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EXPERIMENTAL MEASUREMENTS IN THE TURBULENT BOUNDARY LAYER OF A YAWED, SPINNING OGIVE-CYLINDER BODY OF REVOLUTION AT MACH 3.0. PART II. DATA TABULATION

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Walter B. Sturek

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This report presents a tabulation of data for the experiment which is fully described in Part I. Experiment and Data Analysis. The data consist of turbulent boundary layer profile characteristics and wall shear stress for a yawed, spinning slender body of revolution at Mach 3 for angles of attack up to 6.3°. The data tabulations are presented in a format which facilitates their use for comparison to theoretical computations.

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I. INTRODUCTION

The purpose of this report is to provide a data tabulation for the experiment described in reference 1. These data were obtained in the tripped turbulent boundary layer on a yawed, spinning slender body of revolution at Mach 3 for angles of attack up to 6.3 degrees. The data consist of boundary layer profile characteristics and wall shear stress. Integral properties of the boundary layer have been computed using the profile data. A brief description of the experiment is given here; however, the reader is directed to reference 1 for a more thorough presentation.

II. EXPERIMENT

All experimental results presented in this report were obtained on the secant-ogive-cylinder model (SOC) shown in Figure 1. Data were acquired at Mach 3.0 and angles of attack up to 6.3 degrees. Surveys were made at three longitudinal stations and at numerous circumferential positions on the model at spin rates of 0 and 333 rps. The spin rate of 333 rps corresponds to a dimensionless spin rate (pd/V) of 0.19. The tunnel supply conditions provided a Reynolds number of 7.3×10^6 based on model length.

The primary measurements were impact probe pressures in the bound boundary layer. Local Mach numbers within the boundary layer were determined from the Rayleigh pitot formula assuming a constant static pressure across the boundary layer. The data in this report were reduced using the experimental values of wall static pressure obtained by Reklis[2]. The temperature distribution in the boundary layer was found by assuming the Crocco linear total temperature-velocity relationship:

$$\frac{T_t - T_w}{T_o - T_w} = \frac{u}{u_e} .$$

The wall temperature was assumed equal to the adiabatic wall temperature for turbulent flow.

---

1. *Lyle D. Kayser and Walter B. Sturek, "Experimental Measurements in the Turbulent Boundary Layer of a Yawed, Spinning Ogive-Cylinder Body of Revolution at Mach 3.0. Part I. Description of the Experiment and Data Analysis," BRL Memorandum Report to be published.*

2. *Robert P. Reklis and Walter B. Sturek, "Measurements of Wall Static Pressure on Slender Bodies of Revolution at Angle of Attack," BRL Memorandum Report to be published.*

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III. DISCUSSION

A summary of test conditions for the secant-ogive-cylinder boundary layer surveys is shown in Table I and a complete set of tabulated data can be found in Table II. The Preston tube skin friction data can be found in Table III.

To help clarify the data, the orientation of the probe with respect to the model must be known. The circumferential, or azimuthal, position on the model of $\phi = 0$ degrees is defined as the most windward ray on the model when the model is at some angle of attack. Looking upstream at the model base, with the model at positive angle of attack, $\phi = 0$ is on the bottom (6 o'clock); $\phi = 90$ degrees is to the left (9 o'clock); $\phi = 180$ degrees is on the top (12 o'clock); and $\phi = 270$ degrees is to the right (3 o'clock). A clockwise spin is positive; therefore, a positive spin gives a surface velocity in the same direction as cross flow on the left side of the model. On the right side, cross flow and model surface velocities are in the opposite direction. The model coordinate system is shown in Figure 2 with the arrows indicating positive directions.

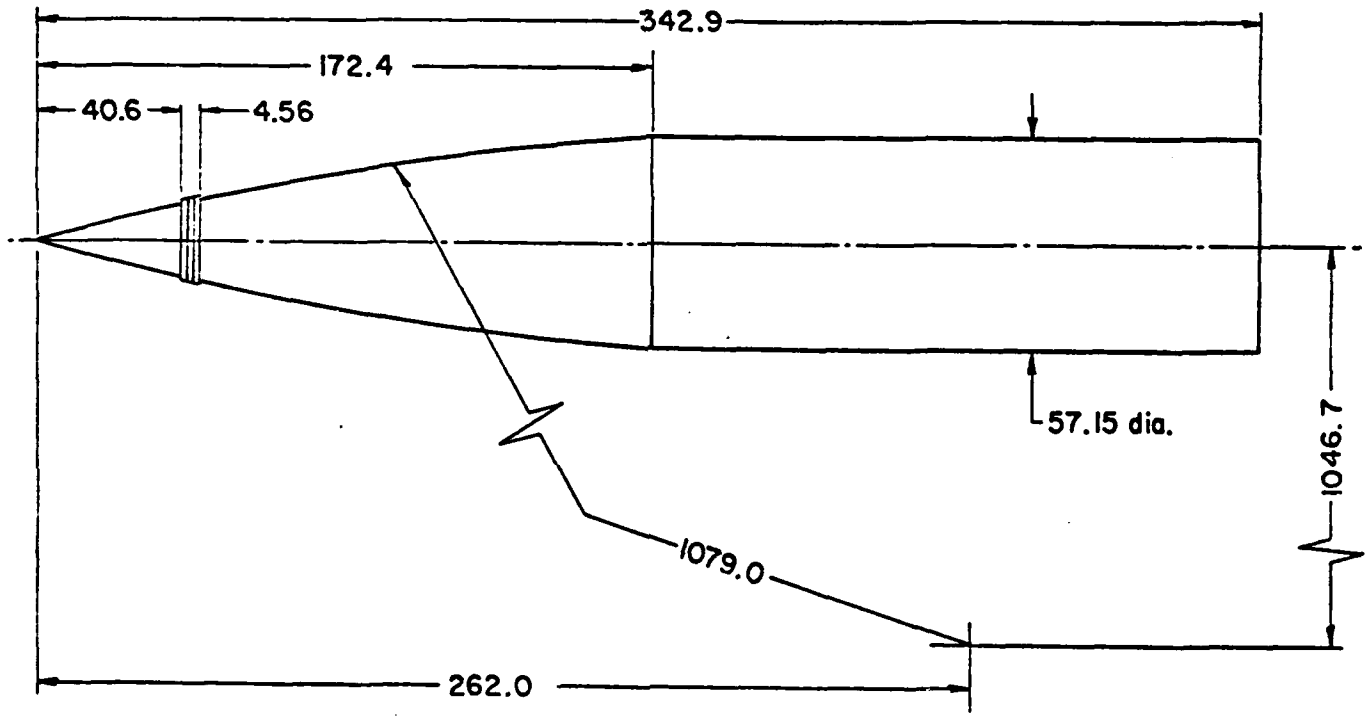

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Figure 1. Model Geometry

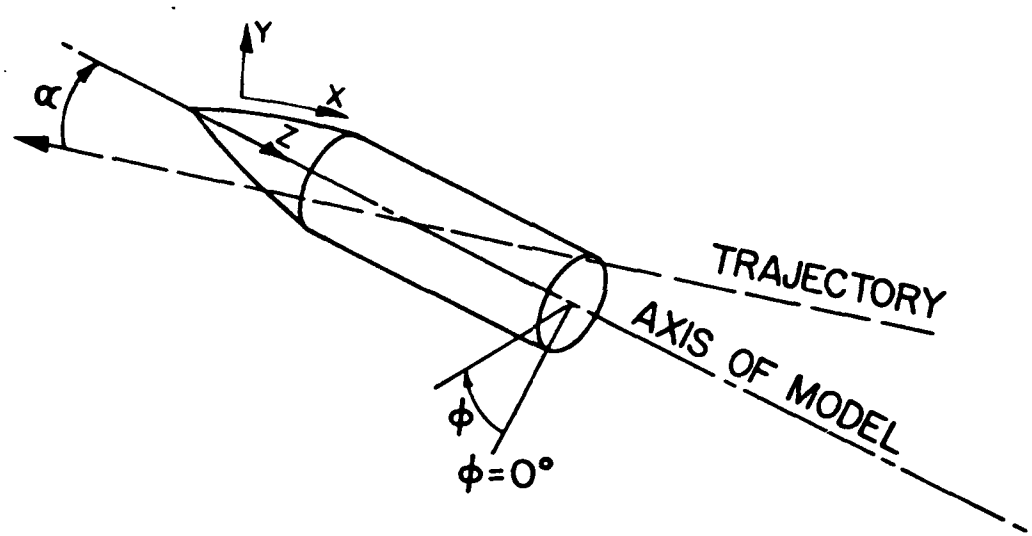

Figure 2. Model Coordinate System

Table I. Summary of SOC Test Conditions

Z/D = 3.33

ϕ	$\alpha = 0$	$\alpha = 2.1$	$\alpha = 4.2$	$\alpha = 5.3$	$\alpha = 6.3$
0	0	0,333*	0,333		0,333
30	0	0,333	0,333		333
60	0	0,333	0,333		0,333
90	0	0,333	0,333		
120		0,333	0,333	0,333	0,333
150		0,333	0,333	0,333	0,333
170		0,333	0,333	0,333	0,333
180		0,333	0,333	0,333	0,333
190		0,333	0,333	0,333	0,333
210		0,333	0,333	0,333	0,333
240		0,333	0,333	0,333	0,333
270		0,333	0,333		
300		0,333	0,333		0,333
330		0,333	0,333		0,333

Z/D = 4.44

0	0	0,333	0,333		0,333
30	0	0,333	0,333		0,333
60	0	0,333	0,333		0,333
90	0	0,333	0,333		
120		0,333	0,333	0,333	0,333
150		0,333	0,333	0,333	0,333
170		0,333	0,333	0,333	0,333
180		0,333	0,333	0,333	0,333
190		0,333	0,333	0,333	0,333
210		0	0,333	0,333	0,333
240		0,333	0,333	0,333	0,333
270		0,333	0,333		
300		0,333	0,333		0,333
330		0,333	0,333		0

Table I. Summary of SOC Test Conditions (Continued)

ϕ	$\alpha = 0$	$\alpha = 2.1$	$\alpha = 4.2$	$\alpha = 5.3$	$\alpha = 6.3$
			Z/D = 5.56		
0	0	0,333*	0,333		0,333
30	0	0,333	0,333		0,333
60	0	0,333	0,333		0,333
90	0	0,333	0,333		
120		0,333	0,333		0,333
150		0,333	0,333	0,333	0,333
170		0,333	0,333	0,333	0,333
180		0,333	0,333		0,333
190		0,333	0,333	0,333	0,333
210		0,333	0,333	0,333	0,333
240		0,333	0,333	0,333	0,333
270		0	0,333		
300		0,333	0,333		0,333
330		0,333	0,333		0,333

* Model Spin Rate, 0 and 333 rps, 333 rps = 20,000 rpm

Table II. Turbulent Boundary Layer Data on a Secant-Ogive-Cylinder Model, Mach 3.0, With and Without Spin

The order of tabulated boundary layer profile data is as follows.

Z/D	α	Page
3.33	0	15
	2.1	17
	4.2	31
	5.3	45
	6.3	52
4.44	0	64
	2.1	66
	4.2	80
	5.3	94
	6.3	101
5.56	0	113
	2.1	115
	4.2	129
	5.3	143
	6.3	148

Within each angle-of-attack group, data are in order of increasing roll angle (ϕ) with spin and no-spin runs together.

Computer Tabulation Nomenclature

Mach	tunnel free-stream Mach number
PO	tunnel supply pressure, kPa
TO	tunnel supply temperature, deg K
ALPHA	angle of attack, deg.
Z/D	distance in calibers from nose
PHI	circumferential position, degrees
RPM	model spin rate, rpm
PW	model wall pressure at point of survey, kPa
REL	Reynolds number based on model length
Y	distance normal to model surface, cm
TT	local total temperature, deg. K
T	local static temperature, deg. K
M	local Mach number
U	local velocity, m/sec
RHO	local density, m/sec
DEL	total boundary layer thickness, cm
DELU	velocity thickness, cm
DEL*	displacement thickness, cm
THETA	momentum thickness, cm
H	boundary layer shape parameter, δ^*/θ
UE	velocity at edge of boundary layer, m/sec
RHOE	density at edge of boundary layer, kg/m^3

MACH = 3.00 PO = 295.0 KPA TO = 307.5 K
ALPHA= 0.00 Z/D= 3.33 PHI= 0.
RPM= 0. PW = 6.51 KPA REL=7314583.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3641
0.0357	0.9640	0.7732	1.1109	0.5371	0.4334
0.0690	0.9696	0.7240	1.3023	0.6093	0.4628
0.0895	0.9738	0.6812	1.4655	0.6651	0.4918
0.1075	0.9757	0.6621	1.5388	0.6885	0.5060
0.1332	0.9787	0.6303	1.6624	0.7257	0.5316
0.1514	0.9801	0.6128	1.7311	0.7452	0.5467
0.1774	0.9822	0.5884	1.8294	0.7716	0.5694
0.1932	0.9834	0.5727	1.8938	0.7881	0.5850
0.2170	0.9857	0.5493	1.9928	0.8121	0.6100
0.2514	0.9878	0.5243	2.1022	0.8368	0.6393
0.2833	0.9887	0.5093	2.1693	0.8512	0.6580
0.3499	0.9903	0.4874	2.2714	0.8718	0.6876
0.3874	0.9910	0.4801	2.3066	0.8787	0.6981
0.4438	0.9914	0.4691	2.3593	0.8885	0.7142
0.4870	0.9922	0.4610	2.4004	0.8960	0.7270
0.5330	0.9933	0.4504	2.4550	0.9057	0.7444
0.5792	0.9940	0.4392	2.5133	0.9156	0.7633
0.6256	0.9950	0.4269	2.5798	0.9264	0.7855
0.6694	0.9963	0.4157	2.6429	0.9363	0.8071
0.7078	0.9968	0.4081	2.6855	0.9427	0.8220
0.7574	0.9980	0.3956	2.7590	0.9535	0.8483
0.8265	0.9989	0.3820	2.8412	0.9648	0.8784
0.8821	0.9996	0.3727	2.9000	0.9726	0.9006
0.9940	1.0007	0.3592	2.9945	0.9845	0.9372
1.0756	1.0013	0.3515	3.0406	0.9901	0.9554
1.1734	1.0022	0.3441	3.0925	0.9961	0.9763
1.2715	1.0026	0.3398	3.1232	0.9996	0.9889
1.3698	1.0029	0.3382	3.1345	1.0009	0.9935
1.4596	1.0029	0.3379	3.1365	1.0011	0.9943
1.5641	1.0031	0.3378	3.1378	1.0013	0.9949
1.6486	1.0032	0.3378	3.1382	1.0013	0.9950
1.7351	1.0034	0.3377	3.1392	1.0014	0.9955

DEL = 0.2214 DELU= .0314 DEL*= .0798 CM
THETA= .01394 H = 5.725 UE = 639.7 M/SEC
RHOE= 0.2196 KG/M**3 RUN = 3005

MACH = 3.00 PO = 298.6 KPA TO = 307.8 K
ALPHA= 0.00 Z/D= 3.33 PHI= 30.
RPM= 0. PW = 6.50 KPA REL=7272227.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9203	0.9203	0.0000	0.0000	0.3649
0.0305	0.9641	0.7756	1.1021	0.5327	0.4332
0.0483	0.9666	0.7549	1.1842	0.5647	0.4451
0.0737	0.9733	0.6949	1.4152	0.6474	0.4836
0.0916	0.9767	0.6562	1.5625	0.6948	0.5120
0.1325	0.9804	0.6210	1.7009	0.7355	0.5413
0.1479	0.9817	0.6030	1.7720	0.7552	0.5573
0.1892	0.9849	0.5666	1.9212	0.7936	0.5932
0.2259	0.9868	0.5348	2.0560	0.8252	0.6283
0.2707	0.9888	0.5146	2.1465	0.8450	0.6531
0.3131	0.9896	0.5004	2.2107	0.8583	0.6715
0.3689	0.9913	0.4789	2.3128	0.8784	0.7017
0.4410	0.9918	0.4693	2.3597	0.8871	0.7161
0.5055	0.9934	0.4472	2.4709	0.9069	0.7513
0.5567	0.9947	0.4355	2.5339	0.9175	0.7720
0.6327	0.9952	0.4218	2.6075	0.9293	0.7969
0.6899	0.9955	0.4126	2.6575	0.9370	0.8142
0.7364	0.9964	0.4015	2.7222	0.9466	0.8370
0.7996	0.9972	0.3902	2.7889	0.9561	0.8612
0.8354	0.9978	0.3801	2.8503	0.9645	0.8840
0.9059	0.9987	0.3687	2.9229	0.9740	0.9115
0.9491	0.9991	0.3620	2.9664	0.9795	0.9284
1.0245	0.9996	0.3520	3.0327	0.9875	0.9546
1.0929	0.9998	0.3450	3.0807	0.9932	0.9739
1.1864	1.0000	0.3391	3.1218	0.9979	0.9906
1.2870	1.0007	0.3373	3.1358	0.9994	0.9964
1.3763	1.0007	0.3368	3.1394	0.9998	0.9979
1.4860	1.0009	0.3366	3.1411	1.0000	0.9986
1.5815	1.0005	0.3363	3.1428	1.0002	0.9993

DEL = 0.2222 DELU= .0306 DEL*= .0784 CM
THETA= .01407 H = 5.576 UE = 640.8 M/SEC
RHOE= 0.2182 KG/M**3 RUN = 3047

MACH = 3.00 PO = 298.2 KPA TO = 308.8 K
ALPHA= 0.00 Z/D= 3.33 PHI= 60.
RPM= 0. PW = 6.50 KPA REL=7227507.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9203	0.9203	0.0000	0.0000	0.3650
0.0408	0.9642	0.7715	1.1175	0.5386	0.4355
0.0657	0.9697	0.7219	1.3102	0.6108	0.4654
0.0851	0.9727	0.6912	1.4270	0.6511	0.4859
0.1018	0.9759	0.6601	1.5467	0.6896	0.5089
0.1241	0.9780	0.6379	1.6326	0.7155	0.5266
0.1548	0.9812	0.6009	1.7804	0.7571	0.5594
0.1856	0.9832	0.5761	1.8796	0.7829	0.5831
0.2109	0.9852	0.5487	1.9942	0.8107	0.6121
0.2278	0.9863	0.5344	2.0562	0.8249	0.6285
0.2589	0.9876	0.5194	2.1232	0.8396	0.6468
0.2990	0.9892	0.4986	2.2182	0.8594	0.6738
0.3452	0.9899	0.4853	2.2802	0.8717	0.6921
0.4062	0.9908	0.4760	2.3256	0.8804	0.7058
0.4908	0.9921	0.4580	2.4147	0.8967	0.7335
0.5348	0.9925	0.4457	2.4768	0.9075	0.7535
0.5730	0.9936	0.4362	2.5275	0.9160	0.7701
0.6143	0.9941	0.4255	2.5848	0.9253	0.7894
0.6735	0.9949	0.4131	2.6534	0.9359	0.8130
0.7210	0.9959	0.4029	2.7131	0.9448	0.8340
0.7657	0.9959	0.3947	2.7595	0.9515	0.8508
0.8136	0.9967	0.3850	2.8187	0.9598	0.8724
0.8766	0.9974	0.3740	2.8870	0.9689	0.8981
0.9188	0.9978	0.3657	2.9395	0.9756	0.9182
0.9671	0.9984	0.3590	2.9844	0.9812	0.9357
1.0126	0.9990	0.3526	3.0273	0.9864	0.9527
1.0582	0.9993	0.3476	3.0615	0.9905	0.9664
1.1652	0.9997	0.3400	3.1145	0.9966	0.9880
1.2579	0.9997	0.3374	3.1329	0.9986	0.9955
1.3800	1.0002	0.3364	3.1408	0.9995	0.9988
1.4683	0.9998	0.3362	3.1412	0.9996	0.9989
1.5852	0.9998	0.3363	3.1406	0.9995	0.9987
1.6707	0.9998	0.3362	3.1416	0.9996	0.9991

CEL = 0.2025 DELL= .0299 DEL*= .0723 CM
THETA= .01285 H = 5.629 UE = 642.0 M/SEC
RHOE= 0.2179 KG/M**3 RUN = 3059

MACH = 3.00 PO = 298.1 KPA TO = 306.5 K
ALPHA= 0.00 Z/D= 3.33 PHI= 90.
RPM= 0. PW = 6.49 KPA REL=7288067.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9203	0.9203	0.0000	0.0000	0.3651
0.0381	0.9642	0.7712	1.1187	0.5391	0.4358
0.0537	0.9669	0.7455	1.2188	0.5776	0.4506
0.0642	0.9703	0.7167	1.3303	0.6181	0.4688
0.0931	0.9738	0.6847	1.4530	0.6598	0.4908
0.1115	0.9761	0.6585	1.5529	0.6916	0.5102
0.1220	0.9777	0.6410	1.6206	0.7121	0.5242
0.1485	0.9810	0.6077	1.7526	0.7497	0.5531
0.1670	0.9822	0.5891	1.8265	0.7694	0.5704
0.1803	0.9840	0.5661	1.9215	0.7934	0.5936
0.2096	0.9859	0.5427	2.0207	0.8170	0.6191
0.2285	0.9868	0.5330	2.0633	0.8266	0.6305
0.2774	0.9887	0.5073	2.1783	0.8514	0.6625
0.3237	0.9895	0.4921	2.2481	0.8656	0.6827
0.3730	0.9907	0.4779	2.3163	0.8788	0.7031
0.4307	0.9915	0.4655	2.3769	0.8901	0.7218
0.4887	0.9924	0.4528	2.4409	0.9015	0.7420
0.5664	0.9933	0.4422	2.4962	0.9110	0.7599
0.6055	0.9945	0.4280	2.5725	0.9235	0.7853
0.6558	0.9950	0.4139	2.6497	0.9355	0.8118
0.6867	0.9955	0.4073	2.6868	0.9411	0.8248
0.7261	0.9958	0.4020	2.7175	0.9457	0.8357
0.7543	0.9964	0.3925	2.7736	0.9537	0.8560
0.7995	0.9971	0.3831	2.8308	0.9616	0.8771
0.8620	0.9979	0.3729	2.8948	0.9701	0.9012
0.9162	0.9984	0.3645	2.9486	0.9770	0.9219
0.9677	0.9988	0.3590	2.9848	0.9815	0.9360
1.0050	0.9991	0.3539	3.0191	0.9856	0.9496
1.0635	0.9994	0.3457	3.0747	0.9922	0.9719
1.1555	0.9998	0.3396	3.1179	0.9971	0.9895
1.2561	0.9999	0.3371	3.1354	0.9991	0.9967
1.3539	1.0002	0.3365	3.1401	0.9996	0.9986
1.4431	1.0002	0.3363	3.1417	0.9998	0.9993
1.5443	1.0000	0.3362	3.1418	0.9998	0.9993

