4331	.5840	.9111	.9508	.3274	.7863	.5998
.5020	-.4401	.5823	.9137	1.0000	.1163	.7302	.6832
.5270	-.4444	.5803	.9169				
.5520	-.4529	.5819	.9144				
.5770	-.4569	.5782	.9202				
.6020	-.4639	.5775	.9214				
.6270	-.4684	.5771	.9219				
.6519	-.4670	.5766	.9227				
.6770	-.4685	.5767	.9226				
.7020	-.4577	.5805	.9166				
.7516	-.4171	.5922	.8983				
.8017	-.3325	.6098	.8710				
.8519	-.2369	.6363	.8301				
.9012	-.1373	.6649	.7860				
.9516	-.0110	.6965	.7374				
1.0000	.1163	.7310	.6839				

Case
OF P...

TABLE II.- Continued.

TEST 118 RUN 67 POINT 1 GRIT ***OFF***
 PT = 3.4817 TT = 169.4 M,INF = .7554 R*E06 = 15.33 ALPHA = .01
 CN = .1798 CM,25 = -.1093

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1666	1.0044	0.0000	0.0000	1.1656	1.0041	0.0000
.0075	-.4225	.5695	.9340	.0100	.4512	.8087	.9587
.0101	-.6243	.5152	1.0214	.0177	.2176	.7447	.8625
.0164	-.8841	.4431	1.1444	.0526	-.2266	.6237	.8494
.0200	-.9939	.4136	1.1979	.1023	-.4791	.5551	.9568
.0265	-.6241	.5146	1.0222	.1527	-.5371	.5388	.9829
.0308	-.9505	.4261	1.1750	.2020	-.6025	.5191	1.0140
.0364	-.5074	.5466	.9703	.2770	-.7511	.4778	1.0839
.0518	-.4408	.5645	.9419	.3757	-.5725	.5270	1.0021
.0769	-.4006	.5761	.9235	.4507	-.3759	.5823	.9188
.1019	-.3601	.5876	.9057	.5257	-.1606	.6401	.8242
.1518	-.3135	.5999	.8863	.6007	.0164	.6892	.7487
.2019	-.2820	.6070	.8753	.6755	.1614	.7288	.6874
.2519	-.2945	.6031	.8813	.7173	.2249	.7459	.6605
.3018	-.2970	.6026	.8822	.8507	.3444	.7789	.6078
.4018	-.3394	.5923	.8982	.9010	.4537	.7815	.6036
.4519	-.3530	.5873	.9060	.9508	.5096	.7693	.6233
.5020	-.3555	.5873	.9060	1.0000	.1357	.7223	.6974
.5270	-.3653	.5844	.9106				
.5520	-.3675	.5834	.9121				
.5770	-.3782	.5809	.9161				
.6020	-.3922	.5771	.9270				
.6270	-.4016	.5743	.9284				
.6519	-.4072	.5738	.9272				
.6770	-.4214	.5685	.9355				
.7020	-.4188	.5715	.9309				
.7516	-.3695	.5783	.9202				
.8017	-.3162	.5989	.8879				
.8519	-.2252	.6238	.8493				
.9012	-.1257	.6504	.8083				
.9518	.0000	.6848	.7555				
1.0000	.1360	.7221	.6978				

TEST 118 RUN 67 POINT 2 GRIT ***OFF***
 PT = 3.4815 TT = 170.3 M,INF = .7527 R*E06 = 15.22 ALPHA = .99
 CN = .3149 CM,25 = -.1098

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1461	.9984	.0388	0.0000	1.1437	.9984	.0472
.0075	-.6310	.5150	1.0216	.0100	.6007	.8502	.4867
.0101	-.8261	.4605	1.1137	.0177	.3708	.7880	.5930
.0164	-1.1160	.3814	1.2594	.0526	-.3752	.6670	.7829
.0200	-1.2216	.3522	1.3183	.1023	-.3262	.5986	.8884
.0265	-1.2362	.3441	1.3247	.1527	-.4009	.5780	.9205
.0308	-1.2337	.3441	1.3247	.2020	-.4775	.5562	.9350
.0364	-1.2101	.3553	1.3118	.2770	-.5878	.5266	1.0026
.0518	-.1141	.3037	1.2540	.3757	-.5103	.5482	.9678
.0769	-.4930	.5533	.9597	.4507	-.3343	.5956	.8911
.1019	-.4270	.5711	.9314	.5257	-.1299	.6514	.8088
.1518	-.4021	.5777	.9211	.6007	.0420	.6976	.7358
.2019	-.3609	.5880	.9049	.6755	.1830	.7364	.6755
.2519	-.3681	.5865	.9072	.7173	.2451	.7533	.6488
.3018	-.3654	.5876	.9055	.8507	.3590	.7845	.5987
.4018	-.3464	.5785	.9197	.9010	.4659	.7867	.5952
.4519	-.4001	.5762	.9235	.9508	.5183	.7727	.6178
.5020	-.4029	.5761	.9235	1.0000	.1320	.7224	.6973
.5270	-.4098	.5747	.9258				
.5520	-.4040	.5752	.9250				
.5770	-.4177	.5729	.9286				
.6020	-.4280	.5705	.9325				
.6270	-.4354	.5666	.9365				
.6519	-.4391	.5666	.9389				
.6770	-.4468	.5649	.9413				
.7020	-.4430	.5664	.9382				
.7516	-.4007	.5762	.9234				
.8017	-.3205	.5477	.8898				
.8519	-.2245	.6232	.8471				
.9012	-.1257	.6521	.8056				
.9518	.0020	.6871	.7519				
1.0000	.1339	.7232	.6961				

CHECKED FOR
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 47 POINT 3 GRIT ***OFF***
 PT = 3.4817 TT = 169.6 M, INF = 1 RC*E06 = 15... ALPHA = 1.45
 CN = .3933 CM.25 = -.1065

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1320	.9948	.0859	0.0000	1.1303	.4943	.0901
.0075	-.7123	.4892	1.0649	.0100	.6630	.8641	.4573
.0101	-.5923	.4391	1.1515	.0177	.4390	.8052	.5647
.0164	-1.1846	.3603	1.3017	.0526	-.0049	.6834	.7576
.0200	-1.2786	.3342	1.3564	.1023	-.2576	.6139	.8646
.0265	-1.3108	.3249	1.3768	.1527	-.3389	.5915	.8994
.0306	-1.3665	.3254	1.3756	.2020	-.4208	.5698	.9335
.0364	-1.2906	.3309	1.3635	.2770	-.5312	.5384	.9655
.0518	-1.2136	.3520	1.3171	.3757	-.4762	.5545	.9578
.0769	-1.1178	.3785	1.2650	.4507	-.3102	.6003	.8857
.1019	-.9048	.4365	1.1560	.5257	-.1129	.6537	.8032
.1518	-.5706	.5828	.9130	.6007	.0959	.6994	.7329
.2019	-.3660	.7848	.9099	.6755	.1942	.7384	.6724
.2519	-.3895	.5784	.9200	.7173	.2551	.7552	.6459
.3018	-.3895	.5782	.9202	.8507	.3675	.7856	.5970
.4018	-.4221	.5697	.9337	.9010	.3730	.7872	.5944
.4519	-.4321	.5663	.9391	.9508	.3234	.7735	.6163
.5020	-.4256	.5674	.9372	1.0000	.1322	.7206	.7001
.5270	-.4309	.5673	.9374				
.5520	-.4293	.5680	.9363				
.5770	-.4368	.5654	.9405				
.6020	-.4481	.5625	.9451				
.6270	-.4531	.5610	.9474				
.6519	-.4568	.5592	.9503				
.6770	-.4631	.5577	.9526				
.7020	-.4567	.5585	.9513				
.7518	-.4184	.5696	.9338				
.8017	-.3308	.5935	.8958				
.8519	-.2305	.6207	.8541				
.9012	-.1292	.6495	.8097				
.9518	.0030	.6848	.7555				
1.0000	.1337	.7212	.6991				

TEST 118 RUN 47 POINT 4 GRIT ***OFF***
 PT = 3.4818 TT = 169.6 M, INF = .7535 RC*E06 = 15.26 ALPHA = 1.76
 CN = .4264 CM.25 = -.1059

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1216	.9922	.1057	0.0000	1.1189	.4914	.1110
.0075	-.7734	.4736	1.0911	.0100	.6965	.8738	.4390
.0101	-.9326	.4299	1.1681	.0177	.4736	.8154	.5475
.0164	-1.2347	.3485	1.3261	.0526	.0326	.6942	.7409
.0200	-1.3249	.3226	1.3818	.1023	-.2211	.6242	.8487
.0265	-1.3601	.3130	1.4032	.1527	-.3063	.6017	.8836
.0306	-1.3557	.3141	1.4007	.2020	-.3876	.5801	.9172
.0364	-1.3363	.3194	1.3888	.2770	-.4940	.5500	.9649
.0518	-1.2641	.3394	1.3452	.3757	-.4519	.5631	.9441
.0769	-1.1404	.3624	1.2973	.4507	-.2972	.6051	.8782
.1019	-1.1000	.3634	1.2959	.5257	-.1842	.6573	.8277
.1518	-.4133	.5724	.9293	.6007	.0624	.7030	.7274
.2019	-.3486	.5908	.9006	.6755	.1991	.7406	.6688
.2519	-.3607	.5811	.9158	.7173	.2600	.7570	.6430
.3018	-.3947	.5787	.9195	.8507	.3705	.7870	.5947
.4018	-.4339	.5674	.9366	.9010	.3760	.7885	.5922
.4519	-.4434	.5647	.9416	.9508	.3249	.772	.6154
.5020	-.4347	.5672	.9375	1.0000	.1314	.7207	.6999
.5270	-.4406	.5661	.9393				
.5520	-.4372	.5665	.9385				
.5770	-.4448	.5642	.9424				
.6020	-.4541	.5618	.9462				
.6270	-.4544	.5595	.9498				
.6519	-.4602	.5589	.9514				
.6770	-.4682	.5574	.9531				
.7020	-.4595	.5609	.9476				
.7518	-.4182	.5727	.9289				
.8017	-.3307	.5957	.8929				
.8519	-.2315	.6226	.8512				
.9012	-.1262	.6518	.8065				
.9518	.0017	.6874	.7515				
1.0000	.1328	.7218	.6993				

TABLE II.- Continued.

TEST 118 RUN 67 POINT 5 CRIT *****
 PT = 3.4826 TT = 169.7 M,INF = .7520 RC*E06 = 15.26 ALPHA = 1.99
 CM = .4545 CM,25 = -.1051
 CD2 CD1 CD3 CD4 CD5
 .01228 .01216(-.00012) .01213(-.00014) .01182(-.00045) .01180(-.00048)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01198 .01142(-.00017) .01142(-.00016) .01119(-.00040) .01137(-.00021)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1089	.9851	.1252	0.0000	1.1070	.9885	.1786
.0075	-.8366	.4593	1.1157	.0100	.7252	.8846	.4210
.0101	-.9783	.4204	1.1894	.0177	.5098	.8233	.5309
.0164	-1.2871	.3374	1.3496	.0526	.0649	.7056	.7234
.0200	-1.3847	.3129	1.4036	.1023	-.1863	.6365	.8297
.0265	-1.4115	.3050	1.4263	.1527	-.2748	.6132	.8657
.0308	-1.4652	.3041	1.4238	.2020	-.3376	.5901	.9019
.0364	-1.3896	.3114	1.4068	.2770	-.4723	.5517	.9622
.0518	-1.3218	.2990	1.3678	.3757	-.4426	.5667	.9440
.0769	-1.2458	.3496	1.3236	.4507	-.2836	.6077	.8743
.1019	-1.1676	.3703	1.2814	.5257	-.7951	.6604	.7930
.1518	-.5630	.5349	.8992	.6007	.0684	.7054	.7238
.2019	-.3460	.5949	.8941	.6754	.2054	.7422	.6664
.2519	-.3481	.5860	.9080	.7173	.2649	.7389	.6400
.3018	-.3788	.5783	.9202	.8507	.3738	.7889	.5930
.4018	-.4385	.5653	.9406	.9010	.3790	.7895	.5905
.4519	-.4504	.5634	.9434	.9508	.3270	.7756	.6131
.5020	-.4429	.5660	.9395	1.0000	.1508	.7219	.6981
.5270	-.4464	.5643	.9422				
.5520	-.4452	.5653	.9405				
.5770	-.4530	.5622	.9455				
.6020	-.4606	.5603	.9485				
.6270	-.4661	.5594	.9500				
.6519	-.4639	.5597	.9496				
.6770	-.4722	.5563	.9541				
.7020	-.4619	.5607	.9480				
.7518	-.4184	.5722	.9297				
.8017	-.3326	.5964	.8909				
.8519	-.2323	.6244	.8483				
.9012	-.1763	.6524	.8052				
.9518	.0008	.6875	.7514				
1.0000	.1322	.7219	.6981				

TEST 118 RUN 67 POINT 8 CRIT *****
 PT = 3.4817 TT = 170.1 M,INF = .7524 RC*E06 = 15.21 ALPHA = 2.23
 CM = .5050 CM,25 = -.1027
 CD2 CD1 CD3 CD4 CD5
 .01334 .01349(-.00005) .01356(.00002) .01348(-.00007) .01340(-.00015)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01275 .01262(-.00013) .01280(.00006) .01279(.00005) .01286(.00012)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1019	.9869	.1373	0.0000	1.0981	.9856	.1439
.0075	-.8630	.4467	1.1343	.0100	.7519	.8913	.4079
.0101	-1.0199	.4066	1.2110	.0177	.5360	.8324	.5182
.0164	-1.3076	.3292	1.3675	.0526	.0957	.7127	.7124
.0200	-1.3920	.3044	1.4231	.1023	-.1577	.6424	.8207
.0265	-1.4410	.2934	1.4488	.1527	-.2465	.6179	.8589
.0308	-1.4276	.2951	1.4448	.2020	-.3336	.5939	.8957
.0364	-1.4026	.3019	1.4299	.2770	-.4408	.5654	.9401
.0518	-1.3465	.3186	1.3907	.3757	-.4132	.5741	.9268
.0769	-1.2824	.3370	1.3563	.4507	-.2728	.6110	.8691
.1019	-1.2066	.3556	1.3112	.5257	-.0868	.6629	.7891
.1518	-1.1034	.3835	1.2553	.6007	.0747	.7058	.7231
.2019	-.4268	.5683	.9358	.6755	.2096	.7428	.6654
.2519	-.3391	.5934	.8965	.7173	.2693	.7590	.6398
.3018	-.3729	.5856	.9087	.8507	.3772	.7888	.5717
.4018	-.4391	.5655	.9402	.9010	.3816	.7904	.5891
.4519	-.4500	.5626	.9449	.9508	.3288	.7762	.6121
.5020	-.4491	.5625	.9450	1.0000	.1301	.7224	.6973
.5270	-.4515	.5621	.9437				
.5520	-.4515	.5619	.9461				
.5770	-.4570	.5609	.9475				
.6020	-.4642	.5597	.9495				
.6270	-.4676	.5591	.9505				
.6519	-.4674	.5595	.9498				
.6770	-.4731	.5584	.9516				
.7020	-.4648	.5609	.9475				
.7518	-.4200	.5729	.9285				
.8017	-.3324	.5965	.8915				
.8519	-.2329	.6231	.8504				
.9012	-.1273	.6524	.8052				
.9518	.0010	.6869	.7522				
1.0000	.1315	.7229	.6965				

CONCENTRATION
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 57 POINT 7 GRIT *****
 PT = 3.4818 TT = 170.5 M.INF = .7928 RC=06 = 19.16 ALPHA = 2.51
 CM = .3405 CM.25 = -.1017

CD2 CD1 CD3 CD4 CD5
 .C1901 .C1902(-.00004) .C1909(-.00008) .C1910(-.00009) .C1921(-.00020)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01406 .C1405(-.00001) .C1420(-.00014) .01429(-.00023) .01484(-.00078)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
.0000	1.0099	.9834	1.1946	0.0000	1.0050	.9826	1.1903
.0075	-.9208	.4369	1.1553	.0100	.7772	.8980	.3546
.0101	-1.0675	.3952	1.2326	.0177	.5643	.8401	.5048
.0164	-1.3376	.3193	1.3091	.0526	.1264	.7204	.7004
.0200	-1.4296	.2978	1.4385	.1023	-.129	.6489	.8106
.0265	-1.4657	.2850	1.4692	.1527	-.2188	.6265	.8431
.0308	-1.4689	.2837	1.4509	.2020	-.3094	.6014	.8641
.0364	-1.4492	.2927	1.4673	.2570	-.4139	.5738	.9272
.0518	-1.3816	.3087	1.4331	.3177	-.5263	.5370	.9222
.0769	-1.3212	.3250	1.3764	.3907	-.6394	.6147	.8634
.1019	-1.2461	.3426	1.3383	.4757	-.7504	.6842	.7872
.1318	-1.1674	.3677	1.2866	.5607	-.8606	.7879	.7198
.2019	-.7257	.4863	1.0695	.6759	-.9716	.7605	.6634
.2919	-.3574	.5892	.9030	.7173	-.9802	.7894	.6374
.3019	-.3408	.5921	.8984	.8307	-.9841	.7912	.5907
.4018	-.4279	.5686	.9353	.9010	-.9861	.7763	.5070
.4316	-.4410	.5623	.9433	.9308	-.9829	.7716	.6121
.5020	-.4492	.5632	.9439	1.0000	-.9802	.7216	.4961
.5520	-.4555	.5608	.9477				
.5770	-.4546	.5618	.9462				
.6020	-.4611	.5594	.9500				
.6270	-.4696	.5583	.9516				
.6519	-.4782	.5563	.9548				
.6770	-.4699	.5582	.9518				
.7020	-.4767	.5564	.9548				
.7516	-.4654	.5595	.9497				
.8017	-.4218	.5707	.9321				
.8519	-.3337	.5946	.8946				
.9012	-.2334	.6217	.8526				
.9518	-.1255	.6521	.807				
1.0000	-.0010	.6879	.7560				
	.1312	.7225	.6971				

TEST 118 RUN 57 POINT 8 GRIT *****
 PT = 3.4835 TT = 170.3 M.INF = .7541 RC=06 = 19.21 ALPHA = 2.06
 CM = .6192 CM.25 = -.1096

CD2 CD1 CD3 CD4 CD5
 .01458 .C1843(-.00016) .C1870(-.00011) .C1926(-.00068) .C1896(-.00038)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01791 .01753(-.00001) -.1786(-.00014) .01846(-.00093) .01723(-.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P1	MLOC	X/C	CP	P/P1	MLOC
0.0000	1.0086	.9776	1.1803	0.0000	1.0055	.9766	1.1841
.0075	-.9781	.4164	1.1929	.0100	.8230	.9107	.3678
.0101	-1.1118	.3409	1.2604	.0177	.6141	.8534	.4808
.0164	-1.3908	.3048	1.4221	.0526	.1807	.7368	.6748
.0200	-1.4837	.2819	1.4768	.1023	-.0762	.6662	.8245
.0265	-1.5220	.2703	1.5059	.1527	-.1733	.6379	.8749
.0308	-1.5154	.2704	1.4936	.2020	-.2597	.6147	.8663
.0364	-1.5071	.2755	1.4927	.2570	-.3679	.5834	.9090
.0518	-1.4476	.2926	1.4309	.3177	-.4844	.5666	.9071
.0769	-1.3895	.3073	1.4163	.3907	-.6079	.6193	.8539
.1019	-1.3331	.3239	1.3788	.4757	-.7241	.6863	.7804
.1318	-1.2448	.3444	1.3335	.5607	-.8443	.7107	.7135
.2019	-1.1775	.3637	1.2942	.6407	-.9607	.7103	.6600
.2919	-.8104	.4645	1.1667	.6759	-.9822	.7463	.6343
.3019	-.8074	.4749	.9295	.7173	-.9878	.7623	.5859
.4018	-.3764	.5839	.9113	.8307	-.9820	.7920	.5866
.4316	-.4150	.5725	.9282	.9010	-.9864	.7920	.5866
.5020	-.4297	.5685	.9355	.9308	-.9823	.7771	.6107
.5520	-.4419	.5667	.9415	1.0000	-.9804	.7204	.7089
.5770	-.4442	.5646	.9418				
.6020	-.4587	.5630	.9442				
.6270	-.4669	.5582	.9500				
.6519	-.4704	.5582	.9516				
.6770	-.4726	.5563	.9549				
.7020	-.4754	.5542	.9583				
.7516	-.4670	.5582	.9518				
.8017	-.4224	.5702	.9328				
.8519	-.3338	.5944	.8949				
.9012	-.2331	.6215	.8529				
.9518	-.1293	.6497	.8093				
1.0000	-.0087	.6837	.7571				
	.1297	.7203	.7010				

DISCREPANCY
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 68 POINT 1 GRIT ***OFF***
PT = 3.3712 TT = 169.9 M,INF = .7752 RC*E06 = 19.01 ALPHA = .00
CN = .1705 CM,25 = -.1093

CD2 CD1 CD3 CD4 CD5
.01002 .00989(-.00018) .01009(.00006) .00971(-.00031) .00986(-.00097)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00932 .00920(-.00013) .00945(.00013) .00918(-.00015) .00878(-.00055)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1732	1.0044	0.0000	0.0000	1.1731	1.0043	0.0000
.0075	-.3892	.5645	.9419	.0100	.4723	.8670	.5616
.0101	-.5776	.5107	1.0287	.0177	.2372	.7402	.6694
.0164	-.8572	.4339	1.1609	.0526	-.2045	.6153	.8025
.0200	-.9634	.4024	1.2188	.1022	-.4687	.5395	.9817
.0265	-.9156	.4163	1.1930	.1527	-.5370	.5201	1.0133
.0308	-.9617	.4024	1.2189	.2020	-.6026	.5021	1.0429
.0364	-.6271	.4972	1.0512	.2770	-.7541	.4585	1.1171
.0516	-.4239	.5538	.9588	.3737	-.9156	.4141	1.1971
.0769	-.4072	.5581	.9520	.4507	-.9425	.3745	.9261
.1019	-.3716	.5670	.9379	.5237	-.1447	.6389	.8383
.1518	-.3248	.5803	.9170	.6007	.0266	.6799	.7630
.2019	-.2896	.5906	.9009	.6735	.1699	.7285	.7003
.2519	-.3029	.5862	.9077	.7173	.2315	.7378	.6733
.3018	-.3079	.5857	.9085	.8507	.3489	.7703	.6217
.4018	-.3523	.5717	.9305	.9010	.3373	.7723	.6185
.4519	-.3695	.5673	.9374	.9508	.3133	.7594	.6392
.5020	-.3713	.5674	.9372	1.0000	.2401	.7099	.7167
.5270	-.3622	.5646	.9417				
.5520	-.3835	.5639	.9427				
.5770	-.3976	.5588	.9510				
.6020	-.4133	.5530	.9589				
.6270	-.4294	.5495	.9657				
.6519	-.4329	.5470	.9698				
.6770	-.4460	.5436	.9733				
.7020	-.4471	.5428	.9764				
.7516	-.4687	.5541	.9584				
.8017	-.3225	.5789	.9191				
.8519	-.2247	.6073	.8748				
.9012	-.1214	.6373	.8284				
.9518	.0080	.6729	.7757				
1.0000	.1428	.7110	.7150				

TEST 118 RUN 68 POINT 2 GRIT ***OFF***
PT = 3.3715 TT = 170.4 M,INF = .7735 RC*E06 = 14.92 ALPHA = .97
CN = .3259 CM,25 = -.1104

CD2 CD1 CD3 CD4 CD5
.00969 .00965(-.00006) .00958(-.00011) .00913(-.00054) .00879(-.00090)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00902 .00901(-.00002) .00900(-.00002) .00866(-.00036) .00850(-.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1572	.9997	.0216	0.0000	1.1545	.9989	.0398
.0075	-.5644	.5146	1.0223	.0100	.6062	.8443	.4972
.0101	-.7494	.4616	1.1116	.0177	.3771	.7801	.6059
.0164	-1.0347	.3804	1.2613	.0526	-.0755	.6535	.8036
.0200	-1.1454	.3500	1.3229	.1022	-.3771	.5807	.9163
.0265	-1.1612	.3459	1.3314	.1527	-.4174	.5594	.9500
.0308	-1.1584	.3461	1.3311	.2020	-.4696	.5372	.9854
.0364	-1.1427	.3508	1.3213	.2770	-.6439	.4919	1.0599
.0518	-1.0575	.3754	1.2712	.3737	-.9441	.5216	1.0108
.0769	-.9403	.4060	1.2121	.4507	-.9336	.5792	.9186
.1019	-.8009	.5305	.9963	.5237	-.1263	.6177	.8278
.1518	-.3761	.5682	.9360	.6007	.0471	.6671	.7519
.2019	-.3573	.5744	.9262	.6735	.1888	.7270	.6901
.2519	-.3710	.5689	.9350	.7173	.2506	.7447	.6624
.3018	-.3722	.5699	.9333	.8507	.3650	.7767	.6114
.4018	-.4122	.5570	.9537	.9010	.3717	.7788	.6081
.4519	-.4263	.5532	.9599	.9508	.3232	.7649	.6303
.5020	-.4202	.5555	.9562	1.0000	.2367	.7122	.7131
.5270	-.4274	.5535	.9594				
.5520	-.4266	.5541	.9584				
.5770	-.4352	.5514	.9627				
.6020	-.4471	.5484	.9675				
.6270	-.4584	.5449	.9732				
.6519	-.4622	.5435	.9753				
.6770	-.4733	.5397	.9814				
.7020	-.4677	.5409	.9795				
.7516	-.4215	.5544	.9579				
.8017	-.3300	.5799	.9175				
.8519	-.2272	.6084	.8732				
.9012	-.1199	.6391	.8258				
.9518	.0093	.6754	.7699				
1.0000	.1393	.7125	.7126				

OF POOR QUALITY

TABLE II.- Continued.

PT = 3.3714 TEST 118 RUN 68 POINT 3 GRIT ***OFF***
 CM = .3971 TT = 170.8 M.INF = .7732 RC*E06 = 14.87 ALPHA = 1.49
 CM.25 = -.1094

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1424	.9956	.0792	0.0000	1.1405	.9949	.0831
.0075	-.6485	.4902	1.0629	.0100	.8673	.8615	.4660
.0101	-.8254	.4399	1.1499	.0177	.6437	.7983	.3761
.0164	-1.1095	.3602	1.3018	.0526	.0015	.6741	.7719
.0200	-1.2025	.3332	1.3585	.1023	-.2583	.6008	.8549
.0265	-1.2396	.3237	1.3792	.1527	-.3455	.5759	.9239
.0368	-1.2347	.3244	1.3777	.2020	-.4297	.5522	.9613
.0364	-1.2179	.3289	1.3679	.2770	-.4997	.5327	1.0264
.0518	-1.1481	.3491	1.3247	.3757	-.5697	.5121	.9928
.0709	-1.0740	.3711	1.2798	.4507	-.6497	.4850	.9097
.1019	-1.0017	.3913	1.2401	.5257	-.7297	.4620	.8213
.1516	-.5029	.5315	.9947	.6007	-.8097	.4390	.7476
.2014	-.3197	.5833	.9123	.6755	-.8897	.4160	.6866
.2519	-.3576	.5720	.9301	.7173	-.9697	.3930	.6395
.3018	-.3808	.5662	.9392	.7591	-.1000	.3700	.6088
.4018	-.4357	.5510	.9633	.8007		.3470	.5797
.4519	-.4906	.5461	.9712	.8507		.3240	.5586
.5020	-.4420	.5480	.9681	.9007		.3010	.5375
.5270	-.4481	.5462	.9710	.9508		.2780	.5164
.5520	-.4465	.5467	.9703	1.0000		.2550	.4953
.5770	-.4563	.5442	.9741			.2320	.4742
.6020	-.4687	.5405	.9802			.2090	.4531
.6270	-.4750	.5390	.9826			.1860	.4320
.6519	-.4781	.5375	.9849			.1630	.4109
.6770	-.4878	.5352	.9887			.1400	.3898
.7020	-.4777	.5381	.9841			.1170	.3687
.7516	-.4276	.5525	.9610			.0940	.3476
.8017	-.3341	.5798	.9177			.0710	.3265
.8514	-.2288	.6091	.8720			.0480	.3054
.9012	-.1207	.6394	.8253			.0250	.2843
.9516	.0095	.6758	.7692			.0020	.2632
1.0000	.1566	.7121	.7134				.2421

PT = 3.3713 TEST 118 RUN 68 POINT 4 GRIT ***OFF***
 CM = .4437 TT = 170.6 M.INF = .7716 RC*E06 = 14.88 ALPHA = 1.75
 CM.25 = -.1070

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1345	.9934	.0968	0.0000	1.1313	.9926	.1031
.0075	-.7446	.4760	1.0870	.0100	.6989	.8709	.4484
.0101	-.8738	.4303	1.1670	.0177	.4770	.8082	.3595
.0164	-1.1550	.3491	1.3246	.0526	.0398	.6847	.7556
.0200	-1.2509	.3226	1.3818	.1023	-.2227	.6119	.8676
.0265	-1.2850	.3127	1.4040	.1527	-.3122	.5869	.9066
.0368	-1.2662	.3146	1.3996	.2020	-.3996	.5614	.9469
.0364	-1.2661	.3183	1.3913	.2770	-.4774	.5358	1.0040
.0518	-1.1955	.3372	1.3499	.3757	-.5574	.5103	.9803
.0709	-1.1286	.3575	1.3074	.4507	-.6354	.4852	.9030
.1019	-1.0613	.3762	1.2697	.5257	-.7134	.4601	.8161
.1516	-.4581	.4053	1.2134	.6007	-.7914	.4350	.7430
.2014	-.3428	.5774	.9216	.6755	-.8694	.4100	.6834
.2519	-.3316	.5809	.9161	.7173	-.9474	.3850	.6224
.3018	-.3665	.5711	.9314	.7591	-.1000	.3600	.5956
.4018	-.4379	.5510	.9633	.8007		.3350	.5687
.4519	-.4570	.5457	.9717	.8507		.3100	.5418
.5020	-.4491	.5478	.9685	.9007		.2850	.5149
.5270	-.4566	.5450	.9720	.9508		.2600	.4880
.5520	-.4536	.5470	.9698	1.0000		.2350	.4611
.5770	-.4619	.5441	.9744			.2100	.4342
.6020	-.4730	.5412	.9790			.1850	.4073
.6270	-.4783	.5396	.9817			.1600	.3804
.6519	-.4809	.5389	.9827			.1350	.3535
.6770	-.4901	.5363	.9870			.1100	.3266
.7020	-.4799	.5385	.9833			.0850	.3000
.7516	-.4265	.5537	.9590			.0600	.2731
.8017	-.3339	.5804	.9168			.0350	.2462
.8514	-.2293	.6096	.8712			.0100	.2193
.9012	-.1214	.6408	.8231				.1924
.9516	.0082	.6765	.7682				.1655
1.0000	.1378	.7129	.7120				.1386

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TABLE II.- Continued.

TEST 118 RUN 66 POINT 5 GRIT ***OFF***
 PT = 3.3718 TT = 171.2 M.INF = .7711 RC*E06 = 14.80 ALPHA = 2.01
 CM = .4769 CM*.25 = -.1061

CD2 CD1 CD3 CD4 CD5
 .01304 .01306(-.00004) .01306(.00002) .01317(.00013) .01303(-.00001)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01209 .01208(-.00001) .01216(.00007) .01237(.00028) .01244(.00035)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1269	.9910	.1133	0.0000	1.1225	.9899	.1203
.0075	-.7442	.4636	1.1083	.0100	.7235	.8771	.4365
.0101	-.9006	.4195	1.1870	.0177	.5053	.8159	.5466
.0164	-1.1810	.3395	1.3449	.0526	.0658	.6921	.7442
.0260	-1.2844	.3135	1.4021	.1023	-.1939	.6190	.8977
.0265	-1.3059	.3040	1.4240	.1527	-.2860	.5926	.9352
.0308	-1.3058	.3052	1.4210	.2020	-.3735	.5687	.9913
.0364	-1.2930	.3111	1.4076	.2770	-.4974	.5443	.9740
.0518	-1.2268	.3275	1.3709	.3797	-.4590	.5921	.8985
.0769	-1.1634	.3457	1.3318	.4907	-.2926	.6474	.8129
.1019	-1.1001	.3636	1.2948	.5257	-.0953	.6945	.7405
.1518	-1.0211	.3853	1.2317	.6007	.0714	.7221	.6822
.2019	-.6396	.4938	1.0588	.6755	.2692	.7493	.6552
.2519	-.3257	.5919	.9144	.7173	.2099	.7801	.6059
.3018	-.3336	.5797	.9179	.8307	.3789	.7818	.6031
.4018	-.4294	.5536	.9592	.9010	.3883	.7667	.6275
.4519	-.4945	.5466	.9707	.9508	.3325	.7116	.7140
.5020	-.4932	.5470	.9698	1.0000	.1355		
.5270	-.4590	.5435	.9753				
.5520	-.4587	.5437	.9750				
.5770	-.4669	.5414	.9786				
.6020	-.4705	.5383	.9837				
.6270	-.4841	.5362	.9871				
.6519	-.4834	.5371	.9856				
.6770	-.4923	.5357	.9879				
.7020	-.4830	.5381	.9840				
.7516	-.4280	.5537	.9589				
.8017	-.3359	.5806	.9165				
.8519	-.2308	.6096	.8713				
.9012	-.1219	.6402	.8239				
.9518	.0074	.6772	.7671				
1.0000	.1373	.7129	.7121				

TEST 118 RUN 66 POINT 6 GRIT ***OFF***
 PT = 3.3711 TT = 170.5 M.INF = .7720 RC*E06 = 14.89 ALPHA = 2.23
 CM = .5191 CM*.25 = -.1044

CD2 CD1 CD3 CD4 CD5
 .01433 .01435(-.00002) .01447(.00014) .01478(.00044) .01488(.00034)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01323 .01335(-.00012) .01338(.00016) .01392(.00069) .01391(.00066)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1165	.9883	.1298	0.0000	1.1126	.9878	.1353
.0075	-.7878	.4523	1.1261	.0100	.7903	.8846	.4218
.0101	-.9391	.4005	1.2026	.0177	.5344	.8252	.5308
.0164	-1.2174	.3305	1.3643	.0526	.0974	.7001	.7319
.0260	-1.3098	.3061	1.4191	.1023	-.1641	.6300	.8398
.0265	-1.3388	.2944	1.4464	.1527	-.2560	.6016	.8837
.0368	-1.3410	.2965	1.4414	.2020	-.3465	.5751	.9291
.0364	-1.3219	.3027	1.4270	.2770	-.4476	.5446	.9735
.0518	-1.2695	.3187	1.3905	.3797	-.4180	.5498	.9653
.0769	-1.1976	.3342	1.3564	.4907	-.2810	.5949	.8941
.1019	-1.1530	.3529	1.3168	.5257	-.0885	.6484	.8113
.1518	-1.0681	.3728	1.2765	.6007	.0789	.6952	.7394
.2019	-.9966	.3915	1.2396	.6755	.2153	.7338	.6796
.2519	-.4573	.5475	.9689	.7173	.2747	.7509	.6526
.3018	-.3165	.5841	.9111	.8307	.3834	.7823	.6023
.4018	-.3991	.5617	.9463	.9010	.3878	.7825	.6020
.4519	-.4349	.5501	.9648	.9508	.3348	.7681	.6252
.5020	-.4444	.5475	.9689	1.0000	.1357	.7127	.7124
.5270	-.4547	.5446	.9735				
.5520	-.4560	.5450	.9729				
.5770	-.4635	.5437	.9751				
.6020	-.4790	.5379	.9843				
.6270	-.4836	.5376	.9848				
.6519	-.4884	.5373	.9854				
.6770	-.4978	.5324	.9933				
.7020	-.4655	.5355	.9882				
.7516	-.4319	.5526	.9608				
.8017	-.3344	.5776	.9212				
.8519	-.2309	.6088	.8725				
.9012	-.1218	.6404	.8237				
.9518	.0068	.6770	.7674				
1.0000	.1361	.7119	.7136				

TABLE II.- Continued.

PT = 3.3717 TEST 118 RUN 68 POINT 7 GRIT ***OFF***
 CN = .5644 TT = 171.3 M,INF = .7720 RC*E06 = 14.79 ALPHA = 2.50

CD2 CD1 CD3 CD4 CD5
 .01595 .01580(-.00015) .01618(.00023) .01675(.00079) .01513(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01496 .01488(-.00008) .01521(.00026) .01583(.00088) .01431(-.00064)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1061	.9856	.1431	0.0000	1.1046	.9848	.1480
.0075	-.8185	.4426	1.1452	.0100	.7766	.8926	.4056
.0101	-.9689	.3990	1.2254	.0177	.5614	.8312	.5203
.0164	-1.2984	.3227	1.3816	.0526	.1251	.7682	.7194
.0200	-1.3312	.2989	1.4360	.1023	-.1339	.6363	.8300
.0265	-1.3743	.2871	1.4641	.1527	-.2286	.6087	.8726
.0308	-1.3631	.2876	1.4628	.2020	-.3198	.5842	.9109
.0364	-1.3481	.2941	1.4472	.2770	-.4410	.5505	.9641
.0518	-1.2863	.3092	1.4118	.3757	-.4185	.5567	.9542
.0769	-1.2351	.3241	1.3783	.4507	-.2683	.5969	.8910
.1019	-1.1820	.3413	1.3412	.5257	-.0774	.6500	.8073
.1518	-1.1058	.3613	1.2996	.6007	.0838	.6981	.7349
.2019	-1.0483	.3792	1.2637	.6759	.2108	.7359	.6772
.2519	-.9390	.4105	1.2036	.7173	.2786	.7851	.6512
.3018	-.8147	.5578	.9525	.8507	.3851	.8811	.6011
.4018	-.3475	.5745	.9261	.9010	.3895	.7833	.6008
.4519	-.3985	.5603	.9486	.9508	.3370	.7623	.6250
.5020	-.4281	.5542	.9582	1.0000	.1362	.7120	.7123
.5270	-.4383	.5496	.9655				
.5520	-.4444	.5479	.9683				
.5770	-.4613	.5453	.9725				
.6020	-.4723	.5403	.9805				
.6270	-.4804	.5377	.9847				
.6519	-.4826	.5375	.9849				
.6770	-.4932	.5357	.9880				
.7020	-.4831	.5293	.9821				
.7516	-.4284	.5518	.9620				
.8017	-.3341	.5796	.9180				
.8519	-.2244	.6086	.8728				
.9012	-.1229	.6394	.8253				
.9518	.0615	.6735	.7697				
1.0000	.1377	.7131	.7117				

PT = 1.3370 TEST 118 RUN 69 POINT 1 GRIT ***OFF***
 CN = .1767 TT = 170.0 M,INF = .7931 RC*E06 = 15.03 ALPHA = -.03

CD2 CD1 CD3 CD4 CD5
 .01256 .01219(-.00037) .01271(.00015) .01243(-.00013) .01155(-.00101)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01189 .01154(-.00034) .01209(.00020) .01188(-.00001) .01117(-.00071)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1826	1.0047	0.0000	0.0000	1.1824	1.0046	0.0000
.0075	-.3417	.5616	.9465	.0100	.4866	.8035	.5675
.0101	-.5320	.5084	1.0325	.0177	.2930	.7353	.6772
.0164	-.8055	.4278	1.1718	.0526	-.1853	.6076	.8744
.0200	-.9190	.3965	1.2301	.1023	-.4408	.5284	.9997
.0265	-.9067	.4003	1.2229	.1527	-.5423	.5049	1.0383
.0308	-.9261	.3943	1.2344	.2020	-.5955	.4872	1.0679
.0364	-.8702	.4107	1.2034	.2770	-.7482	.4428	1.1449
.0518	-.3927	.5481	.9680	.3757	-.9374	.3878	1.2469
.0769	-.4006	.5451	.9728	.4507	-.4204	.5378	.9845
.1019	-.3755	.5532	.9599	.5257	-.1618	.6161	.8582
.1518	-.3246	.5666	.9386	.6007	.0402	.6711	.7765
.2019	-.2932	.5752	.9251	.6759	.1764	.7122	.7131
.2519	-.3091	.5705	.9323	.7173	.2365	.7286	.6876
.3018	-.3137	.5692	.9344	.8507	.3461	.7602	.6379
.4018	-.3647	.5541	.9585	.9010	.3553	.7625	.6342
.4519	-.3870	.5465	.9705	.9508	.3116	.7491	.6595
.5020	-.3902	.5455	.9721	1.0000	.1422	.7003	.7316
.5270	-.3987	.5451	.9728				
.5520	-.4009	.5428	.9764				
.5770	-.4181	.5372	.9855				
.6020	-.4376	.5308	.9958				
.6270	-.4517	.5257	1.0041				
.6519	-.4617	.5239	1.0071				
.6770	-.4763	.5215	1.0110				
.7020	-.4844	.5207	1.0122				
.7516	-.4257	.5360	.9874				
.8017	-.3266	.5632	.9407				
.8519	-.2228	.5991	.8939				
.9012	-.1153	.6256	.8466				
.9518	.0138	.6638	.7877				
1.0000	.1426	.7026	.7281				

TABLE II.- Continued.

PT = 3.3383 TEST 118 RUN 69 POINT 2 GRIT ***OFF***
 CN = .3176 TT = 170.7 M,INF = .7907 RC*E06 = 14.91 ALPHA = .96
 CD2 CD1 CD3 CD4 CD5
 .01045 .01634(-.00011) .01638(-.00007) .01004(-.00040) .00971(-.00074)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00967 .00969(.00002) .00988(.00001) .00947(-.00020) .00917(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	1.1688	1.0001	0.0000	0.0000	1.1661	.9997	.0197
.0075	-.4966	.5161	1.0198	.0100	.6136	.8387	.5072
.0101	-.5821	.4614	1.1121	.0177	.3883	.7737	.6163
.0164	-.9074	.3798	1.2625	.0526	-.0569	.6449	.6168
.0200	-1.0740	.3498	1.3233	.1023	-.3228	.5681	.9362
.0265	-1.0841	.3442	1.3350	.1527	-.4080	.5438	.9748
.0308	-1.0815	.3451	1.3331	.2020	-.4912	.5199	1.0136
.0364	-1.0767	.3490	1.3250	.2770	-.6543	.4705	1.0964
.0518	-.9962	.3712	1.2795	.3757	-.8296	.4182	1.1894
.0769	-.9092	.3975	1.2282	.4507	-.9075	.3715	.9307
.1019	-.8426	.4174	1.1910	.5257	-.1131	.6284	.8423
.1316	-.3318	.5650	.9396	.6007	.0556	.6774	.7669
.2019	-.3254	.5679	.9364	.6755	.1959	.7180	.7042
.2519	-.3578	.5567	.9543	.7173	.2568	.7369	.6747
.3018	-.3707	.5519	.9619	.8507	.3696	.7694	.6232
.4018	-.4285	.5364	.9868	.9010	.3762	.7711	.6205
.4519	-.4464	.5315	.9946	.9508	.3274	.7575	.6422
.5620	-.4408	.5332	.9919	1.0000	.1414	.7035	.7266
.5270	-.4477	.5310	.9956				
.5520	-.4464	.5333	.9917				
.5770	-.4543	.5308	.9959				
.6020	-.4726	.5250	1.0052				
.6270	-.4335	.5228	1.0089				
.6519	-.4873	.5215	1.0109				
.6770	-.5055	.5162	1.0196				
.7020	-.5041	.5154	1.0209				
.7516	-.4331	.5365	.9866				
.8017	-.3293	.5659	.9397				
.8519	-.2226	.5949	.8909				
.9012	-.1135	.6288	.8416				
.9518	.0160	.6672	.7825				
1.0000	.1428	.7039	.7260				

PT = 3.3387 TEST 118 RUN 69 POINT 3 GRIT ***OFF***
 CN = .4099 TT = 170.5 M,INF = .7933 RC*E06 = 14.96 ALPHA = 1.50
 CD2 CD1 CD3 CD4 CD5
 .01102 .01688(-.00014) .01104(.00001) .01168(.00006) .01081(-.00021)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .01632 .01624(-.00004) .01035(.00003) .01051(.00019) .01027(-.00004)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	1.1553	.9966	.0701	0.0000	1.1523	.9958	.0779
.0075	-.5797	.4922	1.0595	.0100	.6707	.8555	.4771
.0101	-.7546	.4404	1.1492	.0177	.4508	.7908	.5884
.0164	-1.0275	.3614	1.2993	.0526	.0086	.6621	.7904
.0200	-1.1163	.3336	1.3578	.1023	-.2563	.5848	.9099
.0265	-1.1548	.3242	1.3781	.1527	-.3486	.5587	.9510
.0308	-1.1498	.3251	1.3762	.2020	-.4362	.5325	.9931
.0364	-1.1336	.3285	1.3688	.2770	-.6033	.4637	1.0739
.0518	-1.0687	.3476	1.3278	.3757	-.8626	.4675	1.1015
.0769	-1.0031	.3671	1.2876	.4507	-.9061	.5717	.9305
.1019	-.9468	.3834	1.2554	.5257	-.1028	.6292	.8410
.1316	-.8765	.4051	1.2139	.6007	.0667	.6793	.7640
.2019	-.6527	.4694	1.0983	.6755	.2064	.7205	.7003
.2519	-.2981	.5727	.9290	.7173	.2680	.7381	.6728
.3018	-.3249	.5658	.9398	.8507	.3793	.7711	.6205
.4018	-.4318	.5352	.9888	.9010	.3848	.7730	.6174
.4519	-.4650	.5234	1.0078	.9508	.3345	.7579	.6415
.5020	-.4642	.5246	1.0059	1.0000	.1412	.7029	.7275
.5270	-.4706	.5235	1.0078				
.5520	-.4671	.5240	1.0068				
.5770	-.4759	.5224	1.0094				
.6020	-.4915	.5185	1.0159				
.6270	-.5038	.5141	1.0230				
.6519	-.5059	.5154	1.0210				
.6770	-.5208	.5099	1.0301				
.7020	-.5184	.5104	1.0293				
.7516	-.4397	.5324	.9933				
.8017	-.3306	.5644	.9420				
.8519	-.2230	.5968	.8912				
.9012	-.1124	.6278	.8432				
.9518	.0176	.6655	.7851				
1.0000	.1437	.7029	.7276				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 64 POINT 4 GRIT ***OFF***
 PT = 3.3388 TT = 171.0 M,INF = .7928 RC*EO6 = 14.91 ALPHA = 1.76
 CN = .4553 CM.25 = -.1092
 CD2 CD1 CD3 CD4 CD5
 .01255 .01242(-.00013) .01278(.00014) .01289(-.00034) .01177(-.00078)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01152 .01150(-.00002) .01167(.00015) .01201(.00050) .01082(-.00070)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1501	.9948	.0867	0.0000	1.1478	.9941	.0919
.0075	-.0087	.4813	1.0778	.0100	.6968	.8630	.4632
.0101	-.7859	.4312	1.1656	.0177	.4805	.8000	.5734
.0164	-1.0535	.3518	1.3192	.0526	.0395	.6716	.7753
.0200	-1.1534	.3253	1.3758	.1023	-.2256	.9938	.8958
.0265	-1.1874	.3144	1.4002	.1527	-.3196	.9675	.9371
.0308	-1.1823	.3156	1.3973	.2020	-.4110	.9410	.9793
.0364	-1.1735	.3195	1.3887	.2770	-.5740	.4927	1.0586
.0518	-1.1063	.3377	1.3487	.3757	-.5847	.4899	1.0634
.0769	-1.0470	.3558	1.3109	.4507	-.2992	.5725	.9292
.1019	-.9865	.3720	1.2780	.5257	-.0975	.6213	.8377
.1518	-.9244	.3916	1.2396	.6007	.0724	.6806	.7620
.2019	-.8633	.4095	1.2056	.6755	.2113	.7214	.6989
.2519	-.8063	.4891	1.0644	.7173	.2723	.7390	.6715
.3018	-.2975	.5735	.9276	.8507	.3832	.7715	.6198
.4018	-.3935	.5450	.9729	.9010	.3883	.7725	.6182
.4519	-.4428	.5307	.9960	.9505	.3379	.7577	.6418
.5020	-.4572	.5261	1.0034	1.0000	.1428	.7013	.7207
.5270	-.4694	.5231	1.0084				
.5520	-.4683	.5230	1.0085				
.5770	-.4800	.5200	1.0135				
.6020	-.4976	.5140	1.0233				
.6270	-.5131	.5102	1.0295				
.6519	-.5116	.5109	1.0284				
.6770	-.5302	.5057	1.0370				
.7020	-.5247	.5065	1.0356				
.7516	-.4405	.5326	.9929				
.8017	-.3294	.5640	.9426				
.8519	-.2222	.5955	.8932				
.9012	-.1115	.6275	.8436				
.9518	.0176	.6653	.7852				
1.0000	.1453	.7024	.7283				

TEST 118 RUN 69 POINT 5 GRIT ***OFF***
 PT = 3.3383 TT = 170.8 M,INF = .7933 RC*EO6 = 14.94 ALPHA = 2.01
 CN = .5148 CM.25 = -.1055
 CD2 CD1 CD3 CD4 CD5
 .01417 .01375(-.00043) .01446(-.00029) .01377(-.00040) .01141(-.00276)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01294 .01264(-.00030) .01325(.00031) .01275(-.00019) .01047(-.00247)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1446	.9933	.0979	0.0000	1.1396	.9921	.1063
.0075	-.0611	.4688	1.0994	.0100	.7240	.8712	.4479
.0101	-.0159	.4221	1.1822	.0177	.5084	.8077	.5604
.0164	-1.0057	.3432	1.3371	.0526	.0698	.6805	.7620
.0200	-1.1861	.3166	1.3950	.1023	-.1039	.6039	.8802
.0265	-1.2203	.3056	1.4201	.1527	-.2905	.5750	.9253
.0308	-1.2113	.3069	1.4172	.2020	-.3842	.5481	.9864
.0364	-1.1995	.3128	1.4038	.2770	-.5416	.5018	1.0444
.0518	-1.1366	.3280	1.3699	.3757	-.5416	.5013	1.0443
.0769	-1.0823	.3452	1.3330	.4507	-.2928	.5741	.9267
.1019	-1.0317	.3600	1.3021	.5257	-.0916	.6330	.8351
.1518	-.9648	.3785	1.2651	.6007	.0771	.6835	.7574
.2019	-.9118	.3957	1.2316	.6755	.2166	.7233	.6959
.2519	-.8710	.4058	1.2126	.7173	.2766	.7409	.6685
.3018	-.7058	.4533	1.1262	.8507	.3874	.7732	.6170
.4018	-.3296	.5634	.9436	.9010	.3918	.7738	.6160
.4519	-.3876	.5468	.9701	.9508	.3466	.7584	.6407
.5020	-.4291	.5365	.9888	1.0000	.1435	.7014	.7299
.5270	-.4427	.5314	.9949				
.5520	-.4520	.5288	.9991				
.5770	-.4682	.5243	1.0063				
.6020	-.4891	.5171	1.0182				
.6270	-.5010	.5127	1.0254				
.6519	-.5102	.5107	1.0287				
.6770	-.5277	.5053	1.0377				
.7020	-.5225	.5068	1.0351				
.7516	-.4450	.5291	.9986				
.8017	-.3506	.5638	.9430				
.8519	-.2200	.5950	.8939				
.9012	-.1126	.6280	.8428				
.9518	.0186	.6653	.7854				
1.0000	.1457	.7017	.7293				

OF POOR QUALITY

TABLE II.- Continued.