CEL = 0.2154 DELU= .0301 DEL*= .0758 CM
THETA= .01350 H = 5.614 UE = 639.9 M/SEC
RHOE= 0.2189 KG/M**3 RUN = 3068

MACH = 3.00 PO = 298.9 KPA TO = 305.3 K
ALPHA= 2.10 Z/D= 3.33 PHI= 0.
RPM= 0. PW = 6.98 KPA REL=7359405.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3716
0.0454	0.9668	0.7561	1.1807	0.5658	0.4528
0.0839	0.9722	0.7072	1.3687	0.6343	0.4841
0.0946	0.9740	0.6911	1.4308	0.6554	0.4955
0.1062	0.9756	0.6726	1.5009	0.6784	0.5090
0.1236	0.9775	0.6501	1.5871	0.7053	0.5266
0.1381	0.9792	0.6316	1.6590	0.7266	0.5420
0.1761	0.9826	0.5918	1.8172	0.7705	0.5785
0.1965	0.9843	0.5725	1.8964	0.7908	0.5980
0.2259	0.9859	0.5481	1.9982	0.8155	0.6244
0.2435	0.9872	0.5361	2.0510	0.8276	0.6386
0.2642	0.9884	0.5173	2.1341	0.8459	0.6618
0.2849	0.9889	0.5105	2.1648	0.8525	0.6706
0.3360	0.9905	0.4863	2.2766	0.8751	0.7037
0.3934	0.9915	0.4711	2.3502	0.8891	0.7265
0.4419	0.9922	0.4623	2.3939	0.8972	0.7403
0.4916	0.9929	0.4522	2.4450	0.9063	0.7569
0.5456	0.9937	0.4393	2.5118	0.9177	0.7790
0.5977	0.9947	0.4270	2.5785	0.9286	0.8017
0.6377	0.9952	0.4177	2.6292	0.9366	0.8194
0.6994	0.9960	0.4058	2.6967	0.9469	0.8434
0.7521	0.9964	0.3964	2.7508	0.9547	0.8632
0.8143	0.9969	0.3849	2.8196	0.9644	0.8888
0.8987	0.9979	0.3728	2.8955	0.9745	0.9179
1.0119	0.9988	0.3587	2.9869	0.9861	0.9529
1.1133	0.9993	0.3508	3.0399	0.9926	0.9754
1.2218	0.9994	0.3454	3.0769	0.9969	0.9905
1.3246	0.9996	0.3429	3.0941	0.9989	0.9976
1.4230	0.9996	0.3421	3.1002	0.9996	1.0002
1.5447	0.9996	0.3419	3.1014	0.9998	1.0007
1.6502	0.9994	0.3419	3.1011	0.9997	1.0005

DEL = 0.1942 DELL= .0273 DEL*= .0667 CM
THETA= .01203 H = 5.539 UE = 635.5 M/SEC
RHOE= 0.2320 KG/M**3 RUN = 3008

MACH = 3.00 PO = 298.9 KPA TO = 307.2 K
ALPHA= 2.10 Z/D= 3.33 PHI= 0.
RPM= 20000. PW = 6.98 KPA REL=7337989.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3703
0.1015	0.9741	0.6846	1.4541	0.6643	0.4981
0.1317	0.9776	0.6500	1.5875	0.7066	0.5248
0.1439	0.9787	0.6362	1.6407	0.7225	0.5361
0.1834	0.9819	0.5985	1.7880	0.7640	0.5694
0.2047	0.9840	0.5751	1.8857	0.7895	0.5931
0.2261	0.9856	0.5528	1.9787	0.8122	0.6169
0.2567	0.9872	0.5328	2.0650	0.8322	0.6401
0.2751	0.9878	0.5190	2.1250	0.8454	0.6568
0.2967	0.9890	0.5082	2.1748	0.8560	0.6710
0.3593	0.9909	0.4823	2.2959	0.8804	0.7070
0.4065	0.9919	0.4728	2.3432	0.8894	0.7216
0.4571	0.9925	0.4645	2.3839	0.8969	0.7344
0.5078	0.9933	0.4551	2.4315	0.9055	0.7497
0.5650	0.9939	0.4411	2.5033	0.9178	0.7733
0.6225	0.9947	0.4297	2.5638	0.9279	0.7937
0.6673	0.9956	0.4205	2.6127	0.9357	0.8106
0.7284	0.9965	0.4069	2.6919	0.9478	0.8386
0.8059	0.9977	0.3918	2.7808	0.9607	0.8711
0.8870	0.9989	0.3791	2.8589	0.9714	0.9005
0.9653	0.9998	0.3671	2.9359	0.9814	0.9303
1.0539	1.0005	0.3567	3.0037	0.9899	0.9572
1.1595	1.0015	0.3486	3.0599	0.9966	0.9799
1.2691	1.0017	0.3450	3.0852	0.9996	0.9903
1.3795	1.0022	0.3437	3.0949	1.0007	0.9944
1.4957	1.0022	0.3430	3.0999	1.0013	0.9964
1.6087	1.0024	0.3429	3.1009	1.0014	0.9968
1.7152	1.0029	0.3431	3.1009	1.0014	0.9968

DEL = 0.1864 DELL= .0286 DEL*= .0671 CM
THETA= .01134 H = 5.922 UE = 636.2 M/SEC
RHOE= 0.2315 KG/M**3 RUN = 3009

MACH = 3.00 PO = 298.3 KPA TO = 305.9 K
ALPHA= 2.10 Z/D= 3.33 PHI= 30.
RPM= 0. PW = 6.87 KPA REL=7345352.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3695
0.0446	0.9667	0.7507	1.1995	0.5723	0.4531
0.0684	0.9690	0.7322	1.2717	0.5991	0.4647
0.0833	0.9721	0.7053	1.3754	0.6359	0.4825
0.1072	0.9761	0.6616	1.5416	0.6904	0.5142
0.1311	0.9790	0.6300	1.6644	0.7273	0.5401
0.1611	0.9813	0.6059	1.7600	0.7542	0.5616
0.1791	0.9834	0.5786	1.8701	0.7832	0.5880
0.1912	0.9843	0.5645	1.9284	0.7978	0.6026
0.2214	0.9859	0.5465	2.0050	0.8161	0.6226
0.2459	0.9870	0.5290	2.0806	0.8333	0.6420
0.2952	0.9886	0.5110	2.1615	0.8508	0.6658
0.3354	0.9897	0.4929	2.2451	0.8679	0.6902
0.3850	0.9911	0.4766	2.3234	0.8831	0.7139
0.4566	0.9923	0.4584	2.4132	0.8996	0.7422
0.5161	0.9931	0.4445	2.4843	0.9120	0.7654
0.5569	0.9937	0.4377	2.5206	0.9181	0.7774
0.6547	0.9949	0.4237	2.5960	0.9303	0.8031
0.7276	0.9960	0.4033	2.7110	0.9479	0.8437
0.7945	0.9970	0.3878	2.8025	0.9609	0.8773
0.8489	0.9975	0.3808	2.8458	0.9668	0.8936
0.9164	0.9981	0.3735	2.8919	0.9729	0.9112
0.9647	0.9987	0.3642	2.9517	0.9806	0.9345
1.0262	0.9991	0.3552	3.0107	0.9879	0.9579
1.0781	0.9994	0.3499	3.0465	0.9922	0.9723
1.1205	0.9996	0.3463	3.0710	0.9951	0.9824
1.1662	0.9997	0.3453	3.0781	0.9959	0.9852
1.2712	0.9999	0.3419	3.1017	0.9986	0.9950
1.3951	0.9998	0.3404	3.1122	0.9998	0.9993
1.5061	1.0000	0.3403	3.1135	1.0000	0.9998
1.6106	1.0000	0.3404	3.1129	0.9999	0.9996

DEL = 0.1899 DELU= .0268 DEL*= .0665 CM
THETA= .01195 H = 5.566 UE = 636.6 M/SEC
RHOE= 0.2295 KG/M**3 RUN = 3043

MACH = 3.00 PO = 298.4 KPA TO = 305.8 K
ALPHA= 2.10 Z/D= 3.33 PHI= 30.
RPM= 20000. PW = 6.86 KPA REL=7340448.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3694
0.1088	0.9776	0.6435	1.6113	0.7117	0.5285
0.1331	0.9795	0.6227	1.6926	0.7354	0.5462
0.1545	0.9812	0.6025	1.7726	0.7576	0.5644
0.1819	0.9834	0.5759	1.8808	0.7859	0.5905
0.1942	0.9848	0.5585	1.9537	0.8039	0.6090
0.2248	0.9859	0.5435	2.0176	0.8190	0.6258
0.2591	0.9873	0.5231	2.1065	0.8389	0.6501
0.2810	0.9887	0.5064	2.1821	0.8550	0.6716
0.3375	0.9901	0.4871	2.2722	0.8732	0.6982
0.3973	0.9912	0.4714	2.3483	0.8877	0.7215
0.4796	0.9922	0.4580	2.4150	0.8998	0.7426
0.5369	0.9930	0.4454	2.4794	0.9111	0.7636
0.5720	0.9938	0.4347	2.5356	0.9205	0.7823
0.6231	0.9944	0.4247	2.5896	0.9293	0.8007
0.6649	0.9950	0.4164	2.6356	0.9365	0.8167
0.7131	0.9957	0.4052	2.6994	0.9461	0.8393
0.7648	0.9963	0.3966	2.7495	0.9534	0.8575
0.8296	0.9970	0.3857	2.8148	0.9626	0.8817
0.8882	0.9977	0.3745	2.8847	0.9719	0.9082
0.9503	0.9981	0.3649	2.9457	0.9798	0.9319
1.0027	0.9987	0.3583	2.9895	0.9853	0.9492
1.0718	0.9991	0.3516	3.0347	0.9907	0.9674
1.1843	0.9996	0.3446	3.0830	0.9964	0.9871
1.2976	0.9997	0.3418	3.1026	0.9987	0.9951
1.4134	0.9998	0.3406	3.1111	0.9996	0.9987
1.5193	0.9998	0.3403	3.1130	0.9999	0.9995
1.6459	1.0000	0.3402	3.1139	1.0000	0.9998

DEL = 0.1869 DELU= .0276 DEL*= .0655 CM
THETA= .01124 H = 5.825 UE = 636.6 M/SEC
RHOE= 0.2293 KG/M**3 RUN = 3044

MACH = 3.00 PO = 298.6 KPA TO = 307.9 K
ALPHA= 2.10 Z/D= 3.33 PHI= 60.
RPM= 0. PW = 6.65 KPA REL=7277934.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9204	0.9204	0.0000	0.0000	0.3659
0.0462	0.9658	0.7592	1.1664	0.5586	0.4436
0.0752	0.9691	0.7321	1.2724	0.5983	0.4602
0.0956	0.9733	0.6948	1.4156	0.6484	0.4850
0.1161	0.9766	0.6601	1.5485	0.6913	0.5105
0.1483	0.9792	0.6296	1.6662	0.7266	0.5351
0.1659	0.9816	0.6039	1.7685	0.7552	0.5580
0.1954	0.9840	0.5767	1.8794	0.7842	0.5844
0.2279	0.9860	0.5501	1.9903	0.8112	0.6125
0.2486	0.9873	0.5354	2.0543	0.8259	0.6295
0.2873	0.9892	0.5094	2.1701	0.8511	0.6616
0.3262	0.9906	0.4904	2.2585	0.8690	0.6873
0.3810	0.9917	0.4753	2.3309	0.8829	0.7091
0.4482	0.9926	0.4621	2.3957	0.8949	0.7293
0.5157	0.9907	0.4915	2.2535	0.8680	0.6858
0.5651	0.9946	0.4382	2.5196	0.9163	0.7693
0.6083	0.9953	0.4278	2.5753	0.9254	0.7880
0.6611	0.9959	0.4166	2.6365	0.9350	0.8090
0.7265	0.9970	0.4052	2.7023	0.9449	0.8322
0.7859	0.9972	0.3965	2.7525	0.9522	0.8502
0.8393	0.9982	0.3875	2.8073	0.9599	0.8703
0.9055	0.9990	0.3746	2.8870	0.9706	0.9002
0.9498	0.9993	0.3665	2.9383	0.9772	0.9199
0.9943	0.9998	0.3578	2.9956	0.9843	0.9424
1.0420	1.0000	0.3517	3.0358	0.9892	0.9583
1.1508	1.0008	0.3430	3.0964	0.9963	0.9828
1.2506	1.0012	0.3392	3.1234	0.9993	0.9939
1.3609	1.0012	0.3382	3.1306	1.0001	0.9969
1.4735	1.0011	0.3377	3.1337	1.0005	0.9982
1.5765	1.0013	0.3378	3.1340	1.0005	0.9983
1.6963	1.0013	0.3377	3.1344	1.0006	0.9985

DEL = 0.1922 DELU= .0285 DEL*= .0705 CM
THETA= .01238 H = 5.696 UE = 640.0 M/SEC
RHOE= 0.2232 KG/M**3 RUN = 3054

MACH = 3.00 PO = 298.5 KPA TO = 308.5 K
ALPHA= 2.10 Z/D= 3.33 PHI= 60.
RPM= 20000. PW = 6.65 KPA REL=7259981.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9204	0.9204	0.0000	0.0000	0.3657
0.1169	0.9760	0.6608	1.5442	0.6898	0.5054
0.1434	0.9789	0.6311	1.6600	0.7246	0.5335
0.1582	0.9807	0.6062	1.7575	0.7520	0.5552
0.1878	0.9835	0.5766	1.8782	0.7837	0.5838
0.2235	0.9852	0.5521	1.9806	0.8087	0.6097
0.2503	0.9867	0.5310	2.0715	0.8296	0.6338
0.2682	0.9878	0.5166	2.1354	0.8435	0.6514
0.3193	0.9898	0.4947	2.2368	0.8645	0.6805
0.3713	0.9912	0.4790	2.3126	0.8792	0.7032
0.4358	0.9918	0.4663	2.3737	0.8906	0.7220
0.4945	0.9928	0.4538	2.4371	0.9020	0.7421
0.5596	0.9934	0.4395	2.5106	0.9146	0.7660
0.6094	0.9944	0.4284	2.5699	0.9243	0.7858
0.6468	0.9954	0.4187	2.6244	0.9329	0.8044
0.6969	0.9959	0.4076	2.6863	0.9423	0.8261
0.7598	0.9968	0.3972	2.7474	0.9512	0.8479
0.7913	0.9971	0.3889	2.7966	0.9581	0.8659
0.8166	0.9977	0.3833	2.8308	0.9628	0.8786
0.8800	0.9983	0.3763	2.8747	0.9687	0.8951
0.9245	0.9988	0.3679	2.9285	0.9757	0.9157
0.9659	0.9992	0.3613	2.9712	0.9811	0.9323
1.0075	0.9996	0.3555	3.0100	0.9858	0.9476
1.0395	0.9998	0.3517	3.0358	0.9889	0.9579
1.1360	1.0007	0.3438	3.0908	0.9954	0.9801
1.1845	1.0006	0.3417	3.1049	0.9970	0.9859
1.2592	1.0008	0.3395	3.1206	0.9987	0.9923
1.3735	1.0009	0.3382	3.1301	0.9998	0.9962
1.4803	1.0011	0.3377	3.1337	1.0002	0.9977
1.5739	1.0011	0.3376	3.1346	1.0003	0.9981
1.7079	1.0011	0.3375	3.1356	1.0004	0.9985

DEL = 0.1909 DELU= .0297 DEL*= .0692 CM
THETA= .01152 H = 6.007 UE = 640.6 M/SEC
RHOE= 0.2229 KG/M**3 RUN = 3055

MACH = 3.00 PO = 298.2 KPA TO = 306.7 K
ALPHA= 2.10 Z/D= 3.33 PHI= 90.
RPM= 0. PW = 6.39 KPA REL=7317915.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9200	0.9200	0.0000	0.0000	0.3625
0.0310	0.9649	0.7610	1.1572	0.5532	0.4381
0.0498	0.9692	0.7250	1.2976	0.6054	0.4599
0.0687	0.9721	0.6960	1.4082	0.6438	0.4790
0.0876	0.9756	0.6621	1.5385	0.6859	0.5036
0.1066	0.9773	0.6411	1.6192	0.7105	0.5200
0.1174	0.9790	0.6245	1.6849	0.7295	0.5340
0.1364	0.9811	0.5995	1.7840	0.7569	0.5562
0.1528	0.9829	0.5832	1.8512	0.7744	0.5720
0.1719	0.9840	0.5648	1.9262	0.7932	0.5904
0.1993	0.9851	0.5501	1.9884	0.8081	0.6062
0.2300	0.9863	0.5373	2.0442	0.8209	0.6208
0.2495	0.9874	0.5202	2.1192	0.8375	0.6411
0.2887	0.9887	0.5031	2.1970	0.8538	0.6629
0.3449	0.9896	0.4905	2.2554	0.8655	0.6798
0.3815	0.9904	0.4769	2.3201	0.8780	0.6991
0.4267	0.9915	0.4638	2.3853	0.8901	0.7190
0.4664	0.9923	0.4526	2.4420	0.9001	0.7369
0.5062	0.9930	0.4422	2.4954	0.9093	0.7541
0.5433	0.9941	0.4321	2.5500	0.9183	0.7720
0.5834	0.9942	0.4244	2.5912	0.9249	0.7858
0.6122	0.9951	0.4170	2.6328	0.9314	0.8000
0.6610	0.9955	0.4070	2.6890	0.9399	0.8195
0.6985	0.9958	0.3999	2.7299	0.9458	0.8340
0.7216	0.9967	0.3899	2.7892	0.9543	0.8554
0.7506	0.9968	0.3841	2.8243	0.9591	0.8682
0.8437	0.9977	0.3770	2.8692	0.9651	0.8849
0.8787	0.9981	0.3676	2.9287	0.9728	0.9074
0.9403	0.9987	0.3604	2.9761	0.9787	0.9257
1.0199	0.9992	0.3498	3.0466	0.9872	0.9535
1.0584	0.9996	0.3462	3.0715	0.9901	0.9634
1.1596	1.0002	0.3390	3.1232	0.9960	0.9843
1.2629	1.0002	0.3358	3.1451	0.9985	0.9933
1.3573	1.0003	0.3347	3.1533	0.9994	0.9967
1.4611	1.0003	0.3340	3.1585	1.0000	0.9988
1.5621	1.0003	0.3341	3.1579	0.9999	0.9986

DEL = 0.2097 DELL= .0279 DEL*= .0724 CM
THETA= .01293 H = 5.601 UE = 640.5 M/SEC
RHOE= 0.2176 KG/M**3 RUN = 3064

MACH = 3.00 PO = 298.1 KPA TO = 306.8 K
ALPHA= 2.10 Z/D= 3.33 PHI= 90.
RPM= 20000. PW = 6.38 KPA REL=7300802.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9200	0.9200	0.0000	0.0000	0.3622
0.0912	0.9759	0.6535	1.5692	0.6952	0.5094
0.1021	0.9773	0.6429	1.6126	0.7083	0.5183
0.1076	0.9788	0.6268	1.6757	0.7267	0.5316
0.1295	0.9803	0.6087	1.7471	0.7466	0.5474
0.1460	0.9817	0.5928	1.8111	0.7638	0.5621
0.1680	0.9834	0.5712	1.8997	0.7864	0.5824
0.1846	0.9846	0.5570	1.9591	0.8009	0.5982
0.2013	0.9857	0.5428	2.0196	0.8150	0.6138
0.2237	0.9869	0.5268	2.0899	0.8308	0.6326
0.2519	0.9880	0.5126	2.1533	0.8444	0.6500
0.2689	0.9889	0.5027	2.1990	0.8539	0.6630
0.3113	0.9895	0.4884	2.2649	0.8671	0.6821
0.3652	0.9905	0.4772	2.3192	0.8775	0.6983
0.4222	0.9914	0.4655	2.3768	0.8882	0.7159
0.4652	0.9923	0.4543	2.4336	0.8983	0.7336
0.5025	0.9932	0.4447	2.4831	0.9069	0.7495
0.5514	0.9937	0.4338	2.5403	0.9164	0.7682
0.5890	0.9941	0.4249	2.5879	0.9241	0.7841
0.6295	0.9947	0.4160	2.6374	0.9318	0.8010
0.6673	0.9956	0.4064	2.6922	0.9400	0.8200
0.7285	0.9961	0.3958	2.7535	0.9489	0.8418
0.7695	0.9968	0.3871	2.8064	0.9563	0.8610
0.8164	0.9973	0.3789	2.8567	0.9631	0.8796
0.8695	0.9979	0.3702	2.9115	0.9703	0.9002
0.9049	0.9983	0.3638	2.9528	0.9755	0.9160
0.9612	0.9985	0.3568	2.9991	0.9812	0.9340
1.0118	0.9991	0.3507	3.0402	0.9861	0.9502
1.0745	0.9995	0.3445	3.0830	0.9911	0.9673
1.1738	1.0000	0.3385	3.1257	0.9960	0.9846
1.2628	1.0000	0.3355	3.1469	0.9983	0.9933
1.3704	1.0001	0.3343	3.1554	0.9993	0.9968
1.4751	1.0001	0.3339	3.1587	0.9996	0.9982
1.5771	1.0002	0.3336	3.1610	0.9999	0.9991

DEL = 0.2077 DELL= .0293 DEL*= .0723 CM
THETA= .01238 H = 5.839 UE = 640.9 M/SEC
RHOE= 0.2172 KG/M**3 RUN = 3065

MACH = 3.00 PO = 299.0 KPA TO = 305.6 K
ALPHA= 2.10 Z/D= 3.33 PHI= 120.
RPM= 0. PW = 6.06 KPA REL=7335237.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3530
0.0288	0.9625	0.7709	1.1146	0.5318	0.4208
0.0359	0.9646	0.7523	1.1879	0.5599	0.4311
0.0622	0.9705	0.6995	1.3915	0.6326	0.4635
0.0766	0.9739	0.6688	1.5103	0.6713	0.4849
0.0961	0.9762	0.6417	1.6145	0.7029	0.5053
0.1132	0.9775	0.6281	1.6675	0.7183	0.5162
0.1401	0.9802	0.5971	1.7911	0.7522	0.5431
0.1647	0.9820	0.5731	1.8885	0.7772	0.5657
0.2065	0.9846	0.5397	2.0302	0.8107	0.6007
0.2336	0.9859	0.5206	2.1142	0.8292	0.6227
0.2980	0.9882	0.4925	2.2431	0.8557	0.6582
0.3677	0.9892	0.4752	2.3255	0.8715	0.6821
0.4253	0.9902	0.4613	2.3943	0.8841	0.7027
0.5008	0.9915	0.4434	2.4863	0.9000	0.7311
0.5616	0.9923	0.4282	2.5663	0.9130	0.7568
0.6252	0.9932	0.4115	2.6563	0.9270	0.7866
0.6841	0.9941	0.3988	2.7320	0.9381	0.8125
0.7535	0.9951	0.3836	2.8231	0.9507	0.8446
0.8233	0.9958	0.3703	2.9064	0.9617	0.8750
0.9277	0.9969	0.3520	3.0266	0.9765	0.9203
1.0021	0.9976	0.3411	3.1025	0.9852	0.9499
1.1008	0.9984	0.3317	3.1704	0.9927	0.9770
1.1943	0.9985	0.3276	3.1999	0.9959	0.9890
1.2773	0.9984	0.3257	3.2138	0.9974	0.9946
1.3632	0.9983	0.3247	3.2203	0.9981	0.9973
1.4574	0.9983	0.3243	3.2233	0.9984	0.9985
1.5437	0.9983	0.3242	3.2246	0.9985	0.9990
1.6382	0.9983	0.3237	3.2282	0.9989	1.0005

DEL = 0.2396 DELL= .0327 DEL*= .0860 CM
THETA= .01507 H = 5.704 UE = 644.7 M/SEC
RHOE= 0.2117 KG/M**3 RUN = 3017

MACH = 3.00 PO = 299.0 KPA TO = 306.3 K
ALPHA= 2.10 Z/D= 3.33 PHI= 120.
RPM= 20000. PW = 6.06 KPA REL=7371366.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9188	0.9188	0.0000	0.0000	0.3515
0.0915	0.9751	0.6611	1.5411	0.6826	0.4887
0.1015	0.9768	0.6474	1.5950	0.6990	0.4992
0.1242	0.9798	0.6172	1.7141	0.7333	0.5238
0.1468	0.9821	0.5935	1.8094	0.7590	0.5448
0.1594	0.9839	0.5762	1.8810	0.7773	0.5614
0.1771	0.9847	0.5655	1.9252	0.7882	0.5720
0.2126	0.9871	0.5379	2.0432	0.8158	0.6014
0.2736	0.9902	0.5019	2.2054	0.8504	0.6448
0.3452	0.9919	0.4829	2.2959	0.8682	0.6705
0.4328	0.9935	0.4638	2.3896	0.8855	0.6982
0.5079	0.9949	0.4432	2.4946	0.9037	0.7306
0.5940	0.9964	0.4208	2.6152	0.9231	0.7695
0.6727	0.9977	0.4046	2.7073	0.9370	0.8005
0.7679	0.9992	0.3844	2.8281	0.9539	0.8428
0.8477	1.0005	0.3700	2.9190	0.9658	0.8758
0.9580	1.0016	0.3520	3.0379	0.9804	0.9207
1.0374	1.0023	0.3413	3.1117	0.9889	0.9494
1.1335	1.0030	0.3332	3.1703	0.9953	0.9727
1.2243	1.0032	0.3290	3.2009	0.9986	0.9851
1.3180	1.0030	0.3270	3.2146	1.0001	0.9907
1.4009	1.0032	0.3265	3.2192	1.0006	0.9925
1.4868	1.0032	0.3261	3.2223	1.0009	0.9938
1.5784	1.0030	0.3258	3.2242	1.0011	0.9945
1.6841	1.0033	0.3255	3.2268	1.0013	0.9956

DEL = 0.2327 DELL= .0339 DEL*= .0855 CM
THETA= .01391 H = 6.149 UE = 643.9 M/SEC
RHOE= 0.2124 KG/M**3 RUN = 3018

MACH = 3.00 PO = 299.0 KPA TO = 306.5 K
ALPHA= 2.10 Z/D= 3.33 PHI= 150.
RPM= 0. PW = 6.00 KPA REL=7333658.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3525
0.0256	0.9633	0.7660	1.1348	0.5402	0.4230
0.0445	0.9670	0.7334	1.2618	0.5879	0.4415
0.0642	0.9718	0.6923	1.4207	0.6430	0.4679
0.0836	0.9754	0.6576	1.5546	0.6856	0.4927
0.1117	0.9779	0.6261	1.6760	0.7214	0.5173
0.1291	0.9800	0.6044	1.7625	0.7453	0.5359
0.1512	0.9826	0.5794	1.8654	0.7721	0.5594
0.1733	0.9839	0.5589	1.9498	0.7928	0.5797
0.2021	0.9850	0.5373	2.0414	0.8140	0.6027
0.2489	0.9874	0.5118	2.1556	0.8387	0.6330
0.3048	0.9885	0.4957	2.2296	0.8538	0.6535
0.3677	0.9894	0.4808	2.2998	0.8675	0.6736
0.4196	0.9905	0.4666	2.3693	0.8803	0.6941
0.4834	0.9920	0.4366	2.5220	0.9067	0.7414
0.5750	0.9936	0.4243	2.5901	0.9176	0.7635
0.6326	0.9938	0.4123	2.6556	0.9277	0.7853
0.6720	0.9948	0.4027	2.7113	0.9359	0.8042
0.7324	0.9952	0.3915	2.7765	0.9452	0.8269
0.7979	0.9970	0.3809	2.8441	0.9544	0.8510
0.8449	0.9966	0.3699	2.9104	0.9630	0.8753
0.8995	0.9976	0.3571	2.9944	0.9735	0.9067
0.9669	0.9986	0.3476	3.0600	0.9813	0.9319
1.0368	0.9986	0.3376	3.1291	0.9891	0.9591
1.1335	0.9997	0.3289	3.1931	0.9961	0.9848
1.2038	0.9999	0.3261	3.2141	0.9983	0.9924
1.2791	0.9990	0.3246	3.2232	0.9993	0.9971
1.3691	0.9998	0.3248	3.2234	0.9993	0.9971
1.4521	0.9994	0.3245	3.2249	0.9994	0.9978
1.5352	1.0000	0.3243	3.2277	0.9997	0.9989

DEL = 0.2648 DELU= .0357 DEL*= .0952 CM
THETA= .01659 H = 5.736 UE = 645.2 M/SEC
RHOE= 0.2097 KG/M**3 RUN = 3031

MACH = 3.00 PO = 298.9 KPA TO = 306.2 K
ALPHA= 2.10 Z/D= 3.33 PHI= 150.
RPM= 20000. PW = 6.00 KPA REL=7324785.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3527
0.0644	0.9709	0.7001	1.3907	0.6323	0.4629
0.0860	0.9750	0.6585	1.5503	0.6836	0.4921
0.1033	0.9771	0.6338	1.6458	0.7120	0.5112
0.1361	0.9802	0.5991	1.7832	0.7501	0.5408
0.1604	0.9826	0.5725	1.8926	0.7781	0.5661
0.1937	0.9843	0.5479	1.9957	0.8027	0.5913
0.2272	0.9856	0.5288	2.0781	0.8213	0.6125
0.2786	0.9873	0.5069	2.1767	0.8422	0.6390
0.3754	0.9887	0.4826	2.2896	0.8646	0.6709
0.4094	0.9897	0.4689	2.3567	0.8772	0.6906
0.4800	0.9905	0.4518	2.4415	0.8922	0.7164
0.5212	0.9912	0.4390	2.5078	0.9034	0.7372
0.5626	0.9919	0.4269	2.5726	0.9139	0.7580
0.6134	0.9921	0.4149	2.6375	0.9240	0.7795
0.6667	0.9929	0.4013	2.7147	0.9355	0.8057
0.7226	0.9932	0.3901	2.7805	0.9448	0.8286
0.7764	0.9935	0.3808	2.8364	0.9524	0.8485
0.8376	0.9945	0.3676	2.9204	0.9634	0.8792
0.8921	0.9955	0.3588	2.9786	0.9706	0.9010
0.9693	0.9958	0.3445	3.0744	0.9819	0.9379
1.0515	0.9969	0.3354	3.1404	0.9894	0.9639
1.1266	0.9971	0.3293	3.1846	0.9942	0.9817
1.2092	0.9977	0.3258	3.2109	0.9970	0.9923
1.2969	0.9978	0.3241	3.2236	0.9983	0.9976
1.3676	0.9978	0.3242	3.2230	0.9982	0.9973
1.4439	0.9980	0.3238	3.2268	0.9986	0.9989
1.5292	0.9985	0.3236	3.2292	0.9989	0.9999

DEL = 0.2641 DELU= .0381 DEL*= .0965 CM
THETA= .01642 H = 5.881 UE = 645.5 M/SEC
RHOE= 0.2088 KG/M**3 RUN = 3032

MACH = 3.00 PO = 297.8 KPA TO = 311.3 K
ALPHA= 2.10 Z/D= 3.33 PHI= 170.
RPM= 0. PW = 5.97 KPA REL=7173556.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3524
0.0285	0.9609	0.7870	1.0511	0.5086	0.4116
0.0461	0.9652	0.7570	1.1724	0.5565	0.4279
0.0615	0.9695	0.7213	1.3116	0.6076	0.4492
0.0792	0.9729	0.6882	1.4384	0.6509	0.4708
0.0969	0.9758	0.6585	1.5520	0.6870	0.4920
0.1102	0.9779	0.6357	1.6406	0.7135	0.5097
0.1301	0.9800	0.6141	1.7261	0.7377	0.5277
0.1657	0.9832	0.5772	1.8754	0.7771	0.5615
0.1970	0.9854	0.5511	1.9849	0.8036	0.5881
0.2530	0.9882	0.5195	2.1221	0.8343	0.6236
0.3093	0.9895	0.5027	2.2006	0.8507	0.6451
0.3636	0.9905	0.4893	2.2630	0.8631	0.6627
0.4182	0.9915	0.4754	2.3299	0.8759	0.6821
0.4685	0.9928	0.4615	2.3993	0.8886	0.7028
0.5329	0.9937	0.4455	2.4804	0.9026	0.7279
0.5883	0.9951	0.4289	2.5693	0.9173	0.7563
0.6510	0.9963	0.4137	2.6534	0.9303	0.7842
0.7095	0.9978	0.3990	2.7389	0.9429	0.8134
0.7619	0.9983	0.3889	2.7990	0.9513	0.8345
0.8263	0.9992	0.3776	2.8690	0.9607	0.8596
0.8885	1.0000	0.3672	2.9353	0.9693	0.8841
0.9364	1.0006	0.3580	2.9961	0.9768	0.9070
1.0276	1.0018	0.3439	3.0930	0.9882	0.9444
1.1118	1.0027	0.3334	3.1684	0.9966	0.9744
1.1890	1.0028	0.3304	3.1900	0.9989	0.9821
1.2712	1.0031	0.3293	3.1984	0.9998	0.9865
1.3486	1.0033	0.3289	3.2023	1.0002	0.9881
1.4309	1.0033	0.3284	3.2054	1.0005	0.9894
1.5086	1.0035	0.3281	3.2079	1.0008	0.9904
1.5962	1.0037	0.3277	3.2114	1.0012	0.9918
1.6744	1.0043	0.3274	3.2149	1.0015	0.9933

DEL = 0.2673 DELU= .0379 DEL*= .1000 CM
THETA= .01689 H = 5.917 UE = 648.3 M/SEC
RHOE= 0.2077 KG/M**3 RUN = 4138

MACH = 3.00 PO = 297.9 KPA TO = 311.5 K
ALPHA= 2.10 Z/D= 3.33 PHI= 170.
RPM= 20000. PW = 5.98 KPA REL=7145324.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3530
0.0767	0.9723	0.6905	1.4285	0.6465	0.4698
0.0856	0.9742	0.6723	1.4986	0.6692	0.4826
0.1054	0.9767	0.6463	1.5989	0.7000	0.5020
0.1253	0.9793	0.6192	1.7053	0.7308	0.5241
0.1585	0.9818	0.5884	1.8284	0.7638	0.5514
0.1874	0.9839	0.5619	1.9379	0.7911	0.5774
0.2209	0.9857	0.5416	2.0249	0.8115	0.5992
0.2723	0.9876	0.5169	2.1337	0.8354	0.6278
0.3241	0.9888	0.5009	2.2069	0.8506	0.6479
0.3760	0.9901	0.4862	2.2762	0.8643	0.6675
0.4396	0.9912	0.4702	2.3538	0.8789	0.6902
0.5082	0.9926	0.4499	2.4561	0.8970	0.7215
0.5703	0.9937	0.4348	2.5348	0.9102	0.7464
0.6327	0.9950	0.4173	2.6313	0.9254	0.7780
0.7048	0.9963	0.4012	2.7230	0.9390	0.8092
0.7594	0.9971	0.3881	2.8009	0.9500	0.8365
0.8141	0.9977	0.3785	2.8602	0.9580	0.8578
0.8761	0.9986	0.3655	2.9429	0.9686	0.8864
0.9382	0.9995	0.3542	3.0181	0.9778	0.9168
1.0219	1.0000	0.3423	3.0994	0.9873	0.9485
1.1058	1.0007	0.3344	3.1561	0.9936	0.9710
1.1731	1.0009	0.3307	3.1831	0.9965	0.9819
1.2622	1.0011	0.3287	3.1983	0.9981	0.9881
1.3443	1.0009	0.3278	3.2039	0.9987	0.9904
1.5037	1.0013	0.3272	3.2096	0.9993	0.9927
1.6715	1.0015	0.3264	3.2159	1.0000	0.9953

DEL = 0.2681 DELU= .0402 DEL*= .1009 CM
THETA= .01677 H = 6.020 UE = 650.0 M/SEC
RHOE= 0.2066 KG/M**3 RUN = 4139

MACH = 3.00 PO = 295.7 KPA TO = 306.6 K
ALPHA= 2.10 Z/D= 3.33 PHI= 180.
RPM= 0. PW = 6.00 KPA REL=7375357.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9188	0.9188	0.0000	0.0000	0.3516
0.0300	0.9613	0.7847	1.0608	0.5119	0.4119
0.0385	0.9631	0.7711	1.1158	0.5337	0.4192
0.0535	0.9669	0.7468	1.2140	0.5713	0.4330
0.0664	0.9706	0.7147	1.3379	0.6160	0.4525
0.0814	0.9735	0.6904	1.4319	0.6478	0.4686
0.1055	0.9768	0.6582	1.5557	0.6872	0.4916
0.1274	0.9794	0.6300	1.6653	0.7196	0.5137
0.1428	0.9814	0.6103	1.7437	0.7415	0.5304
0.1604	0.9827	0.5968	1.7979	0.7561	0.5424
0.1737	0.9839	0.5826	1.8557	0.7710	0.5556
0.1913	0.9852	0.5707	1.9055	0.7835	0.5674
0.2334	0.9878	0.5378	2.0453	0.8163	0.6021
0.2712	0.9896	0.5200	2.1249	0.8338	0.6230
0.3092	0.9907	0.5051	2.1924	0.8478	0.6414
0.3495	0.9912	0.4946	2.2409	0.8576	0.6549
0.3877	0.9923	0.4834	2.2943	0.8679	0.6702
0.4171	0.9929	0.4740	2.3395	0.8764	0.6834
0.4533	0.9938	0.4616	2.4012	0.8877	0.7019
0.4941	0.9948	0.4505	2.4577	0.8975	0.7192
0.5397	0.9958	0.4383	2.5218	0.9083	0.7394
0.5695	0.9961	0.4305	2.5629	0.9149	0.7526
0.6085	0.9965	0.4223	2.6075	0.9220	0.7671
0.6500	0.9975	0.4134	2.6576	0.9297	0.7838
0.6892	0.9978	0.4056	2.7020	0.9362	0.7989
0.7194	0.9984	0.3994	2.7385	0.9415	0.8115
0.7659	0.9990	0.3897	2.7960	0.9496	0.8316
0.8056	0.9993	0.3825	2.8395	0.9555	0.8471
0.8456	1.0002	0.3745	2.8902	0.9622	0.8655
0.8886	1.0002	0.3649	2.9503	0.9698	0.8877
0.9460	1.0013	0.3543	3.0216	0.9785	0.9146
0.9987	1.0018	0.3463	3.0761	0.9849	0.9357
1.0731	1.0024	0.3371	3.1413	0.9922	0.9614
1.1670	1.0029	0.3312	3.1845	0.9969	0.9787
1.2442	1.0029	0.3290	3.2000	0.9986	0.9850
1.3264	1.0026	0.3278	3.2085	0.9995	0.9884
1.3991	1.0033	0.3274	3.2128	1.0000	0.9901

DEL = 0.2666 DELL= .0386 DEL*= .1005 CM
THETA= .01698 H = 5.923 UE = 644.3 M/SEC
RHOE= 0.2106 KG/M**3 RUN = 3006

MACH = 3.00 PO = 295.0 KPA TO = 306.0 K
ALPHA= 2.10 Z/D= 3.33 PHI= 180.
RPM= 20000. PW = 6.00 KPA REL=7327674.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3533
0.0731	0.9710	0.7008	1.3887	0.6311	0.4634
0.0815	0.9721	0.6862	1.4433	0.6492	0.4730
0.1050	0.9755	0.6510	1.5788	0.6917	0.4986
0.1178	0.9773	0.6315	1.6546	0.7140	0.5140
0.1371	0.9792	0.6057	1.7558	0.7421	0.5357
0.1521	0.9807	0.5927	1.8090	0.7563	0.5476
0.1758	0.9823	0.5728	1.8906	0.7770	0.5666
0.1887	0.9826	0.5642	1.9259	0.7856	0.5752
0.2276	0.9847	0.5356	2.0477	0.8139	0.6057
0.2644	0.9862	0.5161	2.1339	0.8327	0.6285
0.3014	0.9871	0.5043	2.1880	0.8439	0.6433
0.3276	0.9872	0.4976	2.2179	0.8499	0.6517
0.3780	0.9882	0.4846	2.2796	0.8620	0.6693
0.4110	0.9891	0.4736	2.3328	0.8721	0.6848
0.4507	0.9896	0.4619	2.3899	0.8825	0.7019
0.4795	0.9902	0.4539	2.4304	0.8896	0.7143
0.5173	0.9909	0.4437	2.4829	0.8986	0.7307
0.5574	0.9913	0.4317	2.5458	0.9089	0.7508
0.6022	0.9920	0.4216	2.6010	0.9177	0.7668
0.6336	0.9926	0.4124	2.6524	0.9256	0.7860
0.6652	0.9930	0.4039	2.7005	0.9327	0.8023
0.7059	0.9936	0.3945	2.7558	0.9406	0.8215
0.7422	0.9942	0.3864	2.8045	0.9474	0.8387
0.7717	0.9942	0.3797	2.8450	0.9528	0.8533
0.8267	0.9949	0.3697	2.9079	0.9610	0.8763
0.8779	0.9955	0.3592	2.9763	0.9695	0.9019
0.9386	0.9960	0.3494	3.0421	0.9774	0.9271
0.9994	0.9966	0.3400	3.1076	0.9849	0.9527
1.0275	0.9967	0.3370	3.1284	0.9873	0.9610
1.1306	0.9970	0.3292	3.1852	0.9935	0.9838
1.2106	0.9972	0.3264	3.2057	0.9956	0.9921
1.2907	0.9971	0.3252	3.2138	0.9965	0.9955
1.3592	0.9971	0.3248	3.2170	0.9968	0.9968
1.4468	0.9968	0.3243	3.2202	0.9972	0.9981
1.5248	0.9970	0.3241	3.2224	0.9974	0.9989
1.6031	0.9969	0.3236	3.2254	0.9977	1.0002
1.6769	0.9969	0.3232	3.2280	0.9980	1.0012

DEL = 0.2735 DELU= .0411 DEL*= .1014 CM
THETA= .01725 H = 5.876 UE = 645.8 M/SEC
RHOE= 0.2091 KG/M**3 RUN = 3007

MACH = 3.00 PO = 297.8 KPA TO = 314.0 K
ALPHA= 2.10 Z/D= 3.33 PHI= 190.
RPM= 0. PW = 5.97 KPA REL=7063478.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3531
0.0289	0.9595	0.7943	1.0196	0.4947	0.4085
0.0600	0.9627	0.7695	1.1207	0.5351	0.4217
0.0733	0.9677	0.7314	1.2711	0.5917	0.4437
0.0889	0.9718	0.6947	1.4121	0.6406	0.4672
0.1224	0.9754	0.6578	1.5536	0.6859	0.4934
0.1402	0.9786	0.6245	1.6837	0.7242	0.5198
0.1694	0.9809	0.5961	1.7966	0.7550	0.5445
0.2122	0.9840	0.5583	1.9525	0.7941	0.5813
0.2370	0.9855	0.5365	2.0456	0.8156	0.6048
0.2664	0.9864	0.5271	2.0872	0.8248	0.6157
0.3073	0.9877	0.5106	2.1614	0.8407	0.6356
0.3620	0.9893	0.4908	2.2536	0.8593	0.6614
0.3987	0.9894	0.4840	2.2849	0.8653	0.6704
0.4308	0.9904	0.4727	2.3401	0.8757	0.6866
0.4700	0.9908	0.4675	2.3659	0.8805	0.6943
0.5092	0.9920	0.4527	2.4409	0.8938	0.7171
0.5488	0.9927	0.4408	2.5020	0.9042	0.7363
0.5861	0.9934	0.4308	2.5550	0.9128	0.7533
0.6258	0.9941	0.4227	2.5997	0.9199	0.7680
0.7057	0.9955	0.4037	2.7074	0.9361	0.8043
0.7458	0.9959	0.3950	2.7581	0.9434	0.8219
0.7790	0.9965	0.3857	2.8139	0.9511	0.8416
0.8224	0.9969	0.3792	2.8540	0.9565	0.8561
0.8611	0.9975	0.3704	2.9094	0.9637	0.8764
0.9362	0.9986	0.3530	3.0240	0.9778	0.9196
1.0261	0.9994	0.3410	3.1072	0.9875	0.9521
1.0918	0.9999	0.3357	3.1452	0.9917	0.9672
1.1820	1.0002	0.3306	3.1821	0.9957	0.9820
1.2651	1.0001	0.3287	3.1955	0.9972	0.9875
1.3411	1.0004	0.3275	3.2050	0.9982	0.9913
1.4320	1.0002	0.3269	3.2092	0.9986	0.9931
1.5080	1.0004	0.3267	3.2110	0.9988	0.9938
1.5941	1.0006	0.3263	3.2144	0.9992	0.9952
1.6756	1.0006	0.3259	3.2175	0.9995	0.9965
1.7450	1.0005	0.3254	3.2206	0.9998	0.9977

DEL = 0.2635 DELU= .0400 DEL*= .1011 CM
THETA= .01723 H = 5.868 UE = 652.5 M/SEC
RHOE= 0.2050 KG/M**3 RUN = 4155

MACH = 3.00 PO = 297.7 KPA TO = 314.1 K
ALPHA= 2.10 Z/D= 3.33 PHI= 190.
RPM= 20000. PW = 5.97 KPA REL=7057045.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3531
0.0654	0.9664	0.7426	1.2276	0.5757	0.4369
0.0872	0.9708	0.7039	1.3772	0.6288	0.4610
0.1048	0.9746	0.6645	1.5273	0.6776	0.4882
0.1267	0.9771	0.6390	1.6267	0.7076	0.5078
0.1597	0.9800	0.6041	1.7641	0.7462	0.5371
0.1817	0.9816	0.5851	1.8409	0.7664	0.5545
0.2016	0.9834	0.5662	1.9193	0.7859	0.5731
0.2415	0.9856	0.5380	2.0294	0.8141	0.6031
0.2793	0.9869	0.5208	2.1155	0.8308	0.6231
0.3083	0.9878	0.5089	2.1692	0.8421	0.6377
0.3463	0.9885	0.4989	2.2154	0.8515	0.6505
0.3912	0.9892	0.4877	2.2675	0.8618	0.6653
0.4206	0.9899	0.4774	2.3169	0.8712	0.6796
0.4613	0.9908	0.4670	2.3683	0.8807	0.6949
0.4995	0.9918	0.4560	2.4237	0.8906	0.7117
0.5386	0.9926	0.4444	2.4833	0.9009	0.7303
0.6164	0.9940	0.4231	2.5976	0.9194	0.7671
0.6694	0.9946	0.4086	2.6777	0.9316	0.7940
0.7645	0.9962	0.3873	2.8038	0.9496	0.8375
0.8427	0.9973	0.3702	2.9103	0.9637	0.8766
0.9092	0.9981	0.3580	2.9901	0.9736	0.9065
1.0093	0.9993	0.3425	3.0964	0.9861	0.9476
1.0834	0.9996	0.3347	3.1514	0.9922	0.9695
1.1648	0.9999	0.3300	3.1856	0.9959	0.9823
1.2512	1.0000	0.3280	3.2006	0.9975	0.9894
1.3137	1.0000	0.3273	3.2055	0.9980	0.9914
1.4053	1.0000	0.3269	3.2090	0.9984	0.9928
1.4727	1.0001	0.3265	3.2115	0.9987	0.9938
1.5644	1.0003	0.3262	3.2143	0.9990	0.9949
1.6444	1.0003	0.3257	3.2184	0.9994	0.9966
1.6517	1.0005	0.3257	3.2185	0.9994	0.9967
1.7076	1.0003	0.3253	3.2210	0.9997	0.9977