PT = 3.3385 TEST 118 RUN 69 POINT 6 GRIT ****OFF***
 CN = .5499 TY = 170.7 M, INF = .7903 RC*E06 = 14.91 ALPHA = 2.23

CD2 CD1 CD3 CD4 CD5
 CDCOR2 .01501(-.40078) .01617(.00037) .01419(-.00161) .01223(-.00399)
 .01446 .01375(-.00071) .01467(.00041) .01309(-.00137) .01071(-.00175)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1320	.9903	.1176	0.0000	1.1279	.9887	.1274
.0075	-.7022	.4566	1.1205	.0100	.7482	.8789	.4329
.0101	-.8609	.4129	1.1992	.0177	-.5344	.8177	.5435
.0164	-1.1392	.3335	1.3578	.0526	.0987	.6901	.7473
.0200	-1.2236	.3074	1.4160	.1023	-.1647	.5131	.8659
.0265	-1.2609	.2967	1.4409	.1527	-.2612	.3865	.9073
.0308	-1.2560	.2985	1.4368	.2020	-.3386	.3569	.9539
.0364	-1.2356	.3040	1.4239	.2770	-.3057	.3158	1.0203
.0518	-1.1923	.3187	1.3905	.3757	-.4490	.5207	1.0122
.0769	-1.1241	.3339	1.3569	.4507	-.2893	.5770	.9208
.1019	-1.0704	.3498	1.3231	.5257	-.0856	.6274	.8283
.1518	-1.0152	.3680	1.2860	.6007	.0815	.6861	.7534
.2019	-.9959	.3834	1.2554	.6755	.2200	.7234	.6927
.2519	-.9228	.3950	1.2330	.7173	.2792	.7432	.6647
.3018	-.8642	.4049	1.2142	.8507	.3878	.7741	.6159
.4018	-.3313	.5645	.9419	.9010	.3921	.7739	.6126
.4519	-.3461	.5619	.9459	.9508	.3416	.7601	.6280
.5020	-.3864	.5506	.9639	1.0000	-.1426	.7025	.7282
.5270	-.4043	.5442	.9742				
.5520	-.4267	.5388	.9829				
.5770	-.4483	.5316	.9946				
.6020	-.4728	.5255	1.0045				
.6270	-.4853	.5198	1.0138				
.6519	-.4942	.5175	1.0175				
.6770	-.5139	.5107	1.0287				
.7020	-.5124	.5123	1.0260				
.7516	-.4405	.5315	.9947				
.8017	-.3327	.5664	.9308				
.8519	-.2225	.5959	.8926				
.9012	-.1131	.6279	.8430				
.9516	.0158	.6662	.7840				
1.0000	.1436	.7021	.7288				

PT = 3.2872 TEST 118 RUN 70 POINT 1 GRIT ****OFF***
 CN = .1707 TY = 170.7 M, INF = .8133 RC*E06 = 14.91 ALPHA = -.04

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1908	1.0044	0.0000	0.0000	1.1906	1.0043	0.0000
.0075	-.2945	.5578	.9528	.0100	.5122	.8010	.5717
.0101	-.4817	.5037	1.0404	.0177	.2830	.7520	.8823
.0164	-.7500	.4223	1.1819	.0526	-.1513	.6021	.8829
.0200	-.8592	.3886	1.2452	.1023	-.4343	.5165	1.0191
.0265	-.8637	.3885	1.2456	.1527	-.5158	.4941	1.0964
.0308	-.8809	.3841	1.2540	.2020	-.5868	.4721	1.0936
.0364	-.8400	.3944	1.2341	.2770	-.7322	.4285	1.1705
.0518	-.7042	.4359	1.1572	.3757	-.9202	.3718	1.2784
.0769	-.3537	.5414	.9787	.4507	-.4778	.5049	1.0383
.1019	-.3725	.5351	.9889	.5257	-.2548	.3714	.9310
.1518	-.3372	.5475	.9690	.6007	-.0448	.6339	.8337
.2019	-.2.86	.5544	.9515	.6755	.1323	.6869	.7522
.2519	-.3166	.5530	.9601	.7173	.1980	.7066	.7219
.3018	-.3235	.5506	.9640	.8507	.3150	.7409	.6683
.4018	-.3844	.5329	.9925	.9010	.3312	.7462	.6601
.4519	-.4122	.5242	1.0065	.9508	.2994	.7367	.6751
.5020	-.4138	.5233	1.0080	1.0000	.1493	.6913	.7455
.5270	-.4245	.5199	1.0136				
.5520	-.4263	.5194	1.0145				
.5770	-.4391	.5143	1.0228				
.6020	-.4647	.5072	1.0343				
.6270	-.4646	.5015	1.0439				
.6519	-.5026	.4954	1.0542				
.6770	-.5263	.4887	1.0634				
.7020	-.5437	.4828	1.0753				
.7516	-.4805	.5021	1.0429				
.8017	-.3130	.5325	.9609				
.8519	-.2074	.5849	.9097				
.9012	-.0976	.6171	.8596				
.9518	.0316	.6566	.7988				
1.0000	.1590	.6945	.7406				

TABLE II.- Continued.

PT = 3.2871 TEST 118 RUN 70 POINT 2 GRIT ***OFF***
 CM = .3321 TT = 170.6 M, INF = .8119 RC*E06 = 14.91 ALPHA = 1.00
 CD2 CD1 CD3 CD4 CD5
 .01326 .01309(-.00018) .01345(.00019) .01316(-.00010) .01245(-.00081)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01214 .01204(-.00015) .01236(.00022) .01211(-.00004) .01166(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1779	1.0007	0.0000	0.0000	1.1773	1.0002	0.0000
.0075	-.4293	.5180	1.0168	.0100	.6212	.8335	.5163
.0101	-.6275	.4601	1.1144	.0177	.3993	.7673	.6265
.0164	-.9007	.3785	1.2651	.0526	-.0394	.6352	.8318
.0200	-.9955	.3492	1.3244	.1023	-.3118	.5937	.9591
.0265	-1.0140	.3431	1.3372	.1927	-.4010	.5281	1.0002
.0308	-1.0131	.3446	1.3341	.2020	-.4839	.5032	1.0410
.0364	-1.0012	.3475	1.3280	.2770	-.6461	.4542	1.1247
.0518	-.9325	.3683	1.2854	.3757	-.8431	.3944	1.2341
.0769	-.8525	.3912	1.2404	.4907	-.4278	.5198	1.0138
.1019	-.8007	.4070	1.2102	.5257	-.1075	.6137	.8618
.1518	-.7377	.4273	1.1726	.6007	.0703	.6688	.7800
.2019	-.3117	.5548	.9573	.6755	.2034	.7088	.7185
.2519	-.2925	.5601	.9488	.7173	.2631	.7259	.6919
.3018	-.3326	.5475	.9690	.8507	.3690	.7580	.6414
.4018	-.4295	.5192	1.0146	.9010	.3733	.7602	.6379
.4519	-.4805	.5040	1.0397	.9508	.3272	.7459	.6805
.5020	-.4948	.4996	1.0472	1.0000	.1449	.6913	.7452
.5270	-.5056	.4955	1.0539				
.5520	-.4967	.4979	1.0500				
.5770	-.4916	.4999	1.0465				
.6020	-.4947	.4996	1.0472				
.6270	-.5067	.4963	1.0527				
.6519	-.5185	.4929	1.0583				
.6770	-.5447	.4650	1.0716				
.7020	-.5644	.4782	1.0831				
.7516	-.4917	.5005	1.0456				
.8017	-.3154	.5533	.9597				
.8519	-.2069	.5854	.9090				
.9012	-.0997	.6173	.8593				
.9518	.0271	.6553	.8008				
1.0000	.1477	.6923	.7439				

PT = 3.2875 TEST 118 RUN 70 POINT 3 GRIT ***OFF***
 CM = .4241 TT = 170.3 M, INF = .8102 RC*E06 = 14.93 ALPHA = 1.46
 CD2 CD1 CD3 CD4 CD5
 .01305 .01257(-.00048) .01318(.00014) .01271(-.00034) .01072(-.00233)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01202 .01169(-.00033) .01218(.00016) .01187(-.00015) .00974(-.00227)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1673	.9978	.0559	0.0000	1.1656	.9972	.0631
.0075	-.5058	.4982	1.0494	.0100	.6691	.8489	.4890
.0101	-.6836	.4430	1.1445	.0177	.4515	.7841	.5994
.0164	-.9568	.3641	1.2939	.0526	.0128	.6532	.8040
.0200	-1.0442	.3356	1.3533	.1023	-.2366	.5719	.9302
.0265	-1.0800	.3266	1.3730	.1927	-.3489	.5447	.9734
.0308	-1.0707	.3271	1.3714	.2020	-.4341	.5178	1.0171
.0364	-1.0608	.3306	1.3641	.2770	-.6050	.4671	1.1022
.0518	-1.0059	.3491	1.3246	.3757	-.7951	.4097	1.2053
.0769	-.9449	.3674	1.2871	.4907	-.5179	.5533	.9597
.1019	-.8889	.3828	1.2565	.5257	-.0864	.6236	.8496
.1518	-.8314	.4006	1.2224	.6007	.0774	.6718	.7735
.2019	-.7732	.4182	1.1931	.6755	.2135	.7126	.7126
.2519	-.7420	.4261	1.1749	.7173	.2734	.7310	.6840
.3018	-.4029	.5272	1.0018	.8507	.3813	.7628	.6337
.4018	-.3529	.5428	.9765	.9010	.3865	.7644	.6312
.4519	-.4321	.5204	1.0120	.9508	.3368	.7499	.6542
.5020	-.4689	.5084	1.0324	1.0000	.1467	.6928	.7431
.5270	-.4602	.5023	1.0427				
.5520	-.4941	.5019	1.0433				
.5770	-.5026	.4987	1.0485				
.6020	-.5151	.4950	1.0547				
.6270	-.5287	.4916	1.0605				
.6519	-.5346	.4893	1.0644				
.6770	-.5568	.4641	1.0732				
.7020	-.5700	.4759	1.0871				
.7516	-.4884	.5037	1.0403				
.8017	-.3164	.5552	.9566				
.8519	-.2085	.5869	.9068				
.9012	-.1016	.6194	.8562				
.9518	.0242	.6587	.7956				
1.0000	.1483	.6942	.7410				

TABLE II.- Continued.

PT = 3.2875 TT = 170.8 RUN 70 POINT 4 GRIT ***OFF***
 CN = .4657 CM.25 = -.1100 M.INF = .8120 RC*E06 = 14.89 ALPHA = 1.74

CD2 CD1 CD3 CD4 CD5
 .01423 .01267(-.00156) .01483(.00060) .01216(-.00207) .01120(-.00303)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01275 .01149(-.00126) .01345(.00070) .01087(-.00189) .01007(-.00268)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.1621	.9962	.0733	0.0000	1.1587	.9952	.0832
.3075	-.5469	.4898	1.0703	.0100	.6975	.8577	.4731
.0101	-.7187	.4341	1.1603	.0177	.4830	.7932	.5844
.0164	-.9885	.3545	1.3134	.0926	.0441	.6620	.7906
.0200	-1.0754	.3277	1.3705	.1023	-.2231	.5817	.9147
.0265	-1.1176	.3161	1.3963	.1527	-.3185	.5532	.9598
.0308	-1.1083	.3177	1.3925	.2020	-.4087	.5253	1.0048
.0364	-1.0971	.3212	1.3848	.2770	-.5806	.4745	1.0895
.0518	-1.0395	.3384	1.3473	.3757	-.7676	.4155	1.1888
.0769	-.9826	.3551	1.3122	.4507	-.9219	.3642	1.2888
.1019	-.9317	.3698	1.2824	.5257	-1.0804	.3231	.9423
.1518	-.8742	.3870	1.2484	.6007	-.0811	.6727	.7741
.2019	-.8237	.4010	1.2216	.6755	.2187	.7135	.7112
.2519	-.7979	.4095	1.2056	.7173	.2784	.7315	.6831
.3018	-.7891	.4121	1.2007	.8507	.3871	.7641	.6316
.4018	-.3475	.5446	.9736	.9010	.3915	.7653	.6297
.4519	-.3181	.5918	.9620	.9508	.3406	.7498	.6543
.5020	-.3713	.5373	.9893	1.0000	.1459	.6904	.7469
.5270	-.3965	.5293	.9983				
.5520	-.4196	.5226	1.0091				
.5770	-.4468	.5146	1.0223				
.6020	-.4786	.5049	1.0383				
.6270	-.5077	.4958	1.0535				
.6519	-.5264	.4884	1.0659				
.6770	-.5582	.4799	1.0862				
.7020	-.5833	.4720	1.0958				
.7516	-.5656	.4960	1.0531				
.8017	-.5147	.5928	.9604				
.8519	-.4662	.5860	.9681				
.9012	-.0990	.6180	.8583				
.9518	.0274	.6559	.7908				
1.0000	.1496	.6922	.7441				

PT = 3.2878 TT = 171.1 RUN 70 POINT 5 GRIT ***OFF***
 CN = .5066 CM.25 = -.1100 M.INF = .8108 RC*E06 = 14.85 ALPHA = 2.00

CD2 CD1 CD3 CD4 CD5
 .01435 .01413(-.0022) .01492(.00057) .01276(-.00199) .01193(-.00240)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01283 .01272(-.00011) .01334(.00051) .01118(-.00165) .01068(-.00215)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.1559	.9941	.0921	0.0000	1.1523	.9932	.0984
.0075	-.5822	.4732	1.0882	.0100	.7202	.8635	.4623
.0101	-.7464	.4273	1.1728	.0177	.5062	.8010	.5716
.0164	-1.0099	.3457	1.3319	.0526	.0701	.6711	.7766
.0200	-1.0931	.3193	1.3891	.1023	-.1980	.5897	.9021
.0265	-1.1312	.3088	1.4127	.1527	-.2948	.5610	.9473
.0308	-1.1346	.3115	1.4066	.2020	-.3890	.5356	.9945
.0364	-1.1113	.3138	1.4013	.2770	-.5630	.4810	1.0785
.0518	-1.0749	.3301	1.3652	.3757	-.7224	.4341	1.1604
.0769	-1.0215	.3459	1.3315	.4507	-.8737	.3682	.9360
.1019	-.9663	.3602	1.3018	.5257	-.0809	.6240	.8490
.1518	-.9147	.3768	1.2685	.6007	.0843	.6729	.7737
.2019	-.8600	.3906	1.2415	.6755	.2218	.7150	.7088
.2519	-.8354	.3996	1.2242	.7173	.2812	.7323	.6819
.3018	-.8781	.4026	1.2185	.8507	.3892	.7664	.6280
.4018	-.6493	.4562	1.1211	.9010	.3939	.7671	.6269
.4519	-.4418	.5160	1.0200	.9508	.3428	.7512	.6521
.5020	-.3231	.5509	.9635	1.0000	.1451	.6917	.7448
.5270	-.3337	.5490	.9665				
.5520	-.3510	.5430	.9761				
.5770	-.4023	.5308	.9958				
.6020	-.4308	.5210	1.0118				
.6270	-.4484	.5148	1.0220				
.6519	-.4604	.5046	1.0385				
.6770	-.5302	.4929	1.0582				
.7020	-.5469	.4856	1.0706				
.7516	-.4843	.5048	1.0384				
.8017	-.3174	.5534	.9599				
.8519	-.2084	.5863	.9076				
.9012	-.0991	.6179	.8585				
.9518	.0274	.6583	.7992				
1.0000	.1476	.6947	.7402				

COORDINATES
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 49 POINT 1 GRIT ***OFF***
 PT = 5.5695 TT = 119.6 M,INF = .4994 RC*E96 = 38.18 ALPHA = -.02
 CM = .1788 CM.25 = -.0936

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLDC	X/C	CP	P/PY	MLDC
0.0000	1.0000	1.0000	0.0000	0.0000	1.0045	1.0001	0.0000
.0075	-.8567	.7486	.6904	.0100	.8342	.8937	.4047
.0101	-.7726	.7326	.6939	.0177	-.1112	.8609	.4686
.0164	-.7922	.7294	.6835	.0526	-.2576	.8073	.5628
.0200	-.7308	.7389	.6735	.1023	-.4109	.7872	.5960
.0265	-.5300	.7677	.6278	.1527	-.4109	.7855	.5988
.0308	-.6066	.7568	.6453	.2020	-.4347	.7607	.6067
.0364	-.5034	.7720	.6208	.2779	-.4641	.7782	.6108
.0518	-.4140	.7841	.6011	.3757	-.4160	.7848	.6000
.0769	-.3541	.7929	.5867	.4507	-.3096	.8005	.5742
.1019	-.3183	.7994	.5760	.5257	-.1966	.8223	.5373
.1518	-.2773	.8050	.5667	.6007	-.0041	.8435	.5001
.2019	-.2493	.8078	.5618	.6755	.1196	.8621	.4622
.2519	-.2350	.8086	.5606	.7773	.1790	.8709	.4496
.3018	-.2570	.8079	.5617	.8507	.2901	.8874	.4174
.4018	-.1847	.8041	.5601	.9010	.2903	.8877	.4168
.4519	-.2913	.8026	.5707	.9508	.2355	.8820	.4282
.5020	-.2878	.8029	.5702	1.0000	.0843	.8568	.4761
.5270	-.2974	.8012	.5729				
.5520	-.2981	.8013	.5728				
.5770	-.3038	.8010	.5733				
.6020	-.3125	.7983	.5779				
.6270	-.3176	.7983	.5778				
.6519	-.3221	.7974	.5794				
.6770	-.3292	.7953	.5829				
.7020	-.3295	.7955	.5825				
.7316	-.3152	.7970	.5800				
.8017	-.2740	.8033	.5695				
.8519	-.2152	.8119	.5550				
.9012	-.1452	.8217	.5384				
.9518	-.0480	.8369	.5127				
1.0000	.0837	.8559	.4777				

TEST 110 RUN 49 POINT 2 GRIT ***OFF***
 PT = 5.5692 TT = 120.1 M,INF = .4993 RC*E96 = 29.06 ALPHA = 1.01
 CM = .2980 CM.25 = -.0950

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLDC	X/C	CP	P/PY	MLDC
0.0000	1.0045	.9915	.1105	0.0000	1.0041	.9912	.1127
.0075	-1.1806	.6790	.7806	.0100	.9549	.9297	.3345
.0101	-1.2643	.6574	.7999	.0177	.8289	.8921	.4079
.0164	-1.2154	.6647	.7887	.0526	-.0779	.8125	.5197
.0200	-1.0936	.6827	.7610	.1023	-.2614	.8056	.5656
.0265	-.7934	.7279	.6909	.1527	-.2940	.7953	.5928
.0308	-.9049	.7103	.7182	.2020	-.3372	.7883	.5944
.0364	-.7440	.7341	.6811	.2779	-.3832	.7923	.5876
.0518	-.6058	.7549	.6482	.3757	-.3541	.8062	.5647
.0769	-.5071	.7694	.6250	.4507	-.2613	.8268	.5295
.1019	-.4457	.7786	.6102	.5257	-.1192	.8479	.4923
.1518	-.3765	.7899	.5917	.6007	.0235	.8649	.4610
.2019	-.3316	.7961	.5815	.6755	.1418	.8731	.4455
.2519	-.3243	.7966	.5807	.7773	.2032	.8800	.4162
.3018	-.3204	.7973	.5829	.8507	.3007	.8891	.4141
.4018	-.3363	.7952	.5837	.9010	.2628	.8823	.4275
.4519	-.3542	.7948	.5819	.9508	.0845	.8558	.4760
.5020	-.3299	.7947	.5838	1.0000			
.5270	-.3376	.7947	.5837				
.5520	-.3355	.7947	.5839				
.5770	-.3396	.7934	.5859				
.6020	-.3446	.7929	.5868				
.6270	-.3502	.7923	.5877				
.6519	-.3500	.7914	.5892				
.6770	-.3567	.7903	.5910				
.7020	-.3548	.7912	.5896				
.7316	-.3361	.7939	.5851				
.8017	-.2910	.8008	.5737				
.8519	-.2271	.8102	.5579				
.9012	-.1522	.8210	.5394				
.9518	-.0499	.8343	.5128				
1.0000	.0853	.8553	.4784				

OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 49 POINT 3 GRIT ***OFF***
 PT = 5.5691 TT = 120.3 M, INF = .4978 RC*E06 = 29.02 ALPHA = 1.50
 CN = .3539 CM.25 = -.0951

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.9557	.9842	.1512	0.0000	.9522	.9839	.1529
.0075	-1.4507	.6323	.8386	.0100	.6479	.9393	.3008
.0101	-1.5337	.6209	.8562	.0177	.4102	.9063	.3781
.0164	-1.4351	.6345	.8353	.0526	.0024	.8462	.4953
.0200	-1.2750	.6607	.7949	.1023	-.1977	.8165	.5473
.0265	-.9253	.7097	.7191	.1527	-.2457	.8087	.5604
.0308	-1.0565	.6906	.7487	.2020	-.2923	.8012	.5729
.0364	-.8617	.7204	.7021	.2770	-.3453	.7938	.5852
.0518	-.7001	.7436	.6662	.3757	-.3255	.7963	.5811
.0769	-.5814	.7615	.6377	.4507	-.2390	.8289	.5600
.1019	-.5073	.7714	.6218	.5257	-.1025	.8293	.5252
.1513	-.4247	.7825	.6038	.6007	.0316	.8494	.4895
.2019	-.3716	.7896	.5922	.6755	.1316	.8660	.4574
.2519	-.3604	.7916	.5869	.7173	.2066	.8747	.4423
.3018	-.3503	.7926	.5872	.8507	.3095	.8898	.4128
.4018	-.3611	.7910	.5898	.9010	.3137	.8903	.4115
.4519	-.3600	.7916	.5889	.9508	.2661	.8828	.4249
.5020	-.3496	.7938	.5852	1.0000	.0869	.8564	.4768
.5270	-.3558	.7927	.5870				
.5520	-.3535	.7929	.5867				
.5770	-.3554	.7924	.5872				
.6020	-.3599	.7918	.5885				
.6270	-.3642	.7923	.5882				
.6519	-.3641	.7901	.5913				
.6770	-.3690	.7908	.5902				
.7020	-.3662	.7916	.5888				
.7516	-.3449	.7937	.5853				
.8017	-.2982	.8019	.5717				
.8519	-.2312	.8110	.5564				
.9012	-.1559	.8233	.5356				
.9518	-.0512	.8383	.5093				
1.0000	.0856	.8572	.4753				

TEST 110 RUN 49 POINT 4 GRIT ***OFF***
 PT = 5.5691 TT = 119.8 M, INF = .4991 RC*E06 = 30.06 ALPHA = 1.75
 CN = .3837 CM.25 = -.0953

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	.9250	.9797	.1718	0.0000	.9253	.9796	.1721
.0075	-1.6048	.6076	.8769	.0100	.6934	.9459	.2835
.0101	-1.6865	.5966	.8941	.0177	.4667	.9128	.3639
.0164	-1.5624	.6160	.8639	.0526	.0431	.8511	.4865
.0200	-1.3802	.6434	.8215	.1023	-.1645	.8209	.5396
.0265	-.9993	.6984	.7367	.1527	-.2194	.8116	.5556
.0308	-1.1403	.6767	.7702	.2020	-.2694	.8051	.5665
.0364	-.9274	.7095	.7195	.2770	-.3271	.7961	.5814
.0518	-.7499	.7352	.6794	.3757	-.2111	.7980	.5783
.0769	-.6210	.7542	.6493	.4507	-.2268	.8112	.5561
.1019	-.5403	.7661	.6303	.5257	-.0932	.8203	.5235
.1513	-.4502	.7777	.6117	.6007	.0389	.8495	.4894
.2019	-.3924	.7871	.5963	.6755	.1374	.8669	.4573
.2519	-.3793	.7885	.5940	.7173	.2119	.8752	.44.4
.3018	-.3662	.7899	.5916	.8507	.3124	.8896	.4130
.4018	-.3729	.7899	.5917	.9010	.3165	.8899	.4125
.4519	-.3711	.7895	.5923	.9508	.2669	.8826	.4269
.5020	-.3603	.7910	.5900	1.0000	.0874	.8565	.4766
.5270	-.3653	.7901	.5913				
.5520	-.3622	.7912	.5896				
.5770	-.3643	.7902	.5912				
.6020	-.3695	.7888	.5935				
.6270	-.3722	.7880	.5948				
.6519	-.3714	.7891	.5930				
.6770	-.3754	.7884	.5941				
.7020	-.3722	.7888	.5936				
.7516	-.3510	.7917	.5887				
.8017	-.3011	.7994	.5760				
.8519	-.2338	.8093	.5594				
.9012	-.1562	.8211	.5393				
.9518	-.0513	.8367	.5123				
1.0000	.0862	.8563	.4770				

TABLE II.- Continued.

PT = 5.3692 TEST 118 RUN 49 POINT 5 GRIT ***OFF***
 CM = .4123 TT = 120.3 M.INF = .4998 RC*E06 = 29.94 ALPHA = 2.00

CD2 CD1 CD3 CD4 CD5
 .00804 .00793(-.00012) .00786(-.00019) .00739(-.00065) .00714(-.00091)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00706 .00707(.00001) .00696(-.00011) .00667(-.00039) .00662(-.00044)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8947	.5750	.1907	0.0000	.8895	.9744	.1929
.0075	-1.7629	.9657	.9112	.0100	.7316	.9510	.2692
.0101	-1.8427	.9721	.9329	.0177	.9103	.9189	.3573
.0164	-1.6880	.9948	.8973	.0526	.0807	.6554	.4786
.0200	-1.4789	.8266	.8475	.1623	-.1351	.8237	.5349
.0265	-1.0701	.6858	.7562	.1527	-.1946	.8152	.5494
.0300	-1.2216	.6825	.7905	.2020	-.2466	.8075	.5624
.0364	-.9884	.6986	.7364	.2770	-.3087	.7966	.5770
.0518	-.7996	.7270	.6922	.3757	-.2966	.8007	.5787
.0769	-.6586	.7467	.6611	.4507	-.2130	.8126	.5533
.1019	-.5737	.7592	.6414	.5257	-.0843	.8317	.5209
.1518	-.4749	.7140	.6175	.6007	-.0431	.8505	.4875
.2019	-.4117	.7033	.6025	.6755	.1623	.8679	.4533
.2519	-.3965	.7059	.5983	.7173	.2162	.8759	.4400
.3018	-.3816	.7083	.5943	.8507	.3152	.8901	.4120
.4018	-.3646	.7080	.5946	.9010	.3193	.8907	.4107
.4519	-.3615	.7082	.5945	.9508	.2705	.8837	.4249
.5020	-.3608	.7087	.5921	1.0000	.0079	.8560	.4775
.5270	-.3751	.7092	.5928				
.5520	-.3713	.7099	.5917				
.5770	-.3727	.7092	.5929				
.6020	-.3759	.7087	.5936				
.6270	-.3793	.7084	.5942				
.6519	-.3780	.7073	.5959				
.6770	-.3824	.7070	.5951				
.7020	-.3788	.7075	.5956				
.7516	-.3544	.7915	.5891				
.8017	-.3061	.7905	.5775				
.8519	-.2365	.8088	.5602				
.9012	-.1583	.8200	.5412				
.9518	-.0511	.8364	.5120				
1.0000	.0868	.8566	.4763				

PT = 5.3690 TEST 118 RUN 49 POINT 6 GRIT ***OFF***
 CM = .4394 TT = 120.5 M.INF = .4986 RC*E06 = 29.80 ALPHA = 2.25

CD2 CD1 CD3 CD4 CD5
 .00803 .00805(-.00002) .00795(-.00008) .00732(-.00091) .00727(-.00076)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00704 .00720(.00002) .00706(.00002) .00661(-.00023) .00670(-.00033)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8591	.9702	.2086	0.0000	.8544	.9694	.2114
.0075	-1.9279	.9627	.9473	.0100	.7664	.9566	.2520
.0101	-2.0032	.9513	.9656	.0177	.9502	.9251	.3359
.0164	-1.8131	.9806	.9191	.0526	.1161	.8615	.4674
.0200	-1.5778	.6137	.8075	.1023	-.1033	.8296	.5247
.0265	-1.1344	.6787	.7670	.1527	-.1698	.8203	.5407
.0300	-1.3001	.6541	.8049	.2020	-.2266	.8123	.5544
.0364	-1.0493	.6910	.7461	.2770	-.2910	.8023	.5711
.0518	-.8479	.7210	.7019	.3757	-.2028	.8037	.5680
.0769	-.6964	.7427	.6676	.4507	-.2053	.8146	.5904
.1019	-.6028	.7570	.6448	.5257	-.0771	.8332	.5183
.1518	-.4987	.7723	.6202	.6007	.0508	.8523	.4843
.2019	-.4320	.7823	.6040	.6755	.1659	.8692	.4529
.2519	-.4136	.7844	.6007	.7173	.2201	.8760	.4388
.3018	-.3962	.7871	.5962	.8507	.3176	.8910	.4102
.4018	-.3872	.7866	.5971	.9010	.3200	.8913	.4095
.4519	-.3832	.7870	.5964	.9508	.2706	.8838	.4245
.5020	-.3792	.7895	.5922	1.0000	.0370	.8560	.4780
.5270	-.3842	.7890	.5931				
.5520	-.3799	.7879	.5949				
.5770	-.3804	.7890	.5931				
.6020	-.3837	.7882	.5944				
.6270	-.3873	.7875	.5956				
.6519	-.3850	.7877	.5953				
.6770	-.3876	.7876	.5954				
.7020	-.3848	.7884	.5941				
.7516	-.3596	.7916	.5889				
.8017	-.3088	.7990	.5766				
.8519	-.2394	.8086	.5604				
.9012	-.1602	.8204	.5405				
.9518	-.0519	.8363	.5128				
1.0000	.0860	.8569	.4758				

TABLE II.- Continued.

TEST 118 RUN 49 POINT 7 GRIT *****
 PT = 5.5692 TT = 119.7 N,IMP = .5015 RC=006 = 30.22 ALPHA = 2.49
 CM = .4676 CM.25 = -.0937

CD2 CD1 CD3 CD4 CD5
 .00814 .00805(-.00010) .00803(-.00012) .00799(-.00000) .00720(-.00094)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00718 .00718(-.00000) .00717(-.00001) .00693(-.00035) .00668(-.00030)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLDC	X/C	CP	P/PY	MLDC
0.0000	.8229	.9645	.2282	0.0000	.8192	.9641	.2295
.0075	-2.0951	.5265	.9894	.0100	.8003	.9612	.2308
.0101	-2.1766	.5239	1.0099	.0177	.9892	.9700	.2343
.0164	-1.9509	.5563	.9375	.0526	.1529	.8656	.4597
.0200	-1.6807	.5959	.8952	.1023	-.0765	.8319	.5707
.0265	-1.2062	.6661	.7866	.1927	-.1475	.8216	.5305
.0308	-1.3814	.6407	.8236	.2020	-.2063	.8121	.5946
.0364	-1.1109	.6797	.7653	.2770	-.2739	.8024	.5710
.0518	-.8972	.7108	.7175	.3757	-.2700	.8029	.5701
.0769	-.7347	.7347	.6802	.4907	-.1948	.8141	.5513
.1019	-.6350	.7496	.6566	.5257	-.0686	.8230	.5188
.1518	-.5236	.7662	.6382	.6087	.0568	.8319	.4858
.2019	-.4519	.7758	.6147	.6755	-.1714	.8404	.4545
.2519	-.4009	.7792	.6091	.7173	.2250	.8763	.4305
.3018	-.4118	.7820	.6046	.8507	.3211	.8901	.4120
.4018	-.4094	.7824	.6040	.9018	.3238	.8948	.4185
.4519	-.4043	.7835	.6025	.9508	.2736	.8831	.4261
.5020	-.3898	.7856	.5987	1.0000	.0881	.8560	.4776
.5270	-.3938	.7850	.5997				
.5520	-.3875	.7860	.5981				
.6770	-.3891	.7851	.5995				
.6020	-.3927	.7892	.5994				
.6270	-.3937	.7844	.6007				
.6519	-.3919	.7832	.5995				
.6770	-.3948	.7849	.5999				
.7020	-.3897	.7832	.5994				
.7316	-.3660	.7892	.5928				
.8017	-.3130	.7965	.5888				
.8519	-.2414	.8071	.5831				
.9012	-.1601	.8184	.5840				
.9518	-.0526	.8351	.5151				
1.0000	.0864	.8558	.4779				

TEST 118 RUN 49 POINT 8 GRIT *****
 PT = 5.5694 TT = 119.8 N,IMP = .5014 RC=006 = 30.20 ALPHA = 3.03
 CM = .5242 CM.25 = -.0935

CD2 CD1 CD3 CD4 CD5
 .00829 .00834(-.00005) .00837(-.00007) .00788(-.00042) .00791(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00738 .00749(-.00011) .00750(-.00013) .00719(-.00019) .00694(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLDC	X/C	CP	P/PY	MLDC
0.0000	.7408	.9521	.2660	0.0000	.7402	.9520	.2664
.0075	-2.4476	.4806	1.0821	.0100	.8024	.9700	.2094
.0101	-2.6341	.4553	1.1258	.0177	.6583	.9399	.2995
.0164	-2.1937	.5184	1.0189	.0526	.2227	.8754	.4411
.0200	-1.8876	.5636	.9461	.1023	-.0187	.8396	.5071
.0265	-1.3503	.6420	.8237	.1927	-.0989	.8281	.5273
.0308	-1.5495	.6150	.8654	.2020	-.1638	.8185	.5478
.0364	-1.2401	.6593	.7970	.2770	-.2381	.8074	.5227
.0518	-.9965	.6949	.7421	.3757	-.2426	.8073	.5629
.0769	-.7148	.7218	.7003	.4907	-.1730	.8172	.5460
.1019	-.7018	.7385	.6742	.5257	-.0917	.8354	.5146
.1518	-.5754	.7577	.6438	.6087	.8693	.8925	.4839
.2019	-.4940	.7697	.6243	.6755	.1911	.8655	.4523
.2519	-.4671	.7735	.6184	.7173	.2330	.8769	.4382
.3018	-.4437	.7776	.6118	.8507	.3234	.8911	.4099
.4018	-.4344	.7786	.6102	.9018	.3279	.8918	.4086
.4519	-.4233	.7802	.6075	.9508	.2768	.8840	.4241
.5020	-.4097	.7816	.6054	1.0000	.0874	.8594	.4787
.5270	-.4125	.7819	.6048				
.5520	-.4065	.7822	.6043				
.5770	-.4059	.7834	.6024				
.6020	-.4070	.7837	.6018				
.6270	-.4076	.7832	.6018				
.6519	-.4054	.7825	.6026				
.6770	-.4063	.7827	.6039				
.7020	-.4012	.7835	.6036				
.7316	-.3735	.7879	.6022				
.8017	-.3204	.7954	.5949				
.8519	-.2468	.8061	.5827				
.9012	-.1629	.8185	.5648				
.9518	-.0526	.8355	.5439				
1.0000	.0865	.8555	.5144				

TABLE II.- Continued.

PT = 9.5499 TT = 120.0 RUN = 49 POINT 9 BRIT ****0FF***
 CM = .9774 CH.2 = -.0941 M,INF = .4991 RC*E06 = 30.02 ALPHA = 1.91

CD2 CD1 CD3 CD4 CD5
 .00884 .00881(-.00063) .00889(.00001) .00898(-.00024) .00811(-.00073)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00766 .00798(.00012) .08804(.00018) .00793(.00007) .00759(-.00031)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.6981	.9403	.2983	0.0000	.6929	.9197	.2999
.0079	-2.8256	.4297	1.1713	.0100	.9137	.9781	.1784
.0101	-3.0040	.4030	1.2193	.0177	.7202	.9499	.2724
.0164	-2.9645	.4070	1.2110	.0526	.2860	.8865	.4193
.0200	-2.7456	.5314	.9977	.1023	.0340	.8500	.4885
.0265	-1.4633	.6308	.8410	.1927	-.0539	.8372	.5114
.0308	-1.6065	.5969	.8936	.2020	-.7247	.8267	.3297
.0364	-1.3448	.6483	.8139	.2770	-.2049	.8151	.5495
.0518	-1.0849	.6864	.7552	.3757	-.2161	.8131	.5930
.0769	-.8845	.7159	.7101	.4907	-.1522	.8222	.5374
.1019	-.7626	.7339	.6811	.9257	-.0374	.8294	.5074
.1518	-.6271	.7544	.6490	.6007	.0806	.8373	.4792
.2019	-.5346	.7669	.6290	.6759	.1890	.8470	.4478
.2519	-.5014	.7719	.6209	.7173	.2395	.8795	.4331
.3018	-.4724	.7756	.6149	.8507	.3300	.8926	.4069
.4018	-.4463	.7778	.6115	.9010	.3805	.8923	.4076
.4519	-.4470	.7797	.6084	.9388	.2739	.8843	.4236
.5020	-.4278	.7834	.6023	1.0000	.0839	.8364	.4789
.5279	-.4285	.7816	.6059				
.5520	-.4215	.7828	.6073				
.5770	-.4187	.7830	.6030				
.6020	-.4204	.7820	.6046				
.6270	-.4206	.7820	.6046				
.6519	-.4151	.7829	.6032				
.6770	-.4143	.7824	.6039				
.7020	-.4096	.7830	.6030				
.7516	-.3791	.7874	.5959				
.8017	-.3227	.7965	.5807				
.8519	-.2479	.8070	.5633				
.9012	-.1631	.8191	.5428				
.9518	-.0506	.8363	.5129				
1.0000	.0847	.8559	.4777				

PT = 9.9294 TT = 119.9 RUN = 49 POINT 10 BRIT ****0FF***
 CM = .6290 CH.29 = -.0920 M,INF = .4966 RC*E06 = 20.02 ALPHA = 4.01

CD2 CD1 CD3 CD4 CD5
 .01004 .00992(-.00012) .01014(.00010) .01006(.00002) .00945(-.00059)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00900 .00917(.00017) .00920(.00029) .00939(.00040) .00889(-.00011)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.5726	.9281	.3289	0.0000	.5673	.9179	.3302
.0079	-3.1459	.3850	1.2553	.0100	.9358	.9843	.1507
.0101	-3.2533	.3715	1.2820	.0177	.7720	.9574	.2504
.0164	-3.4041	.3455	1.3351	.0526	.3427	.8949	.4021
.0200	-2.9577	.4745	1.0924	.1023	.0835	.8571	.4754
.0265	-1.6369	.6063	.8790	.1927	-.0125	.8431	.5008
.0308	-1.9701	.5972	.9562	.2020	-.0875	.8330	.5187
.0364	-1.4318	.6379	.8300	.2770	-.1726	.8209	.5396
.0518	-1.1561	.6757	.7718	.3757	-.1928	.8176	.5449
.0769	-.9492	.7066	.7239	.4907	-.1329	.8268	.5295
.1019	-.8179	.7297	.6942	.9257	-.0234	.8420	.5028
.1518	-.6671	.7477	.6597	.6007	.0907	.8604	.4693
.2019	-.5720	.7626	.6358	.6759	.1961	.8748	.4422
.2519	-.5320	.7687	.6261	.7173	.2451	.8816	.4289
.3018	-.5017	.7730	.6192	.8507	.3319	.8940	.4041
.4018	-.4772	.7769	.6128	.9010	.3819	.8941	.4039
.4519	-.4645	.7779	.6113	.9508	.2761	.8850	.4206
.5020	-.4436	.7827	.6019	1.0000	.0806	.8366	.4761
.5270	-.4423	.7824	.6037				
.5520	-.4391	.7832	.6026				
.5770	-.4313	.7833	.6025				
.6020	-.4311	.7836	.6020				
.6270	-.4297	.7834	.6023				
.6519	-.4239	.7833	.6025				
.6770	-.4219	.7826	.6037				
.7020	-.4137	.7857	.6019				
.7516	-.3810	.7887	.6019				
.8017	-.3216	.7967	.5936				
.8519	-.2448	.8083	.5804				
.9012	-.1592	.8217	.5612				
.9518	-.0462	.8374	.5304				
1.0000	.0789	.8559	.5110				

CHARACTERISTICS
OF POOR QUALITY

TABLE II.- Continued.

PT = 5.5700 TEST 118 RUN 49 POINT 11 CRIT ***OFF***
CM = .7167 TT = 120.0 M,IMP = .5003 RC*E06 = 30.03 ALPHA = 5.00

CDZ CD1 CD3 CD4 CD5
.01702 .16961(-.00006) .01703(.00001) .01680(-.00022) .01995(-.00107)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01608 .01610(-.00003) .01614(-.00006) .01608(-.00000) .01541(-.00067)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.4173	.9048	.3815	0.0000	.4140	.9042	.3827
.0075	-3.4909	.3290	1.3706	.0100	1.0119	.9922	.1037
.0101	-3.4847	.3264	1.3764	.0177	.8948	.9691	.2125
.0164	-2.8049	.4305	1.1699	.0526	.4375	.9077	.3732
.0200	-2.6953	.4435	1.1465	.1023	.1696	.8683	.4546
.0265	-2.2974	.4887	1.0684	.1527	.0409	.8519	.4849
.0308	-2.5460	.4654	1.1082	.2020	-.0239	.8396	.5071
.0364	-2.2137	.5108	1.0248	.2770	-.1200	.8253	.5322
.0518	-1.6722	.5968	.8938	.3757	-.1918	.8217	.5583
.0769	-1.1474	.6743	.7739	.4507	-.1023	.8286	.5264
.1019	-.9453	.7042	.7277	.5257	-.0000	.8428	.5015
.1518	-.7604	.7809	.6861	.6007	.2073	.8385	.4729
.2019	-.6514	.7471	.6606	.6755	.2074	.8733	.4491
.2519	-.5998	.7545	.6489	.7173	.2346	.8802	.4317
.3018	-.5568	.7625	.6365	.8507	.3354	.8929	.4664
.4018	-.5171	.7676	.6279	.9010	.3325	.8930	.4062
.4919	-.4962	.7695	.6249	.9508	.2729	.8839	.4244
.5020	-.4110	.7730	.6191	1.0000	.0661	.8519	.4851
.5270	-.4683	.7723	.6187				
.5520	-.4570	.7749	.6161				
.5770	-.4516	.7772	.6125				
.6020	-.4469	.7788	.6097				
.6270	-.4414	.7791	.6093				
.6519	-.4320	.7793	.6090				
.6770	-.4268	.7800	.6078				
.7020	-.4151	.7826	.6037				
.7316	-.3768	.7879	.5950				
.8017	-.3130	.7976	.5790				
.8519	-.2351	.8089	.5600				
.9012	-.1488	.8216	.5364				
.9518	-.0448	.8375	.5108				
1.0000	.0590	.8517	.4854				

PT = 5.5695 TEST 118 RUN 49 POINT 12 CRIT ***OFF***
CM = .7964 TT = 119.5 M,IMP = .4983 RC*E06 = 30.16 ALPHA = 6.01

CDZ CD1 CD3 CD4 CD5
.02990 .03002(.00012) .02980(-.00010) .02843(-.00147) .02829(-.00162)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.02880 .02904(-.00023) .02879(-.00001) .02759(-.00121) .02763(-.00120)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.2600	.8831	.4280	0.0000	.2659	.8838	.4246
.0075	-3.5629	.3259	1.3775	.0100	1.0467	.9975	.0595
.0101	-3.0202	.4056	1.2160	.0177	.9161	.9784	.1772
.0164	-2.5896	.4666	1.1061	.0526	.5163	.9198	.3463
.0200	-2.5635	.4681	1.1034	.1023	.2426	.8797	.4326
.0265	-2.4214	.4909	1.0647	.1527	.1244	.8626	.4653
.0308	-2.4592	.4872	1.0708	.2020	.0327	.8490	.4903
.0364	-2.3222	.5035	1.0485	.2770	-.0713	.8349	.5171
.0518	-2.1059	.5359	.9905	.3757	-.1159	.8269	.5295
.0769	-1.6951	.5958	.8953	.4507	-.0755	.8329	.5189
.1019	-1.3337	.6489	.8131	.5257	.0180	.8468	.4943
.1518	-.9104	.7113	.7167	.6007	.1189	.8615	.4875
.2019	-.7004	.7364	.6775	.6755	.2147	.8753	.4412
.2519	-.6550	.7485	.6585	.7173	.2601	.8826	.4271
.3018	-.5981	.7561	.6464	.8507	.3342	.8956	.4048
.4018	-.5411	.7646	.6378	.9010	.3285	.8928	.4064
.4919	-.5165	.7683	.6265	.9508	.2630	.8834	.4293
.5020	-.4855	.7729	.6195	1.0000	.0306	.8495	.4894
.5270	-.4794	.7739	.6185				
.5520	-.4657	.7765	.6136				
.5770	-.4572	.7782	.6108				
.6020	-.4480	.7796	.6085				
.6270	-.4396	.7811	.6061				
.6519	-.4274	.7828	.6033				
.6770	-.4168	.7834	.6023				
.7020	-.4029	.7859	.5982				
.7316	-.3590	.7919	.5884				
.8017	-.2973	.8012	.5729				
.8519	-.2208	.8122	.5545				
.9012	-.1434	.8236	.5350				
.9518	-.0537	.8375	.5109				
1.0000	.0293	.8487	.4908				

ORIGINAL TESTED
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 50 POINT 1 GRIT ***OFF***
 PT = 4.8493 TT = 120.1 M,INF = .5976 RC*E06 = 30.00 ALPHA = .00
 CM = .1802 CM.25 = -.0989

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLCC	X/C	CP	P/P/T	MLCC
0.0000	1.0961	1.0007	0.0000	0.0000	1.0962	1.0004	0.0000
.0075	-.6304	.6631	.7908	.0100	.3612	.8573	.1750
.0101	-.7778	.6361	.8326	.0177	.1312	.8129	.5532
.0164	-.8350	.6225	.8535	.0326	-.2669	.7361	.6777
.0200	-.7639	.6390	.8280	.1023	-.4336	.7015	.7317
.0265	-.5544	.6786	.7670	.1527	-.4511	.6969	.7388
.0308	-.6357	.6628	.7913	.2020	-.4786	.6923	.7459
.0364	-.5204	.6963	.7531	.2770	-.5137	.6844	.7581
.0518	-.4299	.7036	.7284	.3757	-.4549	.6987	.7359
.0769	-.3709	.7159	.7092	.4507	-.3335	.7218	.7002
.1019	-.3292	.7219	.7000	.5257	-.1634	.7543	.6490
.1518	-.2910	.7283	.6900	.6007	-.0062	.7833	.5990
.2019	-.2612	.7349	.6797	.6755	.1303	.8124	.5541
.2519	-.2680	.7327	.6831	.7173	.1921	.8230	.5345
.3018	-.2694	.7349	.6797	.8507	.3067	.8467	.4943
.4018	-.3001	.7283	.6900	.9010	.3155	.8485	.4915
.4519	-.3089	.7258	.6938	.9508	.2705	.8387	.5068
.5020	-.3073	.7265	.6928	1.0000	.0993	.8050	.5664
.5270	-.3164	.7252	.6948				
.5520	-.3176	.7241	.6985				
.5770	-.3236	.7237	.6972				
.6020	-.3322	.7218	.7002				
.6270	-.3402	.7205	.7021				
.6519	-.3437	.7181	.7059				
.6770	-.3523	.7160	.7092				
.7020	-.3533	.7167	.7081				
.7316	-.3370	.7196	.7032				
.8017	-.2009	.7292	.6883				
.8519	-.2242	.7418	.6687				
.9012	-.1463	.7570	.6447				
.9518	-.0406	.7774	.6118				
1.0000	.0980	.8043	.5674				

TEST 118 RUN 50 POINT 2 GRIT ***OFF***
 PT = 4.8448 TT = 119.6 M,INF = .5986 RC*E06 = 30.23 ALPHA = 1.00
 CM = .3092 CM.25 = -.1002

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLCC	X/C	CP	P/P/T	MLCC
0.0000	1.0478	.9913	.1120	0.0000	1.0459	.9908	.1149
.0075	-1.1317	.9641	.9449	.0100	.5764	.8993	.3929
.0101	-1.3058	.9289	1.0014	.0177	.3457	.8530	.4829
.0164	-1.3502	.9224	1.0119	.0326	-.0805	.7689	.6257
.0200	-1.1750	.9528	.9628	.1023	-.2834	.7296	.6880
.0265	-.8398	.6230	.8528	.1527	-.3276	.7204	.7024
.0308	-.9659	.5956	.8953	.2020	-.3722	.7112	.7167
.0364	-.7773	.6312	.8400	.2770	-.4248	.7007	.7329
.0518	-.6342	.6603	.7953	.3757	-.3905	.7078	.7219
.0769	-.5355	.6793	.7659	.4507	-.2834	.7286	.6896
.1019	-.4665	.6936	.7439	.5257	-.1266	.7612	.6381
.1518	-.3982	.7065	.7240	.6007	.0227	.7899	.5916
.2019	-.3507	.7155	.7100	.6755	.1326	.8154	.5490
.2519	-.3458	.7163	.7088	.7173	.2123	.8267	.5297
.3018	-.3395	.7179	.7063	.8507	.3209	.8483	.4915
.4018	-.3569	.7141	.7122	.9010	.3273	.8496	.4892
.4519	-.3614	.7132	.7105	.9508	.2797	.8401	.5062
.5020	-.3532	.7161	.7091	1.0000	.0997	.8055	.5637
.5270	-.3606	.7146	.7114				
.5520	-.3583	.7143	.7118				
.5770	-.3630	.7139	.7124				
.6020	-.3686	.7128	.7141				
.6270	-.3750	.7113	.7165				
.6519	-.3769	.7122	.7112				
.6770	-.3815	.7123	.7150				
.7020	-.3790	.7127	.7143				
.7316	-.3594	.7170	.7076				
.8017	-.3070	.7266	.6927				
.8519	-.2359	.7400	.6717				
.9012	-.1929	.7564	.6456				
.9518	-.0430	.7778	.6113				
1.0000	.0986	.8060	.5648				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 50 POINT 3 GRIT ***OFF***
PT = 4.8451 TT = 119.7 M,INF = .6002 RC*E06 = 30.25 ALPHA = 1.50
CN = .3677 CM.25 = -.1003

CG2 CD1 CD3 CD4 CD5
.00769 .00774(-.00005) .00760(-.00009) .00727(-.00043) .00792(-.00067)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00705 .00714(-.00009) .00701(-.00003) .00679(-.00025) .00662(-.00043)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.0098	.9837	.1536	0.0000	1.0067	.9833	.1554
.0075	-1.3391	.5209	1.0144	.0100	.6598	.9149	.3594
.0101	-1.3684	.4776	1.0868	.0177	.4299	.8694	.4525
.0164	-1.8350	.4254	1.1787	.0526	-.0040	.7937	.6016
.0200	-1.4607	.4979	1.0524	.1023	-.2172	.7416	.6691
.0265	-.9625	.5960	.8947	.1527	-.2726	.7308	.6661
.0308	-1.1072	.5681	.9385	.2020	-.3252	.7200	.7029
.0364	-.8899	.6101	.8727	.2770	-.3851	.7097	.7190
.0518	-.7264	.6416	.8240	.3757	-.3597	.7141	.7121
.0769	-.6102	.6643	.7891	.4307	-.2613	.7329	.6827
.1019	-.5263	.6803	.7644	.5257	-.1095	.7627	.6356
.1518	-.4468	.6964	.7395	.6007	.0354	.7915	.5869
.2019	-.3906	.7071	.7230	.6755	.1627	.8163	.5474
.2519	-.3814	.7104	.7179	.7175	.2204	.8280	.5273
.3018	-.3698	.7122	.7151	.8507	.3260	.8491	.4900
.4018	-.3826	.7090	.7200	.9010	.3320	.8509	.4868
.4519	-.3833	.7087	.7205	.9308	.2826	.8406	.5053
.5020	-.3731	.7110	.7169	1.0000	.0997	.8046	.5672
.5270	-.3801	.7092	.7197				
.5520	-.3783	.7101	.7184				
.5770	-.3802	.7102	.7182				
.6020	-.3848	.7103	.7180				
.6270	-.3902	.7082	.7213				
.6519	-.3902	.7082	.7213				
.6770	-.3960	.7071	.7230				
.7020	-.3923	.7070	.7232				
.7516	-.3684	.7118	.7157				
.8017	-.3152	.7222	.6996				
.8519	-.2418	.7375	.6756				
.9012	-.1558	.7539	.6497				
.9518	-.0427	.7761	.6141				
1.0000	.0989	.8043	.5674				

TEST 118 RUN 50 POINT 4 GRIT ***OFF***
PT = 4.8446 TT = 119.7 M,INF = .5984 RC*E06 = 30.19 ALPHA = 1.76
CN = .4011 CM.25 = -.0998

CG2 CD1 CD3 CD4 CD5
.00772 .00781(-.00010) .00770(-.00002) .00738(-.00034) .00715(-.00057)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00714 .00730(-.00016) .00719(-.00005) .00696(-.00017) .00680(-.00034)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	.9866	.9792	.1738	0.0000	.9821	.9784	.1772
.0075	-1.4716	.4982	1.0520	.0100	.7027	.9236	.3394
.0101	-1.7149	.4506	1.1336	.0177	.4763	.8791	.4338
.0164	-2.0151	.3905	1.2442	.0526	.0397	.7929	.5865
.0200	-1.9232	.4104	1.2066	.1023	-.1813	.7503	.6554
.0265	-1.0197	.5861	.9103	.1527	-.2429	.7381	.6746
.0308	-1.1803	.5552	.9590	.2020	-.2984	.7273	.6915
.0364	-.9448	.6017	.8859	.2770	-.3618	.7144	.7177
.0518	-.7762	.6334	.8367	.3757	-.3437	.7168	.7060
.0769	-.6507	.6572	.8000	.4307	-.2466	.7358	.6782
.1019	-.5638	.6793	.7721	.5257	-.1000	.7658	.6307
.1518	-.4756	.6925	.7456	.6007	.0418	.7939	.5850
.2019	-.4146	.7045	.7270	.6755	.1678	.8183	.5441
.2519	-.4012	.7066	.7237	.7175	.2250	.8296	.5246
.3018	-.3888	.7079	.7218	.8507	.3293	.8501	.4882
.4018	-.3976	.7065	.7240	.9010	.3340	.8509	.4868
.4519	-.3961	.7076	.7222	.9308	.2835	.8415	.5036
.5020	-.3858	.7100	.7185	1.0000	.0990	.8056	.5656
.5270	-.3904	.7086	.7207				
.5520	-.3868	.7094	.7195				
.5770	-.3905	.7088	.7204				
.6020	-.3933	.7079	.7217				
.6270	-.3985	.7079	.7217				
.6519	-.3974	.7084	.7210				
.6770	-.4020	.7072	.7229				
.7020	-.3981	.7089	.7203				
.7516	-.3736	.7127	.7143				
.8017	-.3177	.7236	.6970				
.8519	-.2427	.7307	.6736				
.9012	-.1562	.7554	.6473				
.9518	-.0416	.7769	.6127				
1.0000	.0979	.8051	.5663				

TABLE II.- Continued.

TEST 110 RUN 50 POINT 5 GRIT ***OFF***
 PT = 4.8450 TT = 119.8 H, INF = .5966 RC*E06 = 30.07 ALPHA = 2.01
 CN = .4277 CH.25 = -.0992

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9615	.9745	.1926	0.0000	.9595	.9740	.1946
.0075	-1.5851	.4763	1.0890	.0100	.7370	.9305	.3230
.0101	-1.8059	.4318	1.1672	.0177	.5123	.8861	.4199
.0164	-2.1461	.3685	1.2874	.0526	.0745	.8007	.5737
.0200	-2.1953	.3547	1.3157	.1023	-.1917	.7562	.6460
.0265	-1.1175	.5678	.9390	.1527	-.2175	.7437	.6659
.0308	-1.3914	.5130	1.0273	.2020	-.2765	.7314	.6851
.0364	-.9763	.5939	.8980	.2770	-.3439	.7179	.7063
.0518	-.8085	.6271	.8465	.3757	-.3293	.7215	.7005
.0769	-.6842	.6521	.8078	.4507	-.2369	.7402	.6713
.1019	-.5932	.6697	.7807	.5257	-.0917	.7692	.6253
.1518	-.4982	.6887	.7514	.6007	.8478	.7957	.5819
.2019	-.4338	.7006	.7331	.6755	.1716	.8204	.5404
.2519	-.4188	.7032	.7291	.7177	.2201	.8315	.5212
.3018	-.4038	.7070	.7232	.8507	.3313	.8514	.4859
.4018	-.4084	.7066	.7237	.9010	.3351	.8521	.4845
.4519	-.4053	.7080	.7216	.9508	.2835	.8424	.5020
.5020	-.3938	.7094	.7195	1.0000	.0973	.8061	.5646
.5270	-.3993	.7091	.7199				
.5520	-.3944	.7101	.7183				
.5770	-.3966	.7092	.7197				
.6020	-.4008	.7084	.7210				
.6270	-.4048	.7082	.7212				
.6519	-.4027	.7087	.7205				
.6770	-.4063	.7070	.7232				
.7020	-.4014	.7084	.7211				
.7516	-.3763	.7130	.7158				
.8017	-.3193	.7239	.6968				
.8519	-.2428	.7395	.6724				
.9012	-.1552	.7569	.6448				
.9518	-.0406	.7790	.6094				
1.0000	.0966	.8053	.5660				

TEST 110 RUN 51 POINT 6 GRIT ***OFF***
 PT = 4.8434 TT = 119.5 H, INF = .6012 RC*E06 = 30.35 ALPHA = 2.24
 CN = .4442 CH.25 = -.0981

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9523	.9720	.2020	0.0000	.9458	.9708	.2066
.0075	-1.6411	.4594	1.1182	.0100	.7612	.9344	.3133
.0101	-1.8518	.4171	1.1940	.0177	.5397	.8907	.4108
.0164	-2.1627	.3560	1.3130	.0526	.1006	.8041	.5680
.0200	-2.2317	.3427	1.3408	.1023	-.1291	.7587	.6420
.0265	-1.3361	.5206	1.0150	.1527	-.2000	.7448	.6641
.0308	-1.6043	.4661	1.1065	.2020	-.2607	.7329	.6828
.0364	-1.0844	.5694	.9364	.2770	-.3320	.7185	.7053
.0518	-.8174	.6228	.8531	.3757	-.3192	.7219	.7000
.0769	-.6989	.6464	.8166	.4507	-.2297	.7388	.6736
.1019	-.6065	.6645	.7887	.5257	-.0868	.7676	.6278
.1518	-.5098	.6836	.7593	.6007	.0510	.7944	.5842
.2019	-.4424	.6971	.7385	.6755	.1746	.8180	.5445
.2519	-.4263	.6999	.7342	.7173	.2312	.8293	.5251
.3018	-.4104	.7039	.7280	.8507	.3317	.8496	.4892
.4018	-.4140	.7024	.7303	.9010	.3356	.8502	.4860
.4519	-.4115	.7036	.7284	.9508	.2836	.8393	.5075
.5020	-.4000	.7054	.7256	1.0000	.0957	.8019	.5717
.5270	-.4033	.7036	.7285				
.5520	-.3982	.7048	.7266				
.5770	-.4013	.7049	.7265				
.6020	-.4043	.7041	.7277				
.6270	-.4080	.7022	.7306				
.6519	-.4061	.7023	.7304				
.6770	-.4091	.7015	.7318				
.7020	-.4041	.7030	.7294				
.7516	-.3767	.7089	.7262				
.8017	-.3179	.7196	.7036				
.8519	-.2405	.7353	.6790				
.9012	-.1516	.7533	.6507				
.9513	-.0367	.7759	.6143				
1.0000	.0957	.8017	.5721				

TABLE II.- Continued.

TEST 118 RUN 51 POINT 7 GRIT ***OFF***
 PT = 4.8445 TT = 119.8 M,INF = .6000 RC*E06 = 30.21 ALPHA = 2.54
 CN = .4728 CM.25 = -.0971

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9282	.9674	.2186	0.0000	.9200	.9657	.2240
.0075	-1.7410	.4406	1.1514	.0100	.7985	.9412	.2960
.0101	-1.9914	.3981	1.2296	.0177	.5758	.8981	.3955
.0164	-2.2537	.3392	1.3481	.0526	.1359	.8110	.5564
.0200	-2.3423	.3234	1.3823	.1023	-.0992	.7651	.6318
.0265	-1.5316	.4845	1.0749	.1527	-.1745	.7504	.6552
.0308	-1.0515	.4178	1.1926	.2020	-.2387	.7380	.6747
.0364	-1.3010	.5285	1.0020	.2770	-.3120	.7231	.6982
.0518	-.8474	.6179	.8607	.3757	-.3036	.7258	.6939
.0769	-.7260	.6409	.8251	.4507	-.2179	.7424	.6679
.1019	-.6362	.6592	.7967	.5257	-.0788	.7697	.6244
.1518	-.5336	.6797	.7653	.6007	.0578	.7964	.5800
.2019	-.4628	.6940	.7433	.6755	.1792	.8202	.5408
.2519	-.4435	.6971	.7384	.7173	.2341	.8319	.5213
.3018	-.4255	.7019	.7311	.8507	.3388	.8504	.4877
.4018	-.4259	.7015	.7317	.9010	.3367	.8512	.4862
.4519	-.4223	.7021	.7307	.9508	.2836	.8402	.5058
.5020	-.4078	.7048	.7265	1.0000	.0933	.8030	.5698
.5270	-.4122	.7039	.7277				
.5520	-.4065	.7057	.7291				
.5770	-.4085	.7041	.7276				
.6020	-.4105	.7042	.7275				
.6270	-.4134	.7027	.7297				
.6519	-.4108	.7037	.7283				
.6770	-.4140	.7040	.7278				
.7020	-.4073	.7054	.7257				
.7516	-.3776	.7113	.7165				
.8017	-.3188	.7229	.6983				
.8519	-.2400	.7380	.6748				
.9012	-.1505	.7553	.6474				
.9518	-.0356	.7773	.6121				
1.0000	.0930	.8036	.5689				

TEST 118 RUN 51 POINT 8 GRIT ***OFF***
 PT = 4.8436 TT = 119.6 M,INF = .5987 RC*E06 = 30.23 ALPHA = 2.98
 CN = .5245 CM.25 = -.0950

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.8794	.9580	.2488	0.0000	.8718	.9564	.2537
.0075	-1.9033	.4096	1.2080	.0100	.8440	.9508	.2698
.0101	-2.0893	.3714	1.2817	.0177	.6371	.9102	.3696
.0164	-2.3936	.3141	1.4031	.0526	.1951	.8245	.5334
.0200	-2.4789	.2953	1.4466	.1023	-.0473	.7771	.6123
.0265	-1.8048	.4286	1.1730	.1527	-.1304	.7609	.6385
.0308	-2.2811	.3335	1.3603	.2020	-.1986	.7477	.6595
.0364	-1.6646	.4560	1.1241	.2770	-.2792	.7313	.6853
.0518	-1.0950	.5693	.9366	.3757	-.2782	.7309	.6859
.0769	-.7678	.6361	.8325	.4507	-.1990	.7467	.6610
.1019	-.6828	.6527	.8069	.5257	-.0639	.7725	.6199
.1518	-.5755	.6739	.7743	.6007	.0683	.7988	.5768
.2019	-.4989	.6940	.7511	.6755	.1869	.8225	.5368
.2519	-.4758	.6928	.7451	.7173	.2411	.8329	.5189
.3018	-.4529	.6967	.7392	.8507	.3374	.8517	.4853
.4018	-.4473	.6980	.7374	.9010	.3399	.8520	.4847
.4519	-.4399	.6985	.7363	.9508	.2848	.8416	.5034
.5020	-.4232	.7023	.7304	1.0000	.0884	.8035	.5691
.5270	-.4234	.7025	.7302				
.5520	-.4194	.7032	.7290				
.5770	-.4192	.7032	.7290				
.6020	-.4216	.7024	.7303				
.6270	-.4229	.7029	.7295				
.6519	-.4188	.7042	.7275				
.6770	-.4185	.7028	.7296				
.7020	-.4120	.7043	.7273				
.7516	-.3799	.7112	.7167				
.8017	-.3180	.7233	.6978				
.8519	-.2381	.7387	.6737				
.9012	-.1477	.7559	.6465				
.9518	-.0347	.7785	.6101				
1.0000	.5891	.8026	.5705				

TABLE II.- Continued.

TEST 118 RUN 51 POINT 9 GRIT ***OFF***
 PT = 4.8443 TT = 119.9 M,INF = .5963 RC*E06 = 30.01 ALPHA = 3.53
 CN = .5832 CH.25 = -.0924
 CD2 CD1 CD3 CD4 CD5
 .01323 .01296(-.00027) .01335(.00012) .01300(-.00023) .01272(-.00051)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01271 .01250(-.00020) .01286(.00016) .01262(-.00008) .01244(-.00026)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.8178	.9468	.2811	0.0000	.8111	.9453	.2850
.0075	-2.1096	.3785	1.2717	.0100	.8960	.9619	.2367
.0101	-2.2493	.3483	1.3289	.0177	.7007	.9237	.3391
.0164	-2.5602	.2901	1.4591	.0526	.2617	.8382	.5094
.0200	-2.6410	.2721	1.5035	.1023	.0099	.7893	.5926
.0265	-1.9726	.4032	1.2200	.1527	-.0819	.7712	.6220
.0308	-2.3631	.3261	1.3764	.2020	-.1552	.7579	.6432
.0364	-1.8810	.4203	1.1881	.2770	-.2412	.7402	.6713
.0518	-1.5005	.4967	1.0577	.3757	-.2494	.7389	.6733
.0769	-.9132	.6093	.8739	.4507	-.1761	.7534	.6904
.1019	-.7431	.6426	.8224	.5257	-.0480	.7778	.6112
.1518	-.6213	.6660	.7864	.6007	.0794	.8027	.5703
.2019	-.5414	.6830	.7603	.6755	.1945	.8252	.5322
.2519	-.5109	.6876	.7531	.7173	.3407	.8357	.5139
.3018	-.4850	.6930	.7448	.8507	.2476	.8534	.4822
.4018	-.4703	.6962	.7359	.9010	.3425	.8535	.4820
.4519	-.4600	.6975	.7378	.9508	.2850	.8427	.5014
.5020	-.4411	.7013	.7319	1.0000	.0809	.8031	.5697
.5270	-.4426	.7011	.7324				
.5520	-.4342	.7030	.7294				
.5770	-.4328	.7025	.7302				
.6020	-.4329	.7024	.7303				
.6270	-.4317	.7031	.7292				
.6519	-.4286	.7043	.7273				
.6770	-.4255	.7036	.7284				
.7020	-.4131	.7054	.7257				
.7316	-.3813	.7125	.7147				
.8017	-.3172	.7246	.6997				
.8519	-.2359	.7400	.6716				
.9012	-.1450	.7583	.6426				
.9518	-.0353	.7796	.6083				
1.0000	.0814	.8026	.5705				

TEST 118 RUN 51 POINT 10 GRIT ***OFF***
 PT = 4.8435 TT = 120.3 M,INF = .5980 RC*E06 = 29.94 ALPHA = 3.99
 CN = .6323 CH.25 = -.0890
 CD2 CD1 CD3 CD4 CD5
 .01722 .01669(-.00054)01630(-.00092) .01596(-.00127)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01655 .01608(-.00048)01583(-.00072) .01553(-.00100)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	.7729	.9376	.3094	0.0000	.7667	.9359	.3095
.0075	-2.1847	.3362	1.3124	.0100	.9324	.9685	.2145
.0101	-2.3277	.3300	1.3670	.0177	.7452	.9319	.3193
.0164	-2.6553	.2673	1.5137	.0526	.3119	.8470	.4937
.0200	-2.6906	.2582	1.5396	.1023	.0536	.7963	.5809
.0265	-2.0425	.3849	1.2550	.1527	-.0446	.7772	.6122
.0308	-2.1433	.3662	1.2922	.2020	-.1222	.7608	.6386
.0364	-1.9698	.3995	1.2269	.2770	-.2133	.7438	.6657
.0518	-1.7483	.4433	1.1465	.3757	-.2883	.7404	.6709
.0769	-1.2580	.5394	.9843	.4507	-.1606	.7529	.6413
.1019	-.9115	.6071	.8773	.5257	-.0365	.7784	.6103
.1518	-.6679	.6531	.8032	.6007	.0879	.8029	.5699
.2019	-.5754	.6715	.7777	.6755	.2009	.8249	.5327
.2519	-.5403	.6796	.7654	.7173	.2525	.8352	.5147
.3018	-.5100	.6851	.7570	.8507	.3431	.8531	.4827
.4018	-.4889	.6881	.7523	.9010	.3426	.8529	.4830
.4519	-.4761	.6921	.7462	.9508	.2827	.8412	.5041
.5020	-.4545	.6965	.7399	1.0000	.0711	.7996	.5755
.5270	-.4547	.6962	.7399				
.5520	-.4446	.6985	.7362				
.5770	-.4406	.6995	.7348				
.6020	-.4389	.6997	.7344				
.6270	-.4368	.7002	.7337				
.6519	-.4292	.7015	.7317				
.6770	-.4265	.7020	.7308				
.7020	-.4146	.7039	.7279				
.7316	-.3771	.7106	.7176				
.8017	-.3122	.7242	.6964				
.8519	-.2308	.7405	.6708				
.9012	-.1404	.7577	.6436				
.9518	-.0354	.7781	.6098				
1.0000	.0712	.7996	.5754				

TABLE II.- Continued.

TEST 118 RUN 51 POINT 11 GRIT ***OFF***
 PT = 4.8449 TT = 120.6 M,INF = .5999 RC*E06 = 29.92 ALPHA = 5.00
 CN = .7254 CM.25 = -.0816
 CDZ CD1 CD3 CD4 CD5
 .02878 .02843(-.00035) .02832(-.00046) .02718(-.00160) .02693(-.00185)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02809 .02783(-.00025) .02765(-.00043) .02663(-.00145) .02647(-.00162)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.6814	.9188	.3505	0.0000	.6735	.9170	.3546
.0075	-2.3457	.3204	1.3890	.0100	.9937	.9801	.1698
.0101	-2.4639	.2975	1.4414	.0177	.8241	.9466	.2814
.0164	-2.2601	.3390	1.3485	.0526	.4040	.8635	.4685
.0200	-2.0748	.3755	1.2734	.1023	.1370	.8110	.5927
.0265	-2.0235	.3825	1.2597	.1527	.0288	.7892	.6201
.0308	-2.0590	.3775	1.2696	.2020	-.0573	.7723	.6535
.0364	-2.0128	.3877	1.2495	.2770	-.1586	.7514	.6611
.0518	-1.8822	.4113	1.2047	.3757	-.1868	.7466	.6410
.0769	-1.6350	.4600	1.1171	.4507	-.1307	.7593	.6050
.1019	-1.4006	.5072	1.0369	.5257	-.0153	.7816	.5666
.1518	-1.0094	.5836	.9140	.6007	.1018	.8048	.5298
.2019	-.7562	.6341	.8356	.6755	.2103	.8266	.4833
.2519	-.6337	.6572	.8000	.7173	.2603	.8362	.4553
.3018	-.5630	.6722	.7768	.8507	.3428	.8328	.4088
.4018	-.5138	.6839	.7588	.9010	.3403	.8517	.4853
.4519	-.4944	.6872	.7537	.9508	.2746	.8386	.5088
.5020	-.4694	.6923	.7458	1.0000	.0371	.7914	.5890
.5270	-.4861	.6937	.7437				
.5520	-.4519	.6961	.7309				
.5770	-.4452	.6981	.7368				
.6020	-.4392	.6981	.7368				
.6270	-.4313	.6994	.7349				
.6519	-.4211	.7010	.7324				
.6770	-.4137	.7041	.7276				
.7020	-.3988	.7070	.7231				
.7516	-.3573	.7145	.7114				
.8017	-.2904	.7272	.6917				
.8519	-.2129	.7430	.6669				
.9012	-.1327	.7589	.6416				
.9518	-.0442	.7767	.6131				
1.0000	.0387	.7930	.5864				

TEST 118 RUN 52 POINT 1 GRIT ***OFF***
 PT = 4.3529 TT = 119.8 M,INF = .6953 RC*E06 = 30.00 ALPHA = .00
 CN = .1767 CM.25 = -.1061
 CDZ CD1 CD3 CD4 CD5
 .00735 .00735(-.00001) .00727(-.00009) .00706(-.00029) .00678(-.00058)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00693 .00696(-.00002) .00689(-.00004) .00680(-.00013) .00665(-.00028)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1426	1.0040	0.0000	0.0000	1.1413	1.0037	0.0600
.0075	-.5176	.5997	.8888	.0100	.4044	.8242	.5338
.0101	-.7632	.5391	.9847	.0177	.1665	.7656	.6308
.0164	-.8791	.5116	1.0194	.0526	-.2653	.6604	.7949
.0200	-.7954	.5307	.9982	.1023	-.4744	.6093	.8738
.0265	-.5679	.5874	.9080	.1527	-.5072	.6020	.8650
.0308	-.6555	.5653	.9427	.2020	-.5501	.5907	.9028
.0364	-.5196	.5980	.8913	.2770	-.6021	.5786	.9217
.0518	-.4292	.6202	.8569	.3757	-.5187	.5988	.8901
.0769	-.3758	.6334	.8365	.4507	-.3615	.6363	.8321
.1019	-.3327	.6438	.8204	.5257	-.1632	.6855	.7563
.1518	-.2937	.6541	.8046	.6007	.0090	.7277	.6908
.2019	-.2634	.6607	.7945	.6755	.1528	.7628	.6353
.2519	-.2741	.6585	.7977	.7173	.2165	.7776	.6114
.3018	-.2766	.6578	.7988	.8507	.3352	.8068	.5634
.4018	-.3154	.6475	.8147	.9010	.3447	.8091	.5596
.4519	-.3254	.6459	.8172	.9508	.3000	.7979	.5781
.5020	-.3244	.6464	.8164	1.0000	.1270	.7552	.6475
.5270	-.3347	.6440	.8201				
.5520	-.3365	.6426	.8224				
.5770	-.3453	.6407	.8252				
.6020	-.3567	.6378	.8247				
.6270	-.3666	.6349	.8341				
.6519	-.3701	.6335	.8364				
.6770	-.3814	.6314	.8396				
.7020	-.3817	.6319	.8388				
.7516	-.3624	.6356	.8328				
.8017	-.3042	.6490	.8124				
.8519	-.2257	.6682	.7828				
.9012	-.1370	.6900	.7492				
.9518	-.0194	.7206	.7018				
1.0000	.1276	.7558	.6465				

ORIGINAL QUALITY

TABLE II. - Continued.

TEST 118 RUN 52 POINT 2 GRIT ***OFF***
 PT = 4.3527 TT = 119.8 M,INF = .6980 RC*E06 = 30.14 ALPHA = 1.02
 CN = .3173 CN.25 = -.1069

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC		
.0000	1.1144	.9966	.0700	0.0000	1.1107	.9958	.0773		
.0075	-.8213	.9217	1.0128	.0100	.9970	.8699	.4515		
.0101	-1.0994	.4542	1.1269	.0177	.8633	.8120	.5945		
.0164	-1.3368	.3932	1.2387	.0526	-.0793	.7026	.7297		
.0200	-1.4530	.3664	1.2915	.1023	-.3096	.6475	.8148		
.0265	-1.4009	.3799	1.2646	.1527	-.3673	.6339	.8357		
.0306	-1.4553	.3670	1.2903	.2020	-.4273	.6163	.8628		
.0344	-.9606	.4872	1.0701	.2770	-.4963	.6009	.8869		
.0518	-.2812	.9799	.9197	.3757	-.4463	.6143	.8660		
.0769	-.9277	.5912	.9003	.4507	-.3082	.6486	.8140		
.1019	-.4719	.6076	.8764	.5257	-.1131	.6920	.7462		
.1518	.4055	.6245	.8502	.6007	.6391	.7317	.6846		
.2019	-.3570	.6337	.8361	.6755	.1772	.7662	.6299		
.2519	-.3566	.6352	.8337	.7173	.2387	.7816	.6050		
.3018	-.3513	.6376	.8300	.8507	.3514	.8088	.5601		
.4018	-.3762	.6313	.8397	.9010	.5581	.8164	.5572		
.4519	-.3821	.6288	.8435	.9508	.3085	.7983	.5775		
.5020	-.3755	.6295	.8425	1.0000	.1260	.7536	.6501		
.5270	-.3832	.6284	.8442						
.5520	-.3824	.6290	.8432						
.5770	-.3879	.6268	.8467						
.6020	-.3980	.6243	.8505						
.6270	-.4053	.6227	.8536						
.6519	-.4049	.6230	.8525						
.6770	-.4120	.6224	.8534						
.7020	-.4106	.6227	.8530						
.7516	-.3840	.6284	.8442						
.8017	-.3186	.6452	.8183						
.8519	-.2339	.6649	.7880						
.9012	-.1382	.6189	.7509						
.9518	-.0163	.7117	.7048						
1.0000	.1262	.7541	.6487						

TEST 118 RUN 52 POINT 3 GRIT ***OFF***
 PT = 4.3501 TT = 119.9 M,INF = .6954 RC*E06 = 30.04 ALPHA = 1.52
 CN = .3797 CN.25 = -.1053

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC		
0.0000	1.0880	.9906	.1165	0.0000	1.0842	.9896	.1223		
.0075	-.9686	.4884	1.0682	.0100	.6703	.8818	.4146		
.0101	-1.2134	.4286	1.1726	.0177	.4402	.8324	.5195		
.0164	-1.4747	.3653	1.2937	.0526	-.0027	.7239	.6968		
.0200	-1.5729	.3397	1.3468	.1023	-.2392	.6660	.7863		
.0265	-1.5973	.3357	1.3553	.1527	-.3063	.6493	.8120		
.0306	-1.5965	.3350	1.3567	.2020	-.3704	.6330	.8370		
.0364	-1.5497	.3453	1.3348	.2770	-.4463	.6137	.8669		
.0518	-.8419	.5165	1.0214	.3757	-.4110	.6235	.8517		
.0769	-.5407	.5923	.9002	.4507	-.2834	.6557	.8022		
.1019	-.5699	.5998	.8885	.5257	-.1082	.6980	.7369		
.1518	-.4490	.6144	.8659	.6007	.0306	.7372	.6700		
.2019	-.3956	.6269	.8466	.6755	.1865	.7698	.6241		
.2519	-.3913	.6272	.8461	.7173	.2457	.7852	.5991		
.3018	-.3930	.6304	.8412	.8507	.3957	.8118	.5549		
.4018	-.4024	.6266	.8470	.9010	.3621	.8125	.5537		
.4519	-.4056	.6257	.8490	.9508	.3107	.8002	.5744		
.5020	-.3961	.6280	.8448	1.0000	.1227	.7546	.6484		
.5270	-.4030	.6255	.8487						
.5520	-.4003	.6277	.8453						
.5770	-.4052	.6261	.8477						
.6020	-.4139	.6224	.8534						
.6270	-.4194	.6215	.8549						
.6519	-.4181	.6224	.8535						
.6770	-.4244	.6198	.8575						
.7020	-.4202	.6214	.8550						
.7516	-.3903	.6293	.8427						
.8017	-.3215	.6435	.8178						
.8519	-.2351	.6670	.7847						
.9012	-.1381	.6910	.7477						
.9518	-.0151	.7206	.7019						
1.0000	.1237	.7541	.6492						

ORDER OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 52 POINT 4 GRIT ***OFF***
 PT = 4.3513 TT = 120.1 M.INF = .6950 RC=E06 = 29.95 ALPHA = 1.75
 CN = .4118 CM.25 = -.1039

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.0735	.9877	.1334	0.0000	1.0720	.9868	.1382
.0075	-1.0410	.4718	1.0763	.0100	.7018	.8965	.3988
.0101	-1.2664	.4161	1.1955	.0177	.4740	.8407	.5030
.0164	-1.5333	.3523	1.3198	.0526	.0306	.7326	.6830
.0200	-1.6268	.3279	1.3722	.1023	-.2077	.6743	.7735
.0265	-1.6515	.3227	1.3836	.1527	-.2787	.6563	.8009
.0308	-1.6492	.3227	1.3836	.2020	-.3461	.6399	.8265
.0364	-1.6091	.3322	1.3836	.2770	-.4235	.6223	.8533
.0518	-1.3264	.4012	1.3628	.3757	-.4945	.6289	.8634
.0769	-.5706	.5360	.9102	.4507	-.5723	.6391	.8689
.1019	-.5089	.6008	.8870	.5257	-.6501	.6510	.8722
.1518	-.4624	.6116	.8703	.6007	-.7273	.6625	.8725
.2019	-.4116	.6239	.8512	.6755	-.8043	.6721	.8721
.2519	-.4068	.6266	.8470	.7173	-.8817	.6746	.8746
.3018	-.3969	.6283	.8443	.8507	-.9591	.6755	.8755
.4018	-.4141	.6245	.8502	.9010	-.9363	.6755	.8755
.4519	-.4138	.6244	.8503	.9508	-.9139	.6755	.8755
.5020	-.4058	.6268	.8466	1.0000	.1219	.7553	.6473
.5520	-.4119	.6259	.8481				
.5770	-.4080	.6267	.8468				
.6020	-.4119	.6239	.8512				
.6270	-.4206	.6225	.8533				
.6270	-.4248	.6210	.8537				
.6519	-.4231	.6225	.8532				
.6770	-.4300	.6200	.8572				
.7020	-.4234	.6216	.8547				
.7516	-.3919	.6283	.8443				
.8017	-.3234	.6458	.8173				
.8519	-.2360	.6672	.7844				
.9012	-.1389	.6903	.7487				
.9518	-.0555	.7207	.7018				
1.0000	.1226	.7549	.6479				

TEST 118 RUN 52 POINT 5 GRIT ***OFF***
 PT = 4.3524 TT = 119.7 M.INF = .7004 RC=E06 = 30.25 ALPHA = 2.01
 CN = .4452 CM.25 = -.1043

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0667	.9348	.1485	0.0000	1.0630	.9838	.1533
.0075	-1.0681	.4578	1.1206	.0100	.7349	.9030	.3851
.0101	-1.2952	.4019	1.2222	.0177	.5117	.8478	.4922
.0164	-1.5545	.3386	1.3451	.0526	.0683	.7383	.6742
.0200	-1.6481	.3143	1.4025	.1023	-.1746	.6782	.7675
.0265	-1.6843	.3071	1.4188	.1527	-.2510	.6594	.7963
.0308	-1.6769	.3077	1.4174	.2020	-.3208	.6420	.8233
.0364	-1.6375	.3169	1.3966	.2770	-.4040	.6224	.8535
.0518	-1.5379	.3423	1.3412	.3757	-.4793	.6282	.8645
.0769	-.8217	.5186	1.0179	.4507	-.5597	.6368	.8704
.1019	-.4996	.5980	.8914	.5257	-.6408	.6487	.8758
.1518	-.4626	.6072	.8770	.6007	-.7220	.6605	.8798
.2019	-.4227	.6168	.8622	.6755	-.8032	.6721	.8798
.2519	-.4220	.6179	.8604	.7173	-.8844	.6721	.8798
.3018	-.4116	.6202	.8568	.8507	-.9656	.6721	.8798
.4018	-.4290	.6150	.8630	.9010	-.9468	.6721	.8798
.4519	-.4303	.6149	.8651	.9508	-.9280	.6721	.8798
.5020	-.4183	.6181	.8602	1.0000	.1226	.7517	.6511
.5520	-.4231	.6174	.8612				
.5770	-.4186	.6181	.8602				
.6020	-.4236	.6168	.8621				
.6270	-.4311	.6153	.8644				
.6270	-.4342	.6150	.8649				
.6519	-.4320	.6148	.8632				
.6770	-.4379	.6134	.8675				
.7020	-.4319	.6151	.8648				
.7516	-.3982	.6233	.8322				
.8017	-.3064	.6413	.8243				
.8519	-.2274	.6627	.7913				
.9012	-.1380	.6876	.7530				
.9518	-.0533	.7178	.7062				
1.0000	.1234	.7517	.6527				

OF POOR QUALITY

TABLE II.- Continued.

PT = 4.3548 TEST 118 RUN 52 POINT 6 GRIT ***OFF***
 CM = .4796 TT = 120.0 M.INF = .6966 RC*E06 = 30.05 ALPHA = 2.25

CD2 CD1 CD3 CD4 CD5
 .01088 .01073(-.00015) .01081(-.00007) .01028(-.00060) .01015(-.00073)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01035 .01025(-.00010) .01029(-.00006) .00987(-.00048) .00990(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0488	.9808	.1671	0.0000	1.0435	.9794	.1729
.0075	-1.1433	.4430	1.1467	.0100	.7631	.920A	.3687
.0101	-1.3657	.3884	1.2479	.0177	.5446	.8570	.4754
.0164	-1.4122	.3263	1.3756	.0526	.1089	.7503	.6553
.0200	-1.7148	.3045	1.4249	.1023	-.1431	.6882	.7521
.0265	-1.7413	.2964	1.4438	.1527	-.2228	.6683	.7826
.0308	-1.7402	.2964	1.4434	.2020	-.2948	.6509	.8094
.0364	-1.7140	.3047	1.4244	.2770	-.3798	.6299	.8418
.0518	-1.6115	.3282	1.3715	.3757	-.3606	.6353	.8335
.0769	-1.1541	.4406	1.1509	.4567	-.2478	.6636	.7900
.1019	-.7889	.5788	.9214	.5251	-.0830	.7034	.7283
.1318	-.4608	.6099	.8728	.6007	.0699	.7404	.6708
.2019	-.4329	.6171	.8617	.6755	.2012	.7732	.6186
.2519	-.4361	.6166	.8624	.7173	.2597	.7873	.5956
.3018	-.4241	.6198	.8575	.8507	.3656	.8132	.5525
.4018	-.4406	.6164	.8628	.9010	.4694	.8142	.5508
.4519	-.4401	.6159	.8635	.9508	.5150	.8011	.5730
.5020	-.4264	.6186	.8593	1.0000	.5199	.7546	.6484
.5270	-.4314	.6182	.8599				
.5520	-.4257	.6194	.8582				
.5770	-.4291	.6184	.8596				
.6020	-.4356	.6169	.8619				
.6270	-.4394	.6162	.8630				
.6519	-.4360	.6190	.8587				
.6770	-.4408	.6166	.8624				
.7020	-.4330	.6175	.8611				
.7516	-.3996	.6256	.84.3				
.8017	-.3286	.6436	.8207				
.8519	-.2384	.6656	.7809				
.9012	-.1395	.6899	.7491				
.9518	-.0169	.7199	.7029				
1.0000	.1207	.7339	.6494				

PT = 4.3913 TEST 118 RUN 52 POINT 7 GRIT ***OFF***
 CM = .5171 TT = 120.1 M.INF = .6998 RC*E06 = 29.01 ALPHA = 2.51

CD2 CD1 CD3 CD4 CD5
 .01204 .01189(-.00015) .01188(-.00016) .01133(-.00071) .01117(-.00087)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01141 .01132(-.00010) .01134(-.00007) .01090(-.00052) .01087(-.00054)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0326	.9770	.1628	0.0000	1.0270	.9755	.1889
.0075	-1.2036	.4294	1.1713	.0100	.7919	.9182	.3518
.0101	-1.4248	.3762	1.2718	.0177	.5762	.8657	.4593
.0164	-1.6703	.3167	1.3970	.0526	.1553	.7634	.6344
.0200	-1.7399	.2949	1.4472	.1023	-.1126	.6974	.7378
.0265	-1.7945	.2866	1.4674	.1527	-.1963	.6773	.7689
.0308	-1.7987	.2848	1.4716	.2020	-.2691	.6589	.8001
.0364	-1.7673	.2929	1.4521	.2770	-.3566	.6375	.8242
.0518	-1.6742	.3165	1.3974	.3757	-.3428	.6413	.7837
.0769	-1.5512	.3476	1.3301	.4507	-.2355	.6676	.7235
.1019	-.7466	.5427	.9788	.5257	-.0743	.7067	.6669
.1318	-.4528	.6147	.8634	.6007	.0754	.7429	.6154
.2019	-.4377	.6176	.8608	.6755	.2048	.7752	.5922
.2519	-.4441	.6162	.8631	.7173	.2625	.7894	.5508
.3018	-.4359	.6186	.8593	.8507	.3667	.8147	.5486
.4018	-.4518	.6148	.8652	.9010	.4697	.8156	.5706
.4519	-.4498	.6149	.8650	.9508	.5158	.8025	.6435
.5020	-.4363	.6178	.8605	1.0000	.5182	.7545	
.5270	-.4397	.6130	.8603				
.5520	-.347	.6195	.8579				
.5770	-.4373	.6187	.8591				
.6020	-.4428	.6175	.8610				
.6270	-.4459	.6170	.8619				
.6519	-.4412	.6183	.8598				
.6770	-.4450	.6176	.8609				
.7020	-.4374	.6194	.8581				
.7516	-.4014	.6245	.8424				
.8017	-.3294	.6480	.8139				
.8519	-.2397	.6695	.7809				
.9012	-.1415	.6934	.7441				
.9518	-.0186	.7225	.6989				
1.0000	.1184	.7347	.6482				

ORIGINAL PAGE IS
OF POOR QUALITY.