DEL = 0.2685 DELU= .0420 DEL*= .1029 CM
THETA= .01711 H = 6.014 UE = 652.7 M/SEC
RHOE= 0.2048 KG/M**3 RUN = 4156

MACH = 3.00 PO = 298.2 KPA TO = 305.8 K
ALPHA= 2.10 Z/D= 3.33 PHI= 210.
RPM= 0. PW = 5.98 KPA REL=7323796.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3537
0.0257	0.9609	0.7858	1.0556	0.5092	0.4138
0.0428	0.9658	0.7499	1.1998	0.5654	0.4336
0.0579	0.9698	0.7124	1.3442	0.6174	0.4563
0.0751	0.9731	0.6801	1.4677	0.6587	0.4780
0.1010	0.9770	0.6386	1.6279	0.7080	0.5091
0.1362	0.9802	0.6049	1.7613	0.7454	0.5375
0.1693	0.9824	0.5787	1.8675	0.7731	0.5618
0.2048	0.9850	0.5459	2.0055	0.8063	0.5956
0.2427	0.9865	0.5240	2.1008	0.8276	0.6204
0.2963	0.9878	0.5067	2.1788	0.8440	0.6416
0.3525	0.9892	0.4873	2.2695	0.8621	0.6671
0.4044	0.9902	0.4706	2.3498	0.8773	0.6907
0.4566	0.9915	0.4547	2.4296	0.8916	0.7149
0.5434	0.9927	0.4377	2.5179	0.9066	0.7427
0.5985	0.9931	0.4261	2.5793	0.9165	0.7626
0.6517	0.9941	0.4137	2.6484	0.9272	0.7855
0.6981	0.9952	0.4002	2.7268	0.9387	0.8124
0.7400	0.9961	0.3874	2.8027	0.9494	0.8391
0.7797	0.9967	0.3766	2.8693	0.9583	0.8631
0.8173	0.9973	0.3674	2.9281	0.9659	0.8849
0.8788	0.9978	0.3571	2.9952	0.9742	0.9102
0.9364	0.9983	0.3489	3.0510	0.9808	0.9317
1.0183	0.9987	0.3423	3.0963	0.9860	0.9494
1.1052	0.9992	0.3350	3.1485	0.9918	0.9702
1.1753	0.9994	0.3309	3.1785	0.9951	0.9823
1.2626	0.9996	0.3275	3.2031	0.9977	0.9923
1.3403	0.9995	0.3266	3.2097	0.9984	0.9950
1.4207	0.9997	0.3263	3.2121	0.9987	0.9960
1.5085	0.9996	0.3258	3.2155	0.9990	0.9974
1.5914	0.9996	0.3256	3.2173	0.9992	0.9981

DEL = 0.2652 DELU= .0368 DEL*= .0960 CM
THETA= .01672 H = 5.742 UE = 644.1 M/SEC
RHOE= 0.2094 KG/M**3 RUN = 3041

MACH = 3.00 PO = 298.3 KPA TO = 305.8 K
ALPHA= 2.10 Z/D= 3.33 PHI= 210.
RPM= 20000. PW = 5.98 KPA REL=7329779.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3535
0.0672	0.9719	0.6903	1.4281	0.6457	0.4705
0.0912	0.9754	0.6535	1.5679	0.6899	0.4967
0.1154	0.9777	0.6291	1.6645	0.7184	0.5162
0.1377	0.9801	0.6017	1.7732	0.7485	0.5397
0.1622	0.9818	0.5810	1.8571	0.7703	0.5569
0.1981	0.9843	0.5519	1.9794	0.8001	0.5886
0.2363	0.9863	0.5263	2.0905	0.8252	0.6172
0.3040	0.9880	0.5038	2.1920	0.8466	0.6447
0.3768	0.9893	0.4836	2.2864	0.8652	0.6715
0.4409	0.9907	0.4658	2.3737	0.8815	0.6973
0.5146	0.9922	0.4446	2.4819	0.9004	0.7307
0.5702	0.9930	0.4300	2.5584	0.9130	0.7552
0.6260	0.9940	0.4153	2.6394	0.9256	0.7819
0.6798	0.9951	0.4021	2.7154	0.9369	0.8078
0.7315	0.9959	0.3897	2.7886	0.9472	0.8334
0.7858	0.9963	0.3782	2.8585	0.9567	0.8585
0.8428	0.9971	0.3682	2.9225	0.9650	0.8821
0.8980	0.9977	0.3582	2.9878	0.9731	0.9066
0.9491	0.9982	0.3501	3.0425	0.9796	0.9276
1.0318	0.9987	0.3395	3.1158	0.9880	0.9564
1.1074	0.9993	0.3323	3.1683	0.9938	0.9774
1.1954	0.9994	0.3286	3.1951	0.9967	0.9883
1.2763	0.9997	0.3271	3.2067	0.9979	0.9930
1.3549	0.9997	0.3263	3.2119	0.9985	0.9951
1.4411	0.9999	0.3259	3.2160	0.9989	0.9968
1.5249	0.9996	0.3255	3.2182	0.9991	0.9977
1.6013	0.9996	0.3251	3.2207	0.9994	0.9987

DEL = 0.2624 DELU= .0382 DEL*= .0964 CM
THETA= .01630 H = 5.912 UE = 644.1 M/SEC
RHOE= 0.2095 KG/M**3 RUN = 3042

MACH = 3.00 PO = 298.6 KPA TO = 307.6 K
ALPHA= 2.10 Z/D= 3.33 PHI= 240.
RPM= 0. PW = 6.06 KPA REL=7282668.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3540
0.0345	0.9618	0.7804	1.0780	0.5185	0.4170
0.0582	0.9654	0.7536	1.1855	0.5603	0.4318
0.0723	0.9685	0.7248	1.2965	0.6011	0.4489
0.1056	0.9754	0.6581	1.5528	0.6859	0.4945
0.1390	0.9795	0.6153	1.7204	0.7347	0.5290
0.1557	0.9810	0.5890	1.8242	0.7625	0.5522
0.1725	0.9831	0.5723	1.8947	0.7804	0.5687
0.2208	0.9863	0.5367	2.0466	0.8162	0.6066
0.2478	0.9866	0.5150	2.1398	0.8364	0.6314
0.2872	0.9883	0.4986	2.2160	0.8522	0.6524
0.3490	0.9901	0.4807	2.3016	0.8689	0.6770
0.4137	0.9916	0.4650	2.3794	0.8832	0.7001
0.4737	0.9918	0.4484	2.4616	0.8977	0.7254
0.5315	0.9931	0.4321	2.5477	0.9120	0.7529
0.5845	0.9944	0.4186	2.6224	0.9238	0.7774
0.6352	0.9953	0.4058	2.6952	0.9347	0.8021
0.6861	0.9956	0.3945	2.7604	0.9441	0.8248
0.7321	0.9962	0.3858	2.8126	0.9513	0.8433
0.7835	0.9976	0.3751	2.8807	0.9604	0.8680
0.8427	0.9972	0.3642	2.9477	0.9689	0.8929
0.9127	0.9980	0.3546	3.0121	0.9768	0.9173
0.9778	0.9985	0.3467	3.0658	0.9831	0.9382
1.0644	0.9990	0.3382	3.1256	0.9899	0.9618
1.1322	0.9992	0.3334	3.1598	0.9937	0.9755
1.2279	0.9995	0.3283	3.1968	0.9977	0.9905
1.3112	1.0003	0.3272	3.2074	0.9988	0.9948
1.4136	1.0001	0.3263	3.2133	0.9994	0.9972
1.5054	1.0001	0.3260	3.2154	0.9997	0.9981
1.5948	1.0002	0.3257	3.2174	0.9999	0.9989

DEL = 0.2380 DELU= .0335 DEL*= .0851 CM
THETA= .01457 H = 5.842 UE = 645.6 M/SEC
RHOE= 0.2107 KG/M**3 RUN = 3052

MACH = 3.00 PO = 296.7 KPA TO = 307.7 K
ALPHA= 2.10 Z/D= 3.33 PHI= 240.
RPM= 20000. PW = 6.05 KPA REL=7280363.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3536
0.0827	0.9697	0.7152	1.3340	0.6143	0.4545
0.1067	0.9747	0.6653	1.5248	0.6772	0.4886
0.1332	0.9776	0.6368	1.6358	0.7107	0.5106
0.1477	0.9792	0.6137	1.7256	0.7362	0.5295
0.1719	0.9818	0.5857	1.8390	0.7663	0.5550
0.2059	0.9843	0.5531	1.9743	0.7995	0.5876
0.2330	0.9858	0.5337	2.0578	0.8187	0.6089
0.2604	0.9872	0.5201	2.1191	0.8320	0.6251
0.3177	0.9891	0.4948	2.2349	0.8559	0.6571
0.3577	0.9898	0.4823	2.2938	0.8674	0.6740
0.4357	0.9912	0.4651	2.3784	0.8831	0.6991
0.4965	0.9922	0.4475	2.4672	0.8986	0.7264
0.5397	0.9932	0.4363	2.5264	0.9085	0.7452
0.5830	0.9938	0.4253	2.5851	0.9180	0.7643
0.6163	0.9949	0.4160	2.6378	0.9261	0.7818
0.6857	0.9956	0.4004	2.7265	0.9393	0.8120
0.7399	0.9961	0.3899	2.7880	0.9479	0.8336
0.7918	0.9967	0.3774	2.8642	0.9582	0.8610
0.8491	0.9976	0.3677	2.9266	0.9663	0.8840
0.8909	0.9980	0.3604	2.9745	0.9722	0.9020
0.9355	0.9983	0.3531	3.0224	0.9780	0.9204
0.9882	0.9989	0.3459	3.0722	0.9839	0.9397
1.0676	0.9989	0.3371	3.1331	0.9908	0.9637
1.1596	0.9997	0.3307	3.1805	0.9960	0.9828
1.2355	1.0004	0.3282	3.1998	0.9980	0.9906
1.3469	1.0006	0.3268	3.2106	0.9991	0.9951
1.4368	0.9999	0.3260	3.2151	0.9996	0.9969
1.5269	1.0003	0.3259	3.2169	0.9998	0.9977
1.6008	1.0005	0.3257	3.2189	1.0000	0.9985

DEL = 0.2355 DELU= .0363 DEL*= .0878 CM
THETA= .01442 H = 6.087 UE = 645.7 M/SEC
RHOE= 0.2105 KG/M**3 RUN = 3053

MACH = 3.00 PO = 298.3 KPA TO = 306.3 K
ALPHA= 2.10 Z/D= 3.33 PHI= 270.
RPM= 0. PW = 6.38 KPA REL=7325158.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9199	0.9199	0.0000	0.0000	0.3617
0.0379	0.9648	0.7646	1.1440	0.5479	0.4352
0.0542	0.9671	0.7446	1.2225	0.5778	0.4469
0.0704	0.9709	0.7085	1.3608	0.6274	0.4696
0.0921	0.9741	0.6788	1.4750	0.6656	0.4903
0.1112	0.9767	0.6512	1.5808	0.6987	0.5110
0.1275	0.9787	0.6293	1.6660	0.7239	0.5288
0.1576	0.9812	0.6001	1.7819	0.7561	0.5545
0.1850	0.9830	0.5762	1.8790	0.7813	0.5775
0.2182	0.9854	0.5484	1.9962	0.8097	0.6068
0.2519	0.9871	0.5268	2.0903	0.8309	0.6318
0.2828	0.9884	0.5114	2.1596	0.8458	0.6509
0.3392	0.9901	0.4879	2.2686	0.8679	0.6822
0.3958	0.9910	0.4759	2.3264	0.8789	0.6994
0.4527	0.9919	0.4633	2.3883	0.8903	0.7184
0.5155	0.9927	0.4518	2.4465	0.9006	0.7367
0.5643	0.9937	0.4374	2.5219	0.9134	0.7610
0.6190	0.9945	0.4253	2.5867	0.9239	0.7826
0.6595	0.9952	0.4145	2.6468	0.9332	0.8030
0.6971	0.9960	0.4048	2.7026	0.9416	0.8225
0.7582	0.9967	0.3941	2.7651	0.9506	0.8447
0.7961	0.9971	0.3858	2.8146	0.9575	0.8627
0.8635	0.9978	0.3746	2.8838	0.9667	0.8884
0.9165	0.9986	0.3640	2.9524	0.9755	0.9145
0.9755	0.9990	0.3559	3.0059	0.9821	0.9353
1.0289	0.9995	0.3477	3.0615	0.9887	0.9573
1.0974	1.0001	0.3409	3.1092	0.9942	0.9765
1.1783	1.0005	0.3368	3.1390	0.9975	0.9886
1.2883	1.0005	0.3343	3.1566	0.9995	0.9958
1.3862	1.0003	0.3336	3.1613	1.0000	0.9978
1.4753	1.0005	0.3334	3.1630	1.0002	0.9985
1.5738	1.0007	0.3333	3.1639	1.0003	0.9989

DEL = 0.2086 DELU= .0297 DEL*= .0754 CM
THETA= .01325 H = 5.692 UE = 640.5 M/SEC
RHOE= 0.2177 KG/M**3 RUN = 3062

MACH = 3.00 PO = 298.5 KPA TO = 306.4 K
ALPHA= 2.10 Z/D= 3.33 PHI= 270.
RPM= 20000. PW = 6.39 KPA REL=7324933.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9200	0.9200	0.0000	0.0000	0.3621
0.0797	0.9724	0.6904	1.4289	0.6502	0.4823
0.1090	0.9760	0.6546	1.5668	0.6942	0.5088
0.1358	0.9783	0.6276	1.6716	0.7252	0.5306
0.1626	0.9812	0.5959	1.7981	0.7601	0.5589
0.1896	0.9833	0.5706	1.9015	0.7866	0.5837
0.2195	0.9855	0.5428	2.0192	0.8147	0.6136
0.2774	0.9877	0.5107	2.1613	0.8458	0.6521
0.3327	0.9895	0.4882	2.2658	0.8670	0.6822
0.3882	0.9905	0.4748	2.3305	0.8794	0.7015
0.4468	0.9914	0.4615	2.3961	0.8914	0.7217
0.5113	0.9925	0.4464	2.4729	0.9048	0.7461
0.5620	0.9933	0.4347	2.5345	0.9151	0.7661
0.6185	0.9942	0.4217	2.6054	0.9265	0.7859
0.6667	0.9951	0.4109	2.6664	0.9358	0.8108
0.7066	0.9957	0.4013	2.7213	0.9439	0.8301
0.7523	0.9963	0.3921	2.7759	0.9517	0.8497
0.7981	0.9968	0.3838	2.8257	0.9586	0.8679
0.8499	0.9973	0.3739	2.8873	0.9668	0.8908
0.9076	0.9981	0.3640	2.9514	0.9750	0.9153
0.9568	0.9985	0.3566	3.0000	0.9810	0.9341
1.0179	0.9990	0.3498	3.0460	0.9865	0.9523
1.0881	0.9990	0.3428	3.0936	0.9920	0.9713
1.1557	0.9997	0.3388	3.1231	0.9954	0.9833
1.2366	0.9996	0.3358	3.1437	0.9977	0.9918
1.3387	0.9999	0.3341	3.1565	0.9991	0.9970
1.4501	0.9998	0.3335	3.1608	0.9995	0.9988
1.5315	0.9998	0.3332	3.1628	0.9998	0.9996

DEL = 0.2126 DELU= .0313 DEL*= .0762 CM
THETA= .01304 H = 5.845 UE = 640.7 M/SEC
RHOE= 0.2178 KG/M**3 RUN = 3063

MACH = 3.00 PO = 298.7 KPA TO = 307.1 K
ALPHA= 2.10 Z/D= 3.33 PHI= 300.
RPM= 0. PW = 6.65 KPA REL=7301897.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3640
0.0339	0.9645	0.7638	1.1461	0.5491	0.4384
0.0693	0.9699	0.7191	1.3207	0.6138	0.4658
0.0985	0.9742	0.6718	1.5001	0.6741	0.4983
0.1227	0.9772	0.6396	1.6246	0.7123	0.5234
0.1704	0.9814	0.5929	1.8102	0.7641	0.5647
0.2158	0.9843	0.5547	1.9679	0.8035	0.6035
0.2494	0.9865	0.5334	2.0610	0.8250	0.6280
0.2708	0.9873	0.5180	2.1284	0.8397	0.6464
0.2892	0.9884	0.5031	2.1963	0.8539	0.6656
0.3075	0.9888	0.4942	2.2373	0.8622	0.6774
0.3475	0.9899	0.4768	2.3195	0.8782	0.7019
0.3814	0.9908	0.4692	2.3578	0.8853	0.7136
0.4432	0.9914	0.4577	2.4147	0.8956	0.7314
0.5052	0.9925	0.4448	2.4812	0.9071	0.7527
0.5519	0.9926	0.4372	2.5202	0.9137	0.7655
0.6019	0.9934	0.4267	2.5771	0.9229	0.7844
0.6532	0.9944	0.4141	2.6472	0.9339	0.8084
0.7214	0.9952	0.4020	2.7164	0.9442	0.8328
0.7624	0.9958	0.3933	2.7677	0.9515	0.8512
0.8036	0.9963	0.3844	2.8210	0.9589	0.8708
0.8704	0.9965	0.3727	2.8930	0.9685	0.8978
0.9023	0.9974	0.3684	2.9216	0.9722	0.9086
0.9759	0.9981	0.3557	3.0054	0.9826	0.9412
1.0331	0.9987	0.3471	3.0635	0.9895	0.9644
1.1274	0.9992	0.3412	3.1053	0.9943	0.9813
1.2513	0.9992	0.3383	3.1257	0.9966	0.9896
1.3643	0.9993	0.3369	3.1352	0.9977	0.9935
1.4675	0.9994	0.3357	3.1439	0.9987	0.9971
1.5576	0.9994	0.3352	3.1475	0.9991	0.9986
1.6947	0.9992	0.3350	3.1485	0.9992	0.9990
1.8020	0.9993	0.3348	3.1499	0.9993	0.9996
1.9095	0.9993	0.3346	3.1513	0.9995	1.0002
1.9971	0.9993	0.3346	3.1516	0.9995	1.0003

CEL = 0.1918 DELL= .0269 DEL*= .0679 CM
THETA= .01215 H = 5.590 UE = 640.7 M/SEC
RHOE= 0.2245 KG/M**3 RUN = 3019

MACH = 3.00 PO = 298.7 KPA TO = 306.8 K
ALPHA= 2.10 Z/D= 3.33 PHI= 300.
RPM= 20000. PW = 6.65 KPA REL=7310948.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9201	0.9201	0.0000	0.0000	0.3633
0.0941	0.9749	0.6676	1.5170	0.6791	0.5006
0.1366	0.9784	0.6268	1.6750	0.7267	0.5331
0.1678	0.9814	0.5925	1.8115	0.7641	0.5640
0.1966	0.9839	0.5614	1.9397	0.7964	0.5952
0.2053	0.9849	0.5467	2.0017	0.8111	0.6110
0.2373	0.9861	0.5307	2.0712	0.8269	0.6295
0.2576	0.9868	0.5186	2.1249	0.8387	0.6441
0.2751	0.9877	0.5070	2.1773	0.8497	0.6588
0.3306	0.9899	0.4822	2.2942	0.8730	0.6929
0.3775	0.9906	0.4723	2.3423	0.8821	0.7075
0.4334	0.9911	0.4614	2.3957	0.8919	0.7240
0.4836	0.9917	0.4504	2.4515	0.9017	0.7417
0.5340	0.9927	0.4390	2.5112	0.9119	0.7610
0.5757	0.9937	0.4294	2.5632	0.9204	0.7783
0.6354	0.9944	0.4156	2.6390	0.9322	0.8040
0.7043	0.9952	0.4006	2.7241	0.9449	0.8339
0.7767	0.9967	0.3867	2.8087	0.9569	0.8645
0.8220	0.9968	0.3792	2.8535	0.9629	0.8811
0.9020	0.9978	0.3663	2.9363	0.9737	0.9125
0.9805	0.9982	0.3545	3.0129	0.9831	0.9423
1.0819	0.9990	0.3439	3.0865	0.9918	0.9717
1.1905	0.9990	0.3381	3.1260	0.9963	0.9878
1.2853	0.9995	0.3361	3.1413	0.9980	0.9941
1.3835	0.9996	0.3351	3.1485	0.9988	0.9971
1.4946	0.9998	0.3348	3.1514	0.9991	0.9983
1.6092	0.9994	0.3346	3.1518	0.9992	0.9984
1.7177	0.9998	0.3345	3.1533	0.9993	0.9990
1.8200	0.9994	0.3343	3.1540	0.9994	0.9993
1.9129	0.9994	0.3341	3.1553	0.9995	0.9999

CEL = 0.2016 DELL= .0298 DEL*= .0713 CM
THETA= .01211 H = 5.887 UE = 640.7 M/SEC
RHOE= 0.2247 KG/M**3 RUN = 3021

MACH = 3.00 PO = 298.6 KPA TO = 306.2 K
ALPHA= 2.10 Z/D= 3.33 PHI= 330.
RPM= 0. PW = 6.87 KPA REL=7330831.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9206	0.9206	0.0000	0.0000	0.3671
0.0229	0.9663	0.7574	1.1742	0.5615	0.4464
0.0489	0.9689	0.7282	1.2855	0.6030	0.4640
0.0836	0.9736	0.6835	1.4553	0.6615	0.4941
0.0981	0.9765	0.6557	1.5639	0.6960	0.5154
0.1185	0.9791	0.6314	1.6594	0.7245	0.5355
0.1389	0.9805	0.6153	1.7226	0.7425	0.5495
0.1565	0.9815	0.5941	1.8057	0.7650	0.5687
0.1770	0.9836	0.5764	1.8793	0.7840	0.5864
0.2063	0.9856	0.5482	1.9973	0.8127	0.6165
0.2358	0.9870	0.5268	2.0901	0.8337	0.6414
0.2535	0.9890	0.5132	2.1531	0.8474	0.6591
0.2801	0.9894	0.4970	2.2258	0.8623	0.6800
0.3128	0.9907	0.4848	2.2843	0.8739	0.6974
0.3946	0.9925	0.4618	2.3968	0.8949	0.7322
0.4769	0.9932	0.4483	2.4654	0.9070	0.7542
0.5627	0.9943	0.4321	2.5506	0.9212	0.7825
0.6274	0.9949	0.4202	2.6153	0.9316	0.8045
0.6739	0.9954	0.4105	2.6692	0.9398	0.8234
0.7329	0.9963	0.3963	2.7514	0.9519	0.8528
0.7921	0.9969	0.3877	2.8031	0.9592	0.8718
0.8578	0.9976	0.3791	2.8558	0.9663	0.8915
0.8924	0.9983	0.3709	2.9081	0.9732	0.9115
0.9775	0.9986	0.3601	2.9779	0.9820	0.9387
1.0314	0.9993	0.3498	3.0471	0.9904	0.9663
1.1492	0.9997	0.3458	3.0746	0.9936	0.9774
1.2358	0.9998	0.3438	3.0885	0.9952	0.9831
1.3684	0.9999	0.3397	3.1169	0.9984	0.9948
1.4576	1.0001	0.3388	3.1242	0.9993	0.9978
1.5700	0.9996	0.3380	3.1284	0.9997	0.9995
1.6993	0.9996	0.3380	3.1287	0.9998	0.9996
1.7857	0.9998	0.3379	3.1293	0.9998	0.9999