TABLE II.- Continued.

TEST 118 RUN 52 POINT 8 GRIT ***OFF***
 PT = 4.3539 TT = 119.8 M,INF = .6981 RC*E06 = 30.16 ALPHA = 3.00
 CN = .5875 CM.25 = -.0977

UPPER SURFACE					LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC	
0.0000	1.0055	.9699	.2098	0.0000	.9997	.9685	.2145	
.0075	-1.3014	.4034	1.2192	.0100	.8414	.9296	.2250	
.0101	-1.4692	.3595	1.3054	.0177	.6338	.8781	.4356	
.0164	-1.7205	.2997	1.4361	.0326	.1944	.7700	.6238	
.0200	-1.8188	.2760	1.4935	.1023	-.0572	.7086	.7205	
.0265	-1.8612	.2659	1.5192	.1527	-.1472	.6362	.7551	
.0308	-1.8503	.2656	1.5200	.2020	-.2258	.6686	.7854	
.0364	-1.8275	.2738	1.4989	.2770	-.3174	.6441	.8200	
.0518	-1.7399	.2943	1.4487	.3757	-.3147	.6455	.8178	
.0769	-1.6548	.3146	1.4017	.4587	-.3127	.6707	.7790	
.1019	-1.5548	.3404	1.3451	.5257	-.0983	.7085	.7207	
.1318	-.3640	.5837	.9137	.6007	.0879	.7447	.6641	
.2019	-.4031	.6229	.8527	.6755	.2159	.7761	.6140	
.2519	-.4369	.6147	.8654	.7173	.2722	.7891	.5928	
.3018	-.4457	.6133	.8675	.8307	.3755	.8148	.5498	
.4018	-.4696	.6076	.8764	.9010	.3755	.8149	.5496	
.4519	-.4693	.6075	.8766	.9508	.3196	.8021	.5713	
.5020	-.4535	.6117	.8700	1.0000	.2173	.7574	.6518	
.5270	-.4548	.6114	.8706					
.5520	-.4492	.6114	.8705					
.5770	-.4503	.6126	.8686					
.5020	-.4553	.6106	.8717					
.6270	-.4562	.6120	.8697					
.6519	-.4522	.6129	.8682					
.6770	-.4535	.6115	.8703					
.7020	-.4445	.6150	.8650					
.7516	-.4077	.6219	.8542					
.8017	-.3334	.6429	.8218					
.8519	-.2413	.6653	.7873					
.9012	-.1413	.6888	.7511					
.9518	-.0192	.7203	.7023					
1.0000	.1176	.7518	.6528					

TEST 118 RUN 52 POINT 9 GRIT ***OFF***
 PT = 4.3537 TT = 119.8 M,INF = .6933 RC*E06 = 30.05 ALPHA = 3.00
 CN = .6430 CM.25 = -.0949

UPPER SURFACE					LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC	
0.0000	.9649	.9607	.2402	0.0000	.9597	.9595	.2440	
.0075	-1.4264	.3789	1.2665	.100	.8863	.9419	.2942	
.0101	-1.5811	.3410	1.3439	.0177	.6868	.8930	.4059	
.0164	-1.8255	.2815	1.4799	.0526	.2516	.7866	.5965	
.0200	-1.9174	.2604	1.5334	.1023	-.0023	.7257	.6940	
.0265	-1.9649	.2494	1.5630	.1527	-.0983	.7016	.7313	
.0308	-1.9667	.2472	1.5690	.2020	-.1809	.6832	.7598	
.0364	-1.9397	.2550	1.5478	.2770	-.2765	.6584	.7879	
.0518	-1.8515	.2751	1.4957	.3757	-.2818	.6570	.8001	
.0769	-1.7703	.2941	1.4492	.4587	-.1913	.6868	.7636	
.1019	-1.6867	.3162	1.3981	.5257	-.0428	.7148	.7109	
.1318	-.8409	.5207	1.0145	.6007	.0972	.7498	.6561	
.2019	-.4349	.6216	.8548	.6755	.2210	.7790	.6093	
.2519	-.4241	.6223	.8533	.7173	.2763	.7952	.5860	
.3018	-.4457	.6171	.8617	.8307	.3748	.8171	.5459	
.4018	-.4823	.6105	.8722	.9010	.3768	.8178	.5448	
.4519	-.4778	.6087	.8747	.9508	.3190	.8044	.5674	
.5020	-.4636	.6134	.8674	1.0000	.2170	.7532	.6503	
.5270	-.4647	.6117	.8701					
.5520	-.4583	.6145	.8657					
.5770	-.4594	.6141	.8663					
.6020	-.4622	.6138	.8669					
.6270	-.4665	.6143	.8680					
.6519	-.4567	.6153	.8644					
.6770	-.4581	.6153	.8645					
.7020	-.4475	.6172	.8615					
.7516	-.4098	.6273	.8458					
.8017	-.3331	.6446	.8193					
.8519	-.2414	.6664	.7857					
.9012	-.1440	.6904	.7487					
.9518	-.0222	.7206	.7018					
1.0000	.1118	.7534	.6503					

ORIGINAL DATA OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 52 POINT 10 GRIT ***OFF***
 PT = 4.3931 TT = 120.5 M,INF = .7014 RC*E06 = 30.01 ALPHA = 4.01
 CM = .7212 CM.25 = -.0013

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	.9430	.9537	.2614	0.0000	.9426	.9534	.2623
.0075	-1.4301	.3637	1.2968	.0100	.9259	.9500	.2721
.0101	-1.5743	.3288	1.3703	.0177	.7325	.9014	.3885
.0164	-1.8388	.2640	1.5241	.0326	.3037	.7955	.5821
.0200	-1.9152	.2463	1.5712	.1023	.0462	.7310	.6855
.0265	-1.9723	.2331	1.6027	.1527	-.0564	.7057	.7250
.0308	-1.9529	.2348	1.6037	.2020	-.1438	.6868	.7542
.0364	-1.9387	.2405	1.5874	.2770	-.2493	.6594	.7964
.0518	-1.8637	.2573	1.5416	.3757	-.2586	.6350	.8431
.0769	-1.8001	.2746	1.4969	.4507	-.2721	.6785	.7470
.1019	-1.7230	.2919	1.4544	.5257	-.0291	.7122	.7149
.1518	-1.6085	.3206	1.3883	.6007	.1096	.7477	.6593
.2019	-.8021	.5247	1.0079	.6755	.2313	.7769	.6125
.2519	-.4827	.6006	.8873	.7173	.2860	.7913	.5891
.3018	-.3857	.6234	.8518	.8507	.3812	.8153	.5490
.4018	-.4647	.6062	.8786	.9010	.3833	.8155	.5487
.4519	-.4730	.6020	.8851	.9508	.3229	.8013	.5725
.5020	-.4650	.6055	.8796	1.0000	.1106	.7474	.6598
.5270	-.4669	.6036	.8827				
.5520	-.4636	.6058	.8791				
.5770	-.4647	.6063	.8783				
.6020	-.4680	.6049	.8806				
.6270	-.4673	.6064	.8782				
.6519	-.4604	.6058	.8792				
.6770	-.4636	.6076	.8764				
.7020	-.4491	.6091	.8740				
.7516	-.4126	.6193	.8562				
.8017	-.3310	.6383	.8289				
.8519	-.2416	.6632	.7905				
.9012	-.1452	.6866	.7545				
.9518	-.0221	.7146	.7112				
1.0000	.1095	.7489	.6575				

TEST 118 RUN 53 POINT 1 GRIT ***OFF***
 PT = 4.2679 TT = 120.3 M,INF = .7156 RC*E06 = 29.87 ALPHA = .81
 CM = .1816 CM.25 = -.1085

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1530	1.0046	0.0000	0.0000	1.1526	1.0044	0.0000
.0075	-.4822	.5875	.9078	.0100	.4241	.8188	.5430
.0101	-.7287	.5259	1.0060	.0177	.1828	.7582	.6426
.0164	-.9321	.4741	1.0924	.0326	-.2960	.6470	.8154
.0200	-.8813	.4874	1.0698	.1023	-.4803	.5895	.9045
.0265	-.9786	.3634	.9456	.1527	-.5173	.5816	.9170
.0308	-.6665	.5417	.9804	.2020	-.5675	.5700	.9353
.0364	-.5284	.5771	.9240	.2770	-.6321	.5521	.9636
.0518	-.4380	.6005	.8874	.3757	-.5372	.5763	.9254
.0769	-.3850	.6143	.8659	.4507	-.3636	.6190	.8387
.1019	-.3414	.6248	.8497	.5257	-.1606	.6719	.7772
.1518	-.2997	.6367	.8313	.6007	.0154	.7160	.7090
.2019	-.2694	.6453	.8180	.6755	.1594	.7532	.6506
.2519	-.2793	.6416	.8238	.7173	.2238	.7697	.6243
.3018	-.2833	.6406	.8253	.8507	.3427	.7996	.5754
.4018	-.3231	.6293	.8427	.9010	.3524	.8011	.5728
.4519	-.3357	.6275	.8456	.9508	.3074	.7894	.5923
.5020	-.3334	.6274	.8456	1.0000	.1337	.7449	.6637
.5270	-.3442	.6257	.8484				
.5520	-.3457	.6255	.8486				
.5770	-.3550	.6229	.8526				
.6020	-.3677	.6181	.8601				
.6270	-.3775	.6150	.8648				
.6519	-.3825	.6134	.8673				
.6770	-.3932	.6104	.8719				
.7020	-.3946	.6099	.8734				
.7516	-.3731	.6164	.8627				
.8017	-.3102	.6326	.8377				
.8519	-.2278	.6528	.8065				
.9012	-.1342	.6763	.7704				
.9518	-.0133	.7077	.7219				
1.0000	.1348	.7454	.6630				

ORDER OF POOR CONTACT

TABLE II.- Continued.

TEST 118 RUM 53 POINT 2 GRIT ***OFF***
 PT = 4.2684 TT = 120.3 M,INF = .7144 RC*E06 = 29.85 ALPHA = 1.01
 CM = .3231 CM.25 = -.1081

CD2 CD1 CD3 CD4 CD5
 .00801 .00802(-.00001) .00795(-.00004) .00758(-.00043) .00738(-.00063)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00758 .00764(.00005) .00759(.00000) .00733(-.00026) .00724(-.00035)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1250	.9977	.0378	0.0000	1.1213	.9970	.0661
.0075	-.7706	.5191	1.0170	.0100	.6022	.8649	.4600
.0101	-1.0259	.4536	1.1279	.0177	.3655	.8054	.5637
.0164	-1.2810	.3878	1.2490	.0326	-.0762	.6922	.7451
.0200	-1.3947	.3592	1.3059	.1023	-.3126	.6323	.8380
.0265	-1.3789	.3621	1.3001	.1527	-.3748	.6181	.8601
.0308	-1.4032	.3581	1.3081	.2020	-.4375	.6009	.8868
.0364	-1.3423	.3725	1.2791	.2770	-.5148	.5819	.9165
.0518	-.6062	.5593	.9521	.3757	-.4595	.5961	.8943
.0769	-.5097	.5821	.9162	.4587	-.3107	.6342	.8353
.1019	-.4704	.5923	.9002	.5257	-.1232	.6816	.7621
.1518	-.4093	.6094	.8756	.6007	.0436	.7239	.6967
.2019	-.3606	.6204	.8565	.6755	.1826	.7590	.6414
.2519	-.3820	.6206	.8562	.7173	.2448	.7746	.6183
.3018	-.3544	.6222	.8538	.8507	.3379	.8031	.5695
.4018	-.3344	.6154	.8643	.9010	.3648	.8046	.5671
.4519	-.3911	.6138	.8668	.9508	.3144	.7923	.5875
.5020	-.3840	.6156	.8639	1.0000	.1107	.7461	.6619
.5270	-.3916	.6135	.8672				
.5520	-.3904	.6136	.8670				
.5770	-.3961	.6119	.8696				
.6020	-.4067	.6087	.8746				
.6270	-.4143	.6076	.8764				
.6519	-.4156	.6078	.8761				
.6770	-.4235	.6071	.8802				
.7020	-.4207	.6057	.8794				
.7516	-.3918	.6111	.8698				
.8017	-.3226	.6301	.8415				
.8519	-.2333	.6536	.8053				
.9012	-.1359	.6784	.7671				
.9518	-.0106	.7089	.7200				
1.0000	.1310	.7459	.6621				

TEST 118 RUM 53 POINT 3 GRIT ***OFF***
 PT = 4.2685 TT = 118.8 M,INF = .7176 RC*E06 = 30.49 ALPHA = 1.91
 CM = .3905 CM.25 = -.1076

CD2 CD1 CD3 CD4 CD5
 .00887 .00884(-.00004) .00881(-.00006) .00836(-.00032) .00818(-.00070)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00841 .00843(.00002) .00839(-.00002) .00806(-.00035) .00799(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1031	.9921	.1065	0.0000	1.1022	.9919	.1063
.0075	-.8858	.4875	1.0676	.0100	.6736	.8836	.4249
.0101	-1.1056	.4300	1.1701	.0177	.4449	.8237	.5347
.0164	-1.3859	.3612	1.2549	.0326	-.0001	.7099	.7185
.0200	-1.4694	.3350	1.3569	.1023	-.2426	.6474	.8149
.0265	-1.5170	.3294	1.3688	.1527	-.3142	.6290	.8433
.0308	-1.4987	.3300	1.3676	.2020	-.3837	.6116	.8703
.0364	-1.4632	.3365	1.3535	.2770	-.4648	.5925	.9000
.0518	-1.3547	.3644	1.2956	.3757	-.4260	.6022	.8848
.0769	-.6008	.5563	.9567	.4587	-.2871	.6389	.8261
.1019	-.4610	.5915	.9015	.5257	-.1058	.6841	.7584
.1518	-.4384	.5972	.8927	.6007	.0366	.7258	.6939
.2019	-.3957	.6085	.8750	.6755	.1933	.7601	.6397
.2519	-.3960	.6100	.8727	.7173	.2548	.7756	.6148
.3018	-.3889	.6117	.8701	.8507	.3524	.8030	.5698
.4018	-.4132	.6068	.8777	.9010	.3709	.8043	.5677
.4519	-.4167	.6050	.8806	.9508	.3202	.7914	.5891
.5020	-.4078	.6077	.8764	1.0000	.1311	.7436	.6659
.5270	-.4139	.6054	.8799				
.5520	-.4121	.6056	.8795				
.5770	-.4182	.6027	.8842				
.6020	-.4283	.5998	.8886				
.6270	-.4332	.5987	.8904				
.6519	-.4319	.5999	.8885				
.6770	-.4401	.5973	.8926				
.7020	-.4338	.6008	.8871				
.7516	-.4602	.6081	.8758				
.8017	-.3281	.6269	.8471				
.8519	-.2365	.6511	.8093				
.9012	-.1393	.6752	.7722				
.9518	-.0097	.7075	.7223				
1.0000	.1310	.7432	.6663				

ORIGINAL
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 53 POINT 4 GRIT ***OFF***
 PT = 4.2670 TT = 119.0 M,INF = .7141 RC*E06 = 30.30 ALPHA = 1.75
 CM = .4190 CM.25 = -.1068

CD2 CD1 CD3 CD4 CD5
 .00950 .00944(-.00006) .00942(-.00008) .00901(-.00049) .00885(-.00065)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00902 .00903(-.00001) .00893(-.00004) .00866(-.00036) .00861(-.00041)

UPPER SURFACE					LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC	
0.0000	1.0918	.9893	.1241	0.0000	1.0908	.9893	.1265	
.0075	-.9466	.4719	1.0563	.0100	.7055	.8913	.4094	
.0101	-1.1602	.4179	1.1923	.0177	.4773	.8335	.5176	
.0164	-1.4343	.3496	1.3259	.0526	.0332	.7214	.7046	
.0200	-1.5340	.3239	1.3810	.1023	-.2100	.6592	.7967	
.0265	-1.5601	.3171	1.3962	.1527	-.2848	.6495	.8253	
.0308	-1.5534	.3181	1.3938	.2020	-.3545	.6229	.8533	
.0364	-1.5234	.3266	1.3751	.2770	-.4393	.6016	.8850	
.0518	-1.4279	.3507	1.3236	.3757	-.4062	.6096	.9139	
.0769	-.8024	.5099	1.0321	.4507	-.2746	.6479	.9733	
.1019	-.4753	.5920	.9008	.5257	-.0982	.6814	.9829	
.1518	-.4454	.6000	.8883	.6007	.0619	.7281	.7527	
.2019	-.4074	.6091	.8741	.6755	.1872	.7621	.6902	
.2519	-.4100	.6090	.8743	.7113	.2582	.7821	.6366	
.3018	-.4014	.6108	.8715	.8567	.3660	.7775	.6116	
.4018	-.4238	.6051	.8704	.9010	.3719	.8065	.5660	
.4519	-.4264	.6046	.8611	.9508	.3196	.7933	.5640	
.5020	-.4169	.6067	.8778	1.0000	.1208	.7451	.5059	
.5270	-.4223	.6048	.8808				.6634	
.5520	-.4191	.6054	.8795					
.5770	-.4234	.6051	.8803					
.6020	-.4335	.6021	.8850					
.6270	-.4382	.6011	.8866					
.6519	-.4364	.6019	.8854					
.6770	-.4435	.5989	.8901					
.7020	-.4369	.6013	.8862					
.7516	-.4030	.6096	.8733					
.8017	-.3280	.6304	.8411					
.8519	-.2370	.6527	.8068					
.9012	-.1364	.6789	.7604					
.9518	-.0106	.7099	.7186					
1.0000	.1295	.7415	.6644					

TEST 110 RUN 53 POINT 1 GRIT ***OFF***
 PT = 4.2681 TT = 119.0 M,INF = .7119 RC*E06 = 30.26 ALPHA = 2.01
 CM = .4590 CM.25 = -.1045

CD2 CD1 CD3 CD4 CD5
 .01047 .01036(-.00011) .01038(-.00009) .00989(-.00062) .00971(-.00076)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00981 .00975(-.00006) .00978(-.00003) .00941(-.00040) .00937(-.00023)

UPPER SURFACE					LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC	
0.0000	1.0775	.9858	.1434	0.0000	1.0750	.9852	.1463	
.0075	-1.0110	.4580	1.1203	.0100	.7362	.8996	.3924	
.0101	-1.2207	.4056	1.2452	.0177	.5118	.8433	.5003	
.0164	-1.4855	.3375	1.3514	.0526	.0886	.7314	.6851	
.0200	-1.5919	.3125	1.4064	.1023	-.1758	.6702	.7799	
.0265	-1.6177	.3047	1.4244	.1527	-.2544	.6499	.8111	
.0308	-1.6166	.3057	1.4222	.2020	-.3235	.6326	.8376	
.0364	-1.5849	.3143	1.4024	.2770	-.4129	.6099	.8729	
.0518	-1.4972	.3365	1.3536	.3757	-.3807	.6170	.8619	
.0769	-1.3310	.3782	1.2678	.4507	.2624	.6602	.8137	
.1019	-.3753	.5695	.9361	.5257	-.0894	.6615	.7470	
.1518	-.4377	.6038	.8824	.6007	.0674	.7313	.6892	
.2019	-.4161	.6097	.8732	.6755	.2013	.7648	.6321	
.2519	-.4215	.6077	.8753	.7173	.2605	.7801	.6075	
.3018	-.4147	.6099	.8729	.8587	.3682	.8089	.5632	
.4018	-.4361	.6044	.8814	.9010	.3726	.8081	.5612	
.4519	-.4368	.6039	.8822	.9508	.3201	.7946	.5838	
.5020	-.4252	.6071	.8773	1.0000	.1266	.7455	.6622	
.5270	-.4307	.6053	.8800					
.5520	-.4264	.6070	.8774					
.5770	-.4308	.6053	.8801					
.6020	-.4380	.6036	.8826					
.6270	-.4434	.6017	.8856					
.6519	-.4407	.6027	.8840					
.6770	-.4459	.6016	.8858					
.7020	-.4399	.6027	.8841					
.7516	-.4045	.6126	.8886					
.8017	-.3308	.6308	.8405					
.8519	-.2388	.6524	.8057					
.9012	-.1375	.6793	.7655					
.9518	-.0124	.7189	.7170					
1.0000	.1264	.7459	.6621					

ORIGINAL FROM IS
OF POOR QUALITY

TABLE II.- Continued.

PT = 4.2705 TEST 118 RUN 53 POINT 6 GRIT ***OFF***
CN = .4928 TT = 120.2 N, INF = .7190 RC*E06 = 29.91 ALPHA = 2.24

CD2 CD1 CD3 CD4 CD5
.01149 .01128(-.00020) .01135(-.00014) .01079(-.00070) .01076(-.00073)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01083 .01068(-.00015) .01072(-.00012) .01031(-.00052) .01058(-.00025)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0678	.931	.1562	0.0000	1.0654	.9823	.1604
.0075	-1.0386	.4466	1.1403	.0100	.7628	.9052	.3803
.0101	-1.2506	.3935	1.2380	.0177	.5416	.8492	.4898
.0164	-1.5203	.3269	1.3744	.0526	.1009	.7373	.6757
.0200	-1.6085	.3030	1.4284	.1023	-.1466	.6744	.7732
.0265	-1.6328	.2952	1.4466	.1527	-.2292	.6537	.8051
.0308	-1.6358	.2956	1.4456	.2020	-.3030	.6348	.8342
.0364	-1.6117	.3021	1.4302	.2770	-.3937	.6113	.8706
.0518	-1.5254	.3236	1.3816	.3757	-.3737	.6165	.8626
.0769	-1.4314	.3480	1.2922	.4507	-.2514	.6481	.8137
.1019	-.9732	.4644	1.1090	.5257	-.0809	.6915	.7469
.1518	-.4130	.6071	.8772	.6007	.0738	.7315	.6848
.2019	-.4063	.6088	.8745	.6755	.2070	.7651	.6317
.2519	-.4229	.6039	.8821	.7173	.2658	.7799	.6077
.3018	-.4223	.6041	.8818	.8507	.3717	.8069	.5631
.4018	-.4469	.5985	.8906	.9508	.3224	.7941	.5844
.4519	-.4485	.5982	.8910	1.0000	.1263	.7447	.6640
.5020	-.4356	.6025	.8843				
.5270	-.4400	.6011	.8864				
.5520	-.4348	.6024	.8845				
.5770	-.4387	.6017	.8856				
.6020	-.4452	.5999	.8882				
.6270	-.4490	.5985	.8905				
.6519	-.4474	.5994	.8891				
.6770	-.4518	.5986	.8903				
.7020	-.4435	.6005	.8874				
.7316	-.4074	.6094	.8736				
.8017	-.3319	.6286	.8439				
.8519	-.2387	.6526	.8068				
.9012	-.1374	.6780	.7677				
.9518	-.0126	.7099	.7185				
1.0000	.1267	.7430	.6635				

PT = 4.2692 TEST 118 RUN 53 POINT 7 GRIT ***OFF***
CN = .5257 TT = 120.0 N, INF = .7131 RC*E06 = 29.92 ALPHA = 2.46

CD2 CD1 CD3 CD4 CD5
.01243 .01228(-.00016) .01219(-.00024) .01170(-.00073) .01162(-.00081)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.01179 .01161(-.00018) .01159(-.00020) .01121(-.00058) .01131(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0323	.9796	.1722	0.0000	1.0490	.9786	.1763
.0075	-1.1027	.4345	1.1619	.0100	.7861	.9122	.3654
.0101	-1.3080	.3826	1.2592	.0177	.5695	.8573	.4750
.0164	-1.5676	.3184	1.3932	.0526	.1275	.7455	.6628
.0200	-1.6536	.2954	1.4460	.1023	-.1206	.6836	.7591
.0265	-1.6880	.2866	1.4671	.1527	-.2050	.6613	.7935
.0308	-1.6887	.2863	1.4679	.2020	-.2820	.6428	.8220
.0364	-1.6633	.2930	1.4519	.2770	-.3716	.6192	.8586
.0518	-1.5777	.3141	1.4027	.3757	-.3574	.6236	.8519
.0769	-1.4910	.3361	1.3543	.4507	-.2419	.6518	.8081
.1019	-1.3252	.3796	1.2650	.5257	-.0748	.6947	.7420
.1518	-.4357	.6029	.8837	.6007	.0787	.7336	.6815
.2019	-.4003	.6129	.8681	.6755	.2101	.7665	.6294
.2519	-.4250	.6057	.8793	.7173	.2684	.7812	.6056
.3018	-.4295	.6055	.8797	.8507	.3736	.8079	.5615
.4018	-.4547	.5979	.8915	.9508	.3771	.8088	.5600
.4519	-.4549	.5986	.8903	1.0000	.3224	.7951	.5828
.5020	-.4413	.6023	.8846		.1254	.7445	.6644
.5270	-.4461	.6006	.8872				
.5520	-.4413	.6017	.8855				
.5770	-.4445	.6011	.8864				
.6020	-.4514	.5993	.8892				
.6270	-.4543	.5989	.8899				
.6519	-.4305	.6086	.8904				
.6770	-.4358	.6080	.8914				
.7020	-.4452	.6007	.8872				
.7316	-.4090	.6098	.8730				
.8017	-.3333	.6292	.8429				
.8519	-.2391	.6527	.8067				
.9012	-.1372	.6780	.7678				
.9518	-.0133	.7095	.7190				
1.0000	.1258	.7431	.6635				

(-3)

ORIGINAL FILED
OF POOR QUALITY

TABLE II.- Continued.

PT = 4.2694 TEST 118 RUN 93 POINT 8 GRIT ***OFF***
 CN = .6121 TT = 120.1 M,INF = .7235 RC*E06 = 30.14 ALPHA = 3.04
 CH.25 = -.0987

CD2 CD1 CD3 CD4 CD5
 .01679 .01646(-.00032) .01698(-.00021) .01647(-.00032) .01683(.00004)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .C1609 .01573(-.00034) .01585(-.00024) .01576(-.00034) .01625(.00015)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0345	.9735	.1966	0.0000	1.0293	.9718	.2030
.0075	-1.1498	.4080	1.2105	.0100	.8411	.9232	.3402
.0101	-1.3244	.3632	1.2979	.0177	.6342	.8700	.4513
.0164	-1.5686	.3030	1.4281	.0526	.1990	.7575	.6438
.0200	-1.6584	.2736	1.4944	.1023	-.0565	.6923	.7457
.0265	-1.7057	.2648	1.5206	.1527	-.1499	.6660	.7862
.0308	-1.7048	.2728	1.5218	.2020	-.2327	.6462	.8167
.0364	-1.6692	.2910	1.5014	.2770	-.3323	.6191	.8586
.0518	-1.6088	.2910	1.4563	.3757	-.3267	.6209	.8957
.0769	-1.5426	.3077	1.4174	.4507	-.2160	.6493	.9119
.1019	-1.4702	.3280	1.3718	.5257	-.0592	.6910	.9478
.1518	-1.3504	.3549	1.3147	.6007	.0948	.7310	.9856
.2019	-.5333	.5686	.9375	.6755	.2242	.7627	.9355
.2519	-.3599	.6119	.8697	.7173	.2815	.7795	.8084
.3018	-.3808	.6069	.8774	.8507	.3840	.8050	.5664
.4018	-.4546	.5881	.9067	.9010	.3837	.8060	.5646
.4519	-.4645	.5850	.9116	.9508	.3300	.7908	.5899
.5020	-.4560	.5869	.9055	1.0000	.1262	.7393	.6725
.5270	-.4610	.5849	.9118				
.5520	-.4571	.5892	.9050				
.5770	-.4592	.5869	.9086				
.6020	-.4669	.5861	.9098				
.6270	-.4683	.5843	.9128				
.6519	-.4650	.5869	.9086				
.6770	-.4676	.5859	.9102				
.7020	-.4539	.5901	.9036				
.7516	-.4170	.5996	.8888				
.8017	-.3378	.6192	.8584				
.8519	-.2410	.6457	.8175				
.9012	-.1383	.6714	.7779				
.9518	-.0116	.7028	.7295				
1.0000	.1270	.7393	.6726				

PT = 5.2965 TEST 118 RUN 97 POINT 1 GRIT ***OFF***
 CN = .1903 TT = 140.3 M,INF = .7336 RC*E06 = 30.08 ALPHA = .01
 CH.25 = -.1121

CD2 CD1 CD3 CD4 CD5
 .00788 .00764(-.00024)00734(-.00034) .00696(-.00093)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00736 .00722(-.00014)00702(-.00034) .00677(-.00058)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1624	1.0055	0.0000	0.0000	1.1621	1.0053	0.0000
.0075	-.4636	.3769	.9233	.0100	.4405	.8151	.5484
.0101	-.6630	.3232	1.0060	.0177	.1994	.7323	.6511
.0164	-.9220	.4572	1.1206	.0526	-.2441	.6352	.8326
.0200	-1.0249	.4301	1.1690	.1023	-.4842	.5722	.9307
.0265	-.5858	.5447	.9745	.1527	-.5320	.5602	.9497
.0308	-.7439	.5039	1.0411	.2020	-.5921	.5434	.9765
.0364	-.5384	.5580	.9531	.2770	-.6847	.5189	1.0164
.0518	-.4544	.5803	.9179	.3757	-.5597	.5523	.9620
.0769	-.4006	.5940	.8965	.4507	-.3690	.6024	.8034
.1019	-.3589	.6051	.8791	.5257	-.1569	.6578	.7978
.1518	-.3153	.6172	.8604	.6007	.0211	.7039	.7267
.2019	-.2831	.6248	.8486	.6755	.1674	.7430	.6658
.2519	-.2942	.6217	.8534	.7173	.2315	.7599	.6389
.3018	-.2975	.6215	.8538	.8507	.3305	.7908	.5890
.4018	-.3383	.6105	.8708	.9010	.3596	.7932	.5851
.4519	-.3529	.6061	.8776	.9508	.3130	.7821	.6033
.5020	-.3522	.6094	.8757	1.0000	.1379	.7355	.6773
.5270	-.3634	.6030	.8825				
.5520	-.3694	.6026	.8831				
.5770	-.3758	.5989	.8888				
.6020	-.3898	.5952	.8946				
.6270	-.3987	.5948	.8951				
.6519	-.4024	.5934	.8975				
.6770	-.4146	.5901	.9026				
.7020	-.4135	.5903	.9022				
.7516	-.3888	.5975	.8910				
.8017	-.3204	.6195	.8631				
.8519	-.2323	.6382	.8260				
.9012	-.1354	.6639	.7883				
.9518	-.0101	.6973	.7370				
1.0000	.1388	.7358	.6772				

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OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 57 POINT 2 GRIT ***OFF***
 PT = 5.2905 TT = 140.4 M,INF = .7389 RC*E06 = 30.08 ALPHA = .98
 CM = .3350 CM.25 = -.1117
 CD2 CD1 CD3 CD4 CD5
 .00843 .00848(-.00009)00792(-.00031) .00758(-.00075)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00801 .00807(-.00006)00782(-.00019) .00761(-.00040)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1411	.9994	.0292	0.0000	1.1386	.9987	.0425
.0075	-.6022	.5161	1.0210	.0100	.6062	.8577	.4734
.0101	-.8987	.4584	1.1185	.0177	.3716	.7952	.5811
.0164	-1.1763	.3051	1.2534	.0526	-.0763	.6757	.7703
.0200	-1.2932	.3937	1.3165	.1023	-.3229	.6114	.8694
.0265	-1.3008	.3924	1.3192	.1927	-.3912	.5921	.8994
.0308	-1.3022	.3914	1.3212	.2020	-.4628	.5747	.9268
.0364	-1.2734	.3589	1.3057	.2770	-.5366	.5479	.9593
.0518	-1.1395	.3942	1.2359	.3797	-.4913	.5654	.9415
.0769	-.4806	.5682	.9370	.4507	-.3224	.6094	.8724
.1019	-.4903	.5776	.9222	.5297	-.1224	.6633	.7893
.1318	-.4146	.5859	.9092	.6007	.0485	.7084	.7197
.2019	-.3714	.5989	.8888	.6755	.1903	.7461	.6608
.2519	-.3748	.5962	.8930	.7173	.2520	.7626	.6346
.3018	-.3733	.5967	.8922	.8507	.3660	.7934	.5847
.4018	-.4046	.5876	.9065	.9010	.3728	.7930	.5820
.4519	-.4138	.5858	.9093	.9508	.3223	.7817	.6038
.5020	-.4073	.5871	.9073	1.0000	.1375	.7328	.6817
.5270	-.4143	.5852	.9102				
.5520	-.4150	.5851	.9103				
.5770	-.4227	.5839	.9123				
.6020	-.4331	.5808	.9171				
.6270	-.4415	.5788	.9204				
.6519	-.4419	.5790	.9200				
.6770	-.4519	.5768	.9235				
.7020	-.4463	.5767	.9235				
.7516	-.4118	.5860	.9090				
.8017	-.3334	.6064	.8771				
.8519	-.2377	.6320	.8375				
.9012	-.1341	.6597	.7949				
.9518	-.0053	.6943	.7415				
1.0000	.1372	.7330	.6814				

TEST 118 RUN 57 POINT 3 GRIT ***OFF***
 PT = 5.2902 TT = 140.2 M,INF = .7360 RC*E06 = 30.06 ALPHA = 1.46
 CM = .4013 CM.25 = -.1097
 CD2 CD1 CD3 CD4 CD5
 .00922 .00914(-.00009)00871(-.00051) .00848(-.00074)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00875 .00870(-.00005)00837(-.00038) .00828(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1212	.9943	.0906	0.0000	1.1199	.9940	.0721
.0075	-.7876	.4895	1.0651	.0100	.6703	.8750	.4409
.0101	-.9977	.4374	1.1557	.0177	.4402	.8144	.5496
.0164	-1.2712	.3614	1.3007	.0526	-.0069	.6964	.7384
.0200	-1.3634	.3349	1.3562	.1023	-.2552	.6313	.8386
.0265	-1.4001	.3273	1.3728	.1527	-.3296	.6112	.8697
.0308	-1.4200	.3264	1.3748	.2020	-.4039	.5912	.9009
.0364	-1.3901	.3332	1.3599	.2770	-.4961	.5681	.9371
.0518	-1.2897	.3374	1.3088	.3797	-.4495	.5794	.9194
.0769	-1.1398	.3971	1.2303	.4507	-.2980	.6188	.8579
.1019	-.4983	.5671	.9387	.5297	-.1073	.6686	.7796
.1318	-.4162	.5883	.9054	.6007	.0598	.7116	.7117
.2019	-.3919	.5944	.8959	.6755	.1986	.7506	.6537
.2519	-.4030	.5927	.8985	.7173	.2595	.7669	.6277
.3018	-.3966	.5928	.8983	.8507	.3785	.7960	.5804
.4018	-.4278	.5845	.9114	.9010	.3764	.7973	.5783
.4519	-.4367	.5826	.9144	.9508	.3242	.7840	.6002
.5020	-.4259	.5851	.9103	1.0000	.1351	.7334	.6807
.5270	-.4323	.5839	.9122				
.5520	-.4300	.5849	.9107				
.5770	-.4370	.5826	.9142				
.6020	-.4468	.5795	.9191				
.6270	-.4529	.5788	.9203				
.6519	-.4523	.5780	.9215				
.6770	-.4622	.5750	.9262				
.7020	-.4541	.5777	.9221				
.7516	-.4170	.5870	.9074				
.8017	-.3370	.6077	.8751				
.8519	-.2400	.6343	.8339				
.9012	-.1337	.6614	.7922				
.9518	-.0055	.6953	.7400				
1.0000	.1359	.7334	.6809				

TABLE II.- Continued.

TEST 118 RUN 57 POINT 4 GRIT ***OFF***
 PT = 5.2905 TT = 140.2 M₂INF = .7337 RC*E06 = 30.01 ALPHA = 1.75
 CM = .4402 CM.25 = -.1082

CD2 CD1 CD3 CD4 CD5
 .01003 .00980(-.00023)00952(-.00051) .00922(-.00071)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00952 .00920(-.00032)00913(-.00040) .00908(-.00043)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1074	.9911	.1127	0.0000	1.1066	.9908	.1152
.0075	-.8634	.4718	1.0994	.0100	.7030	.8851	.4211
.0101	-1.0490	.4244	1.1769	.0177	.4777	.8257	.5303
.0164	-1.3461	.3470	1.3304	.0926	.0318	.7885	.7196
.0200	-1.4310	.3229	1.3825	.1023	-.2169	.6432	.8203
.0265	-1.4632	.3147	1.4008	.1327	-.2946	.6226	.8521
.0308	-1.4623	.3148	1.4006	.2020	-.3710	.6021	.8839
.0364	-1.4383	.3209	1.3868	.2770	-.4650	.5767	.9236
.0518	-1.3617	.3425	1.3399	.3757	-.4284	.5956	.9096
.0769	-1.2604	.3690	1.2893	.4507	-.2842	.6248	.8487
.1019	-.0236	.4833	1.0757	.5257	-.0985	.6735	.7737
.1318	-.3972	.5956	.8939	.6007	.0654	.7165	.7071
.2019	-.3913	.5967	.8922	.6755	.2031	.7527	.6504
.2519	-.4096	.5913	.9007	.7173	.2633	.7690	.6243
.3018	-.4097	.5905	.9019	.8507	.3735	.7976	.5778
.4018	-.4398	.5838	.9124	.9010	.3751	.7990	.5755
.4519	-.4465	.5818	.9156	.9508	.3265	.7847	.5990
.5020	-.4364	.5844	.9115	1.0000	.1341	.7339	.6799
.5270	-.4425	.5827	.9142				
.5520	-.4391	.5843	.9116				
.5770	-.4434	.5818	.9156				
.6020	-.4530	.5797	.9189				
.6270	-.4594	.5773	.9227				
.6519	-.4576	.5778	.9219				
.6770	-.4644	.5767	.9236				
.7020	-.4557	.5785	.9207				
.7316	-.4105	.5885	.9051				
.8017	-.3374	.6092	.8728				
.8519	-.2403	.6332	.8326				
.9012	-.1357	.6632	.7893				
.9518	-.0071	.6970	.7373				
1.0000	.1336	.7344	.6793				

TEST 118 RUN 57 POINT 5 GRIT ***OFF***
 PT = 5.2906 TT = 140.1 M₂INF = .7361 RC*E06 = 30.09 ALPHA = 2.00
 CM = .4749 CM.25 = -.1070

CD2 CD1 CD3 CD4 CD5
 .01109 .01080(-.00029)01043(-.00066) .01044(-.00065)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01044 .01014(-.00030)00994(-.00050) .01010(-.00034)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1008	.9889	.1264	0.0000	1.0999	.9885	.1284
.0075	-.9019	.4582	1.1190	.0100	.7336	.8917	.4079
.0101	-1.0691	.4138	1.1988	.0177	.5091	.8325	.5185
.0164	-1.3658	.3366	1.3526	.0926	.0691	.7159	.7082
.0200	-1.4502	.3133	1.4039	.1023	-.1849	.6491	.8111
.0265	-1.4873	.3041	1.4291	.1327	-.2677	.6271	.8451
.0308	-1.4800	.3050	1.4230	.2020	-.3460	.6066	.8769
.0364	-1.4534	.3125	1.4058	.2770	-.4433	.5810	.9166
.0518	-1.3884	.3309	1.3649	.3757	-.4122	.5896	.9034
.0769	-1.3090	.3534	1.3171	.4507	-.2708	.6267	.8456
.1019	-1.2171	.3763	1.2707	.5257	-.0897	.6743	.7724
.1318	-.4313	.5839	.9123	.6007	.0720	.7168	.7068
.2019	-.3653	.6015	.8848	.6755	.2080	.7529	.6500
.2519	-.4024	.5918	.8999	.7173	.2684	.7689	.6243
.3018	-.4128	.5894	.9036	.8507	.3772	.7975	.5779
.4018	-.4480	.5799	.9185	.9010	.3819	.7987	.5760
.4519	-.4561	.5775	.9224	.9508	.3283	.7847	.5990
.5020	-.4455	.5799	.9185	1.0000	.1342	.7331	.6813
.5270	-.4516	.5786	.9207				
.5520	-.4488	.5799	.9186				
.5770	-.4534	.5779	.9217				
.6020	-.4613	.5756	.9259				
.6270	-.4663	.5746	.9269				
.6519	-.4642	.5747	.9267				
.6770	-.4709	.5730	.9294				
.7020	-.4620	.5755	.9255				
.7316	-.4208	.5862	.9086				
.8017	-.3395	.6000	.8747				
.8519	-.2403	.6344	.8338				
.9012	-.1354	.6619	.7915				
.9518	-.0064	.6956	.7395				
1.0000	.1351	.7334	.6808				

TABLE II.- Continued.

TEST 118 RUN 57 POINT 6 GRIT ***OFF***
 PT = 5.2899 TT = 140.3 M,INF = .7319 RC*E06 = 29.93 ALPHA = 2.24
 CN = .5045 CM.25 = -.1056

CD2 CD1 CD3 CD4 CD5
 .01212 .01190(-.00021)01156(-.00036) .01160(-.00052)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01156 .01137(-.00019)01119(-.00037) .01134(-.00022)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0883	.9858	.1428	0.0000	1.0845	.9849	.1476
.0075	-.9611	.4460	1.1404	.0100	.7621	.9004	.3900
.0101	-1.1304	.4025	1.2200	.0177	.5401	.8417	.5023
.0164	-1.4078	.3281	1.3709	.0526	.0975	.7256	.6929
.0200	-1.5022	.3044	1.4244	.1023	-.1940	.6592	.7956
.0265	-1.5468	.2937	1.4494	.1527	-.2387	.6371	.8296
.0308	-1.5441	.2937	1.4495	.2020	-.3175	.6171	.8605
.0364	-1.5136	.3009	1.4325	.2770	-.4137	.5924	.8990
.0518	-1.4449	.3195	1.3901	.3757	-.3912	.5976	.8908
.0769	-1.3674	.3406	1.3439	.4507	-.2595	.6315	.8383
.1019	-1.2808	.3627	1.2980	.5257	-.0819	.6788	.7655
.1318	-.5885	.5452	.9737	.6007	.0773	.7211	.7000
.2019	-.3571	.6067	.8766	.6755	.2114	.7563	.6447
.2319	-.3972	.5967	.8922	.7173	.2704	.7716	.6202
.3018	-.4127	.5920	.8996	.8507	.3776	.7998	.5742
.4018	-.4545	.5802	.9180	.9010	.3820	.8067	.5726
.4519	-.4625	.5788	.9203	.9508	.3281	.8665	.5960
.5020	-.4501	.5826	.9140	1.0000	.1319	.7348	.6787
.5270	-.4558	.5813	.9163				
.5520	-.4513	.5822	.9149				
.5770	-.4574	.5808	.9172				
.6020	-.4642	.5785	.9207				
.6270	-.4680	.5775	.9223				
.6519	-.4656	.5776	.9219				
.6770	-.4705	.5783	.9210				
.7020	-.4618	.5801	.9183				
.7516	-.4212	.5905	.9019				
.8017	-.3398	.6117	.8690				
.8519	-.2420	.6376	.8289				
.9012	-.1373	.6649	.7869				
.9518	-.0100	.6991	.7342				
1.0000	.1312	.7358	.6770				

TEST 118 RUN 57 POINT 7 GRIT ***OFF***
 PT = 5.2898 TT = 140.0 M,INF = .7357 RC*E06 = 30.12 ALPHA = 2.47
 CN = .5482 CM.25 = -.1035

CD2 CD1 CD3 CD4 CD5
 .01345 .01331(-.00014)01308(-.00037) .01327(-.00018)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01276 .01266(-.00010)01251(-.00025) .01279(.00003)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0809	.9836	.1539	0.0000	1.0770	.9825	.1587
.0075	-.9827	.4374	1.1958	.0100	.7850	.9051	.3801
.0101	-1.1501	.3923	1.2395	.0177	.5657	.8467	.4934
.0164	-1.4248	.3206	1.3876	.0526	.1242	.7298	.6864
.0200	-1.4933	.2988	1.4374	.1023	-.1292	.6631	.7896
.0265	-1.5467	.2872	1.4653	.1527	-.2165	.6198	.8255
.0308	-1.5481	.2868	1.4661	.2020	-.2977	.6183	.8587
.0364	-1.5131	.2935	1.4499	.2770	-.3976	.5932	.8977
.0518	-1.4522	.3113	1.4086	.3757	-.3793	.5973	.8914
.0769	-1.3897	.3286	1.3699	.4507	-.2514	.6313	.8386
.1019	-1.3107	.3503	1.3233	.5257	-.0746	.6779	.7668
.1318	-1.1905	.3818	1.2600	.6007	.0836	.7193	.7078
.2019	-.4623	.5906	.9018	.6755	.2172	.7552	.6464
.2319	-.3605	.6030	.8825	.7173	.2754	.7703	.6223
.3018	-.3910	.5942	.8963	.8507	.3827	.7982	.5767
.4018	-.4544	.5776	.9221	.9010	.3857	.8002	.5735
.4519	-.4682	.5743	.9274	.9508	.3325	.8552	.5981
.5020	-.4555	.5765	.9239	1.0000	.1330	.7324	.6823
.5270	-.4616	.5757	.9252				
.5520	-.4558	.5767	.9235				
.5770	-.4624	.5741	.9277				
.6020	-.4702	.5742	.9276				
.6270	-.4735	.5717	.9315				
.6519	-.4712	.5724	.9302				
.6770	-.4760	.5731	.9293				
.7020	-.4639	.5763	.9243				
.7516	-.4238	.5872	.9072				
.8017	-.3411	.6080	.8747				
.8519	-.2415	.6340	.8344				
.9012	-.1370	.6619	.7915				
.9518	-.0084	.6962	.7386				
1.0000	.1329	.7337	.6803				

TABLE II.- Continued.

TEST 118 RUN 57 POINT 8 GRIT ***OFF***
 PT = 5.2914 TT = 140.3 M,INF = .7366 RC*E06 = 30.05 ALPHA = 3.00
 CN = .6307 CM.25 = -.1000

CD2 CD1 CD3 CD4 CD5
 .01723 .01726(.00002) 01760(.00037) .01800(.00077)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01631 .01642(.00012) 01674(.00043) .01716(.00086)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P	MLOC	X/C	CP	P/P	MLOC
0.0000	1.0528	.9762	.1855	0.0000	1.0502	.9754	.1890
.0075	-1.0696	.4130	1.1988	.0100	.8384	.9198	.3474
.0101	-1.2241	.3763	1.2708	.0177	.6262	.8632	.4631
.0164	-1.4852	.3055	1.4217	.0526	.1902	.7479	.6579
.0200	-1.5851	.2811	1.4601	.1023	-.0662	.6789	.7653
.0265	-1.6248	.2700	1.5080	.1527	-.1599	.6545	.8028
.0308	-1.6330	.2685	1.5120	.2020	-.2438	.6319	.8377
.0364	-1.6106	.2744	1.4969	.2770	-.3478	.6041	.8808
.0518	-1.5306	.2925	1.4523	.3757	-.3446	.6047	.8798
.0769	-1.4716	.3082	1.4155	.4507	-.2269	.6175	.8290
.1019	-1.3978	.3254	1.3768	.5257	-.0587	.6819	.7606
.1518	-1.3091	.3499	1.3244	.6007	.0960	.7220	.6986
.2019	-1.1648	.3875	1.2487	.6755	.2267	.7578	.6424
.2519	-.4903	.5662	.9401	.7173	.2861	.7721	.6194
.3018	-.3442	.6048	.8797	.8507	.3879	.8001	.5736
.4018	-.4233	.5855	.9097	.8912	.3912	.8012	.5718
.4519	-.4520	.5778	.9218	.9508	.3354	.7856	.5974
.5020	-.4490	.5774	.9225	1.0000	.1317	.7329	.6816
.5270	-.4605	.5760	.9246				
.5320	-.4563	.5748	.9266				
.5770	-.4651	.5743	.9274				
.6020	-.4724	.5728	.9298				
.6270	-.4734	.5706	.9332				
.6519	-.4744	.5727	.9299				
.6770	-.4804	.5702	.9338				
.7020	-.4692	.5734	.9289				
.7516	-.4279	.5844	.9114				
.8017	-.3410	.6053	.8788				
.8519	-.2417	.6331	.8358				
.9012	-.1368	.6595	.7951				
.9518	-.0092	.6950	.7405				
1.0000	.1310	.7321	.6829				

TEST 118 RUN 57 POINT 9 GRIT ***OFF***
 PT = 5.2910 TT = 140.2 M,INF = .7334 RC*E06 = 29.99 ALPHA = 3.49
 CN = .7044 CM.25 = -.0968

CD2 CD1 CD3 CD4 CD5
 .02188 .02180(-.00003) 02257(.00069) .02206(.00108)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02075 .02087(.00012) 02174(.00100) .02112(.00038)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P	MLOC	X/C	CP	P/P	MLOC
0.0000	1.0260	.9694	.2112	0.0000	1.0205	.9678	.2165
.0075	-1.1541	.3938	1.2366	.0100	.8818	.9315	.3199
.0101	-1.2941	.3577	1.3082	.0177	.6753	.8772	.4367
.0164	-1.5588	.2876	1.4641	.0526	.2439	.7631	.6339
.0200	-1.6504	.2670	1.5156	.1023	-.0140	.6951	.7402
.0265	-1.6921	.2534	1.5515	.1527	-.1089	.6710	.7775
.0308	-1.6967	.2516	1.5564	.2020	-.1988	.6458	.8163
.0364	-1.6882	.2571	1.5416	.2770	-.3041	.6198	.8564
.0518	-1.6110	.2751	1.4950	.3757	-.3102	.6185	.8594
.0769	-1.5530	.2892	1.4604	.4507	-.2034	.6441	.8189
.1019	-1.4867	.3068	1.4187	.5257	-.0446	.6875	.7520
.1518	-1.4059	.3297	1.3674	.6007	.1060	.7270	.6908
.2019	-1.3251	.3483	1.3276	.6755	.2331	.7623	.6351
.2519	-1.0464	.4246	1.1790	.7173	.2898	.7760	.6131
.3018	-.4540	.5807	.9173	.8507	.3896	.8034	.5681
.4018	-.3715	.5996	.8877	.8912	.3937	.8029	.5690
.4519	-.4166	.5895	.9035	.9508	.3355	.7872	.5944
.5020	-.4252	.5871	.9073	1.0000	.1263	.7330	.6815
.5270	-.4487	.5837	.9125				
.5320	-.4462	.5825	.9145				
.5770	-.4581	.5815	.9161				
.6020	-.4625	.5773	.9226				
.6270	-.4686	.5751	.9261				
.6519	-.4682	.5766	.9238				
.6770	-.4696	.5748	.9267				
.7020	-.4629	.5785	.9208				
.7516	-.4265	.5895	.9035				
.8017	-.3416	.6100	.8716				
.8519	-.2422	.6360	.8313				
.9012	-.1402	.6632	.7895				
.9518	-.0117	.6953	.7400				
1.0000	.1275	.7323	.6825				

OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 74 POINT 1 GRIT ***OFF***
 PT = 2.8576 TT = 93.9 M,INF = .7593 RC*E06 = 29.99 ALPHA = -.01
 CM = .1837 CM.25 = -.1126

CD2 CD1 CD3 CD4 CD5
 .00801 .00794(-.00007) .00802(-.00001) .00752(-.00048) .00715(-.00086)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00739 .00737(-.00002) .00742(-.00004) .00718(-.00021) .00696(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1674	1.0043	0.0000	0.0000	1.1666	1.0040	0.0000
.0075	-.4123	.5736	.9313	.0100	.4522	.8088	.5615
.0101	-.8049	.5212	1.0152	.0177	.2100	.7435	.6675
.0164	-.8762	.4475	1.1401	.0526	-.2300	.6225	.8549
.0200	-.9799	.4190	1.1915	.1023	-.4872	.5519	.9656
.0265	-.6715	.5012	1.0481	.1527	-.5452	.5356	.9918
.030E	-.9657	.4229	1.1844	.2020	-.6077	.5208	1.0159
.0364	-.5093	.5473	.9730	.2770	-.7605	.4768	1.0892
.0518	-.4410	.5662	.9429	.3757	-.9899	.5238	1.0109
.0769	-.3992	.5764	.9269	.4507	-.8707	.5834	.9159
.1019	-.3584	.5871	.9099	.5257	-.1591	.6406	.8271
.1518	-.3156	.5983	.8924	.6007	.0194	.6905	.7501
.2019	-.2811	.5097	.8747	.6755	.1667	.7286	.6909
.2519	-.2938	.6045	.8829	.7173	.2300	.7467	.6625
.3016	-.2994	.6033	.8848	.8507	.3502	.7750	.6097
.4018	-.3425	.5911	.9038	.9010	.3597	.7826	.6649
.4519	-.3611	.5852	.9130	.9508	.3143	.7693	.6262
.5020	-.3603	.5868	.9104	1.0000	.1418	.7233	.6992
.5270	-.3720	.5805	.9203				
.5520	-.3744	.5809	.9197				
.5770	-.3854	.5778	.9246				
.5020	-.4012	.5740	.9305				
.6270	-.4135	.5696	.9375				
.6519	-.4184	.5700	.9369				
.6770	-.4315	.5668	.9420				
.7020	-.4308	.5668	.9420				
.7516	-.4009	.5753	.9285				
.8017	-.3258	.5959	.8962				
.8519	-.2313	.6212	.8569				
.9012	-.1316	.6490	.8141				
.9516	-.0035	.6841	.7599				
1.0000	.1438	.7241	.6980				

TEST 118 RUN 74 POINT 2 GRIT ***OFF***
 PT = 2.8574 TT = 95.3 M,INF = .7544 RC*E06 = 29.20 ALPHA = 1.01
 CM = .3200 CM.25 = -.1112

CD2 CD1 CD3 CD4 CD5
 .00856 .00852(-.00004) .00852(-.00004) .00789(-.00067) .00766(-.00090)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00798 .00794(-.00003) .00796(-.00001) .00758(-.00040) .00745(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1488	.9990	.0377	0.0000	1.1475	.9985	.0462
.0075	-.5609	.5197	1.0176	.0100	.6012	.8495	.4904
.0101	-.8228	.4599	1.1183	.0177	.3686	.7864	.5985
.0164	-1.0928	.3862	1.2533	.0526	-.0742	.6653	.7889
.0200	-1.2025	.3571	1.3113	.1023	-.3293	.5956	.8967
.0265	-1.2163	.3532	1.3193	.1527	-.4030	.5747	.9293
.030E	-1.2175	.3520	1.3219	.2020	-.4815	.5529	.9639
.0364	-1.1996	.3579	1.3096	.2770	-.5965	.5227	1.0111
.0518	-1.1041	.3848	1.2560	.3757	-.5083	.5497	.9689
.0769	-.5913	.5241	1.0104	.4507	-.3304	.5983	.8923
.1019	-.4073	.5743	.9301	.5257	-.1256	.6551	.8044
.1518	-.3970	.5764	.9267	.6007	.0466	.7016	.7327
.2019	-.3601	.5861	.9114	.6755	.1886	.7409	.6715
.2519	-.3691	.5856	.9122	.7173	.2510	.7581	.6442
.3016	-.3664	.5883	.9080	.8507	.3650	.7892	.5939
.4018	-.4017	.5789	.9227	.9010	.3722	.7906	.5915
.4519	-.4117	.5778	.9244	.9508	.3218	.7774	.6130
.5020	-.4064	.5791	.9223	1.0000	.1382	.7279	.6918
.5270	-.4134	.5784	.9233				
.5520	-.4111	.5797	.9214				
.5770	-.4203	.5779	.9242				
.6020	-.4313	.5740	.9303				
.6270	-.4394	.5723	.9329				
.6519	-.4413	.5718	.9337				
.6770	-.4504	.5696	.9372				
.7020	-.4452	.5724	.9328				
.7516	-.4109	.5815	.9185				
.8017	-.3316	.6007	.8884				
.8519	-.2346	.6265	.8484				
.9012	-.1298	.6535	.8069				
.9516	-.0006	.6878	.7541				
1.0000	.1390	.7283	.6912				

TABLE II.- Continued.

P = 2.8576 TEST 118 RUN 74 POINT 3 GRIT ***OFF***
 CM = .4037 TT = 93.9 M,INF = .7588 RC*E06 = 29.97 ALPHA = 1.90

CD2 CD1 CD3 CD4 CD5
 .00934 .00427(-.00017) .04016(-.00023) .00881(-.00059) .00864(-.00075)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00883 .00874(-.00069) .00864(-.00013) .00839(-.00044) .00803(-.00080)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1336	.9449	.0880	0.0000	1.1294	.9937	.0952
.0075	-.6997	.4940	1.0802	.0100	.8679	.8676	.4370
.0101	-.9028	.4380	1.1371	.0177	.4391	.8043	.5690
.0164	-1.1714	.3651	1.2953	.0526	-.0026	.6841	.7600
.0200	-1.2588	.3383	1.3908	.1023	-.2569	.6134	.8690
.0265	-1.3043	.3287	1.3715	.1527	-.3363	.5928	.9011
.0308	-1.3037	.3283	1.3722	.2020	-.4197	.5706	.9359
.0364	-1.2771	.3333	1.3615	.2770	-.5301	.5399	.9848
.0518	-1.2002	.3551	1.3156	.3757	-.4738	.5554	.9600
.0769	-1.1117	.3809	1.2639	.4507	-.3075	.6012	.8880
.1019	-1.0128	.4062	1.2154	.5257	-.1077	.6558	.8036
.1518	-.3552	.5877	.9091	.6007	.0624	.7022	.6719
.2019	-.3559	.5880	.9086	.6755	.2020	.7408	.6466
.2519	-.3821	.5804	.9205	.7173	.2649	.7567	.5969
.3018	-.3886	.5787	.9231	.8507	.3757	.7875	.5939
.4618	-.4296	.5678	.9403	.9010	.4817	.7893	.6167
.4519	-.4399	.5650	.9447	.9508	.5310	.7753	.6994
.5020	-.4294	.5692	.9382	1.0000	.6220	.7232	
.5270	-.4381	.5661	.9431		.7173		
.5520	-.4336	.5653	.9442		.8507		
.5770	-.4447	.5630	.9479		.9010		
.6020	-.4554	.5605	.9519		.9508		
.6270	-.4627	.5583	.9553				
.6519	-.4623	.5579	.9561				
.6770	-.4724	.5548	.9609				
.7020	-.4669	.5577	.9564				
.7516	-.4230	.5696	.9375				
.8017	-.3368	.5924	.9017				
.8519	-.2353	.6214	.8566				
.9012	-.1278	.6504	.8119				
.9518	.0018	.6851	.7584				
1.0000	.1430	.7234	.6991				

PT = 2.9580 TEST 118 RUN 74 POINT 4 GRIT ***OFF***
 CM = .4329 TT = 94.5 M,INF = .7520 RC*E06 = 29.53 ALPHA = 1.75

CD2 CD1 CD3 CD4 CD5
 .01025 .01000(-.00016) .01000(-.00025) .00961(-.00063) .00806(-.00219)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00963 .00959(-.00010) .00946(-.00022) .00911(-.00057) .00760(-.00208)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1208	.9917	.1093	0.0000	1.1174	.9910	.1144
.0075	-.7700	.4787	1.0861	.0100	.8996	.8778	.4375
.0101	-.9618	.4266	1.1772	.0177	.4744	.8169	.5477
.0164	-1.2290	.3528	1.3203	.0526	-.0341	.6971	.7398
.0200	-1.3310	.3275	1.3741	.1023	-.2208	.6284	.8457
.0265	-1.3703	.3164	1.3985	.1527	-.3001	.6069	.8790
.0308	-1.3610	.3183	1.3943	.2020	-.3825	.5851	.9130
.0364	-1.3465	.3233	1.3833	.2770	-.4873	.5573	.9570
.0518	-1.2736	.3432	1.3403	.3757	-.4449	.5676	.9405
.0769	-1.1840	.3657	1.2919	.4507	-.2893	.6107	.8731
.1019	-1.1048	.3886	1.2462	.5257	-.0975	.6617	.7943
.1518	-.3893	.5828	.9167	.6007	.0676	.7073	.7240
.2019	-.3458	.5991	.8975	.6755	.2046	.7444	.6660
.2519	-.3837	.5853	.9127	.7173	.2671	.7615	.6389
.3018	-.3924	.5819	.9181	.8507	.3766	.7911	.5909
.4618	-.4360	.5710	.9352	.9010	.4828	.7924	.5887
.4519	-.4440	.5677	.9404	.9508	.5302	.7788	.6110
.5020	-.4336	.5718	.9340	1.0000	.6220	.7278	.6922
.5270	-.4421	.5687	.9369		.7173		
.5520	-.4394	.5705	.9360		.8507		
.5770	-.4449	.5691	.9382		.9010		
.6020	-.4547	.5658	.9435		.9508		
.6270	-.4601	.5654	.9441				
.6519	-.4694	.5664	.9425				
.6770	-.4674	.5626	.9489				
.7020	-.4604	.5654	.9441				
.7516	-.4184	.5775	.9250				
.8017	-.3343	.5995	.8905				
.8519	-.2351	.6267	.8483				
.9012	-.1294	.6534	.8041				
.9518	-.0003	.6893	.7520				
1.0000	.1413	.7273	.6930				

TABLE II.- Continued.

TEST 118 RUN 74 POINT 5 GRIT ***OFF***
 PT = 2.8578 TT = 95.1 M.INF = .7622 RC*E06 = 29.48 ALPHA = 2.03
 CN = .4771 CM.25 = -.1067

CD2 CD1 CD3 CD4 CD5
 .01141 .01135(-.00006) .01142(-.00001) .01127(-.00014) .01128(-.00014)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .01066 .01069(.00003) .01072(.00006) .01069(.00003) .01068(.00001)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
.0000	1.1189	.9902	.1195	0.0000	1.1169	.9898	.1213
.0075	-.7860	.4667	1.1064	.0100	.7285	.8824	.4283
.0101	-.0941	.4184	1.1925	.0177	.9045	.8205	.5415
.0184	-1.2272	.3433	1.3401	.0526	.0676	.7001	.7852
.0206	-1.3134	.3185	1.3937	.1023	-.1913	.6295	.8439
.0265	-1.3953	.3076	1.4184	.1927	-.2766	.5619	.8927
.0308	-1.3923	.3086	1.4162	.2020	-.3618	.5045	.9175
.0364	-1.3265	.3149	1.4018	.2770	-.4719	.3526	.9643
.0518	-1.2676	.3314	1.3655	.3757	-.4376	.2807	.9995
.0769	-1.1956	.3516	1.3227	.4907	-.2807	.2000	.8022
.1019	-1.1312	.3708	1.2837	.5257	-.0891	.7034	.7300
.1516	-1.0320	.3958	1.2348	.6007	.0774	.7413	.6709
.2019	-.3510	.5852	.9128	.6755	.2132	.7582	.4440
.2519	-.3317	.5912	.9034	.7173	.2790	.7886	.5950
.3018	-.3654	.5818	.9181	.8507	.3842	.7900	.7926
.4018	-.4374	.5615	.9502	.9508	.3364	.7749	.6173
.4519	-.4556	.5554	.9599	1.0000	.1438	.7224	.7005
.5020	-.4456	.5544	.9535				
.5270	-.4531	.5572	.9571				
.5520	-.4494	.5589	.9543				
.5770	-.4566	.5576	.9564				
.6020	-.4677	.5546	.9612				
.6270	-.4736	.5519	.9655				
.6519	-.4718	.5532	.9634				
.6770	-.4827	.5496	.9692				
.7020	-.4707	.5528	.9640				
.7516	-.4243	.5652	.9442				
.8017	-.3350	.5923	.9016				
.8519	-.2170	.6226	.8546				
.9012	-.1269	.6482	.8151				
.9518	.0034	.6841	.7599				
1.0000	.1443	.7221	.7009				

TEST 118 RUN 74 POINT 6 GRIT ***OFF***
 PT = 2.8572 TT = 94.8 M.INF = .7569 RC*E06 = 29.48 ALPHA = 2.22
 CN = .5051 CM.25 = -.1055

CD2 CD1 CD3 CD4 CD5
 .01294 .01252(-.00002) .01294(-.00000) .01261(-.00007) .01261(-.00007)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .01181 .01186(.00004) .01186(.00004) .01194(.00013) .01188(.00006)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
.0000	1.1104	.9873	.1356	0.0000	1.1018	.9862	.1415
.0075	-.8512	.4529	1.1326	.0100	.7578	.8921	.4090
.0101	-1.0115	.4067	1.2143	.0177	.9343	.8316	.5223
.0184	-1.2840	.3533	1.3614	.0526	.0976	.7122	.7164
.0206	-1.3796	.3106	1.4116	.1023	-.1600	.6403	.8271
.0265	-1.4151	.2978	1.4412	.1927	-.2469	.6166	.8640
.0308	-1.4012	.2993	1.4364	.2020	-.3392	.5957	.8945
.0364	-1.3973	.3038	1.4227	.2770	-.4443	.5612	.9308
.0518	-1.3340	.3221	1.3859	.3757	-.4160	.5706	.9359
.0769	-1.2623	.3410	1.3449	.4507	-.2684	.6104	.8735
.1019	-1.1845	.3599	1.3055	.5257	-.0817	.6631	.7923
.1516	-1.0972	.3837	1.2583	.6007	.0625	.7014	.7240
.2019	-.4991	.5619	.9495	.6755	.2183	.7437	.6671
.2519	-.3175	.5960	.9960	.7173	.2782	.7604	.6406
.3018	-.3467	.5890	.9969	.8507	.3844	.7907	.5915
.4018	-.4330	.5632	.9444	.9010	.3900	.7916	.5901
.4519	-.4565	.5607	.9515	.9508	.3372	.7768	.6142
.5020	-.4477	.5624	.9489	1.0000	.1424	.7238	.6983
.5270	-.4543	.5594	.9536				
.5520	-.4506	.5604	.9514				
.5770	-.4602	.5604	.9521				
.6020	-.4650	.5568	.9578				
.6270	-.4726	.5553	.9601				
.6519	-.4729	.5556	.9596				
.6770	-.4799	.5520	.9634				
.7020	-.4694	.5575	.9567				
.7516	-.4253	.5692	.9381				
.8017	-.3361	.5936	.9006				
.8519	-.2330	.6204	.8581				
.9012	-.1284	.6510	.8109				
.9518	.0020	.6864	.7563				
1.0000	.1436	.7233	.6996				

OF POOR QUALITY

TABLE II.- Continued.

PT = 2.8566 TT = 94.2 RUN = 74 POINT 7 GRIT ***OFF***
 CM = .5550 CM.25 = -.1036 M.INF = .7611 RC*E06 = 29.86 ALPHA = 2.46

CD2 CD1 CD3 C CDS
 .01385 .01382(-.00003) .01395(.00010) .01425(.00040) .01425(.00040)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01307 .01307(-.00000) .01323(.00016) .01353(.00046) .01238(-.00069)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
.0000	1.0901	.9844	.1509	0.0000	1.0928	.9837	.1338
.0075	-.8917	.4415	1.1506	.0100	.7819	.8079	.3969
.0101	-1.0611	.3953	1.2357	.0177	.5633	.8383	.5104
.0164	-1.3096	.3247	1.3800	.0526	.1273	.7182	.7071
.0200	-1.3898	.3019	1.4316	.1023	-.1299	.6480	.8156
.0265	-1.4305	.2904	1.4589	.1527	-.2199	.6217	.8562
.0308	-1.4448	.2905	1.4585	.2020	-.3084	.5991	.8912
.0364	-1.4126	.2956	1.4464	.2770	-.4183	.5665	.9223
.0518	-1.3520	.3134	1.4032	.3757	-.4003	.5723	.9332
.0769	-1.2820	.3302	1.3682	.4507	-.2566	.6120	.8711
.1019	-1.2204	.3488	1.3285	.5257	-.0730	.6627	.7929
.1518	-1.1351	.3697	1.2858	.6007	.0897	.7038	.7263
.2019	-1.0393	.3987	1.2295	.6755	.2244	.7443	.6662
.2519	-.4434	.5596	.9533	.7173	.2843	.7803	.6408
.3018	-.3104	.5971	.8943	.8507	.3920	.7891	.5943
.4018	-.4678	.5704	.9362	.9010	.3953	.7903	.5923
.4516	-.4418	.5613	.9506	.9508	.3408	.7760	.6153
.5020	-.4407	.5593	.9539	1.0000	.1437	.7212	.7025
.5270	-.4540	.5577	.9563				
.5520	-.4506	.5578	.9562				
.5770	-.4572	.5543	.9617				
.6020	-.4678	.5520	.9655				
.6270	-.4784	.5505	.9679				
.6519	-.4725	.5512	.9667				
.6770	-.4819	.5488	.9706				
.7020	-.4735	.5524	.9649				
.7516	-.4259	.5653	.9443				
.8017	-.3361	.5892	.9067				
.8519	-.2337	.6182	.8616				
.9012	-.1254	.6478	.8158				
.9518	-.0041	.6843	.7597				
1.0000	.1436	.7212	.7025				

PT = 2.8570 TT = 94.8 RUN = 74 POINT 8 GRIT ***OFF***
 CM = .6243 CM.25 = -.11005 M.INF = .7552 RC*E06 = 29.44 ALPHA = 2.96

CD2 CD1 CD3 CD4 CDS
 .01753 .01735(-.00018) .01762(.00039) .01829(.00076) .01796(.00043)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01638 .01653(-.00015) .01677(.00039) .01568(-.00070) .01600(-.00038)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0726	.9783	.1781	0.0000	1.0649	.9765	.1896
.0075	-.9803	.4197	1.1902	.0100	.8313	.9130	.3644
.0164	-1.1324	.3763	1.2727	.0177	.6180	.8554	.4797
.0200	-1.3752	.3098	1.4133	.0526	.1875	.7374	.6770
.0265	-1.4736	.2880	1.4646	.1023	-.0713	.6654	.7887
.0308	-1.5153	.2748	1.4969	.1527	-.1650	.6416	.8253
.0364	-1.5076	.2730	1.4994	.2020	-.2539	.6107	.8591
.0518	-1.4439	.2955	1.4838	.2770	-.3612	.5897	.9027
.0769	-1.3770	.3113	1.4466	.3757	-.3521	.5920	.9027
.1019	-1.3072	.3275	1.4101	.4507	-.2302	.6249	.8311
.1518	-1.2372	.3496	1.3740	.5257	-.0558	.6729	.7771
.2019	-1.1794	.3689	1.3267	.6007	.0982	.7155	.7112
.2519	-.8714	.4913	1.2874	.6755	.2318	.7513	.6551
.3018	-.3667	.5882	1.1333	.7173	.2884	.7839	.6318
.4018	-.3692	.5871	.9082	.8507	.3924	.7930	.5862
.4516	-.4151	.5755	.9098	.9010	.3956	.7943	.5856
.5020	-.4303	.5726	.9281	.9508	.3415	.7794	.6100
.5270	-.4403	.5693	.9327	1.0000	.1405	.7244	.6774
.5520	-.4400	.5679	.9379				
.5770	-.4516	.5679	.9401				
.6020	-.4600	.5646	.9454				
.6270	-.4677	.5614	.9504				
.6519	-.4681	.5590	.9542				
.6770	-.4747	.5586	.9549				
.7020	-.4688	.5560	.9590				
.7516	-.4227	.5596	.9533				
.8017	-.3332	.5732	.9317				
.8519	-.2335	.5952	.8972				
.9012	-.1253	.6229	.8548				
.9518	-.0001	.6511	.8107				
1.0000	.1404	.6872	.7551				

TABLE II.- Continued.

TEST 118 RUN 58 POINT 1 GRIT ***OFF***
 PT = 5.2070 TT = 140.3 M.INF = .7583 RC*E06 = 30.09 ALPHA = -.01
 CM = .1874 CM.25 = -.1144
 CD2 CD1 CD3 CD4 CD5
 .00808 .00795(-.00012)00785(-.00043) .00724(-.00083)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00751 .00750(-.00001)00729(-.00021) .00706(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1744	1.0063	0.0000	0.0000	1.1735	1.0062	0.0000
.0075	-.4009	.5735	.9206	.0100	.4534	.8084	.5575
.0101	-.5991	.5207	1.0134	.0177	.2143	.7429	.6398
.0164	-.8647	.4476	1.1376	.0526	-.2312	.6198	.5344
.0200	-.9803	.4147	1.1972	.1623	-.4894	.5491	.4575
.0265	-.8654	.5013	1.0454	.1527	-.5473	.5330	.4934
.0308	-.9645	.4206	1.1862	.2820	-.6078	.5164	.4150
.0364	-.5117	.5433	.9766	.2770	-.7576	.4753	.4035
.0518	-.4403	.5634	.9446	.3757	-.6155	.5143	.3825
.0760	-.4022	.5728	.9298	.4507	-.3717	.5815	.3575
.1019	-.3614	.5842	.9118	.5257	-.1513	.6419	.3275
.1518	-.3176	.5961	.8952	.6007	.0282	.6909	.2975
.2019	-.2838	.6054	.8787	.6755	.1743	.7319	.2675
.2519	-.2478	.6017	.8645	.7173	.2388	.7480	.2375
.3018	-.2035	.6001	.8870	.8507	.2582	.7819	.2075
.4018	-.1482	.5880	.9059	.9010	.2665	.7839	.1775
.4519	-.1046	.5833	.9133	.9508	.3197	.7724	.1475
.5020	-.0645	.5829	.9138	1.0000	.1463	.7237	.1175
.5270	-.3758	.5811	.9167				
.5520	-.3776	.5781	.9213				
.5770	-.3912	.5760	.9247				
.6020	-.4055	.5717	.9315				
.6270	-.4141	.5714	.9319				
.6519	-.4197	.5682	.9370				
.6770	-.4355	.5635	.9444				
.7020	-.4338	.5642	.9434				
.7516	-.4049	.5710	.9326				
.8017	-.3298	.5941	.8964				
.8519	-.2306	.6201	.8558				
.9012	-.1288	.6481	.8128				
.9518	.0003	.6826	.7596				
1.0000	.1477	.7239	.6957				

TEST 118 RUN 58 POINT 2 GRIT ***OFF***
 PT = 5.2041 TT = 140.2 M.INF = .7549 RC*E06 = 30.04 ALPHA = 1.00
 CM = .3374 CM.25 = -.1141
 CD2 CD1 CD3 CD4 CD5
 .00857 .00843(-.00014)00800(-.00056) .00779(-.00078)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00802 .00797(-.00005)00769(-.00033) .00758(-.00044)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1310	1.0002	0.0000	0.0000	1.1491	.9996	.0235
.0075	-.6214	.5161	1.0209	.0100	.6113	.8525	.4829
.0101	-.8296	.4590	1.1174	.0177	.3774	.7886	.5925
.0164	-.1.1050	.3844	1.2546	.0526	-.0702	.6668	.7840
.0200	-.1.2243	.3919	1.3201	.1623	-.3249	.5977	.8907
.0265	-.1.2325	.3484	1.3275	.1527	-.3980	.5773	.9227
.0308	-.1.2320	.3491	1.3260	.2820	-.4767	.5551	.9578
.0364	-.1.2150	.3545	1.3148	.2770	-.5930	.5236	1.0096
.0518	-.1.1177	.3800	1.2634	.3757	-.5076	.5457	.9728
.0760	-.7167	.4902	1.0639	.4567	-.3306	.5947	.8954
.1019	-.4121	.5739	.9280	.5257	-.1211	.6320	.8066
.1518	-.4029	.5760	.9248	.6007	.0328	.6998	.7331
.2019	-.3681	.5848	.9109	.6755	.1958	.7395	.6713
.2519	-.3781	.5818	.9156	.7173	.2377	.7360	.6431
.3018	-.3762	.5817	.9157	.8507	.3725	.7870	.5952
.4018	-.4142	.5718	.9312	.9010	.3788	.7867	.5824
.4519	-.4264	.5685	.9365	.9508	.3288	.7754	.6141
.5020	-.4186	.5708	.9328	1.0000	.1430	.7242	.6952
.5270	-.4268	.5695	.9349				
.5520	-.4252	.5694	.9351				
.5770	-.4349	.5661	.9403				
.6020	-.4480	.5625	.9461				
.6270	-.4562	.5608	.9487				
.6519	-.4577	.5598	.9503				
.6770	-.4681	.5573	.9543				
.7020	-.4626	.5596	.9506				
.7516	-.4223	.5700	.9342				
.8017	-.3367	.5938	.8968				
.8519	-.2359	.6207	.8549				
.9012	-.1294	.6502	.8095				
.9518	-.0006	.6854	.7553				
1.0000	.1437	.7246	.6945				

TABLE II.- Continued.

ORIGINAL COPY
OF POOR QUALITY

PT = 5.2033 TEST 118 RUN 58 POINT 3 BRIT ***OFF***
 CM = .4164 TT = 140.2 M:INF = .7344 RC:EQ6 = 30.00 ALPHA = 1.50
 CH.25 = -.1111
 CD2 CD1 CD3 CD4 CD5
 .00964 .00947(-.00017)00908(-.00056) .00897(-.00068)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00904 .00896(-.00008)00867(-.00037) .00859(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1339	.9961	.0750	0.0000	1.1327	.9952	.0820
.0075	-.7203	.4896	1.0650	.0100	.6793	.8702	.1501
.0101	-.9087	.4374	1.1957	.0177	.4484	.8084	.3598
.0164	-1.1900	.3613	1.3000	.0526	.0016	.6863	.7529
.0200	-1.2862	.3335	1.3592	.1023	-.2530	.6166	.8613
.0265	-1.3208	.3249	1.3779	.1527	-.3339	.5951	.8948
.0308	-1.3230	.3242	1.3794	.2020	-.4149	.5723	.9305
.0364	-1.3000	.3297	1.3674	.2770	-.5230	.5440	.9756
.0518	-1.2254	.3514	1.3212	.3737	-.4689	.5370	.9548
.0769	-1.1370	.3754	1.2725	.4507	-.3068	.6024	.8934
.1019	-1.0449	.4003	1.2242	.5237	-.1047	.6569	.7992
.1518	-.3602	.3862	.9086	.6007	.0658	.7032	.6877
.2019	-.3570	.3881	.9057	.6735	.2059	.7416	.6680
.2519	-.3918	.3798	.9188	.7173	.2675	.7587	.6412
.3018	-.3974	.3765	.9238	.8507	.3790	.7892	.5915
.4018	-.4397	.3661	.9403	.9010	.3850	.7912	.5823
.4519	-.4503	.3624	.9462	.9508	.3330	.7766	.6122
.5020	-.4401	.3649	.9423	1.0000	.1417	.7245	.6947
.5270	-.4463	.3632	.9450				
.5520	-.4445	.3639	.9439				
.5770	-.4526	.3621	.9467				
.6020	-.4643	.3596	.9507				
.6270	-.4699	.3571	.9546				
.6519	-.4714	.3571	.9546				
.6770	-.4801	.3551	.9578				
.7020	-.4718	.3554	.9542				
.7516	-.4276	.3698	.9345				
.8017	-.3395	.3933	.8975				
.8519	-.2373	.6208	.8548				
.9012	-.1298	.6503	.8092				
.9518	.0003	.6867	.7532				
1.0000	.1421	.7249	.6941				

PT = 5.2030 TEST 118 RUN 58 POINT 4 BRIT ***OFF***
 CM = .4463 TT = 140.1 M:INF = .7562 RC:EQ6 = 30.07 ALPHA = 1.74
 CH.25 = -.1103
 CD2 CD1 CD3 CD4 CD5
 .01019 .01008(-.00011)00983(-.00034) .00988(-.00031)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00961 .00953(-.00006)00940(-.00020) .00912(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1290	.9939	.0936	0.0000	1.1252	.9931	.0996
.0075	-.7674	.4760	1.0880	.0100	.7037	.8779	.4361
.0101	-.9341	.4280	1.1728	.0177	.4768	.8156	.5476
.0164	-1.2212	.3497	1.3248	.0526	.0355	.6934	.7429
.0200	-1.3151	.3241	1.3798	.1023	-.2220	.6245	.8491
.0265	-1.3492	.3153	1.3995	.1527	-.3053	.6003	.8866
.0308	-1.3439	.3156	1.3987	.2020	-.3876	.5786	.9206
.0364	-1.3280	.3203	1.3877	.2770	-.4982	.5483	.9687
.0518	-1.2553	.3402	1.3448	.3737	-.4336	.5613	.9479
.0769	-1.1754	.3619	1.2995	.4507	-.2982	.6039	.8810
.1019	-1.1033	.3829	1.2576	.5237	-.0972	.6578	.7977
.1518	-.3946	.3210	1.0130	.6007	.0713	.7046	.7256
.2019	-.3269	.3952	.8945	.6735	.2099	.7424	.6867
.2519	-.3703	.3833	.9132	.7173	.2715	.7390	.6404
.3018	-.3951	.3773	.9226	.8507	.3822	.7892	.5916
.4018	-.4469	.3627	.9458	.9010	.3873	.7905	.5895
.4519	-.4594	.3585	.9524	.9508	.3345	.7761	.6124
.5020	-.4487	.3623	.9463	1.0000	.1421	.7238	.6959
.5270	-.4551	.3603	.9495				
.5520	-.4523	.3606	.9490				
.5770	-.4601	.3583	.9527				
.6020	-.4718	.3548	.9582				
.6270	-.4781	.3535	.9604				
.6519	-.4773	.3542	.9593				
.6770	-.4841	.3535	.9603				
.7020	-.4753	.3560	.9564				
.7516	-.4306	.3676	.9380				
.8017	-.3404	.3918	.8999				
.8519	-.2384	.6193	.8571				
.9012	-.1383	.6494	.8107				
.9518	.0007	.6849	.7560				
1.0000	.1421	.7246	.6966				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

PT = 5.2044 TEST 118 RUN 30 POINT 5 GRIT *****
 CM = .4888 TT = 139.7 M.INF = .7583 RC*E06 = 30.26 ALPHA = 2.01
 CM.25 = -.1025

CD2 CD1 CD3 CD4 CD5
 .01143 .01143(-.00003)01137(-.00006) .01142(-.00001)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01065 .01071(.00006)01077(.00012) .01067(.00001)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1204	.9913	.1116	0.0000	1.1183	.9908	.1147
.0075	-.8094	.4518	1.1126	.0100	.7346	.8851	.4211
.0101	-.9637	.4176	1.1918	.0177	.3106	.8221	.3365
.0164	-1.2534	.3391	1.3471	.0326	.0664	.7003	.7322
.0200	-1.3302	.3146	1.4009	.1023	-.1903	.6299	.8408
.0265	-1.5730	.3055	1.4219	.1527	-.2771	.6967	.8767
.0308	-1.3686	.3062	1.4203	.2020	-.3604	.7836	.9127
.0364	-1.3377	.3125	1.4057	.2770	-.4731	.8924	.9458
.0518	-1.2724	.3289	1.3691	.3757	-.4372	.9627	.9621
.0769	-1.2108	.3481	1.3282	.4987	-.2896	.6052	.8791
.1019	-1.1427	.3674	1.2889	.5257	-.0892	.6387	.7965
.1318	-1.0574	.3920	1.2400	.6007	.0774	.7049	.7252
.2019	-.4865	.5709	.9227	.6755	.2161	.7626	.6664
.2519	-.3274	.5925	.8988	.7173	.2762	.7354	.6397
.3018	-.3657	.5823	.9148	.8307	.3862	.7896	.5910
.4018	-.4474	.5607	.9489	.9810	.3911	.7910	.5887
.4519	-.4655	.5532	.9577	.9308	.3372	.7760	.6131
.5020	-.4570	.5582	.9530	1.0000	.1417	.7231	.6908
.5270	-.4627	.5559	.9566				
.5520	-.4605	.5570	.9547				
.5770	-.4688	.5547	.9585				
.6020	-.4790	.5519	.9629				
.6270	-.4857	.5498	.9663				
.6519	-.4834	.5518	.9632				
.6770	-.4901	.5478	.9695				
.7020	-.4791	.5534	.9605				
.7516	-.4330	.5644	.9431				
.8017	-.3420	.5896	.9034				
.8519	-.2386	.6185	.8584				
.9012	-.1297	.6480	.8129				
.9518	.0019	.6834	.7583				
1.0000	.1425	.7220	.6987				

PT = 5.2048 TEST 118 RUN 30 POINT 6 GRIT *****
 CM = .5213 TT = 140.2 M.INF = .7526 RC*E06 = 29.96 ALPHA = 2.23
 CM.25 = -.1065

CD2 CD1 CD3 CD4 CD5
 .01251 .01253(-.00002)01255(-.00004) .01270(-.00019)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01179 .01183(-.00004)01195(-.00017) .01183(-.00025)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1044	.9877	.1332	0.0000	1.1020	.9874	.1345
.0075	-.8740	.4506	1.1322	.0100	.7601	.8941	.4030
.0101	-1.0301	.4049	1.2155	.0177	.3298	.8333	.3270
.0164	-1.3467	.2660	1.3184	.0326	.0974	.7125	.7133
.0200	-1.3944	.3061	1.4204	.1023	-.1384	.6432	.8202
.0265	-1.4393	.2959	1.4442	.1527	-.2468	.6186	.8593
.0308	-1.4277	.2963	1.4432	.2020	-.3329	.5980	.8903
.0364	-1.4080	.3024	1.4290	.2770	-.4376	.5671	.9388
.0518	-1.3441	.3191	1.3908	.3757	-.4129	.5717	.9283
.0769	-1.2765	.3375	1.3507	.4987	-.2708	.6120	.8645
.1019	-1.2073	.3572	1.3092	.5257	-.0611	.6436	.7889
.1318	-1.1195	.3803	1.2627	.6007	.0829	.7088	.7101
.2019	-.3296	.5446	.9746	.6755	.2191	.7463	.6444
.2519	-.3288	.5468	.9722	.7173	.2765	.7622	.6353
.3018	-.3538	.5399	.9829	.8307	.3877	.7919	.5872
.4018	-.4522	.5625	.9461	.9810	.3908	.7932	.5851
.4519	-.4620	.5595	.9508	.9308	.3370	.7784	.6092
.5020	-.4556	.5619	.9470	1.0000	.1395	.7256	.6931
.5270	-.4637	.5601	.9498				
.5520	-.4602	.5606	.9490				
.5770	-.4666	.5593	.9511				
.6020	-.4782	.5564	.9558				
.6270	-.4830	.5549	.9581				
.6519	-.4803	.5571	.9547				
.6770	-.4871	.5537	.9601				
.7020	-.4755	.5598	.9503				
.7516	-.4319	.5708	.9328				
.8017	-.3424	.5947	.8953				
.8519	-.2394	.6221	.8527				
.9012	-.1325	.6519	.8069				
.9518	-.0008	.6870	.7529				
1.0000	.1408	.7249	.6942				

ORIGINAL COPY OF
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 59 POINT 7 GRIT **DF** ALPHA = 2.51
 PT = 5.2033 TT = 140.2 M,INF = .7580 RC*E06 = 30.09
 CN = .5696 CM.25 = -.1048

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1018	.9864	.1402	0.0000	1.0980	.9848	.1478
.0075	-.8728	.4412	1.1489	.0100	.7864	.8991	.3926
.0101	-1.0510	.3955	1.2334	.0177	.5686	.8398	.5058
.0164	-1.3138	.3237	1.3806	.0226	.1298	.7190	.7032
.0200	-1.3926	.3001	1.4342	.1023	-.1275	.6476	.8135
.0265	-1.4322	.2880	1.4631	.1327	-.2190	.6231	.8513
.0308	-1.4411	.2884	1.4623	.2020	-.3060	.5979	.8903
.0364	-1.4160	.2937	1.4495	.2777	-.4133	.5690	.9356
.0518	-1.3591	.3102	1.4110	.3777	-.4006	.5731	.9293
.0769	-1.3010	.3259	1.3759	.4507	-.2594	.6118	.8687
.1019	-1.2288	.3444	1.3359	.5257	-.0724	.6628	.7901
.1518	-1.1547	.3659	1.2916	.6007	.0964	.7070	.7219
.2019	-1.0816	.3842	1.2552	.6755	.2256	.7447	.6630
.2519	-.9732	.4250	1.0064	.7173	.2840	.7617	.6360
.3018	-.8292	.4927	.8964	.8507	.3911	.7905	.5895
.4018	-.6968	.5740	.9278	.9010	.3956	.7930	.5834
.4519	-.4334	.9634	.9446	.9508	.3406	.7773	.6107
.5020	-.4416	.5603	.9496	1.0000	.1417	.7227	.6975
.5270	-.4555	.5571	.9546				
.5520	-.4578	.5580	.9531				
.5770	-.4667	.5544	.9589				
.6020	-.4802	.5531	.9611				
.6270	-.4860	.5507	.9648				
.6519	-.4853	.5506	.9651				
.6770	-.4928	.5482	.9689				
.7020	-.4813	.5493	.9670				
.7516	-.4322	.5631	.9451				
.8017	-.3431	.5913	.9007				
.8519	-.2379	.6181	.8590				
.9012	-.1303	.6480	.8128				
.9518	-.0016	.6824	.7595				
1.0000	.1430	.7228	.6973				

TEST 118 RUN 59 POINT 8 GRIT **DF** ALPHA = 3.01
 PT = 5.2027 TT = 141.8 M,INF = .7524 RC*E06 = 29.46
 CN = .6584 CM.25 = -.1017

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0704	.9783	.1774	0.0000	1.0685	.9780	.1784
.0075	-.9889	.4185	1.1901	.0100	.8349	.9137	.3613
.0101	-1.1467	.3752	1.2726	.0177	.6245	.8560	.4764
.0164	-1.3861	.3083	1.4152	.0526	.1892	.7385	.6727
.0200	-1.4692	.2842	1.4723	.1023	-.0696	.6679	.7821
.0265	-1.5116	.2720	1.5023	.1527	-.1688	.6409	.8237
.0308	-1.5305	.2709	1.5056	.2020	-.2512	.6185	.8583
.0364	-1.4977	.2764	1.4916	.2770	-.3649	.5886	.9048
.0518	-1.4332	.2931	1.4508	.3757	-.3564	.5893	.9037
.0769	-1.3934	.3076	1.4168	.4507	-.2316	.6229	.8515
.1019	-1.3315	.3243	1.3792	.5257	-.0572	.6722	.7756
.1518	-1.2474	.3448	1.3349	.6007	.0996	.7131	.7123
.2019	-1.1894	.3630	1.2974	.6755	.2330	.7498	.6549
.2519	-1.1166	.3844	1.2547	.7173	.2905	.7666	.6281
.3018	-.9565	.4976	1.0349	.8507	.3940	.7957	.5808
.4018	-.8434	.5924	.8989	.9010	.3986	.7954	.5813
.4519	-.6959	.5802	.9181	.9508	.3420	.7796	.6072
.5020	-.4084	.5744	.9271	1.0000	.1371	.7253	.6933
.5270	-.4265	.5699	.9343				
.5520	-.4374	.5688	.9359				
.5770	-.4541	.5661	.9403				
.6020	-.4629	.5608	.9486				
.6270	-.4699	.5581	.9529				
.6519	-.4747	.5593	.9511				
.6770	-.4803	.5565	.9554				
.7020	-.4705	.5562	.9560				
.7516	-.4266	.5702	.9387				
.8017	-.3417	.5931	.8977				
.8519	-.2383	.6219	.8530				
.9012	-.1304	.6511	.8080				
.9518	-.0016	.6860	.7543				
1.0000	.1374	.7246	.6945				