DEL = 0.1930 DELU= .0250 DEL*= .0653 CM
THETA= .01199 H = 5.447 UE = 638.2 M/SEC
RHOE= 0.2294 KG/M**3 RUN = 3033

MACH = 3.00 PO = 298.4 KPA TO = 306.3 K
ALPHA= 2.10 Z/D= 3.33 PHI= 330.
RPM= 2000. PW = 6.87 KPA REL=7325076.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9205	0.9205	0.0000	0.0000	0.3664
0.0954	0.9754	0.6693	1.5122	0.6797	0.5041
0.1123	0.9781	0.6438	1.6114	0.7102	0.5242
0.1407	0.9806	0.6115	1.7371	0.7463	0.5517
0.1777	0.9829	0.5878	1.8333	0.7721	0.5741
0.2263	0.9850	0.5604	1.9463	0.8004	0.6021
0.2579	0.9871	0.5260	2.0933	0.8342	0.6411
0.3187	0.9892	0.5028	2.1992	0.8567	0.6710
0.3628	0.9906	0.4833	2.2909	0.8750	0.6981
0.4516	0.9920	0.4633	2.3886	0.8932	0.7282
0.5319	0.9931	0.4473	2.4702	0.9076	0.7543
0.5768	0.9936	0.4370	2.5233	0.9165	0.7718
0.6218	0.9943	0.4270	2.5772	0.9253	0.7899
0.6639	0.9954	0.4162	2.6379	0.9348	0.8108
0.7122	0.9957	0.4057	2.6967	0.9437	0.8315
0.7607	0.9969	0.3962	2.7533	0.9519	0.8518
0.8123	0.9971	0.3860	2.8134	0.9603	0.8740
0.8642	0.9975	0.3773	2.8667	0.9675	0.8939
0.9132	0.9979	0.3683	2.9233	0.9749	0.9156
0.9592	0.9989	0.3613	2.9702	0.9808	0.9338
1.0178	0.9990	0.3540	3.0181	0.9866	0.9528
1.1207	0.9995	0.3455	3.0762	0.9935	0.9762
1.2229	1.0004	0.3408	3.1106	0.9975	0.9902
1.3077	1.0001	0.3390	3.1227	0.9988	0.9952
1.4294	0.9998	0.3379	3.1294	0.9996	0.9980
1.5387	1.0002	0.3379	3.1301	0.9997	0.9983
1.6386	1.0000	0.3378	3.1304	0.9997	0.9984
1.7322	1.0002	0.3378	3.1311	0.9998	0.9987

DEL = 0.1986 DELU= .0259 DEL*= .0715 CM
THETA= .01226 H = 5.830 UE = 638.5 M/SEC
RHOE= 0.2289 KG/M**3 RUN = 3034

MACH = 3.00 PO = 298.5 KPA TO = 307.5 K
ALPHA= 4.20 Z/D= 3.33 PHI= 0.
RPM= 0. PW = 7.70 KPA REL=7292931.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9223	0.9223	0.0000	0.0000	0.3821
0.0421	0.9684	0.7459	1.2212	0.5864	0.4724
0.0611	0.9710	0.7256	1.3005	0.6158	0.4858
0.0834	0.9733	0.7035	1.3848	0.6456	0.5010
0.0961	0.9754	0.6842	1.4589	0.6707	0.5153
0.1217	0.9774	0.6610	1.5470	0.6991	0.5332
0.1345	0.9788	0.6439	1.6125	0.7193	0.5473
0.1409	0.9794	0.6387	1.6332	0.7255	0.5519
0.1505	0.9806	0.6237	1.6914	0.7425	0.5651
0.1665	0.9823	0.6050	1.7661	0.7635	0.5826
0.1890	0.9842	0.5820	1.8588	0.7882	0.6056
0.2277	0.9862	0.5562	1.9663	0.8151	0.6338
0.2374	0.9874	0.5387	2.0409	0.8327	0.6542
0.2795	0.9897	0.5108	2.1649	0.8601	0.6900
0.3022	0.9909	0.4962	2.2325	0.8741	0.7104
0.3577	0.9922	0.4748	2.3343	0.8940	0.7424
0.4003	0.9931	0.4613	2.4010	0.9064	0.7641
0.4737	0.9937	0.4500	2.4581	0.9166	0.7832
0.5177	0.9946	0.4407	2.5068	0.9250	0.7998
0.5645	0.9951	0.4320	2.5531	0.9327	0.8160
0.6287	0.9961	0.4206	2.6156	0.9428	0.8382
0.6863	0.9966	0.4068	2.6923	0.9546	0.8663
0.7408	0.9969	0.3986	2.7395	0.9616	0.8840
0.7920	0.9977	0.3920	2.7797	0.9673	0.8992
0.8880	0.9982	0.3817	2.8420	0.9760	0.9234
0.9777	0.9989	0.3731	2.8959	0.9832	0.9447
1.0853	0.9997	0.3630	2.9617	0.9917	0.9713
1.2341	1.0000	0.3561	3.0067	0.9973	0.9898
1.3237	1.0001	0.3542	3.0195	0.9989	0.9951
1.4442	1.0002	0.3532	3.0262	0.9997	0.9979
1.5547	1.0002	0.3528	3.0288	1.0000	0.9990
1.6750	1.0002	0.3527	3.0300	1.0001	0.9995
1.7882	1.0004	0.3526	3.0308	1.0003	0.9999

CEL = 0.1748 DELU= .0229 DEL*= .0557 CM
THETA= .01039 H = 5.362 UE = 632.2 M/SEC
RHOE= 0.2469 KG/M**3 RUN = 3010

MACH = 3.00 PO = 298.6 KPA TO = 307.4 K
ALPHA= 4.20 Z/D= 3.33 PHI= 0.
RPM= 20000. PW = 7.70 KPA REL=7284704.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9223	0.9223	0.0000	0.0000	0.3822
0.1281	0.9765	0.6711	1.5085	0.6868	0.5254
0.1483	0.9795	0.6384	1.6343	0.7258	0.5522
0.1719	0.9815	0.6167	1.7200	0.7506	0.5718
0.1956	0.9834	0.5921	1.8178	0.7774	0.5954
0.2091	0.9847	0.5781	1.8754	0.7924	0.6100
0.2601	0.9877	0.5389	2.0408	0.8326	0.6543
0.2976	0.9898	0.5117	2.1612	0.8592	0.6891
0.3049	0.9899	0.5069	2.1830	0.8638	0.6956
0.3731	0.9920	0.4785	2.3163	0.8905	0.7368
0.4353	0.9933	0.4650	2.3833	0.9031	0.7584
0.4846	0.9937	0.4563	2.4265	0.9109	0.7727
0.5588	0.9946	0.4447	2.4864	0.9214	0.7920
0.6049	0.9947	0.4356	2.5333	0.9293	0.8092
0.6654	0.9958	0.4247	2.5931	0.9391	0.8303
0.7225	0.9968	0.4122	2.6630	0.9500	0.8556
0.7906	0.9973	0.4018	2.7221	0.9589	0.8776
0.8374	0.9974	0.3935	2.7704	0.9659	0.8959
0.9385	0.9986	0.3786	2.8615	0.9786	0.9312
1.0293	0.9993	0.3675	2.9320	0.9878	0.9594
1.1535	1.0000	0.3586	2.9908	0.9953	0.9824
1.2750	1.0000	0.3546	3.0166	0.9984	0.9941
1.3935	1.0001	0.3533	3.0256	0.9995	0.9979
1.5203	1.0003	0.3529	3.0285	0.9999	0.9991
1.6216	1.0003	0.3528	3.0297	1.0000	0.9996
1.7518	1.0002	0.3526	3.0303	1.0001	0.9998

CEL = 0.1661 DELU= .0262 DEL*= .0577 CM
THETA= .00995 H = 5.795 UE = 632.3 M/SEC
RHOE= 0.2466 KG/M**3 RUN = 3011

MACH = 3.00 PO = 298.7 KPA TO = 307.8 K
ALPHA= 4.20 Z/D= 3.33 PHI= 30.
RPM= 0. PW = 7.41 KPA REL=7268890.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9218	0.9218	0.0000	0.0000	0.3780
0.0538	0.9695	0.7399	1.2455	0.5934	0.4712
0.0924	0.9721	0.7132	1.3472	0.6302	0.4887
0.1135	0.9758	0.6742	1.4957	0.6803	0.5169
0.1418	0.9784	0.6485	1.5948	0.7114	0.5375
0.1665	0.9802	0.6266	1.6796	0.7366	0.5562
0.2020	0.9829	0.5944	1.8076	0.7720	0.5863
0.2269	0.9841	0.5767	1.8795	0.7908	0.6042
0.2519	0.9862	0.5499	1.9918	0.8183	0.6336
0.2804	0.9878	0.5324	2.0681	0.8359	0.6546
0.3055	0.9893	0.5162	2.1406	0.8519	0.6753
0.3342	0.9905	0.4969	2.2288	0.8703	0.7015
0.3666	0.9912	0.4844	2.2874	0.8819	0.7195
0.4327	0.9924	0.4678	2.3682	0.8973	0.7450
0.5027	0.9931	0.4553	2.4301	0.9085	0.7653
0.5544	0.9938	0.4455	2.4807	0.9173	0.7822
0.6212	0.9947	0.4342	2.5406	0.9274	0.8026
0.6807	0.9956	0.4213	2.6106	0.9387	0.8272
0.7330	0.9966	0.4113	2.6671	0.9475	0.8475
0.7930	0.9967	0.4008	2.7265	0.9563	0.8693
0.8644	0.9980	0.3886	2.8003	0.9669	0.8971
0.9135	0.9981	0.3785	2.8612	0.9752	0.9206
0.9740	0.9988	0.3700	2.9150	0.9823	0.9418
1.0310	0.9991	0.3630	2.9597	0.9880	0.9597
1.1072	0.9995	0.3564	3.0036	0.9935	0.9776
1.2106	1.0000	0.3513	3.0383	0.9977	0.9919
1.3648	1.0001	0.3493	3.0521	0.9993	0.9976
1.4852	0.9998	0.3487	3.0557	0.9997	0.9991
1.6064	0.9996	0.3485	3.0563	0.9998	0.9994
1.7419	1.0000	0.3484	3.0581	1.0000	1.0001

DEL = 0.1593 DELU= .0235 DEL*= .0560 CM
THETA= .01019 H = 5.497 UE = 634.9 M/SEC
RHOE= 0.2408 KG/M**3 RUN = 3045

MACH = 3.00 PO = 298.6 KPA TO = 307.7 K
ALPHA= 4.20 Z/D= 3.33 PHI= 30.
RPM= 20000. PW = 7.41 KPA REL=7269148.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3773
0.1168	0.9769	0.6602	1.5488	0.6965	0.5269
0.1568	0.9797	0.6248	1.6851	0.7373	0.5564
0.1768	0.9821	0.5942	1.8067	0.7710	0.5850
0.2102	0.9843	0.5690	1.9104	0.7977	0.6110
0.2438	0.9860	0.5419	2.0245	0.8251	0.6414
0.2674	0.9876	0.5241	2.1027	0.8427	0.6632
0.2842	0.9888	0.5094	2.1695	0.8571	0.6826
0.3146	0.9897	0.4945	2.2375	0.8711	0.7029
0.3589	0.9911	0.4802	2.3065	0.8847	0.7242
0.4350	0.9924	0.4620	2.3958	0.9014	0.7527
0.5010	0.9929	0.4518	2.4469	0.9105	0.7695
0.5463	0.9935	0.4406	2.5047	0.9204	0.7889
0.6162	0.9946	0.4299	2.5628	0.9301	0.8089
0.6654	0.9949	0.4191	2.6211	0.9394	0.8295
0.7217	0.9960	0.4081	2.6836	0.9490	0.8520
0.7747	0.9964	0.3982	2.7409	0.9574	0.8732
0.8279	0.9970	0.3887	2.7972	0.9654	0.8944
0.8848	0.9978	0.3801	2.8503	0.9727	0.9148
0.9669	0.9988	0.3692	2.9201	0.9819	0.9422
1.0422	0.9991	0.3610	2.9728	0.9886	0.9634
1.1504	0.9994	0.3536	3.0222	0.9947	0.9836
1.2483	0.9995	0.3498	3.0475	0.9977	0.9940
1.4091	0.9996	0.3480	3.0598	0.9992	0.9991
1.5232	0.9998	0.3476	3.0628	0.9995	1.0004
1.6473	0.9993	0.3472	3.0643	0.9997	1.0010

DEL = 0.1693 DELU= .0257 DEL*= .0581 CM
THETA= .01007 H = 5.775 UE = 635.3 M/SE
RHOE= 0.2407 KG/M**3 RUN = 3046

MACH = 3.00 PO = 298.3 KPA TO = 308.8 K
ALPHA= 4.20 Z/D= 3.33 PHI= 60.
RPM= 0. PW = 6.79 KPA REL=7235055.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9206	0.9206	0.0000	0.0000	0.3677
0.0412	0.9660	0.7587	1.1690	0.5599	0.4463
0.0722	0.9679	0.7404	1.2395	0.5866	0.4572
0.0940	0.9716	0.7067	1.3689	0.6329	0.4790
0.1315	0.9763	0.6583	1.5543	0.6935	0.5143
0.1534	0.9789	0.6295	1.6662	0.7270	0.5378
0.1796	0.9815	0.6014	1.7777	0.7581	0.5630
0.2069	0.9838	0.5719	1.8975	0.7892	0.5919
0.2480	0.9865	0.5375	2.0439	0.8240	0.6299
0.2797	0.9877	0.5191	2.1244	0.8418	0.6520
0.3020	0.9891	0.5029	2.1985	0.8574	0.6732
0.3243	0.9898	0.4902	2.2575	0.8693	0.6905
0.3655	0.9910	0.4754	2.3290	0.8831	0.7122
0.4339	0.9922	0.4616	2.3976	0.8957	0.7336
0.4962	0.9927	0.4508	2.4515	0.9052	0.7509
0.5555	0.9938	0.4378	2.5198	0.9169	0.7734
0.6083	0.9944	0.4262	2.5818	0.9270	0.7943
0.6680	0.9951	0.4152	2.6425	0.9364	0.8153
0.7413	0.9959	0.4030	2.7121	0.9469	0.8400
0.8015	0.9969	0.3931	2.7712	0.9554	0.8614
0.8485	0.9974	0.3836	2.8286	0.9633	0.8827
0.9057	0.9982	0.3742	2.8876	0.9712	0.9051
0.9564	0.9988	0.3642	2.9515	0.9794	0.9298
1.0072	0.9991	0.3562	3.0035	0.9858	0.9504
1.0650	0.9995	0.3503	3.0443	0.9907	0.9667
1.1812	0.9999	0.3431	3.0941	0.9966	0.9870
1.2982	1.0003	0.3403	3.1140	0.9988	0.9952
1.4126	1.0003	0.3395	3.1198	0.9995	0.9976
1.5138	1.0003	0.3393	3.1213	0.9997	0.9982
1.6384	1.0003	0.3392	3.1214	0.9997	0.9983
1.7527	1.0002	0.3390	3.1227	0.9998	0.9988

DEL = 0.1787 DELU= .0260 DEL*= .0639 CM
THETA= .01137 H = 5.626 UE = 640.5 M/SEC
RHOE= 0.2260 KG/M**3 RUN = 3056

MACH = 3.00 PO = 298.2 KPA TO = 309.1 K
ALPHA= 4.20 Z/D= 3.33 PHI= 60.
RPM= 20000. PW = 6.79 KPA REL=7228607.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3680
0.1051	0.9722	0.6950	1.4124	0.6478	0.4872
0.1267	0.9759	0.6611	1.5432	0.6901	0.5124
0.1638	0.9791	0.6231	1.6903	0.7339	0.5435
0.1855	0.9820	0.5922	1.8140	0.7678	0.5720
0.2135	0.9839	0.5654	1.9238	0.7957	0.5989
0.2384	0.9858	0.5444	2.0133	0.8171	0.6222
0.2572	0.9872	0.5284	2.0837	0.8330	0.6412
0.2980	0.9886	0.5040	2.1926	0.8562	0.6719
0.3389	0.9902	0.4852	2.2813	0.8740	0.6981
0.3800	0.9911	0.4725	2.3426	0.8857	0.7169
0.4475	0.9919	0.4602	2.4034	0.8968	0.7360
0.4928	0.9926	0.4509	2.4506	0.9051	0.7511
0.5578	0.9936	0.4383	2.5170	0.9164	0.7730
0.6166	0.9943	0.4254	2.5859	0.9277	0.7963
0.6591	0.9950	0.4148	2.6445	0.9368	0.8166
0.7051	0.9956	0.4053	2.6985	0.9449	0.8357
0.7809	0.9967	0.3909	2.7839	0.9572	0.8667
0.8504	0.9975	0.3791	2.8558	0.9671	0.8936
0.8970	0.9980	0.3709	2.9079	0.9739	0.9135
0.9503	0.9985	0.3633	2.9567	0.9801	0.9225
1.0072	0.9989	0.3565	3.0015	0.9857	0.9502
1.0743	0.9996	0.3489	3.0535	0.9919	0.9711
1.1553	0.9996	0.3445	3.0837	0.9954	0.9835
1.2809	0.9999	0.3406	3.1111	0.9985	0.9947
1.3869	0.9999	0.3396	3.1178	0.9993	0.9975
1.5005	1.0002	0.3393	3.1208	0.9996	0.9987
1.6201	1.0000	0.3391	3.1217	0.9997	0.9991
1.7153	1.0000	0.3389	3.1229	0.9999	0.9996

DEL = 0.1811 DELL= .0283 DEL*= .0651 CM
THETA= .01098 H = 5.926 UE = 640.5 M/SEC
RHOE= 0.2258 KG/M**3 RUN = 3057

MACH = 3.00 PO = 298.0 KPA TO = 306.8 K
ALPHA= 4.20 Z/D= 3.33 PHI= 90.
RPM= 0. PW = 6.09 KPA REL=7297696.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9193	0.9193	0.0000	0.0000	0.3563
0.0402	0.9641	0.7607	1.1562	0.5500	0.4306
0.0536	0.9666	0.7436	1.2246	0.5760	0.4405
0.0724	0.9703	0.7102	1.3532	0.6220	0.4612
0.0885	0.9732	0.6813	1.4637	0.6590	0.4808
0.1100	0.9760	0.6540	1.5690	0.6920	0.5009
0.1262	0.9782	0.6296	1.6638	0.7200	0.5203
0.1506	0.9801	0.6081	1.7490	0.7438	0.5387
0.1668	0.9818	0.5880	1.8299	0.7653	0.5572
0.1831	0.9831	0.5695	1.9056	0.7844	0.5751
0.2132	0.9850	0.5486	1.9945	0.8057	0.5972
0.2215	0.9859	0.5345	2.0550	0.8194	0.6128
0.2521	0.9874	0.5176	2.1304	0.8359	0.6330
0.2687	0.9884	0.5062	2.1824	0.8468	0.6473
0.3189	0.9896	0.4865	2.2742	0.8651	0.6734
0.3749	0.9910	0.4705	2.3519	0.8797	0.6964
0.4199	0.9918	0.4585	2.4114	0.8905	0.7146
0.4791	0.9925	0.4454	2.4784	0.9021	0.7355
0.5159	0.9935	0.4339	2.5397	0.9123	0.7552
0.5642	0.9942	0.4214	2.6071	0.9230	0.7775
0.6127	0.9950	0.4093	2.6749	0.9333	0.8004
0.6613	0.9957	0.3985	2.7376	0.9425	0.8222
0.7101	0.9963	0.3893	2.7920	0.9501	0.8415
0.7677	0.9970	0.3784	2.8593	0.9592	0.8659
0.8198	0.9977	0.3699	2.9129	0.9662	0.8857
0.8779	0.9983	0.3616	2.9672	0.9730	0.9062
0.9450	0.9986	0.3530	3.0239	0.9799	0.9280
1.0183	0.9990	0.3445	3.0817	0.9866	0.9507
1.0566	0.9999	0.3361	3.1423	0.9935	0.9749
1.1662	0.9999	0.3315	3.1749	0.9970	0.9881
1.2690	1.0001	0.3295	3.1900	0.9986	0.9943
1.3630	1.0002	0.3281	3.2003	0.9998	0.9985
1.4663	1.0003	0.3280	3.2013	0.9999	0.9989
1.5698	1.0002	0.3277	3.2030	1.0000	0.9997

DEL = 0.2107 DELL= .0292 DEL*= .0741 CM
THETA= .01277 H = 5.800 UE = 643.7 M/SEC
RHOE= 0.2110 KG/M**3 RUN = 3066

MACH = 3.00 PO = 298.1 KPA TO = 306.9 K
ALPHA= 4.20 Z/D= 3.33 PHI= 90.
RPM= 20000. PW = 6.09 KPA REL=7294001.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9193	0.9193	0.0000	0.0000	0.3561
0.1049	0.9751	0.6595	1.5470	0.6851	0.4963
0.1216	0.9776	0.6323	1.6525	0.7166	0.5177
0.1438	0.9791	0.6153	1.7194	0.7355	0.5320
0.1522	0.9807	0.5969	1.7930	0.7554	0.5484
0.1717	0.9823	0.5776	1.8717	0.7757	0.5667
0.1885	0.9834	0.5614	1.9388	0.7923	0.5830
0.2166	0.9851	0.5422	2.0212	0.8116	0.6037
0.2308	0.9862	0.5276	2.0849	0.8258	0.6204
0.2594	0.9878	0.5093	2.1674	0.8434	0.6428
0.3081	0.9890	0.4902	2.2554	0.8612	0.6677
0.3541	0.9901	0.4756	2.3254	0.8746	0.6882
0.4118	0.9909	0.4633	2.3865	0.8858	0.7066
0.4611	0.9917	0.4523	2.4416	0.8955	0.7236
0.5018	0.9924	0.4416	2.4974	0.9050	0.7412
0.5543	0.9934	0.4295	2.5600	0.9153	0.7615
0.6129	0.9944	0.4184	2.6234	0.9253	0.7826
0.6511	0.9948	0.4085	2.6790	0.9337	0.8015
0.7071	0.9953	0.3961	2.7501	0.9440	0.8262
0.7515	0.9960	0.3877	2.8011	0.9511	0.8443
0.7930	0.9967	0.3795	2.8491	0.9576	0.8617
0.8347	0.9972	0.3717	2.9009	0.9644	0.8808
0.8735	0.9975	0.3644	2.9477	0.9703	0.8984
0.9214	0.9980	0.3565	2.9994	0.9767	0.9181
0.9755	0.9985	0.3490	3.0502	0.9827	0.9378
1.0359	0.9991	0.3425	3.0962	0.9880	0.9559
1.0873	0.9994	0.3372	3.1334	0.9922	0.9708
1.2001	0.9996	0.3317	3.1732	0.9966	0.9869
1.2966	0.9999	0.3295	3.1892	0.9983	0.9935
1.4120	0.9999	0.3284	3.1975	0.9992	0.9969
1.5027	1.0001	0.3280	3.2006	0.9995	0.9982
1.6123	1.0000	0.3276	3.2033	0.9998	0.9993

DEL = 0.2048 DELL= .0309 DEL*= .0743 CM
THETA= .01223 H = 6.072 UE = 643.9 M/SEC
RHOE= 0.2111 KG/M**3 RUN = 3067

MACH = 3.00 PO = 298.6 KPA TO = 307.6 K
ALPHA= 4.20 Z/D= 3.33 PHI= 120.
RPM= 0. PW = 5.69 KPA REL=7368740.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9179	0.9179	0.0000	0.0000	0.3442
0.0296	0.9614	0.7756	1.0942	0.5241	0.4074
0.0369	0.9630	0.7615	1.1501	0.5459	0.4148
0.0541	0.9688	0.7208	1.3115	0.6054	0.4385
0.0787	0.9726	0.6866	1.4432	0.6501	0.4605
0.0959	0.9761	0.6522	1.5756	0.6918	0.4848
0.1256	0.9793	0.6237	1.6882	0.7246	0.5072
0.1828	0.9841	0.5690	1.9098	0.7829	0.5561
0.2324	0.9869	0.5359	2.0513	0.8160	0.5905
0.2673	0.9889	0.5133	2.1524	0.8379	0.6167
0.3049	0.9904	0.4997	2.2159	0.8508	0.6338
0.3552	0.9916	0.4857	2.2821	0.8638	0.6522
0.4159	0.9928	0.4691	2.3627	0.8789	0.6753
0.4743	0.9946	0.4526	2.4470	0.8939	0.7003
0.5407	0.9960	0.4346	2.5413	0.9096	0.7294
0.5946	0.9975	0.4225	2.6090	0.9203	0.7509
0.6719	0.9989	0.4048	2.7088	0.9353	0.7838
0.7264	1.0007	0.3939	2.7753	0.9448	0.8064
0.7937	1.0015	0.3811	2.8527	0.9553	0.8334
0.8860	1.0029	0.3628	2.9703	0.9703	0.8758
0.9771	1.0040	0.3476	3.0727	0.9824	0.9141
1.0576	1.0052	0.3372	3.1476	0.9909	0.9429
1.1410	1.0057	0.3297	3.2020	0.9967	0.9644
1.2461	1.0059	0.3254	3.2339	1.0001	0.9771
1.3272	1.0062	0.3240	3.2449	1.0012	0.9815
1.4247	1.0066	0.3230	3.2529	1.0020	0.9847
1.5143	1.0067	0.3224	3.2576	1.0025	0.9867
1.6041	1.0070	0.3223	3.2592	1.0027	0.9873
1.6992	1.0071	0.3218	3.2632	1.0031	0.9889
1.7920	1.0078	0.3215	3.2673	1.0035	0.9906