ORDER OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 54 POINT 1 GRIT ***OFF***
 PT = 4.2022 TT = 119.3 M,INF = .7765 RC*E06 = 31.26 ALPHA = 1.05
 CN = .3220 CM.25 = -.1134

CD2 CD1 CD3 CD4 CD5
 .00867 .00852(-.00015) .00893(-.00013) .00820(-.00046) .00789(-.00078)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00815 .00804(-.00011) .00804(-.00012) .00779(-.00036) .00756(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1648	1.0014	0.0000	0.0000	1.1630	1.0010	0.0000
.0075	-.5444	.3194	1.0165	.0100	.6113	.8454	.4966
.0101	-.7548	.4603	1.1161	.0177	.3747	.7788	.6096
.0164	-1.0133	.3865	1.2516	.0526	-.0665	.6551	.8030
.0200	-1.1247	.3545	1.3157	.1073	-.3268	.5823	.9158
.0265	-1.1485	.3490	1.3270	.1527	-.4062	.5594	.9521
.0308	-1.1461	.3500	1.3249	.2020	-.4884	.5364	.9889
.0364	-1.1262	.3540	1.3166	.2770	-.6519	.4897	1.0659
.0518	-1.0469	.3780	1.2683	.3757	-.7835	.3072	1.0366
.0769	-.9353	.4106	1.2057	.4507	-.8396	.3774	.9237
.1019	-.4542	.3465	.9727	.5257	-.1233	.6381	.8292
.1518	-.3621	.3718	.9324	.6007	.0523	.6880	.7524
.2019	-.3458	.3786	.9249	.6755	.1961	.7281	.6902
.2519	-.3632	.3710	.9337	.7173	.2589	.7460	.6620
.3018	-.3655	.3688	.9371	.8507	.3747	.7781	.6106
.4018	-.4102	.3575	.9552	.9010	.3817	.7799	.6078
.4519	-.4258	.3520	.9626	.9508	.3321	.7658	.6306
.5020	-.4181	.3554	.9585	1.0000	.1480	.7141	.7119
.5270	-.4260	.3526	.9630				
.5520	-.4270	.3526	.9629				
.5770	-.4388	.3483	.9698				
.6020	-.4538	.3437	.9772				
.6270	-.4642	.3405	.9823				
.6519	-.4653	.3408	.9818				
.6770	-.4826	.3356	.9902				
.7020	-.4783	.3363	.9891				
.7516	-.4282	.3524	.9648				
.8017	-.3347	.3768	.9246				
.8519	-.2306	.4070	.8773				
.9012	-.1231	.4376	.8300				
.9518	.0083	.4676	.7731				
1.0000	.1500	.3745	.7114				

TEST 118 RUN 54 POINT 2 GRIT ***OFF***
 PT = 4.0657 TT = 120.3 M,INF = .7743 RC*E06 = 29.86 ALPHA = .99
 CN = .3200 CM.25 = -.1133

CD2 CD1 CD3 CD4 CD5
 .00883 .00867(-.00016) .00870(-.00014) .00824(-.00059) .00798(-.00085)
 CDCDR2 CDCDR1 CDCDR3 CDCDR4 CDCDR5
 .00822 .00816(-.00006) .00814(-.00008) .00789(-.00042) .00770(-.00053)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1650	1.0017	0.0000	0.0000	1.1645	1.0015	0.0000
.0075	-.5444	.3199	1.0156	.0100	.6088	.8450	.4972
.0101	-.7612	.4601	1.1164	.0177	.3773	.7811	.6058
.0164	-1.0144	.3878	1.2489	.0526	-.0709	.6547	.8035
.0200	-1.1351	.3558	1.3128	.1023	-.3301	.5930	.9146
.0265	-1.1474	.3504	1.3240	.1527	-.4088	.5600	.9509
.0308	-1.1481	.3514	1.3220	.2020	-.4899	.5362	.9891
.0364	-1.1335	.3562	1.3119	.2770	-.6510	.4905	1.0644
.0518	-1.0498	.3808	1.2626	.3757	-.7940	.3188	1.0174
.0769	-.9152	.4175	1.1927	.4507	-.8370	.3786	.9215
.1019	-.4044	.3622	.9475	.5257	-.1211	.6403	.8256
.1518	-.3699	.3710	.9336	.6007	.0542	.6890	.7506
.2019	-.3453	.3769	.9243	.6755	.1978	.7298	.6874
.2519	-.3609	.3722	.9317	.7173	.2608	.7477	.6393
.3018	-.3624	.3726	.9310	.8507	.3758	.7797	.6080
.4018	-.4069	.3590	.9526	.9010	.3832	.7816	.6049
.4519	-.4189	.3566	.9563	.9508	.3327	.7675	.6277
.5020	-.4140	.3572	.9554	1.0000	.1501	.7164	.7082
.5270	-.4207	.3559	.9576				
.5520	-.4187	.3567	.9563				
.5770	-.4325	.3522	.9634				
.6020	-.4461	.3481	.9700				
.6270	-.4559	.3436	.9740				
.6519	-.4599	.3449	.9751				
.6770	-.4755	.3396	.9835				
.7020	-.4701	.3405	.9821				
.7516	-.4232	.3548	.9593				
.8017	-.3321	.3795	.9202				
.8519	-.2285	.4078	.8760				
.9012	-.1208	.4389	.8278				
.9518	.0097	.4664	.7702				
1.0000	.1522	.3764	.7052				

ORDER OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 34 POINT 3 GRIT ***OFF***
 PT = 4.0658 TT = 120.3 H,INF = .7756 RC*E06 = 29.86 ALPHA = 1.48
 CM = .3895 CM.25 = -.1123

CD2 CD1 CD3 CD4 CD5
 .00955 .00949(-.00006) .00952(-.00003) .00927(-.00028) .00918(-.00037)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00891 .00892(-.00001) .00889(-.00002) .00880(-.00011) .00866(-.00026)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1520	.9981	.0528	0.0000	1.1512	.9977	.0572
.0075	-.6225	.4977	1.0524	.0100	.6673	.8615	.4671
.0101	-.8237	.4411	1.1500	.0177	.4401	.7974	.5789
.0164	-1.0826	.3489	1.2861	.0526	-.0051	.6711	.7782
.0200	-1.1914	.3384	1.3493	.1023	-.2651	.5981	.8911
.0265	-1.2213	.3297	1.3685	.1527	-.3494	.5745	.9281
.0308	-1.2195	.3295	1.3685	.2020	-.4346	.5495	.9677
.0364	-1.2054	.3345	1.3578	.2770	-.5635	.5069	1.0369
.0518	-1.1287	.3555	1.3135	.3797	-.5128	.5270	1.0025
.0769	-1.0444	.3777	1.2687	.4587	-.3181	.5825	.9154
.1019	-.9724	.3985	1.2284	.5257	-.1098	.6422	.8228
.1518	-.4415	.5485	.9694	.6007	.0675	.6908	.7478
.2019	-.3019	.5870	.9084	.6755	.2094	.7306	.6861
.2519	-.3492	.5732	.9301	.7173	.2722	.7492	.6588
.3018	-.3726	.5675	.9391	.8507	.3840	.7814	.6092
.4018	-.4313	.5505	.9660	.9010	.3895	.7834	.6019
.4519	-.4486	.5453	.9744	.9508	.3588	.7688	.6256
.5020	-.4396	.5474	.9711	1.0000	.1503	.7149	.7106
.5270	-.4460	.5449	.9750				
.5520	-.4428	.5472	.9713				
.5770	-.4532	.5453	.9744				
.6020	-.4637	.5433	.9777				
.6270	-.4745	.5396	.9837				
.6519	-.4775	.5376	.9868				
.6770	-.4905	.5338	.9929				
.7020	-.4837	.5360	.9894				
.7516	-.4292	.5515	.9645				
.8017	-.3340	.5774	.9235				
.8519	-.2290	.6066	.8777				
.9012	-.1197	.6378	.8295				
.9518	.0118	.6759	.7709				
1.0000	.1522	.7154	.7099				

TEST 118 RUN 34 POINT 4 GRIT ***OFF***
 PT = 4.0657 TT = 120.1 H,INF = .7786 RC*E06 = 29.91 ALPHA = 1.75
 CM = .4407 CM.25 = -.1101

CD2 CD1 CD3 CD4 CD5
 .01023 .01025(-.00002) .01028(-.00005) .01015(-.00007) .01013(-.00010)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00958 .00968(-.00009) .00966(-.00008) .00969(-.00011) .00966(-.00008)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1446	.9960	.0761	0.0000	1.1439	.9955	.0801
.0075	-.6700	.4835	1.0763	.0100	.7001	.8710	.4492
.0101	-.8579	.4316	1.1670	.0177	.4747	.8081	.5612
.0164	-1.1282	.3563	1.3119	.0526	.0305	.6828	.7602
.0200	-1.2337	.3285	1.3706	.1023	-.2260	.6102	.8722
.0265	-1.2644	.3184	1.3929	.1527	-.3140	.5860	.9099
.0308	-1.2581	.3189	1.3914	.2020	-.4011	.5612	.9491
.0364	-1.2524	.3233	1.3821	.2770	-.5334	.5251	1.0071
.0518	-1.1815	.3430	1.3395	.3797	-.4780	.5400	.9830
.0769	-1.1056	.3634	1.2972	.4507	-.3044	.5866	.9059
.1019	-.9401	.4100	1.2587	.5257	-.0967	.6470	.8153
.1518	-.3089	.5871	1.2067	.6007	.0742	.6954	.7409
.2019	-.3259	.5834	.9082	.6755	.2133	.7349	.6795
.2519	-.3614	.5728	.9141	.7173	.2798	.7521	.6323
.3018	-.4357	.5517	.9308	.8507	.3875	.7835	.6018
.4018	-.4555	.5462	.9643	.9010	.3934	.7855	.5986
.4519	-.4466	.5490	.9731	.9508	.3415	.7705	.6228
.5020	-.4310	.5476	.9685	1.0000	.1494	.7154	.7099
.5270	-.4495	.5483	.9708				
.5520	-.4587	.5458	.9696				
.5770	-.4693	.5435	.9736				
.6020	-.4793	.5400	.9774				
.6270	-.4818	.5375	.9831				
.6519	-.4931	.5394	.9871				
.6770	-.4834	.5377	.9903				
.7020	-.4295	.5524	.9667				
.7516	-.3356	.5799	.9195				
.8017	-.2296	.6091	.8739				
.8519	-.1204	.6397	.8266				
.9012	.0117	.6767	.7697				
.9518	.1515	.7167	.7078				
1.0000							

CRACKED. FINISH IT
OF POOR QUALITY.

TABLE II.- Continued.

TEST 118 RUN 54 POINT 5 GRIT ***OFF***
 PT = 4.0656 TT = 120.2 M,INF = .7737 RC*E06 = 29.87 ALPHA = 1.97
 CM = .4808 CM.25 = -.1088

CD2		CD1		CD3		CD4		CD5	
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5					
UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
0.0000	1.1376	.9939	.9939	0.0000	1.1349	.9933	.0985		
.0075	-.7219	.4707	1.0981	.0100	.7249	.8771	.4376		
.0101	-.9822	.4240	1.1808	.0177	.5036	.8151	.5492		
.0164	-1.1801	.3459	1.3334	.0526	.0600	.6913	.7471		
.0200	-1.2454	.3200	1.3895	.1023	-.1986	.6181	.5600		
.0265	-1.2854	.3090	1.4143	.1527	-.2878	.5903	.9032		
.0308	-1.2815	.3113	1.4090	.2020	-.3765	.5661	.9976		
.0364	-1.2596	.3159	1.3985	.2770	-.5063	.5310	.9976		
.0518	-1.2058	.3332	1.3604	.3757	-.4635	.5428	.9785		
.0769	-1.1479	.3919	1.3209	.4507	-.2931	.5906	.9028		
.1019	-1.0781	.3706	1.2827	.5257	-.0889	.6491	.8122		
.1518	-.9926	.3909	1.2479	.6007	.0803	.6468	.7387		
.2019	-.7862	.4503	1.1335	.6755	.2191	.7352	.6789		
.2519	-.3015	.5886	.9058	.7173	.2811	.7533	.6504		
.3018	-.3237	.5822	.9199	.8507	.3922	.7841	.6009		
.4018	-.4260	.5531	.9620	.9010	.3956	.7864	.5970		
.4519	-.4557	.5459	.9735	.9508	.3431	.7712	.6218		
.5020	-.4506	.5474	.9710	1.0000	.1496	.7168	.7076		
.5270	-.4552	.5453	.9744						
.5520	-.4561	.5460	.9734						
.5770	-.4639	.5430	.9782						
.6020	-.4764	.5421	.9796						
.6270	-.4833	.5391	.9844						
.6519	-.4832	.5392	.9843						
.6770	-.4935	.5371	.9876						
.7020	-.4834	.5392	.9843						
.7516	-.4323	.5544	.9600						
.8017	-.3351	.5792	.9206						
.8519	-.2302	.6104	.8719						
.9012	-.1210	.6401	.8259						
.9518	.0100	.6771	.7690						
1.0000	.1505	.7177	.7063						

TEST 118 RUN 55 POINT 1 GRIT ***OFF***
 PT = 4.0151 TT = 119.7 M,INF = .7946 RC*E06 = 30.13 ALPHA = .04
 CM = .1858 CM.25 = -.1146

CD2		CD1		CD3		CD4		CD5	
CDCOR2	CDCOR1	CDCOR3	CDCOR4	CDCOR5					
UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC		
0.0000	1.1891	1.0061	0.0000	0.0000	1.1890	1.0060	0.0000		
.0075	-.3316	.5633	.9457	.0100	.4948	.8048	.5667		
.0101	-.5214	.5089	1.0337	.0177	.2569	.7373	.6756		
.0164	-.7901	.4305	1.1689	.0526	-.1870	.6084	.8750		
.0200	-.9120	.4000	1.2255	.1023	-.4597	.5301	.9900		
.0265	-.8945	.4015	1.2226	.1527	-.5361	.5068	1.0372		
.0308	-.9162	.3942	1.2367	.2020	-.5900	.4908	1.0639		
.0364	-.8679	.4127	1.2016	.2770	-.7438	.4449	1.1432		
.0518	-.3914	.5500	.9669	.3757	-.9379	.3900	1.2446		
.0769	-.3959	.5480	.9701	.4507	-.3934	.5489	.9686		
.1019	-.3688	.5563	.9568	.5257	-.1158	.6273	.8458		
.1518	-.3239	.5682	.9380	.6007	.0527	.6757	.7712		
.2019	-.2872	.5785	.9217	.6755	.1869	.7145	.7112		
.2519	-.3039	.5727	.9369	.7173	.2471	.7320	.6840		
.3018	-.3094	.5721	.9318	.8507	.3579	.7646	.6324		
.4018	-.3632	.5577	.9547	.9010	.3664	.7668	.6288		
.4519	-.3863	.5487	.9690	.9508	.3220	.7338	.6495		
.5020	-.3890	.5473	.9712	1.0000	.1531	.7050	.7260		
.5270	-.3991	.5440	.9765						
.5520	-.4015	.5433	.9777						
.5770	-.4169	.5394	.9839						
.6020	-.4377	.5329	.9944						
.6270	-.4519	.5287	1.0013						
.6519	-.4412	.5264	1.0050						
.6770	-.4419	.5201	1.0154						
.7020	-.4931	.5172	1.0201						
.7516	-.4323	.5349	.9912						
.8017	-.3265	.5647	.9436						
.8519	-.2243	.5942	.8971						
.9012	-.1175	.6256	.8485						
.9518	.0139	.6643	.7888						
1.0000	.1564	.7059	.7246						

ORIGINAL FACILITY
OF POOR QUALITY

TABLE II.- Continued.

TEST 116 RUN 55 POINT 2 GRIT ***OFF***
 PT = 4.0151 TT = 119.9 M,INF = .7937 RC*E06 = 30.02 ALPHA = 1.00
 CN = .3217 CM.25 = -.1150

CD2 CD1 CD3 CD4 CD5
 .00944 .00937(-.00007) .00947(.00003) .00917(-.00027) .00977(-.00067)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00873 .00686(.00012) .00893(.00019) .00866(-.00005) .00826(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1756	1.0020	0.0009	0.0000	1.1739	1.0017	0.0000
.0075	-.4791	.3207	1.0142	.0100	.6166	.8399	.5064
.0101	-.6902	.4616	1.1130	.0177	.7861	.7730	.6188
.0164	-.9368	.3866	1.2511	.0526	-.0588	.6441	.8199
.0200	-1.0563	.3537	1.3171	.1023	-.3249	.5663	.9411
.0265	-1.0761	.3481	1.3288	.1527	-.4001	.5428	.9784
.0308	-1.0769	.3495	1.3258	.2020	-.4865	.5198	1.0158
.0364	-1.0585	.3531	1.3184	.2770	-.6556	.4706	1.0982
.0518	-.9851	.3749	1.2742	.3757	-.8373	.4173	1.1931
.0769	-.8941	.4016	1.2229	.4507	-.2844	.3787	.9214
.1019	-.8233	.4214	1.1895	.5257	-.1026	.6311	.8390
.1518	-.3155	.5697	.9356	.6007	.0646	.6801	.7645
.2019	-.3115	.5706	.9342	.6755	.2063	.7210	.7011
.2519	-.3517	.5588	.7428	.7173	.2681	.7387	.6735
.3018	-.3647	.5547	.9094	.8507	.3809	.7705	.6228
.4018	-.4247	.5380	.9862	.9010	.3870	.7726	.6195
.4519	-.4475	.5309	.9977	.9508	.3374	.7586	.6420
.5020	-.4389	.5340	.9927	1.0000	.1548	.7057	.7249
.5270	-.4458	.5318	.9963				
.5520	-.4454	.5314	.9969				
.5770	-.4579	.5262	1.0054				
.6020	-.4780	.5208	1.0141				
.6270	-.4907	.5179	1.0189				
.6519	-.4968	.5164	1.0214				
.6770	-.5151	.5107	1.0308				
.7020	-.5240	.5081	1.0350				
.7516	-.4458	.5318	.9961				
.8017	-.3298	.5658	.9418				
.8519	-.2230	.5962	.8941				
.9012	-.1138	.6277	.8451				
.9518	.0184	.6656	.7868				
1.0000	.1568	.7060	.7244				

TEST 116 RUN 55 POINT 3 GRIT ***OFF***
 PT = 4.0193 TT = 120.0 M,INF = .7915 RC*E06 = 29.95 ALPHA = 1.48
 CN = .4005 CM.25 = -.1130

CD2 CD1 CD3 CD4 CD5
 .00985 .00977(-.00008) .00980(-.00005) .00984(-.00001) .00971(-.00014)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00927 .00922(-.00005) .00925(-.00002) .00934(.00008) .00924(-.00003)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1639	.9990	.0378	0.0000	1.1613	.7983	.0500
.0075	-.5566	.5000	1.0485	.0100	.6721	.8562	.4769
.0101	-.7535	.4435	1.1456	.0177	.4445	.7612	.5892
.0164	-1.0085	.3689	1.2861	.0526	.0010	.6622	.7919
.0200	-1.1171	.3360	1.3502	.1023	-.2630	.5866	.9090
.0265	-1.1425	.3294	1.3686	.1527	-.3506	.5594	.9519
.0308	-1.1480	.3292	1.3690	.2020	-.4371	.5340	.9927
.0364	-1.1316	.3337	1.3593	.2770	-.6100	.4850	1.0736
.0518	-1.0681	.3538	1.3170	.3757	-.6745	.4669	1.1046
.0769	-.9945	.3738	1.2763	.4507	-.2970	.5764	.9251
.1019	-.9360	.3920	1.2407	.5257	-.0988	.6335	.8362
.1518	-.8562	.4127	1.2017	.6007	.0734	.6836	.7590
.2019	-.4593	.5275	1.0031	.6755	.2151	.7243	.6959
.2519	-.2874	.5785	.9217	.7173	.2771	.7432	.6663
.3018	-.3357	.5650	.9430	.8507	.3895	.7755	.6148
.4018	-.4346	.5365	.9886	.9010	.3954	.7771	.6122
.4519	-.4654	.5273	1.0035	.9508	.3433	.7622	.6361
.5020	-.4578	.5299	.9993	1.0000	.1545	.7085	.7200
.5270	-.4637	.5277	1.0028				
.5520	-.4602	.5303	.9987				
.5770	-.4683	.5276	1.0030				
.6020	-.4878	.5217	1.0126				
.6270	-.4994	.5188	1.0175				
.6519	-.5022	.5191	1.0169				
.6770	-.5193	.5125	1.0278				
.7020	-.5200	.5139	1.0254				
.7516	-.4427	.5356	.9901				
.8017	-.3315	.5675	.9391				
.8519	-.2248	.5979	.8913				
.9012	-.1148	.6302	.8412				
.9518	.0172	.6678	.7834				
1.0000	.1564	.7079	.7215				

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TABLE II.- Continued.

TEST 118 RUN 55 POINT 4 GRIT ***OFF***
 PT = 4.0156 TT = 119.9 M,INF = .7903 RC*E06 = 29.96 ALPHA = 1.74
 CN = .4514 CM.25 = -.1124

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1371	.9969	.0670	0.0000	1.1350	.9964	.0715
.0075	-.8013	.4870	1.0703	.0100	.7003	.8648	.4609
.0101	-.7957	.4344	1.1620	.0177	.4771	.8008	.5734
.0164	-1.0440	.3573	1.3098	.0526	.0349	.6733	.7749
.0200	-1.1402	.3298	1.3678	.1023	-.2288	.5965	.8935
.0265	-1.1837	.3191	1.3914	.1527	-.3190	.5692	.9364
.0308	-1.1939	.3195	1.3905	.2020	-.4077	.5448	.9753
.0364	-1.1614	.3236	1.3813	.2770	-.3748	.4968	1.0539
.0518	-1.1072	.3428	1.3400	.3757	-.5507	.5044	1.0412
.0769	-1.0664	.3611	1.3020	.4507	-.2944	.5783	.9220
.1019	-.9834	.3784	1.2674	.5257	-.0925	.6371	.8306
.1518	-.9112	.3976	1.2301	.6007	.0797	.6859	.7553
.2019	-.8483	.4174	1.1930	.6755	.2201	.7271	.6916
.2519	-.7827	.5581	.9541	.7173	.2830	.7449	.6636
.3018	-.7932	.5787	.9214	.8507	.3934	.7768	.6127
.4018	-.4108	.5447	.8754	.9010	.3994	.7785	.6099
.4519	-.4579	.5318	.9963	.9508	.3473	.7642	.6329
.5020	-.4594	.5300	.9991	1.0000	.1546	.7081	.7212
.5270	-.4679	.5285	1.0015				
.5520	-.4645	.5290	1.0007				
.5770	-.4752	.5259	1.0058				
.6020	-.4911	.5213	1.0133				
.6270	-.5023	.5194	1.0164				
.6519	-.5059	.5174	1.0197				
.6770	-.5226	.5129	1.0272				
.7020	-.5190	.5148	1.0241				
.7516	-.4445	.5344	.9920				
.8017	-.3329	.5689	.9369				
.8519	-.2252	.5998	.8884				
.9012	-.1144	.6302	.8412				
.9518	.0177	.6685	.7823				
1.0000	.1565	.7088	.7201				

TEST 118 RUN 55 POINT 5 GRIT ***OFF***
 PT = 4.0161 TT = 119.9 M,INF = .7996 RC*E06 = 30.15 ALPHA = 2.00
 CN = .5125 CM.25 = -.1116

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1337	.9932	.0832	0.0000	1.1491	.9938	.0945
.0075	-.8212	.4751	1.0906	.0100	.7273	.8701	.4910
.0101	-.7920	.4261	1.1770	.0177	.5070	.8052	.5659
.0164	-1.0594	.3471	1.3309	.0526	.0674	.6782	.7674
.0200	-1.1394	.3206	1.3880	.1023	-.1960	.5994	.8890
.0265	-1.1838	.3098	1.4123	.1527	-.2901	.5712	.9332
.0308	-1.1800	.3126	1.4061	.2020	-.3820	.5452	.9746
.0364	-1.1534	.3159	1.3986	.2770	-.5520	.4983	1.0513
.0518	-1.1045	.3323	1.3623	.3757	-.6132	.4769	1.0874
.0769	-1.0585	.3494	1.3261	.4507	-.2754	.5754	.9267
.1019	-.9970	.3645	1.2949	.5257	-.0807	.6323	.8380
.1518	-.9342	.3821	1.2599	.6007	.0887	.6823	.7610
.2019	-.8856	.3977	1.2299	.6755	.2274	.7225	.6987
.2519	-.8566	.4095	1.2077	.7173	.2902	.7404	.6708
.3018	-.8177	.4170	1.1936	.8507	.3995	.7732	.6185
.4018	-.3611	.5302	.9666	.9010	.4050	.7743	.6168
.4519	-.3293	.5593	.9521	.9508	.3509	.7600	.6397
.5020	-.3718	.5472	.9714	1.0000	.1571	.7046	.7266
.5270	-.4061	.5363	.9889				
.5520	-.4102	.5341	.9925				
.5770	-.4493	.5238	1.0092				
.6020	-.4725	.5159	1.0221				
.6270	-.5049	.5093	1.0331				
.6519	-.5190	.5072	1.0365				
.6770	-.5397	.5002	1.0482				
.7020	-.5467	.4991	1.0500				
.7516	-.4758	.5170	1.0204				
.8017	-.3269	.5620	.9478				
.8519	-.2169	.5919	.9007				
.9012	-.1090	.6243	.8504				
.9518	.0214	.6542	.7888				
1.0000	.1587	.7044	.7269				

CRACKS
OF POOR WORKMAN

TABLE II.- Continued.

TEST 118 RUN 55 POINT 6 GRIT ***OFF***
 PT = 4.0163 TT = 120.0 M.INF = .7920 RC*E06 = 29.98 ALPHA = 2.23
 CN = .3512 CM.25 = -.1095

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1410	.9923	.1054	0.0000	1.1351	.9909	.1143
.0073	-.7021	.4396	1.1173	.0100	.7509	.8789	.4377
.0101	-.8459	.4157	1.1960	.0177	.5332	.8174	.54
.0164	-1.1180	.3366	1.3532	.0526	.0957	.6898	.7495
.0200	-1.2099	.3110	1.4083	.1023	-.1679	.6141	.8662
.0265	-1.2410	.3001	1.4349	.1527	-.2636	.5878	.9072
.0308	-1.2321	.3037	1.4265	.2020	-.3968	.5588	.9529
.0364	-1.2203	.3086	1.4152	.2770	-.5079	.5132	1.0266
.0518	-1.1785	.3235	1.3817	.3757	-.4838	.5227	1.0110
.0769	-1.1177	.3384	1.3404	.4587	-.2772	.5811	.9177
.1019	-1.0624	.3554	1.3136	.5237	-.0765	.6395	.8269
.1518	-1.0033	.3738	1.2763	.6007	.0906	.6905	.7483
.2019	-.9437	.3888	1.2470	.6755	.2301	.7277	.6906
.2519	-.9004	.3992	1.2271	.7173	.2919	.7460	.6607
.3018	-.8848	.4067	1.2128	.8507	.4021	.7778	.6111
.4018	-.8317	.5653	.9426	.9010	.4048	.7798	.6079
.4519	-.8304	.5659	.9416	.9508	.3513	.7626	.6396
.5020	-.8872	.5329	.9623	1.0000	.1550	.7067	.7234
.5270	-.3937	.5466	.9723				
.5520	-.4155	.5420	.9798				
.5770	-.4331	.5353	.9906				
.6020	-.4714	.5264	1.0049				
.6270	-.4844	.5196	1.0161				
.6519	-.4986	.5172	1.0200				
.6770	-.5198	.5108	1.0305				
.7020	-.5234	.5090	1.0335				
.7316	-.4453	.5327	.9947				
.8017	-.3321	.5666	.9406				
.8319	-.2240	.5991	.8895				
.9012	-.1127	.6282	.8443				
.9518	.0197	.6654	.7871				
1.0000	.1568	.7070	.7228				

TEST 118 RUN 56 POINT 1 GRIT ***OFF***
 PT = 3.9675 TT = 120.1 M.INF = .8119 RC*E06 = 30.60 ALPHA = .01
 CN = .1830 CM.25 = -.1093

CD2 CD1 CD3 CD4 CD5
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1952	1.0056	0.0000	0.0000	1.1931	1.0056	0.0000
.0075	-.2946	.5606	.9500	.0100	.5158	.8027	.5702
.0101	-.4827	.5043	1.0413	.0177	.2846	.7340	.6808
.0164	-.7481	.4251	1.1788	.0526	-.1568	.6027	.8838
.0200	-.8805	.3916	1.2415	.1023	-.4368	.5190	1.0170
.0265	-.8308	.3920	1.2408	.1527	-.5108	.4965	1.0543
.0308	-.8796	.3857	1.2529	.2020	-.5817	.4758	1.0893
.0364	-.8441	.3965	1.2321	.2770	-.7319	.4316	1.1669
.0518	-.7168	.4351	1.1606	.3757	-.9227	.3740	1.2760
.0769	-.3516	.5446	.9755	.4587	-.6028	.4690	1.1010
.1019	-.3692	.5392	.9842	.5237	-.0272	.6579	.7986
.1518	-.3352	.5489	.9686	.6007	.0272	.6579	.7986
.2019	-.2946	.5615	.9486	.6755	.1808	.7033	.7266
.2519	-.3149	.5559	.9575	.7173	.2394	.7212	.7008
.3018	-.3218	.5532	.9617	.8507	.3442	.7515	.6532
.4018	-.3862	.5336	.9932	.9010	.3562	.7557	.6465
.4519	-.4176	.5234	1.0099	.9508	.3162	.7440	.6651
.5020	-.4147	.5262	1.0053	1.0000	.1569	.6960	.7398
.5270	-.4253	.5226	1.0112				
.5520	-.4264	.5228	1.0108				
.5770	-.4304	.5175	1.0145				
.6020	-.4655	.5107	1.0306				
.6270	-.4874	.5046	1.0408				
.6519	-.5018	.4993	1.0492				
.6770	-.5245	.4929	1.0603				
.7020	-.5506	.4849	1.0737				
.7316	-.4967	.5006	1.0475				
.8017	-.3182	.5539	.9606				
.8319	-.2106	.5851	.9113				
.9012	-.1054	.6169	.8618				
.9518	.0215	.6576	.7991				
1.0000	.1629	.6979	.7369				

TABLE II.- Continued.

GRIT 15
OF POOR QUALITY

TEST 118 RUN 56 POINT 2 GRIT ***OFF***
 PT = 3.9604 TT = 120.6 M,INF = .8120 RC*E06 = 29.79 ALPHA = .97
 CM = .3342 CM,25 = -.1163
 CD2 CD1 CD3 CD4 CD5
 .01196 .01161(-.00015) .01212(.00016) .01196(.00000) .01131(-.00065)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01047 .01062(.00015) .01047(.00000) .01030(-.00017) .01018(-.00029)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLDC	X/C	CP	P/PPT	MLDC
0.0000	1.1847	1.0025	0.0000	0.0000	1.1829	1.0019	0.0000
.0075	-.4207	.5225	1.0112	.0100	.6231	.8353	.5144
.0101	-.6296	.4621	1.1129	.0177	.3965	.7673	.6280
.0164	-.8774	.3862	1.2520	.0526	-.0454	.6357	.8328
.0200	-.9939	.3529	1.3186	.1023	-.3158	.5546	.9595
.0265	-1.0139	.3473	1.3304	.1527	-.4014	.5266	1.0013
.0300	-1.0095	.3489	1.3270	.2020	-.4818	.5049	1.0402
.0364	-.9977	.3518	1.3210	.2770	-.6491	.4552	1.1248
.0518	-.9258	.3725	1.2788	.3757	-.8461	.3955	1.2340
.0769	-.8480	.3962	1.2327	.4507	-.4657	.5097	1.0324
.1019	-.7906	.4128	1.2014	.5257	-.0840	.6242	.8505
.1518	-.7245	.4321	1.1661	.6007	-.0828	.6739	.7740
.2019	-.2900	.5622	.9474	.6755	.2151	.7135	.7128
.2519	-.2895	.5626	.9468	.7173	.2737	.7311	.6853
.3018	-.3304	.5496	.9674	.8507	.3804	.7627	.6353
.4018	-.4284	.5208	1.0140	.9010	.3867	.7650	.6317
.4519	-.4631	.5051	1.0400	.9508	.3381	.7499	.6557
.5020	-.5006	.4998	1.0488	1.0000	.1974	.6970	.7384
.5270	-.5105	.4970	1.0534				
.5520	-.4944	.5021	1.0449				
.5770	-.4933	.5021	1.0449				
.6020	-.4945	.5024	1.0444				
.6270	-.5067	.4978	1.0521				
.6519	-.5162	.4964	1.0545				
.6770	-.5440	.4881	1.0683				
.7020	-.5676	.4802	1.0817				
.7518	-.5214	.4934	1.0594				
.8017	-.4376	.5542	.9602				
.8519	-.2072	.5863	.9094				
.9012	-.1024	.6184	.8595				
.9518	.0278	.6565	.8005				
1.0000	.1599	.6977	.7372				

TEST 118 RUN 56 POINT 3 GRIT ***OFF***
 PT = 3.9604 TT = 119.9 M,INF = .9170 RC*E06 = 30.15 ALPHA = 1.46
 CM = .4335 CM,25 = -.1163
 CD2 CD1 CD3 CD4 CD5
 .01226 .01144(-.00084) .01266(.00038) .01106(-.00122) .01039(-.00169)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01068 .01033(-.00034) .01117(.00051) .00987(-.00079) .00939(-.00127)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLDC	X/C	CP	P/PPT	MLDC
0.0000	1.1769	.9998	.0173	0.0000	1.1740	.9990	.6371
.0075	-.4728	.5041	1.0416	.0100	.6743	.8488	.4904
.0101	-.6614	.4460	1.1412	.0177	.4507	.7621	.6044
.0164	-.9213	.3706	1.2826	.0526	.0127	.6500	.9107
.0200	-1.0147	.3388	1.3483	.1023	-.2559	.5683	.9377
.0265	-1.0502	.3311	1.3650	.1527	-.3466	.5412	.9811
.0300	-1.0435	.3303	1.3656	.2020	-.4305	.5153	1.0232
.0364	-1.0539	.3345	1.3575	.2770	-.6026	.4639	1.1078
.0518	-.9792	.3554	1.3178	.3757	-.8027	.4045	1.1170
.0769	-.9155	.3712	1.2815	.4507	-.4615	.5245	1.0082
.1019	-.8581	.3871	1.2502	.5257	-.0669	.6291	.8492
.1518	-.7031	.4036	1.2167	.6007	.0941	.6730	.7753
.2019	-.7530	.4188	1.1903	.6755	.2275	.7120	.7139
.2519	-.7250	.4271	1.1751	.7173	.2865	.7311	.6853
.3018	-.7081	.4329	1.1645	.8507	.3918	.7630	.6339
.4018	-.2954	.5562	.9570	.9010	.3973	.7654	.6311
.4519	-.3643	.5340	.9926	.9508	.3463	.7504	.6550
.5020	-.4267	.5160	1.0215	1.0000	.1609	.6935	.7438
.5270	-.4514	.5078	1.0356				
.5520	-.4737	.5021	1.0449				
.5770	-.5060	.4935	1.0543				
.6020	-.5324	.4860	1.0720				
.6270	-.5549	.4799	1.0825				
.6519	-.5693	.4735	1.0932				
.6770	-.5894	.4692	1.1006				
.7020	-.6094	.4625	1.1127				
.7518	-.5413	.4852	1.1733				
.8017	-.3077	.5539	.9606				
.8519	-.2001	.5860	.9099				
.9012	-.0986	.6179	.8607				
.9518	.0327	.6552	.8027				
1.0000	.1636	.6954	.7403				

OF FOUR

TABLE II.- Continued.

TEST 118 RUN 56 POINT 4 GRIT ***OFF***
 PT = 3.9715 TT = 120.3 M,INF = .8138 RC*EO6 = 29.98 ALPHA = 1.76
 CN = .4836 CM.25 = -.1151

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC		
0.0000	1.1665	.9972	.0638	0.0000	1.1643	.9965	.0707		
.0075	-.5306	.4906	1.0642	.0100	.7033	.8581	.4733		
.0101	-.7112	.4372	1.1568	.0177	.4819	.7920	.5878		
.0164	-.9736	.3583	1.3076	.0526	.0434	.6607	.7942		
.0200	-1.0595	.3297	1.3681	.1023	-.2252	.9613	.9173		
.0265	-1.0949	.3197	1.3901	.1527	-.3178	.5545	.9596		
.0308	-1.1029	.3204	1.3884	.2020	-.4072	.5279	1.0026		
.0364	-1.0813	.3231	1.3824	.2770	-.5815	.4741	1.0923		
.0518	-1.0236	.3415	1.3427	.3757	-.7726	.4166	1.1943		
.0769	-.9645	.3590	1.3062	.4507	-.2826	.5627	.9466		
.1019	-.9172	.3746	1.2740	.5257	-.0676	.6271	.8461		
.1518	-.8674	.3906	1.2435	.6007	.0922	.6749	.7724		
.2019	-.8180	.4054	1.2154	.6755	.2290	.7157	.7093		
.2519	-.7849	.4132	1.2007	.7173	.2901	.7349	.6793		
.3018	-.7780	.4150	1.1973	.8507	.3967	.7670	.6255		
.4018	-.6112	.4643	1.1091	.9010	.4020	.7676	.6276		
.4519	-.3553	.5408	.9816	.9508	.3502	.7514	.6533		
.5020	-.3303	.5483	.9696	1.0000	.1591	.6946	.7420		
.5270	-.3497	.5422	.9794						
.5520	-.3778	.5352	.9906						
.5770	-.4242	.5216	1.0127						
.6020	-.4516	.5117	1.0291						
.6270	-.4740	.5039	1.0419						
.6519	-.5121	.4933	1.0596						
.6770	-.5509	.4829	1.0772						
.7020	-.5911	.4714	1.0968						
.7316	-.5380	.4885	1.0677						
.8017	-.3176	.5523	.9632						
.8519	-.2033	.5868	.9086						
.9012	-.0979	.6184	.8595						
.9518	.0307	.6566	.8005						
1.0000	.1621	.6963	.7394						

TEST 118 RUN 56 POINT 5 GRIT ***OFF***
 PT = 3.9712 TT = 119.9 M,INF = .8193 RC*EO6 = 30.22 ALPHA = 2.00
 CN = .5351 CM.25 = -.1184

UPPER SURFACE					LOWER SURFACE				
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC		
0.0000	1.1649	.9960	.0756	0.0000	1.1631	.9955	.0806		
.0075	-.5474	.4814	1.0798	.0100	.7244	.8615	.4672		
.0101	-.7220	.4294	1.1709	.0177	.5062	.7973	.5792		
.0164	-.9847	.3501	1.3246	.0526	.0695	.6656	.7857		
.0200	-1.0636	.3241	1.3802	.1023	-.1978	.5845	.9122		
.0265	-1.0819	.3137	1.4035	.1527	-.2437	.5562	.9569		
.0308	-1.1020	.3153	1.4000	.2020	-.3864	.5304	.9985		
.0364	-1.0835	.3182	1.3935	.2770	-.5615	.4768	1.0876		
.0518	-1.0304	.3343	1.3581	.3757	-.7505	.4192	1.1895		
.0769	-.9758	.3505	1.3237	.4507	-.3120	.5524	.9631		
.1019	-.9260	.3649	1.2942	.5257	-.0591	.6262	.8674		
.1518	-.8765	.3807	1.2628	.6007	.1017	.6729	.7755		
.2019	-.8381	.3948	1.2354	.6755	.2349	.7141	.7119		
.2519	-.8079	.4027	1.2203	.7173	.2942	.7342	.6805		
.3018	-.8019	.4038	1.2184	.8507	.4008	.7657	.6307		
.4018	-.7912	.4084	1.2097	.9010	.4054	.7661	.6300		
.4519	-.7405	.4206	1.1870	.9508	.3521	.7510	.6540		
.5020	-.6708	.4388	1.1541	1.0000	.1573	.6918	.7464		
.5270	-.6523	.4457	1.1417						
.5520	-.5329	.4855	1.0728						
.5770	-.4231	.5175	1.0196						
.6020	-.4326	.5129	1.0271						
.6270	-.3783	.5311	.9974						
.6519	-.3822	.5291	1.0006						
.6770	-.4548	.5052	1.0399						
.7020	-.4399	.5116	1.0292						
.7316	-.4278	.5135	1.0261						
.8017	-.3123	.5493	.9681						
.8519	-.1992	.5830	.9146						
.9012	-.0911	.6152	.8644						
.9518	.0335	.6554	.8024						
1.0000	.1606	.6914	.7470						

GRIT 47.5
OF POOR QUALITY

TABLE II.- Continued.

TEST 110 RUN 44 POINT 1 GRIT ***OFF***
 PT = 3.8047 TT = 106.8 M,INF = .6977 RC*E06 = 47.75 ALPHA = .05
 CN = .1828 CM,25 = -.1061

CD2 CD1 CD3 CD4 CD5
 .00689 .00681(-.00008) .00674(-.00016) .00641(-.00048) .00689(-.00080)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00641 .00642(.00002) .00635(-.00005) .00610(-.00030) .00599(-.00042)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1462	1.0045	0.0000	0.0000	1.1458	1.0044	0.0000
.0075	-.5176	.5984	.8934	.0100	.4280	.8276	.5297
.0101	-.7107	.5506	.9689	.0177	.1919	.7715	.6233
.0164	-.9401	.4949	1.0601	.0526	-.2461	.6647	.7907
.0200	-.8164	.5252	1.0100	.1023	-.4597	.6115	.3730
.0265	-.5680	.5852	.9141	.1527	-.4910	.6039	.8848
.0306	-.6659	.5616	.9514	.2020	-.5358	.5932	.9015
.0364	-.9301	.5951	.8986	.2770	-.5930	.5792	.9233
.0518	-.4377	.6178	.8631	.3757	-.5160	.5984	.8935
.0769	-.3776	.6326	.8403	.4507	-.3574	.6369	.8336
.1019	-.3337	.6423	.8252	.5257	-.1594	.6847	.7598
.1518	-.2942	.6521	.8102	.6007	.0134	.7273	.6956
.2019	-.2609	.6604	.7973	.6755	.1594	.7625	.6379
.2519	-.2709	.6579	.8011	.7173	.2229	.7789	.6113
.3018	-.2741	.6574	.8019	.8507	.3419	.8088	.5619
.4018	-.3126	.6478	.8167	.9010	.5222	.8108	.5384
.4519	-.3231	.6446	.8217	.9508	.6058	.7998	.5769
.5020	-.3210	.6454	.8204	1.0000	.6345	.7571	.6464
.5270	-.3309	.6423	.8253				
.5520	-.3322	.6433	.8237				
.5770	-.3424	.6421	.8255				
.6020	-.3511	.6392	.8301				
.6270	-.3625	.6369	.8336				
.6519	-.3655	.6349	.8367				
.6770	-.3775	.6325	.8404				
.7020	-.3766	.6334	.8369				
.7516	-.3565	.6374	.8329				
.8017	-.3606	.6521	.8100				
.8519	-.2218	.6719	.7795				
.9012	-.1334	.6925	.7477				
.9518	-.0174	.7208	.7037				
1.0000	.1334	.7572	.6462				

TEST 110 RUN 44 POINT 2 GRIT ***OFF***
 PT = 3.8045 TT = 107.0 M,INF = .6967 RC*E06 = 47.98 ALPHA = 1.04
 CN = .3161 CM,25 = -.1059

CD2 CD1 CD3 CD4 CD5
 .00722 .00713(-.00009) .00720(-.00002) .00681(-.00060) .00646(-.00076)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00679 .00680(.00001) .00682(.00003) .00645(-.00034) .00634(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1134	.9966	.0696	0.0000	1.1120	.9960	.0755
.0075	-.8071	.5264	1.0080	.0100	.6014	.8716	.4497
.0101	-1.0619	.4659	1.1095	.0177	.3718	.8157	.5500
.0164	-1.3378	.3948	1.2385	.0526	-.0731	.7073	.7247
.0200	-1.4607	.3661	1.2948	.1023	-.3040	.6506	.8124
.0265	-1.4077	.3812	1.2648	.1527	-.3580	.6394	.8297
.0306	-1.4547	.3700	1.2670	.2020	-.4170	.6242	.8332
.0364	-.9953	.4801	1.0851	.2770	-.4459	.6068	.8803
.0518	-.5623	.5879	.9097	.3757	-.4482	.6176	.8654
.0769	-.5233	.5976	.8946	.4507	-.3065	.6513	.8113
.1019	-.4636	.6116	.8727	.5257	-.1243	.6956	.7429
.1518	-.3895	.6293	.8453	.6007	.0483	.7343	.6826
.2019	-.3489	.6408	.8276	.6755	.1797	.7686	.6280
.2519	-.3485	.6403	.8284	.7173	.2430	.7832	.6042
.3018	-.3440	.6418	.8260	.8507	.3557	.8117	.5569
.4018	-.3701	.6359	.8352	.9010	.4637	.8134	.5540
.4519	-.3755	.6345	.8373	.9508	.5118	.8020	.5733
.5020	-.3679	.6345	.8372	1.0000	.6333	.7574	.6460
.5270	-.3762	.6329	.8398				
.5520	-.3743	.6321	.8410				
.5770	-.3807	.6320	.8411				
.6020	-.3896	.6295	.8431				
.6270	-.3971	.6297	.8447				
.6519	-.3979	.6278	.8477				
.6770	-.4063	.6258	.8507				
.7020	-.4022	.6271	.8487				
.7516	-.3763	.6433	.8391				
.8017	-.3128	.6478	.8168				
.8519	-.2294	.6696	.7831				
.9012	-.1357	.6933	.7465				
.9518	-.0152	.7224	.7012				
1.0000	.1326	.7573	.6462				

TABLE II.- Continued.

PT = 5.8047 TEST 118 RUN = 44 POINT 3 GRIT ***OFF***
 CM = .3762 TT = 107.0 M,INF = .6989 RC*E06 = 47.68 ALPHA = 1.48
 CDZ CD1 CD3 CD4 CD5
 .00811 .00802(-.00009)00741(-.00070) .00724(-.00087)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00756 .00761(.00006)00715(-.00040) .00707(-.00049)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0927	.9613	.1710	0.0000	1.0891	.9906	.1164
.0075	-.9440	.4950	1.0599	.0100	.6701	.8888	.4157
.0101	-1.1603	.4390	1.1568	.0177	.4427	.8327	.5207
.0164	-1.4824	.3632	1.3007	.0526	-.0013	.7241	.6986
.0200	-1.5760	.3388	1.2514	.1023	-.2392	.6649	.8169
.0265	-1.5766	.3423	1.3441	.1527	-.3055	.6477	.7904
.0308	-1.5727	.3379	1.3533	.2020	-.3689	.6320	.8397
.0364	-1.5368	.3484	1.3311	.2770	-.4470	.6127	.8397
.0518	-.8631	.5137	1.0287	.3757	-.4151	.6185	.8710
.0769	-.5212	.5971	.8954	.4507	-.2855	.6211	.8621
.1019	-.4968	.6017	.8881	.5257	-.1071	.6503	.8128
.1518	-.4403	.6146	.8682	.6007	.0539	.6932	.7466
.2019	-.3854	.6289	.8460	.6755	.1912	.7334	.6840
.2519	-.3835	.6283	.8468	.7173	.2511	.7670	.6305
.3018	-.3754	.6283	.8469	.8507	.3619	.7841	.6028
.4018	-.4000	.6220	.8566	.9010	.4679	.8115	.5972
.4519	-.4032	.6198	.8600	.9508	.5198	.8129	.5948
.5020	-.3914	.6231	.8549	1.0000	.5709	.8009	.5750
.5270	-.3997	.6205	.8589		.6209	.7561	.6480
.5520	-.3954	.6251	.8518				
.5770	-.4016	.6238	.8537				
.6020	-.4081	.6222	.8563				
.6270	-.4144	.6220	.8566				
.6519	-.4126	.6232	.8547				
.6770	-.4206	.6205	.8589				
.7020	-.4149	.6211	.8579				
.7516	-.3862	.6288	.8461				
.8017	-.3190	.6431	.8208				
.8519	-.2322	.6672	.7868				
.9012	-.1359	.6907	.7505				
.9518	-.0146	.7203	.7045				
1.0000	.1308	.7556	.6488				

PT = 5.8051 TEST 118 RUN = 44 POINT 4 GRIT ***OFF***
 CM = .4139 TT = 107.2 M,INF = .7012 RC*E06 = 47.64 ALPHA = 1.75
 CDZ CD1 CD3 CD4 CD5
 .00853 .00857(.00003)00789(-.00065) .00773(-.00080)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00809 .00819(.00010)00769(-.00040) .00760(-.00050)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0814	.9882	.1307	0.0000	1.0755	.9872	.1365
.0075	-1.0266	.4733	1.0967	.0100	.7069	.8960	.4011
.0101	-1.2072	.4248	1.1825	.0177	.4860	.8420	.5041
.0164	-1.5204	.3480	1.3319	.0526	.0389	.7350	.6813
.0200	-1.6174	.3246	1.3816	.1023	-.2029	.6793	.7743
.0265	-1.6223	.3228	1.3872	.1527	-.2721	.6590	.7994
.0308	-1.6275	.3213	1.3895	.2020	-.3395	.6417	.8261
.0364	-1.5923	.3309	1.3683	.2770	-.4194	.6212	.8379
.0518	-1.4796	.3607	1.3058	.3757	-.3946	.6272	.8485
.0769	-.5434	.5932	.9014	.4507	-.2711	.6586	.8000
.1019	-.4932	.6044	.8739	.5257	-.0990	.6979	.7392
.1518	-.4578	.6137	.8694	.6007	.0597	.7355	.6807
.2019	-.4041	.6259	.8508	.6755	.1941	.7714	.6235
.2519	-.4006	.6257	.8508	.7173	.2543	.7866	.5987
.3018	-.3914	.6280	.8473	.8507	.3628	.8137	.5534
.4018	-.4107	.6249	.8527	.9010	.4692	.8147	.5517
.4519	-.4131	.6207	.8586	.9508	.5184	.7994	.5775
.5020	-.4016	.6215	.8574	1.0000	.5709	.7560	.6481
.5270	-.4074	.6241	.8533				
.5520	-.4034	.6259	.8505				
.5770	-.4069	.6241	.8502				
.6020	-.4146	.6232	.8547				
.6270	-.4227	.6183	.8635				
.6519	-.4196	.6217	.8570				
.6770	-.4243	.6153	.8669				
.7020	-.4212	.6162	.8635				
.7516	-.3914	.6250	.8519				
.8017	-.3222	.6405	.8279				
.8519	-.2334	.6636	.7922				
.9012	-.1359	.6873	.7556				
.9518	-.0136	.7180	.7080				
1.0000	.1314	.7332	.6527				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

PT = 5.8052 TEST 118 RUN 44 POINT 5 BRIT ***OFF***
CM = .4443 TT = 107.1 M:INF = .6999 RC*E06 = 47.65 ALPHA = 2.00

CD2 CD1 CD3 CD4 CD5
.00928 .00919(-.00010)00859(-.00069) .00827(-.00091)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00886 .00882(-.00004)00833(-.00054) .00820(-.00066)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0658	.9846	.1499	0.0000	1.0618	.9838	.1538
.0075	-1.0953	.4558	1.1270	.0100	.7380	.9035	.3854
.0101	-1.2643	.4109	1.2081	.0177	.5183	.8494	.4910
.0164	-1.5740	.3369	1.3555	.0526	.0741	.7400	.4735
.0200	-1.6572	.3128	1.4085	.1023	-.1708	.6837	.7613
.0265	-1.6694	.3100	1.4149	.1527	-.2424	.6663	.7882
.0308	-1.6824	.3079	1.4195	.2020	-.3131	.6495	.8141
.0364	-1.6358	.3180	1.3967	.2770	-.3946	.6294	.8451
.0518	-1.5394	.3422	1.3441	.3757	-.4763	.6036	.8786
.0769	-.8410	.5146	1.0272	.4507	-.5588	.6619	.7956
.1019	-.4788	.6086	.8774	.5257	-.6401	.7028	.7318
.1518	-.4647	.6121	.8720	.6007	.0643	.7407	.6725
.2019	-.4191	.6237	.8539	.6759	.1984	.7729	.6209
.2519	-.4157	.6243	.8530	.7173	.2583	.7875	.5972
.3018	-.4061	.6264	.8498	.8507	.3660	.8138	.5722
.4018	-.4233	.6213	.8376	.9010	.3712	.8150	.5512
.4519	-.4236	.6214	.8376	.9508	.3185	.8014	.5742
.5020	-.4098	.6250	.8519	1.0000	.1301	.7541	.6511
.5270	-.4150	.6231	.8549				
.5520	-.4118	.6238	.8538				
.5770	-.4162	.6227	.8555				
.6020	-.4228	.6209	.8583				
.6270	-.4274	.6185	.8620				
.6519	-.4276	.6169	.8645				
.6770	-.4310	.6184	.8622				
.7020	-.4239	.6200	.8598				
.7516	-.3920	.6288	.8461				
.8017	-.3226	.6451	.8194				
.8519	-.2343	.6647	.7907				
.9012	-.1367	.6887	.7536				
.9518	-.0143	.7181	.7078				
1.0000	.1287	.7554	.6492				

PT = 5.8048 TEST 118 RUN 44 POINT 6 BRIT ***OFF***
CM = .4821 TT = 107.2 M:INF = .6989 RC*E06 = 47.55 ALPHA = 2.25

CD2 CD1 CD3 CD4 CD5
.01019 .01018(-.00002)00950(-.00070) .00936(-.00083)
CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
.00966 .00969(-.00004)00917(-.00049) .00920(-.00046)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0506	.9809	.1671	0.0000	1.0471	.9800	.1707
.0075	-1.1487	.4417	1.1920	.0100	.7679	.9174	.3683
.0101	-1.3212	.3991	1.2302	.0177	.5500	.8579	.4754
.0164	-1.6227	.3251	1.3811	.0526	.1100	.7503	.6572
.0200	-1.7167	.3021	1.4330	.1023	-.1390	.6895	.7523
.0265	-1.7275	.2985	1.4413	.1527	-.2172	.6707	.7813
.0308	-1.7369	.2971	1.4444	.2020	-.2906	.6527	.8091
.0364	-1.6989	.3065	1.4229	.2770	-.3740	.6312	.8423
.0518	-1.6039	.3289	1.3728	.3757	-.4606	.6347	.8370
.0769	-1.3599	.3900	1.2478	.4507	-.5474	.6634	.7927
.1019	-.5602	.5863	.9122	.5257	-.6318	.7037	.7303
.1518	-.4531	.6130	.8706	.6007	.0716	.7411	.6718
.2019	-.4261	.6196	.8604	.6759	.2042	.7732	.6206
.2519	-.4271	.6182	.8625	.7173	.2631	.7881	.5962
.3018	-.4183	.6205	.8589	.8507	.3697	.8143	.5725
.4018	-.4351	.6174	.8637	.9010	.3740	.8151	.5510
.4519	-.4353	.6171	.8641	.9508	.3194	.8017	.5736
.5020	-.4198	.6207	.8587	1.0000	.1233	.7555	.6489
.5270	-.4299	.6185	.8619				
.5520	-.4210	.6205	.8588				
.5770	-.4255	.6196	.8604				
.6020	-.4242	.6183	.8623				
.6270	-.4336	.6172	.8640				
.6519	-.4313	.6187	.8617				
.6770	-.4355	.6173	.8638				
.7020	-.4285	.6189	.8619				
.7516	-.3955	.6278	.8476				
.8017	-.3253	.6554	.8218				
.8519	-.2353	.6856	.7893				
.9012	-.1369	.6894	.7525				
.9518	-.0160	.7198	.7053				
1.0000	.1276	.7592	.6493				

OF PRACTICALITY

TABLE II. - Continued.

TEST 118 RUN 44 POINT 7 GRIT ***OFF***
 PT = 5.8050 TT = 107.1 M,INF = .6984 RC*E06 = 47.95 ALPHA = 2.50
 CN = .5075 CM.25 = -.1021

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0358	.9775	.1814	0.0000	1.0299	.9761	.1871
.0075	-1.2044	.4302	1.1725	.0100	.7960	.9187	.3518
.0101	-1.3163	.4029	1.2231	.0177	.2828	.7932	.5878
.0164	-1.5731	.3154	1.4026	.0526	.1467	.7804	.6411
.0200	-1.7703	.2923	1.4562	.1023	-.1048	.6590	.7376
.0265	-1.7777	.2886	1.4649	.1927	-.1894	.6782	.7698
.0308	-1.7893	.2873	1.4880	.2020	-.2646	.6599	.7980
.0364	-1.7544	.2961	1.4470	.2770	-.3498	.6383	.8305
.0518	-1.6625	.3174	1.3982	.3737	-.3428	.6410	.8272
.0769	-1.5622	.3421	1.3424	.4507	-.2363	.6645	.7879
.1019	-.7345	.5452	.9774	.5257	-.0762	.7056	.7173
.1518	-.4368	.6178	.8631	.6007	.0777	.7433	.6683
.2019	-.4275	.6201	.8595	.6755	.2086	.7750	.6177
.2519	-.4362	.6177	.8632	.7173	.2673	.7895	.5938
.3018	-.4292	.6199	.8599	.8507	.3722	.8153	.5508
.4018	-.4466	.6151	.8673	.9010	.3765	.8159	.5497
.4519	-.4447	.6155	.8666	.9508	.3212	.8026	.5722
.5020	-.4292	.6194	.8606	1.0000	.1279	.7592	.6494
.5270	-.4330	.6180	.8629				
.5520	-.4286	.6194	.8606				
.5770	-.4315	.6188	.8616				
.6020	-.4354	.6171	.8643				
.6270	-.4397	.6165	.8652				
.6519	-.4348	.6175	.8635				
.6770	-.4397	.6167	.8648				
.7020	-.4319	.6184	.8622				
.7516	-.3980	.6266	.8495				
.8017	-.3295	.6453	.8206				
.8519	-.2360	.6662	.7883				
.9012	-.1376	.6902	.7513				
.9518	-.0161	.7203	.7045				
1.0000	.1269	.7552	.5494				

TEST 118 RUN 44 POINT 8 GRIT ***OFF***
 PT = 5.8051 TT = 107.1 M,INF = .6999 RC*E06 = 47.85 ALPHA = 3.03
 CN = .5948 CM.25 = -.0975

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0067	.9699	.2103	0.0000	.9993	.9682	.2164
.0075	-1.2955	.4044	1.2203	.0100	.8488	.9311	.3224
.0101	-1.4060	.3786	1.2699	.0177	.4032	.8216	.5399
.0164	-1.7244	.2982	1.4421	.0526	.2445	.7831	.6045
.0200	-1.8322	.2728	1.5039	.1023	-.0369	.7321	.6860
.0265	-1.8477	.2683	1.5193	.1527	-.1330	.6898	.7518
.0308	-1.8598	.2673	1.5178	.2020	-.2044	.6740	.7762
.0364	-1.8288	.2737	1.5018	.2770	-.2564	.6607	.7968
.0518	-1.7413	.2945	1.4508	.3737	-.3111	.6492	.8145
.0769	-1.6644	.3147	1.4041	.4507	-.2136	.6731	.7776
.1019	-1.5621	.3397	1.3495	.5257	-.0565	.7119	.7189
.1518	-.5510	.5870	.9111	.6007	.0906	.7470	.6628
.2019	-.3982	.6266	.8495	.6755	.2185	.7781	.6128
.2519	-.4323	.6176	.8634	.7173	.2755	.7919	.5908
.3018	-.4438	.6168	.8647	.8507	.3769	.8167	.5484
.4018	-.4665	.6115	.8729	.9010	.3808	.8175	.5470
.4519	-.4631	.6121	.8719	.9508	.3246	.8035	.5787
.5020	-.4455	.6161	.8657	1.0000	.1252	.7542	.6510
.5270	-.4487	.6155	.8671				
.5520	-.4438	.6156	.8665				
.5770	-.4454	.6159	.8681				
.6020	-.4493	.6147	.8680				
.6270	-.4516	.6136	.8696				
.6519	-.4448	.6146	.8681				
.6770	-.4495	.6141	.8689				
.7020	-.4381	.6160	.8680				
.7516	-.4015	.6244	.8530				
.8017	-.3285	.6426	.8247				
.8519	-.2378	.6648	.7986				
.9012	-.1389	.6889	.7533				
.9518	-.0168	.7180	.7080				
1.0000	.1239	.7543	.5508				

ORIGINAL SURFACE
OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUM 44 POINT 9 GRIT ***OFF***
 PT = 3.8650 TT = 107.1 M,INF = .6990 RC#E06 = 47.61 ALPHA = 3.50
 CM = .6423 CM.25 = -.0971

CD2 CD1 CD3 CD4 CD5
 .01859 .01792(-.00067)01747(-.00112) .01792(-.00107)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01842 .01740(-.00102)01732(-.00110) .01722(-.00120)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	HLDC	X/C	CP	P/PT	HLDC
0.0000	.9694	.9612	.2395	0.0000	.9704	.9610	.2400
.0075	-1.3904	.3808	1.2655	.0100	.8903	.9417	.2455
.0101	-1.4623	.3853	1.2965	.0177	.0160	.7253	.5927
.0164	-1.8128	.2807	1.4842	.0524	.2767	.7919	.5900
.0200	-1.8878	.2588	1.5401	.1023	.1226	.7532	.6526
.0265	-1.919.	.2530	1.5553	.1527	-.0217	.7185	.7073
.0308	-.9509	.2505	1.5622	.2020	-.1141	.6955	.7430
.0364	-1.8912	.2579	1.5423	.2770	-.2219	.6882	.7853
.0518	-1.8163	.2768	1.4939	.3757	-.2816	.6586	.8077
.0769	-1.7511	.2961	1.4471	.4507	-.3076	.6730	.7776
.1019	-1.6548	.3171	1.3988	.5257	-.0561	.7089	.7222
.1518	-.9060	.3020	1.0482	.6007	.1009	.7489	.6594
.2019	-.4219	.6201	.8596	.6755	.2274	.7789	.6112
.2519	-.3980	.6249	.8521	.7173	.2835	.7930	.5881
.3018	-.4287	.6175	.8636	.8507	.3834	.8175	.5474
.4018	-.4735	.6074	.8793	.9010	.3854	.8037	.5477
.4519	-.4725	.6067	.8804	.9508	.3271	.8037	.5704
.5020	-.4572	.6125	.8713	1.0000	.1224	.7930	.6529
.5270	-.4605	.6102	.8750				
.5520	-.4552	.6121	.8720				
.5770	-.4555	.6119	.8729				
.6020	-.4562	.6101	.8751				
.6270	-.4573	.6114	.8730				
.6519	-.4501	.6125	.8713				
.6770	-.4526	.6123	.8714				
.7020	-.4427	.6146	.8681				
.7516	-.4036	.6246	.8526				
.8017	-.3289	.6429	.8243				
.8519	-.2367	.6659	.7888				
.9012	-.1389	.6902	.7512				
.9518	-.0214	.7186	.7071				
1.0000	.1216	.7531	.6527				

TEST 118 RUM 44 POINT 10 GRIT ***OFF***
 PT = 3.8046 TT = 109.9 M,INF = .6948 RC#E06 = 35.81 ALPHA = 4.01
 CM = .6980 CM.25 = -.0985

CD2 CD1 CD3 CD4 CD5
 .02346 .02273(-.00073)02243(-.00101) .02273(-.00072)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .02284 .02194(-.00090)02183(-.00099) .02223(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	HLDC	X/C	CP	P/PT	HLDC
0.0000	.9380	.9334	.2631	0.0000	.9334	.9224	.2658
.0075	-1.4926	.3592	1.3086	.0100	.9303	.9310	.2675
.0101	-1.2100	.4306	1.1714	.0177	-.7491	.5418	.9825
.0164	-1.8828	.2622	1.530.	.0524	-.8176	.7189	.7062
.0200	-1.9754	.2458	1.5747	.1023	.1397	.7983	.6441
.0265	-2.0002	.2362	1.6015	.1527	.0712	.7420	.6887
.0308	-2.0109	.2345	1.6036	.2020	-.0075	.7219	.7016
.0364	-1.9926	.2416	1.5863	.2770	-.1196	.6966	.7409
.0518	-1.9001	.2604	1.5355	.3757	-.2161	.6730	.7774
.0769	-1.8198	.2769	1.4923	.4507	-.1926	.6774	.7766
.1019	-1.7585	.2966	1.4455	.5257	-.0703	.7074	.7242
.1518	-1.5757	.3418	1.3450	.6007	.1091	.7514	.6551
.2019	-.6864	.5596	.9604	.6755	.2318	.7811	.6073
.2519	-.4024	.6278	.8472	.7173	.2879	.7943	.5855
.3018	-.4113	.6254	.8508	.8507	.3862	.8179	.5468
.4018	-.4727	.6089	.8764	.9010	.3864	.8187	.5446
.4519	-.4787	.6076	.8785	.9508	.3257	.8047	.5883
.5020	-.4636	.6115	.8724	1.0000	.1145	.7946	.6590
.5270	-.4682	.6105	.8739				
.5520	-.4591	.6115	.8725				
.5770	-.4550	.6115	.8724				
.6020	-.4600	.6117	.8721				
.6270	-.4620	.6127	.8763				
.6519	-.4540	.6166	.8644				
.6770	-.4548	.6166	.8643				
.7020	-.4421	.6198	.8595				
.7516	-.4021	.6285	.8439				
.8017	-.3292	.6481	.8157				
.8519	-.2369	.6786	.7809				
.9012	-.1394	.6923	.7475				
.9518	-.0231	.7213	.7024				
1.0000	.1120	.7540	.6508				

ORIGINAL RECORD OF POOR QUALITY

TABLE II.- Continued.

PT = 5.7115 TEST 118 RUN 45 POINT 2 GRIT ***OFF***
 CM = .1245 TT = 106.9 M,INF = .7203 RC*E06 = 47.84 ALPHA = .01

CD2 CD1 CD3 CD4 CD5
 .00686 .00677(-.00009) ***** .00623(-.00053) .00609(-.00077)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00635 .00636(.00001) ***** .00612(-.00023) .00599(-.00036)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1564	1.0052	0.0000	0.0000	.7603	.9044	.3833
.0075	-.652	.5926	.9023	.0100	.6845	.8849	.4235
.0101	.0995	.7363	.6793	.0177	-.6965	.5334	.9965
.0164	-.9341	.4738	1.0957	.0526	-.4036	.6086	.8774
.0200	-.6258	.5509	.9682	.1023	-.3382	.6254	.8513
.0265	-.5540	.5695	.9387	.1527	-.3995	.6096	.8758
.0308	-.6436	.5472	.9742	.2020	-.4451	.5971	.8953
.0364	-.5166	.5788	.9241	.2770	-.4992	.5831	.9172
.0518	-.4299	.6013	.8888	.3757	-.5582	.5681	.9409
.0769	-.3759	.6156	.8665	.4507	-.5418	.5732	.9328
.1019	-.3313	.6271	.8486	.5257	-.4340	.5997	.8913
.1518	-.2918	.6370	.8334	.6007	-.1584	.6791	.7822
.2019	-.2597	.6443	.8220	.6755	.0830	.7316	.6867
.2519	-.2710	.6413	.8267	.7173	.2238	.7680	.6288
.3018	-.2759	.6400	.8286	.8507	.3234	.7920	.5898
.4018	-.3174	.6303	.8437	.9010	.3588	.8011	.5746
.4519	-.3301	.6262	.8501	.9508	.3132	.7897	.5936
.5020	-.3281	.6269	.8490	1.0000	.1594	.7499	.6578
.5270	-.3387	.6235	.8543				
.5520	-.3410	.6236	.8440				
.5770	-.3520	.6193	.8607				
.6020	-.3642	.6164	.8653				
.6270	-.3751	.6139	.8692				
.6519	-.3784	.6124	.8714				
.6770	-.3903	.6109	.8738				
.7020	-.3885	.6123	.8716				
.7516	-.3686	.6166	.8649				
.8017	-.3062	.6323	.8406				
.8519	-.2243	.6526	.8092				
.9012	-.1323	.6764	.7725				
.9518	-.0130	.7064	.7260				
1.0000	.1392	.7458	.6643				

PT = 5.7115 TEST 118 RUN 45 POINT 3 GRIT ***OFF***
 CM = .2496 TT = 106.9 M,INF = .7203 RC*E06 = 47.85 ALPHA = 1.03

CD2 CD1 CD3 CD4 CD5
 .00740 .00734(-.00006) ***** .00683(-.00057) .00663(-.00077)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00698 .00698(.00001) ***** .00669(-.00029) .00653(-.00044)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1284	.9980	.0537	0.0000	.6718	.8814	.4306
.0075	-.7341	.5227	1.0140	.0100	.7440	.9002	.3924
.0101	.1541	.7503	.6572	.0177	-.8850	.4852	1.0764
.0164	-1.2631	.3891	1.2495	.0526	-.5004	.5828	.9177
.0200	-.7301	.5242	1.0082	.1023	-.3416	.6252	.8516
.0265	-1.3607	.3644	1.2983	.1527	-.3220	.6305	.8434
.0308	-1.3830	.3594	1.3083	.2020	-.3396	.6249	.8511
.0364	-1.3355	.3725	1.2819	.2770	-.3806	.6129	.8706
.0518	-.6178	.5532	.9646	.3757	-.4372	.5991	.8922
.0769	-.4928	.5848	.9146	.4507	-.4434	.5984	.8932
.1019	-.4637	.5942	.8998	.5257	-.3228	.6269	.8490
.1518	-.4020	.6102	.8749	.6007	-.0581	.6943	.7448
.2019	-.3540	.6213	.8577	.6755	.1100	.7380	.6767
.2519	-.3562	.6192	.8610	.7173	.2500	.7735	.6201
.3018	-.3522	.6207	.8585	.8507	.3428	.7974	.5807
.4018	-.3822	.6140	.8690	.9010	.3716	.8049	.5683
.4519	-.3887	.6101	.8751	.9508	.3210	.7918	.5901
.5020	-.3816	.6116	.8727	1.0000	.1594	.7508	.6564
.5270	-.3896	.6105	.8744				
.5520	-.3878	.6106	.8743				
.5770	-.3966	.6088	.8771				
.6020	-.4049	.6068	.8801				
.6270	-.4139	.6042	.8842				
.6519	-.4147	.6044	.8839				
.6770	-.4234	.6020	.8877				
.7020	-.4198	.6029	.8862				
.7516	-.3910	.6100	.8791				
.8017	-.3208	.6275	.8480				
.8519	-.2321	.6504	.8126				
.9012	-.1345	.6758	.7734				
.9518	-.0101	.7072	.7248				
1.0000	.1390	.7455	.6649				

TABLE II.- Continued.

ORIGINAL SURFACE
OF POOR QUALITY

TEST 118 RUN 45 POINT 4 GRIT ***OFF***
 PT = 5.7128 TT = 107.1 M-INF = .7169 RC*E06 = 47.61 ALPHA = 1.50
 CN = .3276 CM.25 = -.0988

CD2 CD1 CD3 CD4 CD5
 .00806 .00806(-.00000)00751(-.00055) .00727(-.00079)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00765 .00768(-.00002)00730(-.00036) .00714(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9336	.9491	.2754	0.0000	.1098	.7402	.6733
.0075	-.8651	.4931	1.0629	.0100	.9948	.9642	.2297
.0101	.6592	.8791	.4350	.0177	-.5425	.5771	.9266
.0164	-1.3965	.3598	1.3075	.0526	-.1667	.6699	.7825
.0200	-.2143	.6823	.7635	.1023	-.0827	.6913	.7494
.0265	-1.4811	.3355	1.3985	.1527	-.1713	.6696	.7830
.0308	-1.4901	.3337	1.3623	.2020	-.2355	.6325	.8094
.0364	-1.4582	.3407	1.3473	.2770	-.3076	.6343	.8375
.0518	-1.3504	.3734	1.2801	.3757	-.3815	.6160	.8658
.0769	-.9208	.5801	.9219	.4507	-.4054	.6104	.8745
.1019	-.4594	.9958	.8973	.9237	-.3338	.6279	.8473
.1518	-.4390	.6029	.8862	.6007	-.1273	.6808	.7657
.2019	-.3870	.6141	.8688	.6755	.0804	.7347	.6819
.2519	-.3878	.6140	.8690	.7173	.2431	.7749	.6178
.3018	-.3814	.6160	.8658	.8507	.3130	.7914	.5907
.4018	-.4063	.6102	.8748	.9010	.3741	.8066	.5655
.4519	-.4092	.6088	.8770	.9508	.3283	.7939	.5866
.5020	-.4003	.6118	.8724	1.0000	.2227	.7672	.6301
.5270	-.4064	.6121	.8719				
.5520	-.6033	.6116	.8727				
.5770	-.4109	.6078	.8786				
.6020	-.4197	.6049	.8830				
.6270	-.4281	.6010	.8892				
.6519	-.4276	.6016	.8883				
.6770	-.4343	.6013	.8887				
.7020	-.4275	.6036	.8851				
.7516	-.3954	.6124	.8715				
.8017	-.3243	.6297	.8446				
.8519	-.2345	.6524	.8096				
.9012	-.1351	.6773	.7711				
.9518	-.0111	.7094	.7215				
1.0000	.1454	.7485	.6600				

TEST 118 RUN 45 POINT 5 GRIT ***OFF***
 PT = 5.7140 TT = 107.1 M-INF = .7201 RC*E06 = 47.75 ALPHA = 1.75
 CN = .3644 CM.25 = -.0970

CD2 CD1 CD3 CD4 CD5
 .00885 .00877(-.00008)00849(-.00036) .00810(-.00075)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00846 .00842(-.00007)00827(-.00021) .00802(-.00047)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0076	.9672	.2198	0.0000	.1409	.7461	.6638
.0075	-.9290	.4733	1.0965	.0100	.9781	.9601	.2429
.0101	.6474	.8757	.4417	.0177	-.5692	.5653	.9454
.0164	-1.4325	.3454	1.3373	.0526	-.1671	.6685	.7847
.0200	-.1352	.6766	.7721	.1023	-.0562	.6952	.7647
.0265	-1.5516	.3186	1.3953	.1527	-.1412	.6734	.7771
.0308	-1.5470	.3173	1.3982	.2020	-.2136	.6571	.8022
.0364	-1.5163	.3253	1.3805	.2770	-.2819	.6400	.8286
.0518	-1.4160	.3495	1.3289	.3757	-.3545	.6215	.8573
.0769	-1.1160	.4271	1.1781	.4507	-.3797	.6191	.8672
.1019	-.4120	.5890	.9080	.9237	-.3141	.6718	.8429
.1518	-.4259	.6007	.8896	.6007	-.1250	.6116	.7691
.2019	-.4000	.6098	.8755	.6755	.0234	.7169	.7098
.2519	-.4052	.6087	.8771	.7173	.2377	.7705	.6248
.3018	-.3988	.6102	.8748	.8507	.3173	.7907	.5919
.4018	-.4236	.6040	.8845	.9010	.3770	.8060	.5664
.4519	-.4265	.6022	.8873	.9508	.3294	.7935	.5872
.5020	-.4137	.6050	.8829	1.0000	.2221	.7660	.6321
.5270	-.4194	.6042	.8841				
.5520	-.4185	.6030	.8861				
.5770	-.4239	.6014	.8886				
.6020	-.4305	.5998	.8910				
.6270	-.4377	.5974	.8947				
.6519	-.4361	.5977	.8943				
.6770	-.4430	.5958	.8973				
.7020	-.4361	.5975	.8946				
.7516	-.4025	.6063	.8809				
.8017	-.3274	.6258	.8506				
.8519	-.2356	.6491	.8146				
.9012	-.1360	.6751	.7746				
.9518	-.0105	.7070	.7232				
1.0000	.1470	.7467	.6629				

ORIGINAL OF TOOL QUANTITY

TABLE II.- Continued.

TEST 110 RUN 45 POINT 6 GRIT ***OFF***
 PT = 5.7140 TT = 107.0 M,INF = .7169 RC*E06 = 47.69 ALPHA = 2.00
 CN = .4002 CM.25 = -.0990

CD2 CD1 CD3 CD4 CD5
 .00967 .00951(-.00016)00905(-.00062) .00893(-.00074)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00922 .00910(-.00012)00884(-.00038) .00877(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9806	.9609	.2415	0.0000	.2276	.7687	.6278
.0075	-.9970	.4569	1.1249	.0100	.9475	.9521	.2668
.0101	.6134	.8671	.4581	.0177	-.5866	.5653	.9454
.0164	-1.4794	.3353	1.3587	.0526	-.1680	.6707	.7813
.0200	-.1352	.6769	.7718	.1023	-.0427	.7023	.7325
.0265	-1.5885	.3075	1.4204	.1527	-.1209	.6826	.7630
.0308	-1.5948	.3054	1.4252	.2020	-.1785	.6673	.7866
.0364	-1.5601	.3146	1.4042	.2770	-.2525	.6484	.8158
.0518	-1.4899	.3371	1.3549	.3757	-.3304	.6286	.8464
.0769	-1.3724	.3862	1.2945	.4507	-.3603	.6217	.8570
.1019	-.5894	.5640	.9473	.5257	-.3009	.6355	.8356
.1518	-.4202	.6069	.8800	.6007	-.0969	.6881	.7544
.2019	-.4038	.6102	.8749	.6717	.0845	.7343	.6825
.2519	-.4139	.6075	.8791	.7173	.2526	.7769	.6145
.3018	-.4105	.6083	.8779	.8507	.3243	.7940	.5865
.4018	-.4346	.6029	.8862	.9010	.3767	.8078	.5634
.4519	-.4351	.6014	.8885	.9208	.3290	.7959	.5833
.5020	-.4213	.6060	.8814	1.0000	.2167	.7670	.6305
.5270	-.4268	.6059	.8815				
.5520	-.4237	.6059	.8816				
.5770	-.4286	.6027	.8865				
.6020	-.4353	.6021	.8875				
.6270	-.4402	.6011	.8890				
.6519	-.4382	.6009	.8894				
.6770	-.4435	.5999	.8910				
.7020	-.4358	.6021	.8875				
.7516	-.4024	.6102	.8749				
.8017	-.3279	.6288	.8460				
.8519	-.2356	.6523	.8097				
.9012	-.1356	.6777	.7705				
.9518	-.0109	.7088	.7223				
1.0000	.1428	.7484	.6601				

TEST 110 RUN 45 POINT 7 GRIT ***OFF***
 PT = 5.7146 TT = 107.1 M,INF = .7186 RC*E06 = 47.70 ALPHA = 2.25
 CN = .4402 CM.25 = -.0970

CD2 CD1 CD3 CD4 CD5
 .01072 .01045(-.00027)01008(-.00064) .01021(-.00051)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01019 .00999(-.00020)00965(-.00054) .00983(-.00036)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	.9040	.9413	.2965	0.0000	.1461	.7468	.6628
.0075	-1.0518	.4437	1.1483	.0100	.9482	.9525	.2659
.0101	.6720	.8820	.4294	.0177	-.5865	.5617	.9511
.0164	-1.5280	.3245	1.3822	.0526	-.1648	.6690	.7839
.0200	-.1365	.6761	.7729	.1023	-.0274	.7036	.7304
.0265	-1.6332	.2972	1.4445	.1527	-.0970	.6862	.7574
.0308	-1.6311	.2951	1.4469	.2020	-.1576	.6706	.7814
.0364	-1.5984	.3041	1.4282	.2770	-.2288	.6526	.8093
.0518	-1.5207	.3240	1.3834	.3757	-.3071	.6328	.8397
.0769	-1.4281	.3475	1.3329	.4507	-.3380	.6247	.8523
.1019	-1.2428	.3941	1.2398	.5257	-.2867	.6379	.8319
.1518	-.3909	.6114	.8730	.6007	-.0894	.6874	.7555
.2019	-.3905	.6113	.8731	.6755	.0708	.7288	.6911
.2519	-.4152	.6051	.8827	.7173	.2542	.7752	.6171
.3018	-.4172	.6048	.8832	.8507	.3264	.7937	.5869
.4018	-.4453	.5974	.8947	.9010	.3811	.8080	.5630
.4519	-.4437	.5974	.8948	.9508	.3304	.7954	.5842
.5020	-.4314	.6001	.8905	1.0000	.2370	.7732	.6204
.5270	-.4364	.5997	.8913				
.5520	-.4321	.6004	.8901				
.5770	-.4368	.5993	.8918				
.6020	-.4423	.5986	.8929				
.6270	-.4472	.5978	.8942				
.6519	-.4433	.6013	.8887				
.6770	-.4474	.5998	.8911				
.7020	-.4415	.5975	.8947				
.7516	-.4054	.6076	.8789				
.8017	-.3301	.6288	.8491				
.8519	-.2375	.6503	.8128				
.9012	-.1356	.6760	.7751				
.9518	-.0115	.7079	.7237				
1.0000	.1517	.7513	.6555				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

PT = 5.7146 TEST 118 RUN 45 POINT 8 GRIT ***OFF***
CM = .4712 TT = 107.2 M:INF = .7183 RC*E06 = 47.63 ALPHA = 2.49

CD2 CD1 CD3 CD4 CD5
.01193 .01174(-.00019)01123(-.00068) .01124(-.00069)
CDCDR2 CDCDR1 CDCDR4 CDCDR5
.01141 .01129(-.60012)01092(-.00049) .01097(-.00044)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	.8950	.9390	.3027	0.0000	.1207	.7427	.6691
.0075	-1.1012	.4329	1.1676	.0100	.9660	.9569	.2526
.0101	.6952	.8880	.4173	.0177	-.5369	.3743	.9310
.0164	-1.3607	.3157	1.4018	.0526	-.1253	.6797	.7674
.0200	-.0811	.6916	.7490	.1023	.0095	.7137	.7147
.0265	-1.6684	.2881	1.4660	.1527	-.0630	.6960	.7422
.0308	-1.6715	.2866	1.4696	.2020	-.1225	.6794	.7679
.0364	-1.6467	.2947	1.4504	.2770	-.1981	.6603	.7973
.0518	-1.5600	.3140	1.4050	.3757	-.2787	.6402	.8285
.0769	-1.4805	.3354	1.3953	.4507	-.3201	.6300	.8440
.1019	-1.3790	.3607	1.3056	.5257	-.2684	.6427	.8245
.1518	-.4303	.6028	.8864	.6007	-.0834	.6906	.7504
.2019	-.2705	.6162	.8655	.6755	.0946	.7350	.6813
.2519	-.4091	.6066	.8804	.7173	.2649	.7787	.6115
.3018	-.4197	.6044	.8839	.8507	.3229	.7933	.5875
.4018	-.4530	.5935	.8965	.9010	.3839	.8089	.5616
.4519	-.4541	.5925	.8978	.9508	.3360	.7959	.5833
.5020	-.4393	.6003	.8902	1.0000	.2210	.7675	.6297
.5270	-.4433	.5982	.8935				
.5520	-.4393	.5998	.8911				
.5770	-.4427	.5987	.8928				
.6020	-.4476	.5975	.8946				
.6270	-.4537	.5944	.8994				
.6519	-.4481	.5974	.8948				
.6770	-.4533	.5955	.8977				
.7020	-.4440	.5982	.8936				
.7516	-.4076	.6076	.8789				
.8017	-.3305	.6280	.8472				
.8519	-.2369	.6509	.8118				
.9012	-.1361	.6762	.7728				
.9518	-.0113	.7073	.7246				
1.0000	.1440	.7475	.6616				

PT = 5.7130 TEST 118 RUN 45 POINT 9 GRIT ***OFF***
CM = .5283 TT = 107.9 M:INF = .7138 RC*E06 = 46.97 ALPHA = 3.01

CD2 CD1 CD3 CD4 CD5
.01539 .01500(-.00039)01449(-.00090) .01460(-.00079)
CDCDR2 CDCDR1 CDCDR4 CDCDR5
.01471 .01442(-.00030)01398(-.00073) .01404(-.00067)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLDC	X/C	CP	P/P/T	MLDC
0.0000	.8565	.9294	.3264	0.0000	.1042	.7401	.6733
.0075	-1.2089	.4087	1.2120	.0100	.9417	.9510	.2700
.0101	.7291	.8960	.4009	.0177	-.5656	.5702	.9374
.0164	-1.6313	.2993	1.4395	.0526	-.1359	.6792	.7681
.0200	-.0933	.6890	.7529	.1023	.0233	.7196	.7053
.0265	-1.7467	.2698	1.5115	.1527	-.0192	.7080	.7234
.0308	-1.7502	.2685	1.5148	.2020	-.0836	.6920	.7483
.0364	-1.7302	.2746	1.4992	.2770	-.1588	.6745	.7753
.0518	-1.6574	.2942	1.4513	.3757	-.2344	.6539	.8071
.0769	-1.5862	.3128	1.4082	.4507	-.2816	.6440	.8224
.1019	-1.5043	.3341	1.3612	.5257	-.2383	.6540	.8069
.1518	-.9149	.4814	1.0826	.6007	-.0725	.6931	.7435
.2019	-.3728	.6188	.8613	.6755	.0955	.7389	.6752
.2519	-.3901	.6163	.8653	.7173	.2724	.7820	.6061
.3018	-.4132	.6082	.8778	.8507	.3329	.7973	.5809
.4018	-.4645	.5979	.8938	.9010	.3840	.8111	.5577
.4519	-.4661	.5966	.8909	.9508	.3320	.7977	.5402
.5020	-.4496	.6003	.8901	1.0000	.2247	.7708	.6243
.5270	-.4552	.5998	.8913				
.5520	-.4488	.6003	.8921				
.5770	-.4511	.5996	.8911				
.6020	-.4533	.5990	.8911				
.6270	-.4586	.5983	.8933				
.6519	-.4545	.5996	.8913				
.6770	-.4562	.5985	.8930				
.7020	-.4460	.6018	.8878				
.7516	-.4080	.6120	.8719				
.8017	-.3316	.6301	.8439				
.8519	-.2371	.6530	.8071				
.9012	-.1373	.6789	.7685				
.9518	-.0149	.7108	.7191				
1.0000	.1416	.7494	.6585				

TABLE II.- Continued.

TEST 118 RUN 46 POINT 1 GRIT ***OFF***
 PT = 5.5944 TT = 106.3 M:INF = .7412 RC*E06 = 47.99 ALPHA = .00
 CM = .1772 CM.25 = -.1103

CD2 CD1 CD3 CD4 CD5
 .00707 .00701(-.00007) .00692(-.00019) .00649(-.00059) .00618(-.00089)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00652 .00660(.00008) .00651(-.00001) .00626(-.00026) .00607(-.00045)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1636	1.0051	0.0000	0.0000	1.1619	1.0047	0.0000
.0075	-.4380	.5830	.9173	.0100	.4437	.8147	.3516
.0101	-.6303	.5317	.9993	.0177	-.2114	.7537	.6319
.0164	-.9206	.4344	1.1293	.0226	-.2393	.6339	.8382
.0200	-1.6036	.4315	1.1701	.1023	-.4865	.5685	.9403
.0265	-.5414	.3543	.9630	.1527	-.5337	.5545	.9625
.0308	-.7189	.5083	1.0376	.2020	-.5951	.5385	.9882
.0364	-.5231	.5587	.9559	.2770	-.7103	.5084	1.0374
.0518	-.4455	.5802	.9218	.3757	-.5725	.5441	.9792
.0769	-.3923	.5934	.9011	.4507	-.3800	.5942	.8999
.1019	-.3481	.6051	.8828	.5257	-.1662	.6915	.8110
.1518	-.3099	.6150	.8675	.6007	.0146	.6990	.7375
.2019	-.2706	.6246	.8525	.6755	.1635	.7390	.6751
.2519	-.2838	.6214	.8575	.7173	.2291	.7563	.6477
.3018	-.2873	.6198	.8600	.8507	.3504	.7891	.5945
.4018	-.3324	.6068	.8801	.9010	.3608	.7917	.5902
.4519	-.3462	.6036	.8851	.9508	.3141	.7794	.6105
.5020	-.3435	.6038	.8849	1.0000	.1428	.7343	.6825
.5270	-.3542	.6015	.8885				
.5520	-.3559	.6007	.8896				
.5770	-.3667	.5989	.8924				
.6020	-.3797	.5952	.8982				
.6270	-.3916	.5920	.9032				
.6519	-.3939	.5920	.9033				
.6770	-.4086	.5875	.9102				
.7020	-.4073	.5883	.9090				
.7516	-.3840	.5941	.9000				
.8017	-.3164	.6126	.8711				
.8519	-.2299	.6360	.8348				
.9012	-.1338	.6612	.7959				
.9518	-.0100	.6936	.7460				
1.0000	.1418	.7336	.6836				

TEST 118 RUN 46 POINT 2 GRIT ***OFF***
 PT = 5.5949 TT = 106.9 M:INF = .7420 RC*E06 = 47.80 ALPHA = 1.06
 CM = .3391 CM.25 = -.1103

CD2 CD1 CD3 CD4 CD5
 .00787 .00780(-.00007) .00772(-.00014) .00719(-.00068) .00691(-.00096)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00729 .00725(-.00004) .00723(-.00006) .00689(-.00040) .00673(-.00056)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1375	.9982	.0509	0.0000	1.1375	.9980	.5533
.0075	-.6672	.5202	1.0179	.0100	.6130	.6591	.4731
.0101	-.9065	.4561	1.1263	.0177	.3826	.7981	.3796
.0164	-1.1953	.3823	1.2626	.0526	-.0668	.6792	.7001
.0200	-1.2911	.3544	1.3185	.1023	-.3170	.6133	.8701
.0265	-1.2917	.3546	1.3182	.1527	-.3826	.5960	.8969
.0308	-1.3069	.3500	1.3277	.2020	-.4556	.5766	.9274
.0364	-1.2782	.3570	1.3114	.2770	-.5514	.5510	.9680
.0518	-1.1587	.3900	1.2476	.3757	-.4911	.5666	.9432
.0764	-.4568	.5759	.9284	.4507	-.3253	.6110	.8754
.1019	-.4368	.5816	.9196	.5257	-.1259	.6631	.7929
.1518	-.4066	.5897	.9069	.6007	.0463	.7081	.7234
.2019	-.3610	.6026	.8882	.6755	.1891	.7452	.6653
.2519	-.3659	.6001	.8905	.7173	.2533	.7821	.6384
.3018	-.3626	.6006	.8897	.8507	.3685	.7926	.5887
.4018	-.3974	.5919	.9034	.9010	.3742	.7959	.5833
.4519	-.4045	.5893	.9074	.9508	.3239	.7826	.6052
.5020	-.3965	.5906	.9055	1.0000	.1424	.7345	.6820
.5270	-.4066	.5866	.9117				
.5520	-.4051	.5866	.9116				
.5770	-.4134	.5836	.9164				
.6020	-.4227	.5848	.9144				
.6270	-.4301	.5828	.9175				
.6519	-.4316	.5826	.9180				
.6770	-.4389	.5802	.9217				
.7020	-.4362	.5807	.9210				
.7516	-.4042	.5891	.9077				
.8017	-.3288	.6080	.8781				
.8519	-.2349	.6318	.8412				
.9012	-.1333	.6616	.7953				
.9518	-.0072	.6957	.7426				
1.0000	.1415	.7340	.6829				

TABLE II.- Continued.