DEL = 0.2379 DELL= .0335 DEL*= .0908 CM
THETA= .01471 H = 6.174 UE = 646.4 M/SEC
RHOE= 0.2036 KG/M**3 RUN = 3015

MACH = 3.00 PO = 298.5 KPA TO = 306.5 K
ALPHA= 4.20 Z/D= 3.33 PHI= 120.
RPM= 20000. PW = 5.69 KPA REL=7281419.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3478
0.0731	0.9732	0.6730	1.4933	0.6623	0.4746
0.0892	0.9757	0.6446	1.6027	0.6957	0.4955
0.1052	0.9771	0.6315	1.6540	0.7106	0.5059
0.1213	0.9795	0.6033	1.7658	0.7415	0.5295
0.1535	0.9820	0.5695	1.9029	0.7766	0.5607
0.1697	0.9826	0.5613	1.9375	0.7849	0.5689
0.1951	0.9841	0.5407	2.0248	0.8052	0.5904
0.2322	0.9862	0.5130	2.1475	0.8318	0.6223
0.2624	0.9869	0.4991	2.2105	0.8447	0.6394
0.3208	0.9879	0.4821	2.2906	0.8603	0.6619
0.3842	0.9891	0.4655	2.3716	0.8753	0.6854
0.4479	0.9903	0.4489	2.4558	0.8900	0.7108
0.5025	0.9911	0.4317	2.5457	0.9049	0.7389
0.5502	0.9918	0.4186	2.6167	0.9161	0.7618
0.6244	0.9928	0.4011	2.7158	0.9308	0.7949
0.6726	0.9937	0.3884	2.7913	0.9414	0.8209
0.7283	0.9942	0.3771	2.8605	0.9507	0.8454
0.8309	0.9954	0.3590	2.9772	0.9654	0.8880
0.9055	0.9962	0.3457	3.0671	0.9760	0.9221
0.9804	0.9968	0.3364	3.1329	0.9834	0.9476
1.0779	0.9970	0.3272	3.1989	0.9905	0.9738
1.1505	0.9971	0.3232	3.2290	0.9937	0.9859
1.2410	0.9974	0.3212	3.2444	0.9953	0.9921
1.3241	0.9973	0.3201	3.2522	0.9961	0.9953
1.3947	0.9969	0.3195	3.2563	0.9965	0.9970
1.4907	0.9966	0.3188	3.2603	0.9969	0.9986
1.5539	0.9965	0.3184	3.2634	0.9973	0.9999
1.6526	0.9963	0.3177	3.2679	0.9977	1.0017

DEL = 0.2560 DELL= .0360 DEL*= .0908 CM
THETA= .01532 H = 5.931 UE = 649.0 M/SEC
RHOE= 0.2016 KG/M**3 RUN = 3016

MACH = 3.00 PO = 298.6 KPA TO = 305.2 K
ALPHA= 4.20 Z/D= 3.33 PHI= 150.
RPM= 0. PW = 5.65 KPA REL=7328567.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9181	0.9181	0.0000	0.0000	0.3460
0.0259	0.9593	0.7908	1.0322	0.4955	0.4018
0.0367	0.9627	0.7651	1.1361	0.5364	0.4152
0.0492	0.9672	0.7283	1.2807	0.5900	0.4362
0.0672	0.9710	0.6912	1.4228	0.6386	0.4595
0.0836	0.9740	0.6586	1.5475	0.6780	0.4822
0.1019	0.9765	0.6318	1.6515	0.7088	0.5026
0.1293	0.9785	0.6070	1.7495	0.7360	0.5231
0.1718	0.9821	0.5610	1.9373	0.7836	0.5658
0.2089	0.9840	0.5400	2.0274	0.8045	0.5879
0.2591	0.9854	0.5191	2.1192	0.8245	0.6115
0.3171	0.9868	0.5009	2.2024	0.8417	0.6337
0.3661	0.9878	0.4845	2.2789	0.8567	0.6550
0.4134	0.9887	0.4687	2.3552	0.8709	0.6770
0.4625	0.9895	0.4525	2.4369	0.8854	0.7013
0.5031	0.9909	0.4381	2.5117	0.8979	0.7243
0.5396	0.9916	0.4257	2.5781	0.9086	0.7453
0.5898	0.9923	0.4122	2.6527	0.9200	0.7695
0.6266	0.9926	0.4026	2.7067	0.9280	0.7876
0.6772	0.9934	0.3905	2.7785	0.9381	0.8120
0.7368	0.9935	0.3830	2.8230	0.9441	0.8276
0.7327	0.9943	0.3762	2.8664	0.9499	0.8429
0.7626	0.9947	0.3700	2.9052	0.9549	0.8569
0.7946	0.9949	0.3638	2.9452	0.9599	0.8714
0.8485	0.9952	0.3533	3.0143	0.9683	0.8971
0.8986	0.9959	0.3454	3.0688	0.9746	0.9177
0.9568	0.9961	0.3372	3.1258	0.9810	0.9397
1.0311	0.9964	0.3288	3.1860	0.9876	0.9634
1.0855	0.9963	0.3241	3.2203	0.9912	0.9771
1.1542	0.9966	0.3199	3.2520	0.9945	0.9899
1.2130	0.9963	0.3182	3.2640	0.9957	0.9947
1.2998	0.9962	0.3175	3.2690	0.9962	0.9968
1.3668	0.9962	0.3172	3.2716	0.9965	0.9978
1.4360	0.9959	0.3167	3.2749	0.9968	0.9992
1.5075	0.9960	0.3159	3.2808	0.9974	1.0016
1.5710	0.9960	0.3154	3.2848	0.9978	1.0032

DEL = 0.3198 DELL= .0449 DEL*= .1169 CM
THETA= .02017 H = 5.797 UE = 648.7 M/SEC
RHOE= 0.2312 KG/M**3 RUN = 3026

MACH = 3.00 PO = 298.6 KPA TO = 306.7 K
ALPHA= 4.20 Z/D= 3.33 PHI= 150.
RPM= 20000. PW = 5.65 KPA REL=7382667.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9179	0.9179	0.0000	0.0000	0.3441
0.0696	0.9693	0.7039	1.3733	0.6255	0.4484
0.0833	0.9718	0.6778	1.4726	0.6583	0.4655
0.0969	0.9733	0.6587	1.5454	0.6811	0.4788
0.1086	0.9755	0.6381	1.6258	0.7052	0.4944
0.1281	0.9776	0.6142	1.7202	0.7320	0.5137
0.1477	0.9796	0.5890	1.8208	0.7588	0.5355
0.1772	0.9819	0.5638	1.9256	0.7851	0.5596
0.2068	0.9834	0.5427	2.0148	0.8060	0.5812
0.2562	0.9858	0.5206	2.1140	0.8279	0.6063
0.3239	0.9869	0.5014	2.2003	0.8459	0.6293
0.3740	0.9888	0.4858	2.2753	0.8607	0.6499
0.4284	0.9902	0.4681	2.3616	0.8768	0.6746
0.4730	0.9917	0.4556	2.4255	0.8882	0.6935
0.5279	0.9929	0.4404	2.5048	0.9017	0.7177
0.5729	0.9943	0.4278	2.5735	0.9128	0.7392
0.6202	0.9953	0.4155	2.6414	0.9233	0.7611
0.6697	0.9965	0.4038	2.7089	0.9333	0.7835
0.7195	0.9976	0.3924	2.7771	0.9430	0.8066
0.7659	0.9988	0.3823	2.8397	0.9515	0.8284
0.8169	0.9994	0.3721	2.9036	0.9598	0.8511
0.8679	1.0019	0.3635	2.9631	0.9673	0.8727
0.9063	1.0021	0.3554	3.0160	0.9737	0.8924
0.9575	1.0030	0.3473	3.0721	0.9803	0.9135
1.0259	1.0038	0.3380	3.1380	0.9877	0.9388
1.0944	1.0042	0.3309	3.1897	0.9933	0.9591
1.1610	1.0041	0.3261	3.2244	0.9969	0.9729
1.2320	1.0047	0.3235	3.2445	0.9990	0.9810
1.3118	1.0051	0.3222	3.2556	1.0002	0.9854
1.3721	1.0051	0.3216	3.2599	1.0006	0.9872
1.4434	1.0044	0.3208	3.2645	1.0011	0.9891
1.5323	1.0047	0.3203	3.2683	1.0015	0.9906
1.6085	1.0045	0.3198	3.2716	1.0018	0.9919
1.6740	1.0051	0.3195	3.2754	1.0022	0.9934

DEL = 0.3002 DELL= .0448 DEL*= .1158 CM
THETA= .01844 H = 6.281 UE = 646.6 M/SEC
RHOE= 0.2032 KG/M**3 RUN = 3028

MACH = 3.00 PO = 298.0 KPA TO = 312.0 K
ALPHA= 4.20 Z/D= 3.33 PHI= 170.
RPM= 0. PW = 5.66 KPA REL=7134297.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3478
0.0223	0.9574	0.8053	0.9719	0.4730	0.3966
0.0430	0.9640	0.7553	1.1755	0.5540	0.4229
0.0690	0.9715	0.6914	1.4231	0.6417	0.4619
0.0864	0.9746	0.6614	1.5389	0.6786	0.4830
0.1107	0.9778	0.6247	1.6814	0.7207	0.5113
0.1334	0.9806	0.5971	1.7919	0.7508	0.5351
0.1895	0.9839	0.5543	1.9687	0.7948	0.5763
0.2513	0.9861	0.5265	2.0891	0.8220	0.6067
0.3082	0.9877	0.5081	2.1722	0.8396	0.6288
0.3691	0.9889	0.4896	2.2582	0.8568	0.6525
0.4304	0.9902	0.4709	2.3483	0.8738	0.6784
0.4848	0.9915	0.4528	2.4388	0.8899	0.7055
0.5469	0.9928	0.4337	2.5388	0.9066	0.7366
0.6085	0.9941	0.4173	2.6291	0.9208	0.7657
0.6740	0.9951	0.4017	2.7180	0.9340	0.7954
0.7284	0.9960	0.3888	2.7944	0.9447	0.8218
0.7980	0.9969	0.3754	2.8771	0.9558	0.8511
0.8620	0.9979	0.3625	2.9604	0.9663	0.8816
0.9149	0.9985	0.3527	3.0259	0.9742	0.9061
0.9849	0.9992	0.3412	3.1049	0.9833	0.9365
1.0513	0.9997	0.3327	3.1664	0.9901	0.9606
1.1158	1.0001	0.3271	3.2074	0.9945	0.9770
1.1614	0.9999	0.3247	3.2244	0.9963	0.9838
1.2376	1.0004	0.3229	3.2392	0.9978	0.9898
1.2989	1.0004	0.3219	3.2464	0.9986	0.9928
1.4200	1.0005	0.3207	3.2556	0.9995	0.9965

DEL = 0.3412 DELL= .0486 DEL*= .1283 CM
THETA= .02183 H = 5.878 UE = 652.9 M/SEC
RHOE= 0.1983 KG/M**3 RUN = 4135

MACH = 3.00 PO = 297.9 KPA TO = 312.2 K
ALPHA= 4.20 Z/D= 3.33 PHI= 170.
RPM= 20000. PW = 5.66 KPA REL=7123122.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3474
0.0524	0.9665	0.7375	1.2462	0.5801	0.4325
0.0752	0.9729	0.6791	1.4707	0.6569	0.4698
0.0999	0.9762	0.6443	1.6049	0.6982	0.4953
0.1246	0.9792	0.6125	1.7302	0.7339	0.5210
0.1672	0.9820	0.5758	1.8780	0.7725	0.5540
0.1939	0.9835	0.5573	1.9553	0.7913	0.5723
0.2566	0.9857	0.5289	2.0780	0.8192	0.6021
0.3125	0.9874	0.5113	2.1578	0.8362	0.6241
0.3687	0.9886	0.4922	2.2457	0.8539	0.6482
0.4308	0.9903	0.4723	2.3418	0.8722	0.6757
0.4915	0.9915	0.4546	2.4300	0.8880	0.7019
0.5545	0.9927	0.4352	2.5309	0.9049	0.7331
0.6170	0.9937	0.4178	2.6254	0.9198	0.7636
0.6796	0.9950	0.4030	2.7102	0.9325	0.7918
0.7347	0.9956	0.3891	2.7915	0.9439	0.8197
0.7976	0.9967	0.3753	2.8775	0.9554	0.8502
0.8759	0.9978	0.3598	2.9777	0.9680	0.8869
0.9353	0.9985	0.3486	3.0533	0.9770	0.9154
1.0025	0.9990	0.3381	3.1262	0.9853	0.9436
1.0659	0.9997	0.3307	3.1802	0.9912	0.9649
1.1293	0.9999	0.3260	3.2150	0.9949	0.9788
1.1852	1.0003	0.3237	3.2327	0.9967	0.9860
1.2567	1.0004	0.3221	3.2448	0.9980	0.9909
1.3188	1.0002	0.3213	3.2501	0.9985	0.9930
1.4455	1.0003	0.3202	3.2591	0.9994	0.9967

DEL = 0.3366 DELL= .0504 DEL*= .1289 CM
THETA= .02144 H = 6.014 UE = 653.4 M/SEC
RHOE= 0.1984 KG/M**3 RUN = 4136

MACH = 3.00 PO = 298.8 KPA TO = 307.3 K
ALPHA= 4.20 Z/D= 3.33 PHI= 180.
RPM= 0. PW = 5.68 KPA REL=7295699.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9181	0.9181	0.0000	0.0000	0.3456
0.0205	0.9575	0.7999	0.9927	0.4804	0.3966
0.0305	0.9603	0.7783	1.0815	0.5163	0.4075
0.0498	0.9671	0.7245	1.2940	0.5960	0.4379
0.0772	0.9736	0.6642	1.5260	0.6730	0.4776
0.1290	0.9802	0.5905	1.8164	0.7554	0.5371
0.1812	0.9834	0.5491	1.9888	0.7976	0.5776
0.2420	0.9851	0.5228	2.1026	0.8229	0.6064
0.2967	0.9870	0.5049	2.1852	0.8402	0.6283
0.3450	0.9881	0.4905	2.2523	0.8536	0.6467
0.4087	0.9894	0.4694	2.3535	0.8726	0.6756
0.4560	0.9905	0.4538	2.4317	0.8865	0.6968
0.5172	0.9920	0.4326	2.5426	0.9051	0.7331
0.5772	0.9933	0.4154	2.6377	0.9199	0.7637
0.6332	0.9940	0.3995	2.7276	0.9331	0.7936
0.6894	0.9952	0.3866	2.8059	0.9441	0.8206
0.7474	0.9959	0.3742	2.8819	0.9541	0.8475
0.8055	0.9969	0.3633	2.9531	0.9631	0.8733
0.8620	0.9972	0.3538	3.0150	0.9706	0.8963
0.9239	0.9977	0.3449	3.0761	0.9777	0.9194
0.9789	0.9982	0.3381	3.1246	0.9832	0.9382
1.0429	0.9984	0.3315	3.1716	0.9883	0.9566
1.1033	0.9987	0.3262	3.2108	0.9925	0.9721
1.1389	0.9990	0.3243	3.2252	0.9940	0.9779
1.2175	0.9994	0.3211	3.2498	0.9966	0.9878
1.2748	0.9995	0.3195	3.2589	0.9975	0.9915
1.3432	0.9995	0.3191	3.2648	0.9981	0.9939
1.3937	0.9993	0.3187	3.2678	0.9984	0.9951
1.4607	0.9994	0.3181	3.2721	0.9988	0.9965
1.5170	0.9994	0.3176	3.2765	0.9993	0.9987

DEL = 0.3641 DELL= .0496 DEL*= .1323 CM
THETA= .02255 H = 5.866 UE = 649.3 M/SEC
RHOE= 0.2021 KG/M**3 RUN = 3012

MACH = 3.00 PO = 298.7 KPA TO = 307.3 K
ALPHA= 4.20 Z/D= 3.33 PHI= 180.
RPM= 20000. PW = 5.68 KPA REL=7299653.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9181	0.9181	0.0000	0.0000	0.3454
0.0568	0.9683	0.7198	1.3137	0.6032	0.4406
0.0682	0.9712	0.6919	1.4208	0.6396	0.4584
0.0895	0.9748	0.6532	1.5690	0.6863	0.4854
0.1091	0.9776	0.6270	1.6722	0.7165	0.5059
0.1304	0.9794	0.6048	1.7596	0.7406	0.5243
0.1584	0.9821	0.5749	1.8817	0.7721	0.5517
0.1881	0.9836	0.5556	1.9629	0.7917	0.5709
0.2113	0.9845	0.5428	2.0172	0.8043	0.5843
0.2312	0.9853	0.5345	2.0537	0.8125	0.5935
0.2629	0.9862	0.5225	2.1067	0.8240	0.6071
0.2931	0.9868	0.5124	2.1514	0.8335	0.6189
0.3283	0.9879	0.5009	2.2046	0.8443	0.6332
0.3520	0.9881	0.4924	2.2436	0.8521	0.6440
0.4113	0.9898	0.4725	2.3397	0.8704	0.6712
0.4659	0.9909	0.4533	2.4351	0.8874	0.6995
0.5244	0.9924	0.4354	2.5291	0.9031	0.7284
0.5815	0.9936	0.4203	2.6115	0.9162	0.7547
0.6381	0.9944	0.4045	2.7003	0.9294	0.7840
0.6966	0.9953	0.3909	2.7803	0.9408	0.8112
0.7570	0.9960	0.3782	2.8579	0.9512	0.8384
0.8139	0.9969	0.3661	2.9353	0.9612	0.8663
0.8782	0.9978	0.3548	3.0106	0.9703	0.8941
0.9336	0.9983	0.3447	3.0789	0.9783	0.9200
0.9946	0.9986	0.3369	3.1338	0.9845	0.9412
1.0485	0.9990	0.3305	3.1803	0.9895	0.9594
1.1149	0.9995	0.3255	3.2179	0.9935	0.9744
1.1779	0.9995	0.3225	3.2395	0.9957	0.9831
1.2284	0.9998	0.3212	3.2500	0.9968	0.9873
1.2919	0.9996	0.3200	3.2586	0.9977	0.9908
1.3518	0.9997	0.3192	3.2650	0.9984	0.9934
1.4138	0.9997	0.3187	3.2688	0.9988	0.9950
1.4724	0.9998	0.3181	3.2731	0.9992	0.9967
1.5329	1.0000	0.3175	3.2781	0.9997	0.9987

DEL = 0.3603 DELL= .0527 DEL*= .1354 CM
THETA= .02240 H = 6.045 UE = 649.2 M/SEC
RHOE= 0.2023 KG/M**3 RUN = 3013

MACH = 3.00 PO = 297.9 KPA TO = 313.1 K
ALPHA= 4.20 Z/D= 3.33 PHI= 190.
RPM= 0. PW = 5.66 KPA REL=7097884.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3477
0.0233	0.9578	0.8025	0.9837	0.4779	0.3979
0.0483	0.9652	0.7465	1.2104	0.5671	0.4278
0.0663	0.9704	0.7018	1.3836	0.6286	0.4550
0.0969	0.9756	0.6495	1.5843	0.6925	0.4916
0.1223	0.9785	0.6190	1.7043	0.7271	0.5159
0.1567	0.9813	0.5891	1.8246	0.7593	0.5422
0.1877	0.9833	0.5617	1.9372	0.7873	0.5685
0.2224	0.9852	0.5401	2.0300	0.8089	0.5914
0.2794	0.9866	0.5254	2.0947	0.8233	0.6080
0.3460	0.9878	0.5057	2.1832	0.8419	0.6316
0.4030	0.9894	0.4847	2.2818	0.8614	0.6590
0.4713	0.9911	0.4613	2.3961	0.8825	0.6923
0.5261	0.9920	0.4456	2.4759	0.8963	0.7166
0.5908	0.9933	0.4271	2.5745	0.9124	0.7477
0.6509	0.9943	0.4118	2.6596	0.9255	0.7755
0.7152	0.9955	0.3963	2.7496	0.9386	0.8060
0.7914	0.9968	0.3772	2.8660	0.9544	0.8469
0.8501	0.9975	0.3686	2.9209	0.9615	0.8668
0.9149	0.9985	0.3531	3.0227	0.9739	0.9046
0.9758	0.9994	0.3418	3.1016	0.9830	0.9349
1.0448	0.9996	0.3354	3.1467	0.9880	0.9525
1.1080	0.9999	0.3299	3.1870	0.9924	0.9685
1.1692	1.0004	0.3255	3.2198	0.9959	0.9817
1.2365	1.0005	0.3226	3.2416	0.9981	0.9905
1.2901	1.0004	0.3212	3.2514	0.9992	0.9945
1.3677	1.0005	0.3206	3.2561	0.9996	0.9964
1.4417	1.0007	0.3200	3.2611	1.0002	0.9985

DEL = 0.3276 DELL= .0480 DEL*= .1259 CM
THETA= .02134 H = 5.900 UE = 654.0 M/SEC
RHOE= 0.1980 KG/M**3 RUN = 4153

MACH = 3.00 PO = 297.8 KPA TO = 313.7 K
ALPHA= 4.20 Z/D= 3.33 PHI= 190.
RPM= 20000. PW = 5.66 KPA REL=7080957.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3479
0.0666	0.9696	0.7121	1.3445	0.6155	0.4487
0.0859	0.9738	0.6687	1.5104	0.6701	0.4777
0.0982	0.9751	0.6574	1.5545	0.6837	0.4860
0.1230	0.9783	0.6241	1.6843	0.7218	0.5120
0.1496	0.9804	0.5971	1.7916	0.7510	0.5351
0.1852	0.9829	0.5676	1.9126	0.7817	0.5629
0.2135	0.9846	0.5511	1.9832	0.7985	0.5800
0.2712	0.9862	0.5284	2.0813	0.8206	0.6048
0.3435	0.9877	0.5056	2.1835	0.8423	0.6319
0.3909	0.9893	0.4886	2.2635	0.8582	0.6541
0.4569	0.9908	0.4683	2.3617	0.8766	0.6824
0.5159	0.9922	0.4489	2.4599	0.8939	0.7120
0.5735	0.9934	0.4310	2.5542	0.9095	0.7416
0.6455	0.9945	0.4125	2.6560	0.9253	0.7747
0.6998	0.9959	0.3985	2.7381	0.9373	0.8024
0.7599	0.9966	0.3848	2.8196	0.9486	0.8308
0.8192	0.9977	0.3719	2.9007	0.9592	0.8598
0.8844	0.9988	0.3594	2.9827	0.9695	0.8900
0.9670	0.9997	0.3450	3.0802	0.9810	0.9270
1.0229	1.0002	0.3366	3.1399	0.9877	0.9503
1.0808	1.0004	0.3306	3.1829	0.9923	0.9673
1.1541	1.0007	0.3252	3.2225	0.9965	0.9832
1.2063	1.0010	0.3234	3.2369	0.9980	0.9890
1.2761	1.0009	0.3219	3.2477	0.9991	0.9935
1.3482	1.0014	0.3213	3.2528	0.9997	0.9955
1.4146	1.0010	0.3206	3.2575	1.0001	0.9974

DEL = 0.3352 DELL= .0516 DEL*= .1298 CM
THETA= .02131 H = 6.094 UE = 654.4 M/SEC
RHOE= 0.1976 KG/M**3 RUN = 4154

MACH = 3.00 PO = 298.4 KPA TO = 306.7 K
ALPHA= 4.20 Z/D= 3.33 PHI= 210.
RPM= 0. PW = 5.64 KPA REL=7323025.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9182	0.9182	0.0000	0.0000	0.3468
0.0206	0.9392	0.7918	1.0282	0.4960	0.4021
0.0409	0.9646	0.7499	1.1963	0.5616	0.4246
0.0673	0.9719	0.6869	1.4402	0.6471	0.4635
0.1013	0.9765	0.6370	1.6324	0.7064	0.4997
0.1241	0.9791	0.6075	1.7489	0.7390	0.5240
0.1717	0.9818	0.5708	1.8973	0.7773	0.5575
0.2042	0.9836	0.5484	1.9921	0.8000	0.5803
0.2483	0.9854	0.5289	2.0772	0.8191	0.6018
0.3101	0.9866	0.5100	2.1615	0.8371	0.6239
0.3821	0.9880	0.4906	2.2517	0.8552	0.6487
0.4409	0.9891	0.4732	2.3348	0.8710	0.6724
0.4882	0.9897	0.4568	2.4152	0.8855	0.6961
0.5277	0.9910	0.4448	2.4780	0.8963	0.7153
0.5814	0.9914	0.4299	2.5556	0.9090	0.7396
0.6294	0.9922	0.4167	2.6275	0.9203	0.7628
0.6736	0.9932	0.4037	2.7023	0.9314	0.7876
0.7185	0.9934	0.3925	2.7669	0.9406	0.8097
0.7616	0.9942	0.3828	2.8260	0.9488	0.8303
0.8028	0.9947	0.3732	2.8854	0.9566	0.8514
0.8605	0.9958	0.3621	2.9577	0.9657	0.8778
0.9059	0.9967	0.3535	3.0164	0.9728	0.8997
0.9597	0.9970	0.3442	3.0794	0.9802	0.9237
1.0343	0.9983	0.3335	3.1568	0.9888	0.9538
1.1091	0.9988	0.3271	3.2043	0.9939	0.9727
1.1674	0.9990	0.3239	3.2284	0.9964	0.9824
1.2383	0.9997	0.3221	3.2429	0.9979	0.9882
1.3092	0.9999	0.3213	3.2493	0.9986	0.9908
1.3844	1.0001	0.3205	3.2559	0.9992	0.9935
1.4474	1.0003	0.3201	3.2598	0.9996	0.9951
1.5232	1.0007	0.3197	3.2635	1.0000	0.9967
1.5780	1.0011	0.3195	3.2657	1.0002	0.9976

DEL = 0.3103 DELL= .0445 DEL*= .1186 CM
THETA= .02013 H = 5.891 UE = 647.5 M/SEC
RHOE= 0.2021 KG/M**3 RUN = 3039

MACH = 3.00 PO = 298.1 KPA TO = 306.1 K
ALPHA= 4.20 Z/D= 3.33 PHI= 210.
RPM= 20000. PW = 5.64 KPA REL=7317057.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9182	0.9182	0.0000	0.0000	0.3466
0.0609	0.9695	0.7072	1.3619	0.6197	0.4500
0.0808	0.9737	0.6657	1.5210	0.6715	0.4781
0.1080	0.9764	0.6365	1.6341	0.7055	0.5000
0.1462	0.9797	0.5971	1.7901	0.7485	0.5329
0.1718	0.9820	0.5722	1.8922	0.7745	0.5562
0.2104	0.9837	0.5485	1.9915	0.7982	0.5800
0.2528	0.9852	0.5271	2.0847	0.8191	0.6036
0.3121	0.9869	0.5091	2.1662	0.8364	0.6251
0.3681	0.9878	0.4914	2.2473	0.8526	0.6473
0.4226	0.9892	0.4731	2.3354	0.8694	0.6724
0.4755	0.9904	0.4563	2.4190	0.8844	0.6971
0.5191	0.9913	0.4427	2.4892	0.8964	0.7186
0.5630	0.9923	0.4284	2.5652	0.9087	0.7425
0.6090	0.9932	0.4154	2.6369	0.9199	0.7657
0.6553	0.9934	0.4034	2.7040	0.9298	0.7881
0.6965	0.9943	0.3935	2.7631	0.9382	0.8082
0.7497	0.9953	0.3807	2.8409	0.9488	0.8354
0.7971	0.9956	0.3705	2.9044	0.9571	0.8581
0.8465	0.9964	0.3612	2.9654	0.9647	0.8805
0.8940	0.9969	0.3525	3.0233	0.9717	0.9021
0.9397	0.9972	0.3442	3.0803	0.9783	0.9238
0.9933	0.9975	0.3365	3.1339	0.9843	0.9446
1.0530	0.9982	0.3287	3.1910	0.9905	0.9672
1.1209	0.9985	0.3238	3.2279	0.9943	0.9820
1.1869	0.9985	0.3215	3.2447	0.9961	0.9887
1.2468	0.9985	0.3204	3.2531	0.9970	0.9922
1.3229	0.9986	0.3195	3.2601	0.9977	0.9950
1.3832	0.9983	0.3189	3.2638	0.9980	0.9965
1.4558	0.9985	0.3183	3.2685	0.9985	0.9984
1.5186	0.9985	0.3180	3.2708	0.9988	0.9994

DEL = 0.3237 DELL= .0485 DEL*= .1229 CM
THETA= .02046 H = 6.006 UE = 648.1 M/SEC
RHOE= 0.2018 KG/M**3 RUN = 3040

MACH = 3.00 PO = 298.2 KPA TO = 308.1 K
ALPHA= 4.20 Z/D= 3.33 PHI= 240.
RPM= 0. PW = 5.68 KPA REL=7250751.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9178	0.9178	0.0000	0.0000	0.3433
0.0321	0.9594	0.7835	1.0593	0.5065	0.4019
0.0459	0.9626	0.7584	1.1604	0.5458	0.4152
0.0551	0.9665	0.7232	1.2971	0.5959	0.4353
0.0736	0.9715	0.6851	1.4459	0.6463	0.4598
0.0921	0.9745	0.6501	1.5795	0.6879	0.4843
0.1107	0.9766	0.6281	1.6655	0.7130	0.5013
0.1269	0.9783	0.6113	1.7324	0.7316	0.5152
0.1458	0.9806	0.5900	1.8197	0.7547	0.5341
0.1647	0.9816	0.5716	1.8936	0.7733	0.5509
0.1837	0.9832	0.5538	1.9690	0.7913	0.5688
0.2004	0.9846	0.5367	2.0428	0.8082	0.5865
0.2314	0.9862	0.5180	2.1260	0.8263	0.6082
0.2648	0.9868	0.5020	2.1974	0.8410	0.6272
0.2648	0.9867	0.5038	2.1891	0.8393	0.6250
0.2888	0.9879	0.4910	2.2493	0.8513	0.6414
0.3273	0.9892	0.4792	2.3116	0.8632	0.6585
0.3707	0.9896	0.4673	2.3641	0.8728	0.6740
0.4119	0.9903	0.4544	2.4281	0.8841	0.6929
0.4507	0.9914	0.4445	2.4804	0.8930	0.7087
0.4995	0.9918	0.4350	2.5301	0.9012	0.7241
0.5387	0.9919	0.4252	2.5816	0.9094	0.7403
0.5854	0.9933	0.4133	2.6487	0.9197	0.7619
0.6273	0.9935	0.4025	2.7095	0.9287	0.7820
0.6793	0.9944	0.3912	2.7768	0.9382	0.8048
0.7191	0.9954	0.3821	2.8328	0.9458	0.8242
0.7615	0.9959	0.3736	2.8862	0.9528	0.8430
0.8065	0.9961	0.3650	2.9401	0.9596	0.8625
0.8392	0.9966	0.3572	2.9916	0.9659	0.8813
0.8820	0.9968	0.3490	3.0464	0.9724	0.9018
0.9427	0.9986	0.3401	3.1118	0.9798	0.9266
1.0356	0.9978	0.3294	3.1849	0.9878	0.9551
1.1285	0.9992	0.3250	3.2210	0.9916	0.9693
1.2145	0.9993	0.3223	3.2408	0.9936	0.9773
1.2952	0.9989	0.3210	3.2491	0.9945	0.9806
1.3839	0.9993	0.3204	3.2549	0.9951	0.9829
1.4623	0.9986	0.3196	3.2594	0.9955	0.9848

DEL = 0.2466 DELL= .0343 DEL*= .0902 CM
THETA= .01510 H = 5.970 UE = 651.3 M/SEC
RHOE= 0.2039 KG/M**3 RUN = 3048

MACH = 3.00 PO = 298.1 KPA TO = 308.0 K
ALPHA= 4.20 Z/D= 3.33 PHI= 240.
RPM= 20000. PW = 5.68 KPA REL=7260815.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9182	0.9182	0.0000	0.0000	0.3467
0.0762	0.9717	0.6887	1.4233	0.6445	0.4623
0.1018	0.9754	0.6550	1.5639	0.6856	0.4863
0.1181	0.9766	0.6372	1.6314	0.7057	0.4995
0.1275	0.9780	0.6217	1.6930	0.7232	0.5121
0.1535	0.9805	0.5958	1.7966	0.7513	0.5344
0.1702	0.9819	0.5767	1.8743	0.7712	0.5521
0.1893	0.9832	0.5579	1.9525	0.7902	0.5706
0.2180	0.9850	0.5372	2.0417	0.8108	0.5927
0.2395	0.9862	0.5223	2.1075	0.8252	0.6096
0.2756	0.9871	0.5073	2.1745	0.8393	0.6274
0.3045	0.9884	0.4946	2.2342	0.8513	0.6438
0.3504	0.9892	0.4811	2.2979	0.8636	0.6617
0.3990	0.9901	0.4693	2.3554	0.8743	0.6784
0.4307	0.9906	0.4589	2.4068	0.8835	0.6936
0.4624	0.9916	0.4498	2.4540	0.8917	0.7079
0.5041	0.9918	0.4396	2.5059	0.9004	0.7239
0.5360	0.9931	0.4291	2.5633	0.9097	0.7420
0.5730	0.9933	0.4198	2.6133	0.9176	0.7582
0.6126	0.9941	0.4106	2.6655	0.9255	0.7753
0.6374	0.9946	0.4030	2.7094	0.9319	0.7900
0.6921	0.9955	0.3927	2.7704	0.9406	0.8109
0.7221	0.9958	0.3848	2.8176	0.9470	0.8273
0.7672	0.9960	0.3765	2.8684	0.9538	0.8453
0.8074	0.9967	0.3685	2.9196	0.9604	0.8638
0.8478	0.9969	0.3591	2.9804	0.9679	0.8862
0.8908	0.9977	0.3530	3.0219	0.9729	0.9017
0.9365	0.9985	0.3464	3.0679	0.9782	0.9192
0.9881	0.9985	0.3392	3.1172	0.9838	0.9382
1.0400	0.9991	0.3332	3.1609	0.9886	0.9554
1.1232	0.9997	0.3267	3.2095	0.9938	0.9748
1.2092	0.9999	0.3228	3.2387	0.9969	0.9865
1.3085	1.0000	0.3210	3.2525	0.9983	0.9921
1.3871	0.9997	0.3200	3.2593	0.9990	0.9949
1.4737	0.9998	0.3194	3.2639	0.9995	0.9968
1.5526	1.0003	0.3192	3.2666	0.9997	0.9978

DEL = 0.2455 DELL= .0363 DEL*= .0911 CM
THETA= .01485 H = 6.137 UE = 649.2 M/SEC
RHOE= 0.2014 KG/M**3 RUN = 3049

MACH = 3.00 PO = 298.4 KPA TO = 305.7 K
ALPHA= 4.20 Z/D= 3.33 PHI= 270.
RPM= 0. PW = 6.10 KPA REL=7367221.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9191	0.9191	0.0000	0.0000	0.3546
0.0359	0.9633	0.7652	1.1376	0.5428	0.4259
0.0497	0.9659	0.7484	1.2056	0.5688	0.4355
0.0774	0.9709	0.7032	1.3796	0.6309	0.4635
0.1079	0.9754	0.6581	1.5524	0.6869	0.4953
0.1358	0.9787	0.6235	1.6878	0.7268	0.5229
0.1694	0.9816	0.5899	1.8221	0.7632	0.5526
0.1948	0.9836	0.5651	1.9245	0.7889	0.5769
0.2319	0.9861	0.5336	2.0589	0.8202	0.6109
0.2634	0.9880	0.5090	2.1692	0.8439	0.6405
0.3094	0.9898	0.4864	2.2747	0.8651	0.6703
0.3497	0.9907	0.4769	2.3211	0.8739	0.6839
0.4366	0.9920	0.4559	2.4246	0.8927	0.7152
0.5182	0.9936	0.4345	2.5368	0.9117	0.7507
0.5885	0.9945	0.4185	2.6234	0.9254	0.7792
0.6238	0.9951	0.4127	2.6562	0.9304	0.7902
0.7006	0.9962	0.4023	2.7167	0.9393	0.8109
0.7480	0.9976	0.3830	2.8327	0.9555	0.8520
0.8284	0.9982	0.3726	2.8972	0.9640	0.8756
0.8583	0.9989	0.3658	2.9420	0.9697	0.8923
0.9183	0.9995	0.3559	3.0072	0.9777	0.9171
0.9575	0.9999	0.3528	3.0286	0.9803	0.9254
1.0027	1.0003	0.3461	3.0740	0.9856	0.9431
1.0633	1.0008	0.3382	3.1300	0.9920	0.9653
1.1731	1.0011	0.3364	3.1435	0.9934	0.9707
1.2821	1.0012	0.3285	3.1996	0.9995	0.9934
1.3789	1.0014	0.3278	3.2058	1.0002	0.9959
1.4852	1.0016	0.3275	3.2078	1.0004	0.9968
1.5793	1.0018	0.3273	3.2096	1.0006	0.9975
1.6987	1.0016	0.3271	3.2109	1.0007	0.9981

DEL = 0.2046 DELU= .0286 DEL*= .0735 CM
THETA= .01255 H = 5.854 UE = 642.5 M/SEC
RHOE= 0.2132 KG/M**3 RUN = 3060

MACH = 3.00 PO = 298.3 KPA TO = 306.2 K
ALPHA= 4.20 Z/D= 3.33 PHI= 270.
RPM= 2000. PW = 6.10 KPA REL=7340577.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9191	0.9191	0.0000	0.0000	0.3545
0.0940	0.9734	0.6781	1.4757	0.6624	0.4805
0.1162	0.9771	0.6416	1.6168	0.7059	0.5079
0.1329	0.9793	0.6166	1.7150	0.7340	0.5285
0.1636	0.9819	0.5879	1.8306	0.7650	0.5544
0.1917	0.9836	0.5649	1.9249	0.7886	0.5769
0.2231	0.9849	0.5461	2.0042	0.8074	0.5966
0.2517	0.9874	0.5235	2.1050	0.8299	0.6229
0.3034	0.9887	0.4990	2.2150	0.8529	0.6521
0.3696	0.9906	0.4748	2.3306	0.8752	0.6865
0.4246	0.9917	0.4596	2.4058	0.8889	0.7092
0.4828	0.9926	0.4462	2.4746	0.9009	0.7306
0.5411	0.9937	0.4329	2.5448	0.9125	0.7530
0.5968	0.9948	0.4193	2.6198	0.9244	0.7777
0.6468	0.9955	0.4083	2.6816	0.9337	0.7986
0.7059	0.9966	0.3951	2.7591	0.9449	0.8255
0.7682	0.9970	0.3828	2.8322	0.9550	0.8516
0.8158	0.9978	0.3734	2.8918	0.9629	0.8733
0.8756	0.9985	0.3626	2.9613	0.9716	0.8993
0.9386	0.9992	0.3540	3.0190	0.9787	0.9213
1.0019	0.9997	0.3458	3.0747	0.9852	0.9430
1.0594	1.0002	0.3388	3.1240	0.9908	0.9626
1.1752	1.0006	0.3322	3.1716	0.9960	0.9817
1.2717	1.0007	0.3292	3.1935	0.9984	0.9906
1.3808	1.0010	0.3279	3.2041	0.9995	0.9949
1.4809	1.0009	0.3274	3.2069	0.9998	0.9961
1.5780	1.0007	0.3271	3.2087	1.0000	0.9968
1.6847	1.0011	0.3269	3.2114	1.0003	0.9979

DEL = 0.2048 DELU= .0308 DEL*= .0748 CM
THETA= .01226 H = 6.103 UE = 643.4 M/SEC
RHOE= 0.2127 KG/M**3 RUN = 3061

MACH = 3.00 PO = 298.5 KPA TO = 306.8 K
ALPHA= 4.20 Z/D= 3.33 PHI= 300.
RPM= 0. PW = 6.79 KPA REL=7312017.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3640
0.0443	0.9650	0.7609	1.1583	0.5543	0.4402
0.0790	0.9676	0.7403	1.2390	0.5848	0.4525
0.1138	0.9731	0.6874	1.4415	0.6556	0.4872
0.1520	0.9776	0.6430	1.6130	0.7095	0.5210
0.1743	0.9790	0.6230	1.6903	0.7319	0.5376
0.1998	0.9811	0.6033	1.7697	0.7539	0.5554
0.2191	0.9823	0.5871	1.8347	0.7711	0.5706
0.2513	0.9847	0.5502	1.9871	0.8087	0.6085
0.2742	0.9866	0.5357	2.0513	0.8235	0.6254
0.3069	0.9881	0.5146	2.1449	0.8440	0.6511
0.3266	0.9894	0.5003	2.2108	0.8576	0.6698
0.3627	0.9905	0.4813	2.3001	0.8752	0.6941
0.4188	0.9914	0.4695	2.3576	0.8861	0.7136
0.4651	0.9930	0.4521	2.4460	0.9019	0.7414
0.5181	0.9930	0.4429	2.4923	0.9098	0.7564
0.5847	0.9943	0.4295	2.5643	0.9217	0.7802
0.6349	0.9948	0.4196	2.6179	0.9302	0.7984
0.6885	0.9952	0.4109	2.6663	0.9376	0.8152
0.7221	0.9957	0.4068	2.6904	0.9412	0.8237
0.7457	0.9959	0.4035	2.7093	0.9440	0.8304
0.7794	0.9962	0.3988	2.7365	0.9479	0.8401
0.8099	0.9966	0.3949	2.7604	0.9513	0.8487
0.8607	0.9972	0.3806	2.8458	0.9631	0.8800
0.9219	0.9979	0.3726	2.8967	0.9698	0.8992
0.9663	0.9990	0.3579	2.9925	0.9819	0.9363
1.0554	0.9992	0.3492	3.0509	0.9889	0.9594
1.1424	0.9999	0.3403	3.1129	0.9961	0.9845
1.2662	1.0000	0.3378	3.1306	0.9981	0.9918
1.3853	1.0001	0.3364	3.1408	0.9992	0.9960
1.4815	1.0003	0.3365	3.1408	0.9992	0.9960
1.6172	1.0003	0.3361	3.1437	0.9995	0.9971
1.7426	1.0001	0.3358	3.1453	0.9997	0.9978
1.8610	1.0000	0.3356	3.1459	0.9998	0.9981
1.9726	1.0002	0.3356	3.1469	0.9999	0.9985
2.0951	1.0004	0.3354	3.1485	1.0000	0.9991

DEL = 0.1788 DELL= .0274 DEL*= .0665 CM
THETA= .01158 H = 5.744 UE = 640.0 M/SEC
RHOE= 0.2288 KG/M**3 RUN = 3022

MACH = 3.00 PO = 298.5 KPA TO = 306.8 K
ALPHA= 4.20 Z/D= 3.33 PHI= 300.
RPM= 20000. PW = 6.79 KPA REL=7302630.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3642
0.1346	0.9757	0.6644	1.5306	0.6843	0.5046
0.1470	0.9774	0.6435	1.6106	0.7088	0.5208
0.1685	0.9791	0.6251	1.6828	0.7298	0.5362
0.2026	0.9817	0.5920	1.8142	0.7658	0.5661
0.2222	0.9833	0.5743	1.8870	0.7845	0.5836
0.2557	0.9859	0.5440	2.0152	0.8153	0.6162
0.2683	0.9866	0.5346	2.0561	0.8246	0.6271
0.2968	0.9884	0.5114	2.1594	0.8470	0.6555
0.3254	0.9892	0.4972	2.2243	0.8604	0.6741
0.3381	0.9901	0.4900	2.2590	0.8673	0.6843
0.4018	0.9913	0.4660	2.3738	0.8890	0.7191
0.4466	0.9921	0.4567	2.4209	0.8975	0.7339
0.5107	0.9932	0.4462	2.4760	0.9071	0.7515
0.5687	0.9939	0.4326	2.5470	0.9189	0.7749
0.6140	0.9945	0.4239	2.5942	0.9265	0.7908
0.6658	0.9953	0.4119	2.6613	0.9368	0.8139
0.7473	0.9962	0.3959	2.7531	0.9503	0.8465
0.8324	0.9976	0.3791	2.8560	0.9645	0.8844
0.9147	0.9984	0.3665	2.9361	0.9749	0.9149
0.9974	0.9990	0.3543	3.0162	0.9848	0.9461
1.1106	0.9994	0.3445	3.0832	0.9927	0.9730
1.2246	0.9998	0.3391	3.1213	0.9970	0.9885
1.3431	0.9997	0.3369	3.1363	0.9987	0.9947
1.4431	1.0000	0.3362	3.1421	0.9994	0.9970
1.5640	1.0003	0.3360	3.1440	0.9996	0.9979
1.6782	1.0005	0.3360	3.1446	0.9996	0.9981
1.7963	1.0005	0.3359	3.1452	0.9997	0.9984
1.9181	1.0001	0.3356	3.1465	0.9998	0.9989
2.0123	1.0002	0.3355	3.1472	0.9999	0.9992