TEST 110 RUN 46 POINT 3 GRIT ***OFF***
 PT = 5.5949 TT = 106.7 M,INF = .7357 RC*E06 = 47.66 ALPHA = 1.56
 CM = .3992 CM.25 = -.1080

CDZ CD1 CD3 CD4 CD5
 .00874 .00854(-.00020) .00848(-.00025) .00797(-.00076) .00773(-.00059)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00819 .00800(-.00019) .00800(-.00019) .00774(-.00045) .00759(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1187	.9935	.0970	0.0000	1.1155	.9926	.1037
.0075	-.7940	.4896	1.0688	.0100	.6800	.8784	.4364
.0101	-1.0113	.4333	1.1668	.0177	.4530	.8187	.5449
.0164	-1.3035	.3964	1.3144	.0526	.0073	.7011	.7343
.0200	-1.3969	.3340	1.3616	.1023	-.2438	.6357	.8393
.0265	-1.4128	.3287	1.3730	.1527	-.3163	.6163	.8653
.0308	-1.4169	.3268	1.3772	.2020	-.3914	.5974	.8948
.0364	-1.4037	.3322	1.3654	.2770	-.4835	.5733	.9325
.0518	-1.3071	.3563	1.3147	.3757	-.4464	.5818	.9192
.0769	-1.1562	.3950	1.2380	.4507	-.2976	.6211	.8979
.1019	-.4568	.5771	.9267	.5257	-.1069	.6713	.7803
.1518	-.4052	.5929	.9017	.6007	.0597	.7161	.7110
.2019	-.3829	.5996	.8913	.6755	.1999	.7525	.6536
.2519	-.3924	.5972	.8950	.7173	.2688	.7687	.6277
.3018	-.3892	.5968	.8957	.8307	.3724	.7982	.5794
.4018	-.4218	.5885	.9088	.9010	.3787	.7998	.5768
.4519	-.4264	.5873	.9105	.9508	.3272	.7861	.5994
.5020	-.4139	.5919	.9033	1.0000	.1403	.7370	.6782
.5270	-.4220	.5893	.9074				
.5520	-.4188	.5905	.9055				
.5770	-.4266	.5889	.9081				
.6020	-.4336	.5869	.9111				
.6270	-.4403	.5849	.9144				
.6519	-.4393	.5949	.9143				
.6770	-.4462	.5837	.9162				
.7020	-.4409	.5848	.9144				
.7516	-.4062	.5937	.9005				
.8017	-.3305	.6140	.8690				
.8519	-.2360	.6376	.8324				
.9012	-.1335	.6642	.7913				
.9518	-.0070	.6983	.7385				
1.0000	.1396	.7372	.6779				

TEST 110 RUN 46 POINT 4 GRIT ***OFF***
 PT = 5.5946 TT = 106.8 M,INF = .7329 RC*E06 = 47.49 ALPHA = 1.82
 CM = .4333 CM.25 = -.1068

CDZ CD1 CD3 CD4 CD5
 .00940 .00940(-.00001) .00912(-.00029) .00870(-.00070) .00854(-.00087)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00885 .00884(-.00001) .00854(-.00031) .00832(-.00052) .00825(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1086	.9907	.1159	0.0000	1.1077	.9962	.1195
.0075	-.8434	.4737	1.0958	.0100	.7112	.8862	.4709
.0101	-1.0322	.4217	1.1880	.0177	.4871	.8280	.5273
.0164	-1.3403	.3454	1.3373	.0526	.0420	.7129	.7158
.0200	-1.4136	.3240	1.3833	.1023	-.2087	.6470	.8178
.0265	-1.4532	.3165	1.3999	.1527	-.2833	.6281	.8470
.0308	-1.4577	.3149	1.4036	.2020	-.3591	.6085	.8774
.0364	-1.4263	.3206	1.3907	.2770	-.4525	.5842	.9154
.0518	-1.3696	.3436	1.3411	.3757	-.4226	.5923	.9028
.0769	-1.2693	.3706	1.2856	.4507	-.2819	.6290	.8456
.1019	-.7275	.5114	1.0323	.5257	-.0981	.6774	.7709
.1518	-.3905	.6001	.8904	.6007	.0651	.7203	.7044
.2019	-.3849	.6018	.8878	.6755	.2035	.7558	.6485
.2519	-.4016	.5975	.8946	.7173	.2646	.7711	.6238
.3018	-.4006	.5980	.8938	.8307	.3752	.8002	.5761
.4018	-.4301	.5904	.9057	.9010	.3812	.8019	.5732
.4519	-.4341	.5899	.9064	.9508	.3273	.7883	.5959
.5020	-.4211	.5939	.9002	1.0000	.1390	.7385	.6758
.5270	-.4282	.5912	.9044				
.5520	-.4247	.5912	.9044				
.5770	-.4300	.5903	.9059				
.6020	-.4389	.5882	.9092				
.6270	-.4443	.5875	.9103				
.6519	-.4430	.5867	.9114				
.6770	-.4491	.5864	.9119				
.7020	-.4413	.5881	.9092				
.7516	-.4072	.5966	.8961				
.8017	-.3305	.6156	.8665				
.8519	-.2363	.6407	.8275				
.9012	-.1345	.6670	.7869				
.9518	-.0093	.7607	.7349				
1.0000	.1375	.7390	.6750				

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TABLE II.- Continued.

TEST 118 RUN 46 POINT 5 GRIT ***OFF***
 PT = 5.5949 TT = 106.4 M,INF = .7388 RC*E06 = 48.01 ALPHA = 1.75
 CM = .4306 CM.25 = -.1071
 CD2 CD1 CD3 CD4 CD5
 .00945 .00922(-.00024) .00906(-.00039) .00865(-.00080) .00847(-.00098)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00890 .00865(-.00026) .00858(-.00033) .00822(-.00069) .00823(-.00068)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1105	.9912	.1132	0.0000	1.1072	.9905	.1175
.0075	-.8472	.4765	1.0911	.0100	.7045	.8843	.4248
.0101	-1.0387	.4251	1.1618	.0177	.4794	.8245	.9349
.0164	-1.3298	.3477	1.3325	.0326	.0327	.7071	.7249
.0200	-1.4101	.3264	1.3700	.1023	-.2170	.6405	.8279
.0265	-1.4421	.3188	1.3949	.1527	-.2942	.6201	.8593
.0308	-1.4478	.3173	1.3981	.2020	-.3698	.6001	.8906
.0364	-1.4218	.3234	1.3848	.2770	-.4662	.5748	.9303
.0518	-1.3349	.3456	1.3369	.3757	-.4329	.5828	.9177
.0769	-1.2349	.3725	1.2819	.4507	-.2872	.6217	.8571
.1019	-.8488	.4737	1.0960	.5257	-.0989	.6708	.7812
.1518	-.3757	.5987	.8927	.6007	.0657	.7152	.7124
.2019	-.3746	.5989	.8925	.6755	.2048	.7518	.6549
.2519	-.3955	.5935	.9009	.7173	.2659	.7688	.6276
.3018	-.3960	.5926	.9024	.8507	.3765	.7976	.5804
.4018	-.4310	.5837	.9164	.9010	.3828	.7994	.5776
.4519	-.4348	.5819	.9192	.9508	.3300	.7851	.6012
.5020	-.4221	.5864	.9120	1.0000	.1422	.7358	.6802
.5270	-.4298	.5842	.9156				
.5520	-.4272	.5863	.9122				
.5770	-.4335	.5841	.9157				
.6020	-.4407	.5823	.9185				
.6270	-.4488	.5795	.9228				
.6519	-.4457	.5807	.9210				
.6770	-.4541	.5788	.9239				
.7020	-.4486	.5811	.9204				
.7516	-.4090	.5912	.9045				
.8017	-.3317	.6111	.8735				
.8519	-.2356	.6392	.8362				
.9012	-.1332	.6634	.7926				
.9518	-.0054	.6966	.7413				
1.0000	.1412	.7357	.6803				

TEST 118 RUN 46 POINT 6 GRIT ***OFF***
 PT = 5.5990 TT = 106.3 M,INF = .7356 RC*E06 = 47.90 ALPHA = 1.96
 CM = .4673 CM.25 = -.1056
 CD2 CD1 CD3 CD4 CD5
 .01027 .01001(-.00026) .00985(-.00042) .00936(-.00090) .00924(-.00103)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00955 .00932(-.00023) .00937(-.00018) .00906(-.00049) .00903(-.00052)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.0979	.9882	.1308	0.0000	1.0966	.9876	.1340
.0075	-.9040	.4612	1.1175	.0100	.7337	.8925	.4083
.0101	-1.0953	.4123	1.2055	.0177	.5125	.8338	.5187
.0164	-1.3808	.3381	1.3528	.0326	.0685	.7177	.7085
.0200	-1.4543	.3166	1.3999	.1023	-.1838	.6515	.8110
.0265	-1.4885	.3088	1.4176	.1527	-.2627	.6304	.8436
.0308	-1.4944	.3075	1.4205	.2020	-.3392	.6117	.8725
.0364	-1.4662	.3134	1.4069	.2770	-.4340	.5875	.9103
.0518	-1.3874	.3339	1.3619	.3757	-.4088	.5932	.9015
.0769	-1.3039	.3572	1.3127	.4507	-.2718	.6296	.8448
.1019	-1.1988	.3849	1.2576	.5257	-.0906	.6767	.7721
.1518	-.3735	.6012	.8888	.6007	.0712	.7193	.7060
.2019	-.3700	.6037	.8851	.6755	.2086	.7547	.6502
.2519	-.4000	.5964	.8964	.7173	.2698	.7703	.6252
.3018	-.4032	.5946	.8992	.8507	.3794	.7998	.5768
.4018	-.4396	.5856	.9133	.9010	.3853	.8003	.5760
.4519	-.4437	.5841	.9157	.9508	.3306	.7871	.5978
.5020	-.4302	.5880	.9096	1.0000	.1403	.7368	.6786
.5270	-.4358	.5855	.9134				
.5520	-.4338	.5853	.9138				
.5770	-.4382	.5855	.9136				
.6020	-.4465	.5813	.9201				
.6270	-.4513	.5822	.9187				
.6519	-.4501	.5818	.9193				
.6770	-.4537	.5813	.9201				
.7020	-.4493	.5814	.9200				
.7516	-.4114	.5914	.9042				
.8017	-.3323	.6134	.8700				
.8519	-.2367	.6377	.8323				
.9012	-.1340	.6651	.7900				
.9518	-.0076	.6983	.7386				
1.0000	.1389	.7371	.6782				

ORIGINAL DATA OF POOR QUALITY

TABLE II.- Continued.

TEST 118 RUN 46 POINT 7 GRIT ***OFF***
 PT = 5.5952 TT = 107.1 M,INF = .7378 RC*E06 = 47.45 ALPHA = 2.24
 CN = .4973 CM.25 = -.1093

CD2 CD1 CD3 CD4 CD5
 .01166 .01134(-.00033) .01131(-.00036) .01130(-.00036) .01080(-.00086)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01118 .01082(-.00036) .01082(-.00036) .01115(-.00003) .01068(-.00051)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0899	.9857	.1442	0.0000	1.0849	.9844	.1506
.0075	-.9524	.4469	1.1425	.0100	.7626	.8988	.3952
.0101	-1.1227	.4007	1.2270	.0177	.5451	.8416	.5049
.0164	-1.4047	.3274	1.3758	.0526	.1040	.7249	.6972
.0200	-1.4744	.3065	1.4227	.1023	-.1503	.6590	.7993
.0265	-1.5068	.2980	1.4424	.1527	-.2338	.6361	.8347
.0308	-1.5196	.2969	1.4451	.2020	-.3132	.6146	.8680
.0364	-1.4885	.3027	1.4313	.2770	-.4119	.5890	.9078
.0518	-1.4217	.3217	1.3883	.3757	-.5924	.5940	.9600
.0769	-1.3440	.3420	1.3444	.4507	-.2592	.6291	.8454
.1019	-1.2607	.3663	1.2942	.5257	-.0804	.6767	.7719
.1518	-.9580	.5399	.9859	.6007	.0786	.7186	.7070
.2019	-.9294	.6103	.8746	.6755	.2156	.7345	.6504
.2519	-.9772	.5982	.8935	.7173	.2759	.7705	.6247
.3018	-.9977	.5926	.9022	.8507	.3833	.7989	.5782
.4018	-.4473	.5794	.9229	.9010	.3677	.8013	.5743
.4519	-.4531	.5784	.9245	.9508	.3334	.7864	.5989
.5020	-.4403	.5815	.9196	1.0000	.1418	.7354	.6807
.5270	-.4452	.5798	.9222				
.5520	-.4412	.5811	.9203				
.5770	-.4471	.5794	.9228				
.6020	-.4538	.5799	.9221				
.6270	-.4586	.5777	.9256				
.6519	-.4557	.5777	.9257				
.6770	-.4611	.5777	.9256				
.7020	-.4525	.5798	.9223				
.7516	-.4133	.5900	.9062				
.8017	-.3338	.6119	.8720				
.8519	-.2366	.6371	.8330				
.9012	-.1339	.6649	.7902				
.9518	-.0074	.6983	.7385				
1.0000	.1396	.7358	.6801				

TEST 118 RUN 46 POINT 8 GRIT ***OFF***
 PT = 5.5953 TT = 107.7 M,INF = .7385 RC*E06 = 47.14 ALPHA = 2.44
 CN = .5416 CM.25 = -.1031

CD2 CD1 CD3 CD4 CD5
 .01283 .01264(-.00018) .01264(-.00018) .01224(-.00037) .01222(-.00061)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .01226 .01208(-.00018) .01244(.00018) .01209(-.00018) .01206(-.00020)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.0787	.9827	.1387	0.0000	1.0770	.9819	.1623
.0075	-.9787	.4369	1.1603	.0100	.7860	.8951	.3818
.0101	-1.1446	.3937	1.2403	.0177	.5704	.8479	.4935
.0164	-1.4375	.3184	1.3956	.0526	.1320	.7312	.6872
.0200	-1.4925	.2991	1.4398	.1021	-.1255	.6839	.7916
.0265	-1.5369	.2904	1.4604	.1527	-.2100	.6415	.8262
.0308	-1.5390	.2893	1.4631	.2020	-.2929	.6197	.8599
.0364	-1.5105	.2943	1.4511	.2770	-.3920	.5944	.8993
.0518	-1.4510	.3125	1.4088	.3757	-.5924	.5982	.9607
.0769	-1.3750	.3314	1.3670	.4507	-.2491	.6321	.8407
.1019	-1.2980	.3537	1.3199	.5257	-.0732	.6792	.7680
.1518	-1.1947	.5315	1.2446	.6007	.0834	.7194	.7056
.2019	-.9527	.6038	.8846	.6755	.2199	.7563	.6476
.2519	-.9343	.6043	.8838	.7173	.2791	.7717	.6227
.3018	-.9379	.5957	.8973	.8507	.3868	.8001	.5762
.4018	-.4494	.5762	.9232	.9010	.3908	.8012	.5743
.4519	-.4588	.5776	.9237	.9508	.3355	.7865	.5986
.5020	-.4437	.5743	.9230	1.0000	.1400	.7348	.6814
.5270	-.4504	.5794	.9228				
.5520	-.4470	.5801	.9218				
.5770	-.4521	.5787	.9240				
.6020	-.4581	.5772	.9263				
.6270	-.4618	.5760	.9281				
.6519	-.4596	.5763	.9274				
.6770	-.4661	.5755	.9289				
.7020	-.4564	.5778	.9254				
.7516	-.4166	.5869	.9111				
.8017	-.3355	.6089	.8767				
.8519	-.2374	.6359	.8348				
.9012	-.1343	.6634	.7923				
.9518	-.0082	.6965	.7413				
1.0000	.1394	.7352	.6809				

TABLE II.- Continued.

TEST 118 RUN 47 POINT 1 GRIT ***OFF***
 PT = 5.5016 TT = 106.7 M,INF = .7564 RC*E06 = 47.64 ALPHA = .01
 CM = .1804 CM.25 = -.1110

CD2 CD1 CD3 CD4 CD5
 .00719 .00706(-.00013) .00697(-.00021) .00657(-.00062) .00620(-.00098)
 CDCDR2 CDCDR1 CDCDR3 CDCR4 CDCR5
 .00677 .00665(-.00012) .00659(-.00018) .00628(-.00049) .00607(-.00070)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1697	1.0052	0.0000	0.0000	1.1681	1.0049	0.0000
.0075	-.4106	.5779	.9252	.0100	.4582	.8118	.5563
.0101	-.5924	.5274	1.0061	.0177	.1166	.7180	.7080
.0164	-.8933	.4462	1.1437	.0526	-.1947	.6333	.8389
.0200	-.9920	.4185	1.1936	.1023	-.4454	.5661	.9439
.0265	-.5946	.5259	1.0086	.1527	-.5325	.5420	.9825
.0308	-.9625	.4271	1.1740	.2020	-.5932	.5246	1.0107
.0364	-.4934	.5538	.9634	.2770	-.7173	.4917	1.0651
.0518	-.4367	.5672	.9421	.3757	-.5969	.5231	1.0131
.0769	-.3960	.5785	.9243	.4507	-.4863	.5810	.9204
.1019	-.3908	.5916	.9034	.5257	-.1974	.6326	.8399
.1318	-.3091	.6027	.8863	.6007	.0208	.6922	.7480
.2019	-.2726	.6119	.8721	.6755	.1702	.6256	.6861
.2519	-.2860	.6090	.8766	.7173	.2363	.7436	.6582
.3018	-.2911	.6065	.8805	.8507	.3572	.7895	.6037
.4018	-.3380	.5942	.8997	.9010	.3673	.7855	.6004
.4519	-.3906	.5910	.9047	.9508	.3205	.7738	.6195
.5020	-.3494	.5915	.9040	1.0000	.1491	.7269	.6940
.5270	-.3607	.5870	.9109				
.5520	-.3633	.5858	.9129				
.5770	-.3748	.5840	.9156				
.6020	-.3886	.5789	.9237				
.6270	-.4009	.5774	.9260				
.6519	-.4063	.5756	.9289				
.6770	-.4189	.5729	.9332				
.7020	-.4184	.5721	.9345				
.7516	-.3908	.5809	.9205				
.8017	-.3163	.6009	.8893				
.8519	-.2266	.6247	.8522				
.9012	-.1286	.6529	.8087				
.9516	-.0034	.6860	.7576				
1.0000	.1486	.7273	.6934				

TEST 118 RUN 47 POINT 2 GRIT ***OFF***
 PT = 5.5015 TT = 106.9 M,INF = .7596 RC*E06 = 47.65 ALPHA = 1.01
 CM = .3089 CM.25 = -.1112

CD2 CD1 CD3 CD4 CD5
 .00787 .00776(-.00010) .00792(-.00009) .00736(-.00050) .00690(-.00096)
 CDCDR2 CDCDR1 CDCDR3 CDCR4 CDCR5
 .00726 .00723(-.00003) .00739(-.00013) .00699(-.00028) .00667(-.00059)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1512	.9995	.0257	0.0000	1.1497	.9991	.0368
.0075	-.5940	.5214	1.0198	.0100	.6141	.8524	.4854
.0101	-.6146	.5169	1.0232	.0177	-.6761	.4990	1.0529
.0164	-1.1067	.3815	1.2639	.0526	-.1563	.6420	.8255
.0200	-1.1843	.3591	1.3088	.1023	-.1659	.6390	.8300
.0265	-1.2129	.3920	1.3234	.1527	-.2666	.6114	.8728
.0308	-1.2262	.3497	1.3281	.2020	-.3866	.5782	.9248
.0364	-1.1937	.3949	1.3174	.2770	-.4826	.5522	.9660
.0518	-1.1098	.3802	1.2664	.3757	-.5240	.5416	.9831
.0769	-.7534	.4787	1.0871	.4507	-.4126	.5716	.9332
.1019	-.3868	.5786	.9242	.5257	-.2673	.6120	.8710
.1318	-.3901	.5776	.9256	.6007	-.0045	.6829	.7624
.2019	-.3350	.5868	.9112	.6755	.1934	.7287	.6754
.2519	-.3659	.5842	.9153	.7173	.2590	.7554	.6489
.3018	-.3548	.5851	.9139	.8507	.3742	.7868	.5983
.4018	-.4056	.5735	.9321	.9010	.3819	.7804	.5940
.4519	-.4150	.5717	.9351	.9508	.3316	.7755	.6167
.5020	-.4066	.5727	.9335	1.0000	.1504	.7258	.6957
.5270	-.4143	.5722	.9342				
.5520	-.4143	.5712	.9358				
.5770	-.4237	.5683	.9405				
.6020	-.4339	.5664	.9434				
.6270	-.4442	.5633	.9484				
.6519	-.4460	.5627	.9493				
.6770	-.4578	.5594	.9545				
.7020	-.4513	.5607	.9525				
.7516	-.4134	.5732	.9327				
.8017	-.3304	.5948	.8988				
.8519	-.2319	.6205	.8587				
.9012	-.1280	.6503	.8126				
.9516	.0006	.6853	.7586				
1.0000	.1494	.7255	.6962				

TABLE II.- Continued.

TEST 118 RUN 47 POINT 3 GRIT ***OFF***
 PT = 5.5017 TT = 107.0 M,INF = .7606 RC*E06 = 47.63 ALPHA = 1.44
 CM = .4129 CH.25 = -.1154

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1380	.9957	.0785	0.0000	1.1346	.9948	.0867
.0075	-.6826	.4962	1.0375	.0100	.6737	.8689	.4566
.0101	-.9367	.5388	.9876	.0177	-.7675	.4767	1.0906
.0164	-1.1817	.3592	1.3085	.0926	-.1721	.6379	.8117
.0200	-1.2423	.3475	1.3328	.1023	-.0772	.6647	.7904
.0265	-1.2958	.3299	1.3702	.1527	-.1341	.6480	.8161
.0306	-1.3035	.3293	1.3714	.2020	-.1990	.6308	.8428
.0364	-1.2959	.3329	1.3638	.2770	-.3995	.5759	.9284
.0518	-1.2145	.3548	1.3175	.3757	-.4751	.5551	.9615
.0769	-1.1144	.3804	1.2662	.4507	-.5106	.6000	.8907
.1019	-.9996	.4132	1.2036	.5257	-.1076	.6531	.8052
.1518	-.9419	.5912	.9043	.6007	.0640	.7026	.7319
.2019	-.3493	.5897	.9067	.6755	.2060	.7402	.6731
.2519	-.3797	.5813	.9199	.7173	.2690	.7576	.6455
.3018	-.3861	.5794	.9229	.8507	.3828	.7885	.5954
.4018	-.4306	.5672	.9422	.9010	.3876	.7905	.5922
.4519	-.4399	.5682	.9470	.9508	.3360	.7763	.6154
.5020	-.4267	.5685	.9401	1.0000	.1488	.7252	.6986
.5270	-.4357	.5642	.9469				
.5520	-.4336	.5650	.9456				
.5770	-.4425	.5621	.9502				
.6020	-.4521	.5605	.9527				
.6270	-.4590	.5586	.9559				
.6519	-.4605	.5585	.9561				
.6770	-.4706	.5547	.9620				
.7020	-.4641	.5565	.9591				
.7516	-.4223	.5679	.9411				
.8017	-.3353	.5900	.9062				
.8519	-.2338	.6188	.8613				
.9012	-.1276	.6478	.8164				
.9518	.0021	.6828	.7624				
1.0000	.1492	.7247	.6975				

TEST 118 RUN 47 POINT 4 GRIT ***OFF***
 PT = 5.5019 TT = 107.0 M,INF = .7374 RC*E06 = 47.91 ALPHA = 1.72
 CM = .4358 CH.25 = -.1097

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PT	MLOC	X/C	CP	P/PT	MLOC
0.0000	1.1267	.9930	.1008	0.0000	1.1227	.9920	.1076
.0075	-.7571	.4794	1.0860	.0100	.7066	.8783	.4366
.0101	-.9580	.4257	1.1805	.0177	.4839	.8180	.5439
.0164	-1.2351	.3479	1.3319	.0926	.0393	.6969	.7407
.0200	-1.3205	.3260	1.3788	.1023	-.2175	.6263	.8498
.0265	-1.3481	.3171	1.3984	.1527	-.2984	.6051	.8827
.0306	-1.3594	.3164	1.4000	.2020	-.3794	.5829	.9174
.0364	-1.3379	.3212	1.3893	.2770	-.4905	.5533	.9643
.0518	-1.2628	.3421	1.3441	.3757	-.4500	.5629	.9489
.0769	-1.1809	.3867	1.2979	.4507	-.2938	.6060	.8813
.1019	-1.0937	.3867	1.2939	.5257	-.0972	.6595	.7984
.1518	-.4306	.5691	.9392	.6007	.0766	.7039	.7268
.2019	-.3225	.5984	.8931	.6755	.2104	.7435	.6681
.2519	-.3714	.5856	.9131	.7173	.2727	.7605	.6408
.3018	-.3871	.5801	.9219	.8507	.3634	.7905	.5921
.4018	-.4411	.5658	.9443	.9010	.3899	.7918	.5899
.4519	-.4489	.5637	.9477	.9508	.3365	.7778	.6138
.5020	-.4364	.5679	.9410	1.0000	.1475	.7264	.6988
.5270	-.4436	.5650	.9456				
.5520	-.4407	.5661	.9439				
.5770	-.4479	.5639	.9473				
.6020	-.4585	.5602	.9533				
.6270	-.4643	.5595	.9543				
.6519	-.4645	.5596	.9542				
.6770	-.4735	.5569	.9586				
.7020	-.4641	.5592	.9549				
.7516	-.4225	.5705	.9370				
.8017	-.3360	.5939	.9000				
.8519	-.2349	.6223	.8559				
.9012	-.1296	.6504	.8124				
.9518	.0004	.6858	.7579				
1.0000	.1476	.7262	.6951				

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE II.- Continued.

PT = 5.5016 TEST 118 RUN 47 POINT 5 GRIT ***OFF***
 CM = .4841 TT = 107.2 M, INF = .7583 RC*E06 = 47.41 ALPHA = 1.96

CD2 CD1 CD3 CD4 CD5
 .01064 .01058(-.00006) .01066(-.00002) .01030(-.00024) .01025(-.00039)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .00994 .01001(-.00007) .01002(-.00008) .00974(-.00020) .00917(-.00078)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1183	.9905	.1176	0.0000	1.1139	.9891	.1239
.0075	-.8035	.4622	1.1103	.0100	.7330	.8849	.4235
.0101	-.9813	.4753	1.1995	.0177	.5128	.8250	.5340
.0164	-1.2605	.3389	1.3510	.0526	.0704	.7055	.7273
.0200	-1.3447	.3169	1.3989	.1023	-.1868	.6346	.8368
.0265	-1.3735	.3078	1.4195	.1527	-.2704	.6103	.8745
.0308	-1.3746	.3076	1.4200	.2020	-.3533	.5885	.9085
.0364	-1.3617	.3122	1.4094	.2770	-.4640	.5586	.9421
.0518	-1.2931	.3311	1.3677	.3757	-.4334	.5672	.9558
.0769	-1.2317	.3508	1.3257	.4507	-.2803	.6080	.8781
.1019	-1.1461	.3727	1.2809	.5257	-.0897	.6594	.7986
.1518	-1.0305	.4024	1.2238	.6007	.0770	.7098	.7268
.2019	-.3117	.5099	.8907	.6755	.2164	.7413	.6662
.2519	-.3394	.5829	.9021	.7173	.2772	.7613	.6396
.3018	-.3739	.5829	.9273	.8507	.3878	.7926	.5921
.4018	-.4432	.5834	.9482	.9508	.3932	.7781	.5886
.4519	-.4574	.5506	.9358	1.0000	.3387	.7254	.6124
.5020	-.4445	.5632	.9485		.1477		.4963
.5270	-.4309	.5624	.9498				
.5520	-.4493	.5830	.9487				
.5770	-.4556	.5596	.9542				
.6020	-.4648	.5583	.9563				
.6270	-.4705	.5574	.9577				
.6519	-.4707	.5564	.9592				
.6770	-.4778	.5551	.9613				
.7020	-.4691	.5567	.9588				
.7516	-.4234	.5697	.9381				
.8017	-.3369	.5927	.9019				
.8519	-.2355	.6215	.8571				
.9012	-.1295	.6498	.8133				
.9518	-.0002	.6853	.7386				
1.0000	.1467	.7256	.6960				

PT = 5.5016 TEST 118 RUN 47 POINT 6 GRIT ***OFF***
 CM = .5132 TT = 108.9 M, INF = .7513 RC*E06 = 46.83 ALPHA = 2.22

CD2 CD1 CD3 CD4 CD5
 .01200 .01199(-.00001) .01187(-.00013) .01153(-.00047) .01149(-.00051)
 CDCOR2 CDCOR1 CDCOR3 CDCOR4 CDCOR5
 .61134 .01125(-.00009) .01123(-.00012) .01103(-.00030) .01133(-.00011)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/P/T	MLOC	X/C	CP	P/P/T	MLOC
0.0000	1.1023	.9869	.1378	0.0000	1.0998	.9861	.1419
.0075	-.8727	.4303	1.1361	.0100	.7602	.8941	.4048
.0101	-1.0460	.4042	1.2201	.0177	.5434	.8365	.5136
.0164	-1.3238	.3282	1.3736	.0526	.1036	.7166	.7097
.0200	-1.4629	.3073	1.4204	.1023	-.1542	.6470	.8175
.0265	-1.4359	.2983	1.4415	.1527	-.2384	.6232	.8541
.0308	-1.4389	.2976	1.4430	.2020	-.3222	.6015	.8880
.0364	-1.4204	.3026	1.4313	.2770	-.4295	.5718	.9244
.0518	-1.3617	.3208	1.3900	.3757	-.4073	.5797	.9221
.0769	-1.2899	.3393	1.3497	.4507	-.2665	.6170	.8638
.1019	-1.2103	.3611	1.3043	.5257	-.0800	.6671	.7864
.1518	-1.1182	.3884	1.2574	.6007	.0829	.7117	.7174
.2019	-.3704	.5884	.9084	.6755	.2194	.7482	.6601
.2519	-.3223	.6009	.8888	.7173	.2806	.7647	.6338
.3018	-.3692	.5900	.8960	.8507	.3891	.7940	.5861
.4018	-.4453	.5687	.9394	.9508	.3920	.7958	.5831
.4519	-.4557	.5635	.9446	1.0000	.3388	.7819	.6000
.5020	-.4461	.5687	.9439		.1451	.7292	.6900
.5270	-.4533	.5661	.9425				
.5520	-.4306	.5688	.9446				
.5770	-.4532	.5634	.9435				
.6020	-.4623	.5649	.9462				
.6270	-.4687	.5644	.9463				
.6519	-.4661	.5644	.9496				
.6770	-.4731	.5623	.9471				
.7020	-.4644	.5638	.9462				
.7516	-.4289	.5767	.9267				
.8017	-.3371	.5986	.8924				
.8519	-.2361	.6259	.8500				
.9012	-.1308	.6534	.8044				
.9518	-.0025	.6903	.7303				
1.0000	.1452	.7291	.6902				

ORIGIN OF POOR CONTACT

TABLE II.- Continued.

PT = 3.4341 TT = 106.5 RUN 48 POINT 1 GRIT ***OFF***
 CM = .1684 CH.25 = -.1116 M,INF = .7775 RC*E06 = 47.96 ALPHA = -.01
 CD2 CD1 CD3 CD4 CD5
 .00828 .00815(-.00013) .00804(-.00025) .00732(-.00097) .00673(-.00156)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00775 .00764(-.00011) .00756(-.00019) .00709(-.00066) .00658(-.00117)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1784	1.0051	0.0000	0.0000	1.1783	1.0050	0.0000
.0075	-.3358	.3726	.9335	.0100	.4722	.8066	.5654
.0101	-.5405	.3210	1.0165	.0177	.2410	.7406	.6725
.0164	-.8430	.4365	1.1610	.0524	-.2062	.6148	.8675
.0200	-.9456	.4056	1.2178	.1023	-.4760	.5386	.9079
.0265	-.8856	.4248	1.1822	.1527	-.5436	.5184	1.0209
.0308	-.9444	.4073	1.2144	.2020	-.5994	.5026	1.0470
.0364	-.8686	.4837	1.0786	.2770	-.7568	.4570	1.1247
.0518	-.4083	.5575	.9576	.3757	-.9415	.4046	1.2196
.0769	-.3964	.5612	.9516	.4507	-.9117	.5037	.9162
.1019	-.3585	.5718	.9350	.5257	-.1385	.6327	.8399
.1318	-.3143	.5832	.9170	.6007	.0298	.8002	.7665
.2019	-.2772	.5936	.9007	.6755	.1741	.7218	.7020
.2319	-.2923	.5885	.9087	.7173	.2384	.7397	.6739
.3018	-.2989	.5865	.9118	.8507	.3584	.7744	.6115
.4018	-.3507	.5727	.9336	.9010	.3885	.7777	.6132
.4319	-.3675	.5680	.9410	.9308	.3222	.7648	.6339
.5020	-.3645	.5688	.9397	1.0000	.1331	.7168	.7096
.5270	-.3740	.5673	.9421				
.5520	-.3781	.5657	.9445				
.5770	-.3893	.5640	.9472				
.6020	-.4041	.5606	.9526				
.6270	-.4154	.5577	.9573				
.6519	-.4234	.5546	.9622				
.6770	-.4411	.5485	.9720				
.7020	-.4392	.5499	.9696				
.7516	-.4057	.5598	.9539				
.8017	-.3231	.5835	.9164				
.8519	-.2277	.6099	.8752				
.9012	-.1260	.6378	.8320				
.9518	.0012	.6742	.7758				
1.0000	.1531	.7160	.7111				

PT = 3.4344 TT = 107.0 RUN 48 POINT 2 GRIT ***OFF***
 CM = .3400 CH.25 = -.1135 M,INF = .7784 RC*E06 = 47.68 ALPHA = 1.01
 CD2 CD1 CD3 CD4 CD5
 .00807 .00796(-.00010) .00806(-.00001) .00746(-.00061) .00723(-.00084)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00751 .00749(-.00002) .00756(-.00005) .00707(-.00044) .00691(-.00066)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PY	MLOC	X/C	CP	P/PY	MLOC
0.0000	1.1621	1.0003	0.0000	0.0000	1.1590	.9994	.0291
.0075	-.3334	.3214	1.0155	.0100	.6174	.8439	.4970
.0101	-.7527	.4591	1.1209	.0177	.3921	.7824	.6054
.0164	-1.0310	.3809	1.2651	.0524	-.0586	.6553	.8049
.0200	-1.1262	.3324	1.3225	.1023	-.3228	.5811	.9201
.0265	-1.1364	.3489	1.3297	.1527	-.3999	.5981	.9565
.0308	-1.1470	.3476	1.3324	.2020	-.4817	.5356	.9927
.0364	-1.1287	.3517	1.3240	.2770	-.6462	.4900	1.0680
.0518	-1.0500	.3745	1.2777	.3757	-.5638	.5149	1.0264
.0769	-.9446	.4049	1.2189	.4507	-.3288	.5804	.9212
.1019	-.7346	.4649	1.1108	.5257	-.1206	.6398	.8288
.1318	-.3369	.5762	.9276	.6007	.0351	.8887	.7533
.2019	-.3402	.5756	.9288	.6755	.1999	.7298	.6892
.2319	-.3631	.5693	.9388	.7173	.2625	.7467	.6628
.3018	-.3706	.5693	.9387	.8507	.3790	.7707	.6098
.4018	-.4202	.5547	.9620	.9010	.3863	.7611	.6075
.4319	-.4312	.5524	.9656	.9308	.3356	.7668	.6306
.5020	-.4234	.5540	.9631	1.0000	.1340	.7159	.7112
.5270	-.4304	.5526	.9654				
.5520	-.4308	.5509	.9680				
.5770	-.4401	.5488	.9715				
.6020	-.4333	.5434	.9801				
.6270	-.4647	.5408	.9863				
.6519	-.4684	.5402	.9832				
.6770	-.4835	.5361	.9919				
.7020	-.4782	.5373	.9899				
.7516	-.4262	.5515	.9671				
.8017	-.3346	.5784	.9244				
.8519	-.2306	.6081	.8780				
.9012	-.1242	.6374	.8325				
.9518	.0069	.6742	.7757				
1.0000	.1548	.7162	.7107				

TABLE II. - Concluded.

TEST 118 RUN 40 POINT 3 GRIT ***OFF***
 PT = 5.4340 TY = 108.1 M.INF = .7730 RC*E06 = 46.77 ALPMA = 1.51
 CN = .4111 CM.25 = -.1119

CD2 CD1 CD3 CD4 CD5
 .00899 .00890(-.00010) .00885(-.00015) .00878(-.00042) .00841(-.00038)
 CDCR2 CDCR1 CDCR3 CDCR4 CDCR5
 .00839 .00834(-.00003) .00829(-.00010) .00810(-.00029) .00767(-.00071)

UPPER SURFACE				LOWER SURFACE			
X/C	CP	P/PPT	MLOC	X/C	CP	P/PPT	MLOC
0.0000	1.1463	.9961	.0748	0.0000	1.1451	.9957	.0787
.0075	-.6295	.4969	1.0562	.0100	.6755	.8638	.4641
.0101	-.8373	.4380	1.1581	.0177	.4960	.8025	.5720
.0164	-1.1182	.3588	1.3092	.0526	.0068	.6765	.7720
.0200	-1.2070	.3352	1.3586	.1023	-.2342	.6039	.8849
.0265	-1.2268	.3284	1.3733	.1527	-.3386	.5803	.9209
.0308	-1.2283	.3279	1.3743	.2020	-.4210	.5565	.9588
.0364	-1.2221	.3309	1.3670	.2770	-.5615	.5175	1.0220
.0518	-1.1516	.3511	1.3249	.3757	-.4958	.5372	.9899
.0769	-1.0717	.3738	1.2789	.4507	-.3114	.5889	.9077
.1019	-.9977	.3949	1.2378	.5257	-.1055	.6461	.8189
.1518	-.6422	.4748	1.0597	.6007	.0666	.6944	.7443
.2019	-.2930	.5923	.9021	.6755	.2108	.7350	.6810
.2519	-.3475	.5775	.9256	.7173	.2727	.7526	.6532
.3018	-.3777	.5702	.9171	.8507	.3851	.7842	.6022
.4018	-.4417	.5525	.9654	.9010	.3923	.7855	.6002
.4519	-.4538	.5486	.9716	.9508	.3398	.7715	.6229
.5020	-.4421	.5521	.9659	1.0000	.1927	.7194	.7055
.5270	-.4475	.5510	.9677				
.5520	-.4462	.5517	.9665				
.5770	-.4538	.5500	.9693				
.6020	-.4654	.5453	.9768				
.6270	-.4731	.5446	.9780				
.6519	-.4739	.5445	.9782				
.6770	-.4857	.5405	.9846				
.7020	-.4767	.5431	.9803				
.7516	-.4274	.5567	.9585				
.8017	-.3569	.5822	.9182				
.8519	-.2336	.6117	.8721				
.9012	-.1249	.6407	.8280				
.9518	.0031	.6773	.7708				
1.0000	.1520	.7187	.7065				

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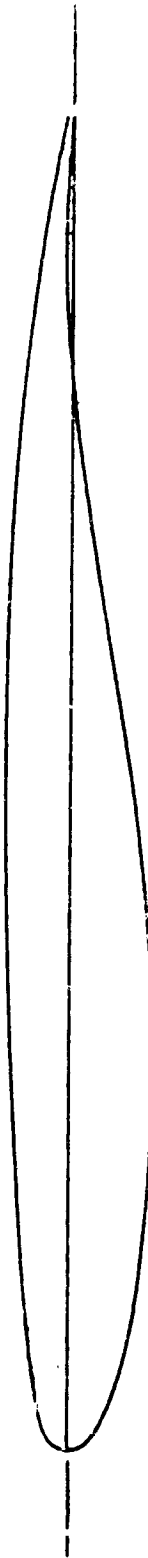
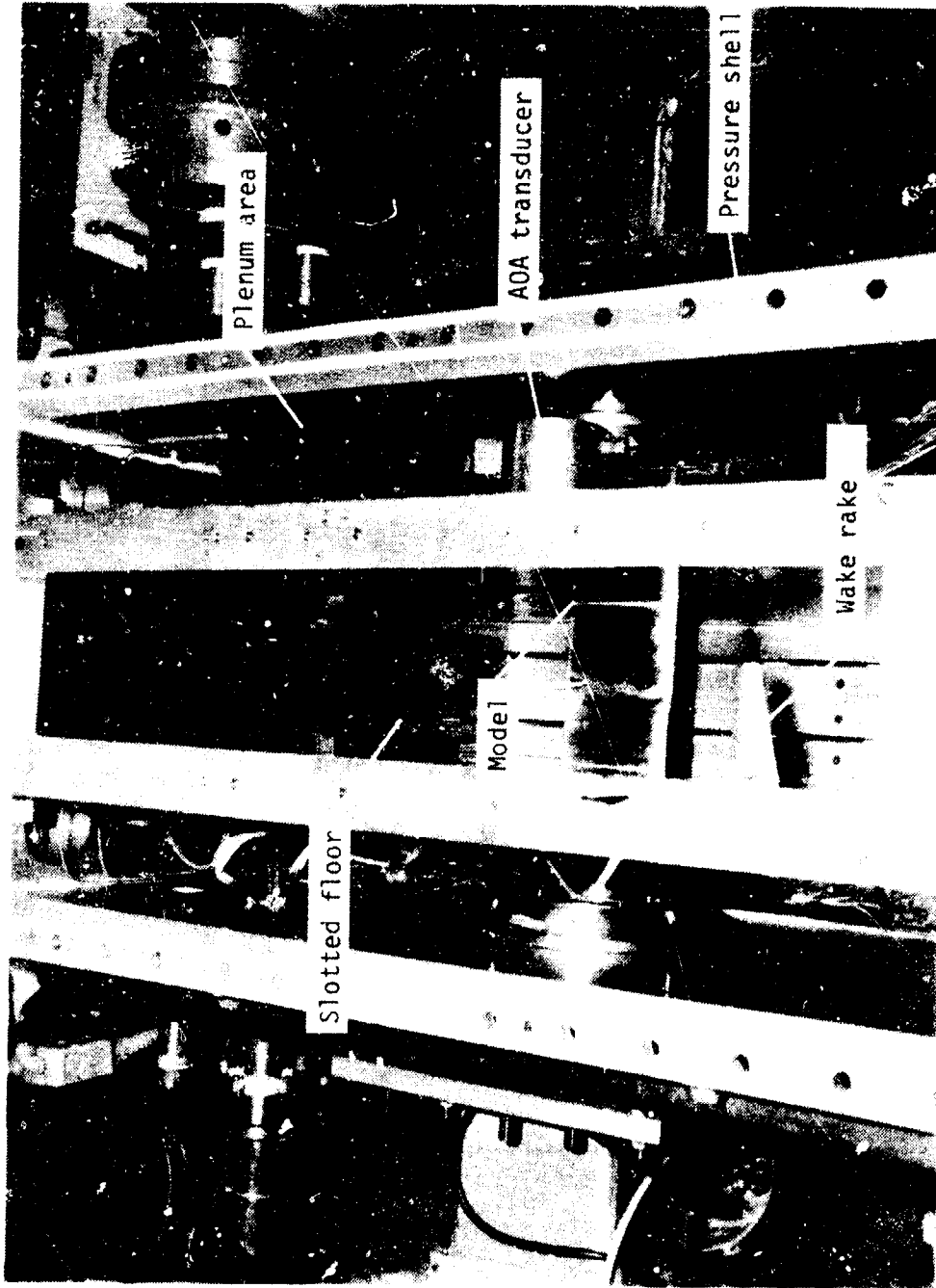


Figure 1.- Shape of the NPL 9510 airfoil.

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L-79-8913.2

Figure 2.- Top view of the test section and significant components of the
Langley 0.3-Meter Transonic Cryogenic Tunnel.

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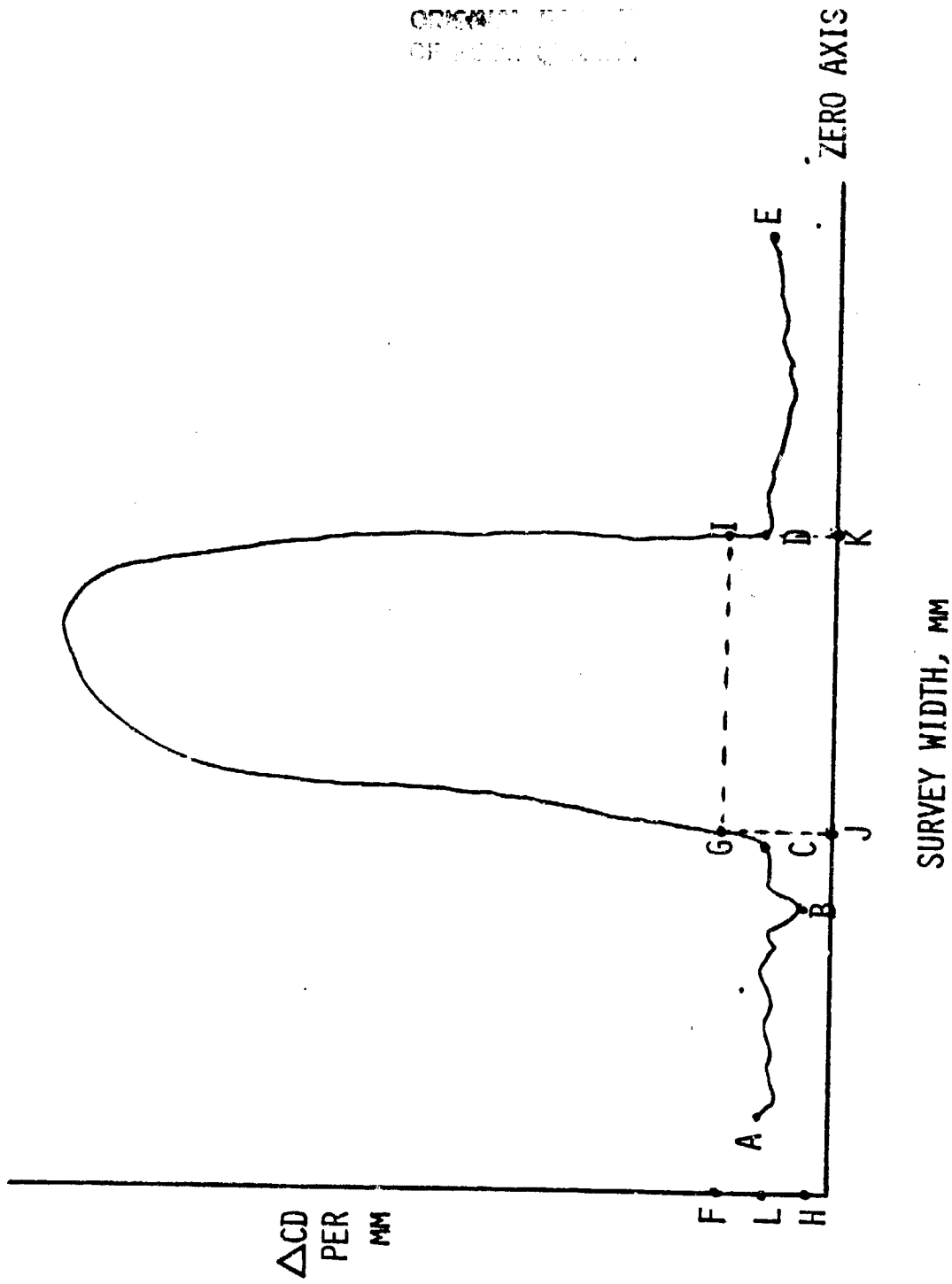


FIGURE 3.- A TYPICAL SURVEY FOR A PITOT TYPE MOMENTUM MEASUREMENT.