DEL = 0.1849 DELL= .0306 DEL*= .0685 CM
THETA= .01115 H = 6.147 UE = 640.1 M/SEC
RHOE= 0.2285 KG/M**3 RUN = 3023

MACH = 3.00 PO = 298.4 KPA TO = 306.7 K
ALPHA= 4.20 Z/D= 3.33 PHI= 330.
RPM= 0. PW = 7.40 KPA REL=7299262.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9216	0.9216	0.0000	0.0000	0.3759
0.0452	0.9692	0.7389	1.2484	0.5933	0.4690
0.0665	0.9708	0.7185	1.3250	0.6211	0.4820
0.0970	0.9748	0.6812	1.4679	0.6699	0.5085
0.1123	0.9769	0.6566	1.5619	0.6998	0.5275
0.1307	0.9789	0.6342	1.6486	0.7260	0.5461
0.1522	0.9810	0.6127	1.7337	0.7504	0.5654
0.1645	0.9825	0.5948	1.8052	0.7698	0.5823
0.2263	0.9844	0.5764	1.8811	0.7895	0.6011
0.2170	0.9857	0.5567	1.9630	0.8098	0.6223
0.2978	0.9877	0.5289	2.0826	0.8374	0.6549
0.3165	0.9894	0.5110	2.1635	0.8550	0.6781
0.3384	0.9901	0.4986	2.2201	0.8667	0.6949
0.3761	0.9915	0.4837	2.2910	0.8808	0.7165
0.4108	0.9919	0.4749	2.3332	0.8889	0.7297
0.4558	0.9928	0.4624	2.3948	0.9003	0.7494
0.5170	0.9933	0.4501	2.4566	0.9113	0.7696
0.5752	0.9942	0.4388	2.5158	0.9214	0.7895
0.6173	0.9951	0.4287	2.5703	0.9303	0.8083
0.6629	0.9955	0.4193	2.6213	0.9384	0.8262
0.6988	0.9955	0.4110	2.6668	0.9455	0.8425
0.7544	0.9967	0.4012	2.7244	0.9540	0.8635
0.8234	0.9973	0.3923	2.7767	0.9616	0.8831
0.8663	0.9978	0.3844	2.8247	0.9682	0.9013
0.9059	0.9981	0.3770	2.8703	0.9744	0.9189
0.9789	0.9991	0.3667	2.9365	0.9830	0.9449
1.0522	0.9997	0.3591	2.9866	0.9893	0.9651
1.1629	1.0002	0.3520	3.0341	0.9951	0.9849
1.2708	1.0004	0.3485	3.0585	0.9980	0.9946
1.3932	1.0001	0.3469	3.0684	0.9992	0.9987
1.5201	1.0007	0.3467	3.0714	0.9995	0.9999
1.6286	1.0001	0.3462	3.0735	0.9998	1.0008
1.7332	1.0002	0.3462	3.0729	0.9997	1.0006
1.8532	0.9994	0.3459	3.0738	0.9998	1.0009

CEL = 0.1821 DELU= .0257 DEL*= .0620 CM
THETA= .01159 H = 5.435 UE = 635.0 M/SEC
RHOE= 0.2443 KG/M**3 RUN = 3035

MACH = 3.00 PO = 298.5 KPA TO = 306.2 K
ALPHA= 4.20 Z/D= 3.33 PHI= 330.
RPM= 20000. PW = 7.40 KPA REL=7308580.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3756
0.1034	0.9764	0.6614	1.5431	0.6933	0.5232
0.1372	0.9801	0.6242	1.6885	0.7368	0.5546
0.1618	0.9818	0.6021	1.7758	0.7611	0.5748
0.1958	0.9842	0.5768	1.8792	0.7882	0.6002
0.2361	0.9848	0.5670	1.9197	0.7983	0.6106
0.2641	0.9858	0.5520	1.9824	0.8135	0.6270
0.3078	0.9880	0.5227	2.1097	0.8425	0.6621
0.3298	0.9893	0.5053	2.1884	0.8593	0.6849
0.3612	0.9901	0.4918	2.2506	0.8719	0.7036
0.4150	0.9915	0.4723	2.3446	0.8901	0.7327
0.4794	0.9924	0.4562	2.4240	0.9046	0.7583
0.5537	0.9932	0.4446	2.4841	0.9150	0.7783
0.6025	0.9941	0.4341	2.5396	0.9243	0.7971
0.6513	0.9944	0.4238	2.5945	0.9332	0.8162
0.6971	0.9949	0.4140	2.6488	0.9417	0.8354
0.7495	0.9956	0.4039	2.7065	0.9504	0.8563
0.7890	0.9961	0.3956	2.7550	0.9575	0.8743
0.8484	0.9967	0.3856	2.8152	0.9659	0.8970
0.8914	0.9972	0.3781	2.8614	0.9722	0.9148
0.9246	0.9974	0.3721	2.8988	0.9771	0.9294
0.9845	0.9977	0.3642	2.9489	0.9836	0.9492
1.0580	0.9982	0.3567	2.9989	0.9898	0.9693
1.1790	0.9984	0.3495	3.0467	0.9956	0.9889
1.2907	0.9986	0.3469	3.0651	0.9977	0.9965
1.3827	0.9983	0.3458	3.0717	0.9985	0.9993
1.5235	0.9985	0.3453	3.0759	0.9990	1.0010
1.6322	0.9987	0.3452	3.0765	0.9991	1.0013
1.7412	0.9983	0.3451	3.0765	0.9991	1.0013
1.8715	0.9984	0.3450	3.0774	0.9992	1.0016

CEL = 0.1817 DELU= .0278 DEL*= .0640 CM
THETA= .01126 H = 5.683 UE = 634.9 M/SEC
RHOE= 0.2414 KG/M**3 RUN = 3036

MACH = 3.00 PO = 298.4 KPA TO = 309.3 K
ALPHA= 5.28 Z/D= 3.33 PHI= 120.
RPM= 0. PW = 5.44 KPA REL=7231502.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9180	0.9180	0.0000	0.0000	0.3454
0.0294	0.9600	0.7847	1.0568	0.5070	0.4040
0.0660	0.9649	0.7446	1.2162	0.5684	0.4257
0.0751	0.9722	0.6828	1.4557	0.6514	0.4644
0.1027	0.9763	0.6422	1.6126	0.6997	0.4938
0.1395	0.9791	0.6081	1.7465	0.7375	0.5214
0.1603	0.9814	0.5817	1.8533	0.7655	0.5450
0.1996	0.9844	0.5468	2.0004	0.8009	0.5800
0.2368	0.9867	0.5197	2.1197	0.8273	0.6103
0.2928	0.9883	0.4972	2.2224	0.8484	0.6379
0.3467	0.9895	0.4809	2.2997	0.8634	0.6596
0.4055	0.9905	0.4680	2.3624	0.8750	0.6777
0.4671	0.9916	0.4514	2.4464	0.8899	0.7027
0.5194	0.9930	0.4340	2.5380	0.9051	0.7310
0.5864	0.9942	0.4169	2.6315	0.9198	0.7610
0.6489	0.9952	0.4023	2.7144	0.9321	0.7885
0.7274	0.9961	0.3873	2.8033	0.9445	0.8190
0.7717	0.9969	0.3758	2.8745	0.9540	0.8441
0.8111	0.9975	0.3658	2.9388	0.9622	0.8673
0.8852	0.9984	0.3549	3.0113	0.9710	0.8942
0.9445	0.9992	0.3451	3.0783	0.9789	0.9195
1.0139	0.9996	0.3355	3.1460	0.9864	0.9457
1.0983	1.0000	0.3295	3.1898	0.9912	0.9630
1.1630	1.0005	0.3241	3.2303	0.9954	0.9791
1.2328	1.0003	0.3216	3.2486	0.9973	0.9865
1.3227	1.0006	0.3200	3.2606	0.9985	0.9914
1.4051	1.0008	0.3190	3.2687	0.9994	0.9947

DEL = 0.2591 DELL= .0367 DEL*= .0964 CM
THETA= .01611 H = 5.981 UE = 650.9 M/SEC
RHOE= 0.1939 KG/M**3 RUN = 4118

MACH = 3.00 PO = 298.5 KPA TO = 309.7 K
ALPHA= 5.28 Z/D= 3.33 PHI= 120.
RPM= 20000. PW = 5.43 KPA REL=7212798.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9181	0.9181	0.0000	0.0000	0.3456
0.0763	0.9714	0.6912	1.4235	0.6410	0.4590
0.0950	0.9737	0.6681	1.5122	0.6694	0.4749
0.1183	0.9768	0.6343	1.6430	0.7087	0.5001
0.1605	0.9798	0.6028	1.7682	0.7435	0.5264
0.1840	0.9816	0.5790	1.8644	0.7684	0.5479
0.2169	0.9858	0.5294	2.0763	0.8181	0.5994
0.2831	0.9881	0.4988	2.2148	0.8470	0.6362
0.3354	0.9893	0.4820	2.2940	0.8625	0.6583
0.3928	0.9903	0.4686	2.3591	0.8746	0.6771
0.4504	0.9915	0.4507	2.4494	0.8905	0.7040
0.5131	0.9929	0.4335	2.5399	0.9056	0.7320
0.5713	0.9936	0.4223	2.6008	0.9152	0.7515
0.6347	0.9947	0.4041	2.7034	0.9306	0.7853
0.6939	0.9958	0.3908	2.7821	0.9418	0.8121
0.7689	0.9968	0.3753	2.8774	0.9545	0.8456
0.8139	0.9974	0.3653	2.9412	0.9626	0.8687
0.8891	0.9982	0.3524	3.0273	0.9731	0.9007
0.9494	0.9990	0.3429	3.0928	0.9806	0.9256
1.0199	0.9996	0.3356	3.1453	0.9865	0.9460
1.1157	0.9999	0.3279	3.2009	0.9925	0.9680
1.1814	1.0002	0.3232	3.2365	0.9962	0.9822
1.2574	1.0004	0.3210	3.2529	0.9979	0.9888
1.3335	1.0006	0.3199	3.2616	0.9988	0.9924
1.4298	1.0006	0.3191	3.2677	0.9994	0.9948
1.5061	1.0009	0.3186	3.2725	0.9999	0.9968

DEL = 0.2551 DELL= .0376 DEL*= .0948 CM
THETA= .01534 H = 6.178 UE = 651.3 M/SEC
RHOE= 0.1932 KG/M**3 RUN = 4119

MACH = 3.00 PO = 298.4 KPA TO = 308.6 K
ALPHA= 5.28 Z/D= 3.33 PHI= 150.
RPM= 0. PW = 5.47 KPA REL=7296231.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9179	0.9179	0.0000	0.0000	0.3427
0.0238	0.9582	0.7977	1.0031	0.4861	0.3954
0.0497	0.9667	0.7358	1.2529	0.5831	0.4288
0.0794	0.9724	0.6828	1.4565	0.6529	0.4621
0.1037	0.9761	0.6488	1.5881	0.6939	0.4864
0.1317	0.9790	0.6188	1.7059	0.7279	0.5101
0.1579	0.9815	0.5920	1.8137	0.7568	0.5333
0.2050	0.9846	0.5595	1.9491	0.7905	0.5645
0.2504	0.9857	0.5397	2.0329	0.8099	0.5850
0.2922	0.9874	0.5234	2.1055	0.8260	0.6025
0.3438	0.9889	0.5053	2.1877	0.8432	0.6252
0.3957	0.9903	0.4889	2.2644	0.8584	0.6462
0.4440	0.9916	0.4739	2.3372	0.8722	0.6668
0.4944	0.9928	0.4593	2.4100	0.8853	0.6881
0.5336	0.9936	0.4481	2.4671	0.8952	0.7053
0.5873	0.9949	0.4295	2.5654	0.9114	0.7358
0.6272	0.9957	0.4195	2.6208	0.9200	0.7535
0.6831	0.9968	0.4098	2.6759	0.9283	0.7716
0.7371	0.9981	0.3922	2.7794	0.9431	0.8065
0.7851	0.9988	0.3838	2.8309	0.9502	0.8243
0.8594	1.0001	0.3667	2.9385	0.9641	0.8627
0.9158	1.0007	0.3601	2.9822	0.9695	0.8787
0.9823	1.0025	0.3439	3.0942	0.9826	0.9208
1.0591	1.0033	0.3324	3.1766	0.9917	0.9528
1.1278	1.0033	0.3296	3.1973	0.9939	0.9609
1.1906	1.0039	0.3231	3.2456	0.9990	0.9802
1.2537	1.0042	0.3216	3.2579	1.0002	0.9851
1.3331	1.0046	0.3207	3.2656	1.0010	0.9883
1.4704	1.0052	0.3193	3.2771	1.0022	0.9929

DEL = 0.3202 DELU= .0477 DEL*= .1273 CM
THETA= .02085 H = 6.103 UE = 649.0 M/SEC
RHOE= 0.1973 KG/M**3 RUN = 4127

MACH = 3.00 PO = 298.5 KPA TO = 309.6 K
ALPHA= 5.28 Z/D= 3.33 PHI= 150.
RPM= 20000. PW = 5.48 KPA REL=7227007.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9180	0.9180	0.0000	0.0000	0.3446
0.0716	0.9711	0.6928	1.4172	0.6388	0.4565
0.0845	0.9739	0.6650	1.5241	0.6730	0.4756
0.1104	0.9769	0.6332	1.6474	0.7098	0.4995
0.1383	0.9799	0.6032	1.7671	0.7430	0.5245
0.1719	0.9821	0.5731	1.8890	0.7743	0.5519
0.2206	0.9848	0.5431	2.0168	0.8047	0.5826
0.2621	0.9861	0.5264	2.0896	0.8208	0.6011
0.3094	0.9871	0.5111	2.1579	0.8353	0.6189
0.3627	0.9885	0.4947	2.2339	0.8507	0.6396
0.4028	0.9899	0.4801	2.3045	0.8643	0.6593
0.4605	0.9908	0.4625	2.3898	0.8799	0.6841
0.5050	0.9922	0.4484	2.4624	0.8926	0.7059
0.5521	0.9932	0.4340	2.5382	0.9051	0.7293
0.5976	0.9940	0.4221	2.6029	0.9154	0.7499
0.6491	0.9948	0.4095	2.6735	0.9261	0.7730
0.7207	0.9962	0.3914	2.7796	0.9412	0.8088
0.7864	0.9971	0.3774	2.8655	0.9528	0.8389
0.8502	0.9980	0.3638	2.9525	0.9638	0.8702
0.9202	0.9992	0.3507	3.0408	0.9745	0.9031
0.9824	0.9999	0.3397	3.1170	0.9832	0.9322
1.0527	1.0002	0.3313	3.1771	0.9897	0.9557
1.1189	1.0009	0.3257	3.2194	0.9942	0.9724
1.1833	1.0011	0.3224	3.2444	0.9968	0.9825
1.2581	1.0012	0.3206	3.2582	0.9982	0.9880
1.3229	1.0013	0.3195	3.2665	0.9991	0.9914
1.3921	1.0015	0.3190	3.2711	0.9995	0.9933
1.4614	1.0016	0.3182	3.2768	1.0001	0.9956

DEL = 0.3222 DELU= .0491 DEL*= .1250 CM
THETA= .02025 H = 6.172 UE = 651.3 M/SEC
RHOE= 0.1956 KG/M**3 RUN = 4128

MACH = 3.00 PO = 298.0 KPA TO = 311.4 K
ALPHA= 5.28 Z/D= 3.33 PHI= 170.
RPM= 0. PW = 5.52 KPA REL=7156957.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9176	0.9176	0.0000	0.0000	0.3416
0.0194	0.9591	0.7901	1.0342	0.4964	0.3968
0.0405	0.9682	0.7210	1.3092	0.6003	0.4349
0.0616	0.9728	0.6757	1.4826	0.6582	0.4640
0.0889	0.9765	0.6389	1.6252	0.7015	0.4908
0.1132	0.9792	0.6083	1.7459	0.7353	0.5155
0.1437	0.9813	0.5789	1.8644	0.7661	0.5415
0.1913	0.9842	0.5485	1.9929	0.7970	0.5717
0.2454	0.9857	0.5257	2.0919	0.8191	0.5964
0.2936	0.9870	0.5118	2.1544	0.8323	0.6126
0.3484	0.9884	0.4925	2.2436	0.8503	0.6366
0.3989	0.9896	0.4762	2.3219	0.8652	0.6585
0.4481	0.9908	0.4620	2.3922	0.8780	0.6788
0.4967	0.9921	0.4434	2.4876	0.8944	0.7073
0.5601	0.9935	0.4230	2.5968	0.9119	0.7414
0.6123	0.9944	0.4104	2.6672	0.9226	0.7641
0.6727	0.9953	0.3965	2.7481	0.9343	0.7911
0.7284	0.9963	0.3817	2.8373	0.9465	0.8216
0.7777	0.9969	0.3720	2.8980	0.9544	0.8430
0.8320	0.9978	0.3639	2.9510	0.9610	0.8621
0.8847	0.9982	0.3542	3.0154	0.9688	0.8857
0.9457	0.9989	0.3441	3.0844	0.9769	0.9116
0.9903	0.9994	0.3352	3.1479	0.9839	0.9359
1.0566	0.9995	0.3272	3.2062	0.9902	0.9587
1.1115	1.0002	0.3228	3.2391	0.9936	0.9717
1.1665	1.0005	0.3202	3.2591	0.9956	0.9797
1.2218	1.0004	0.3184	3.2725	0.9970	0.9851
1.2789	1.0007	0.3177	3.2784	0.9976	0.9875
1.3294	1.0005	0.3173	3.2814	0.9979	0.9887
1.3830	1.0005	0.3168	3.2850	0.9982	0.9901
1.5001	1.0008	0.3154	3.2965	0.9994	0.9948

CEL = 0.3926 DELU= .0542 DEL*= .1482 CM
THETA= .02490 H = 5.950 UE = 655.0 M/SEC
RHOE= 0.1974 KG/M**3 RUN = 4133

MACH = 3.00 PO = 297.9 KPA TO = 311.7 K
ALPHA= 5.28 Z/D= 3.33 PHI= 170.
RPM= 20000. PW = 5.52 KPA REL=7149928.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9176	0.9176	0.0000	0.0000	0.3416
0.0517	0.9700	0.7032	1.3771	0.6236	0.4458
0.0624	0.9724	0.6793	1.4689	0.6538	0.4615
0.0762	0.9745	0.6580	1.5509	0.6793	0.4764
0.0947	0.9772	0.6287	1.6647	0.7128	0.4986
0.1162	0.9792	0.6065	1.7529	0.7372	0.5169
0.1456	0.9812	0.5820	1.8522	0.7630	0.5387
0.1953	0.9840	0.5505	1.9842	0.7950	0.5695
0.2470	0.9854	0.5297	2.0742	0.8152	0.5918
0.3006	0.9871	0.5110	2.1583	0.8331	0.6136
0.3450	0.9882	0.4955	2.2300	0.8476	0.6328
0.4105	0.9898	0.4733	2.3360	0.8678	0.6625
0.4555	0.9909	0.4579	2.4125	0.8815	0.6847
0.5097	0.9923	0.4410	2.5000	0.8964	0.7111
0.5674	0.9933	0.4238	2.5923	0.9112	0.7399
0.6269	0.9944	0.4098	2.6709	0.9231	0.7653
0.6831	0.9954	0.3949	2.7576	0.9356	0.7942
0.7379	0.9963	0.3815	2.8387	0.9466	0.8220
0.7895	0.9971	0.3710	2.9047	0.9552	0.8453
0.8495	0.9977	0.3592	2.9813	0.9647	0.8730
0.8979	0.9983	0.3500	3.0432	0.9721	0.8959
0.9596	0.9990	0.3394	3.1175	0.9805	0.9241
1.0132	0.9993	0.3319	3.1705	0.9863	0.9446
1.0703	0.9998	0.3260	3.2148	0.9910	0.9619
1.1259	1.0000	0.3220	3.2446	0.9941	0.9738
1.1834	1.0004	0.3196	3.2637	0.9961	0.9814
1.2377	1.0003	0.3182	3.2741	0.9971	0.9856
1.2955	1.0005	0.3174	3.2804	0.9978	0.9882
1.3554	1.0007	0.3168	3.2855	0.9983	0.9902
1.4080	1.0007	0.3165	3.2878	0.9985	0.9912
1.5283	1.0008	0.3154	3.2967	0.9994	0.9948

DEL = 0.3876 DELU= .0559 DEL*= .1477 CM
THETA= .02426 H = 6.090 UE = 655.2 M/SEC
RHOE= 0.1972 KG/M**3 RUN = 4134

MACH = 3.00 PO = 296.5 KPA TO = 312.8 K
ALPHA= 5.28 Z/D= 3.33 PHI= 180.
RPM= 0. PW = 5.50 KPA REL=7074767.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9178	0.9178	0.0000	0.0000	0.3429
0.0192	0.9568	0.8058	0.9679	0.4696	0.3905
0.0386	0.9627	0.7606	1.1528	0.5434	0.4137
0.0626	0.9717	0.6859	1.4433	0.6460	0.4588
0.0881	0.9760	0.6431	1.6086	0.6971	0.4894
0.1107	0.9790	0.6097	1.7404	0.7343	0.5163
0.1455	0.9816	0.5791	1.8640	0.7666	0.5435
0.1942	0.9845	0.5456	2.0057	0.8005	0.5771
0.2432	0.9861	0.5249	2.0960	0.8205	0.5998
0.3003	0.9875	0.5039	2.1903	0.8402	0.6246
0.3469	0.9889	0.4847	2.2806	0.8580	0.6494
0.3953	0.9900	0.4664	2.3695	0.8745	0.6748
0.4425	0.9914	0.4517	2.4442	0.8876	0.6969
0.5019	0.9926	0.4350	2.5317	0.9022	0.7238
0.5551	0.9936	0.4208	2.6085	0.9144	0.7481
0.6101	0.9943	0.4065	2.6892	0.9265	0.7744
0.6668	0.9954	0.3933	2.7664	0.9375	0.8004
0.7203	0.9962	0.3808	2.8427	0.9479	0.8268
0.7740	0.9969	0.3700	2.9103	0.9566	0.8508
0.8311	0.9976	0.3595	2.9788	0.9651	0.8756
0.8883	0.9983	0.3505	3.0402	0.9724	0.8985
0.9357	0.9988	0.3429	3.0923	0.9784	0.9182
0.9930	0.9991	0.3354	3.1452	0.9843	0.9385
1.0456	0.9995	0.3288	3.1934	0.9895	0.9574
1.1016	0.9999	0.3251	3.2219	0.9925	0.9687
1.1595	1.0004	0.3228	3.2400	0.9944	0.9759
1.2110	1.0002	0.3205	3.2566	0.9961	0.9826
1.2709	1.0002	0.3183	3.2730	0.9977	0.9892
1.3210	1.0002	0.3169	3.2834	0.9988	0.9934
1.3828	1.0003	0.3160	3.2905	0.9995	0.9963
1.4358	1.0005	0.3155	3.2949	0.9999	0.9981

DEL = 0.3961 DELU= .0539 DEL*= .1455 CM
THETA= .02449 H = 5.943 UE = 655.9 M/SEC
RHOE= 0.1959 KG/M**3 RUN = 4142

MACH = 3.00 PO = 296.5 KPA TO = 312.5 K
ALPHA= 5.28 Z/D= 3.33 PHI= 180.
RPM= 20000. PW = 5.50 KPA REL=7067252.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9178	0.9178	0.0000	0.0000	0.3431
0.0534	0.9689	0.7146	1.3339	0.6094	0.4408
0.0684	0.9720	0.6830	1.4543	0.6497	0.4610
0.0864	0.9746	0.6578	1.5518	0.6802	0.4788
0.1059	0.9770	0.6325	1.6500	0.7093	0.4979
0.1315	0.9801	0.5993	1.7824	0.7457	0.5257
0.1557	0.9818	0.5786	1.8668	0.7674	0.5445
0.1906	0.9837	0.5524	1.9758	0.7937	0.5701
0.2395	0.9854	0.5309	2.0691	0.8148	0.5933
0.2840	0.9869	0.5137	2.1463	0.8313	0.6133
0.3444	0.9883	0.4905	2.2524	0.8527	0.6419
0.3958	0.9901	0.4731	2.3374	0.8688	0.6659
0.4540	0.9915	0.4539	2.4336	0.8859	0.6942
0.5021	0.9922	0.4374	2.5182	0.9002	0.7200
0.5584	0.9936	0.4211	2.6071	0.9143	0.7481
0.6084	0.9945	0.4075	2.6835	0.9258	0.7730
0.6633	0.9951	0.3981	2.7385	0.9337	0.7914
0.7232	0.9962	0.3834	2.8273	0.9459	0.8219
0.7719	0.9968	0.3720	2.8978	0.9552	0.8468
0.8272	0.9976	0.3622	2.9617	0.9632	0.8695
0.8858	0.9980	0.3522	3.0277	0.9711	0.8943
0.9331	0.9988	0.3437	3.0873	0.9780	0.9168
0.9853	0.9992	0.3366	3.1373	0.9836	0.9360
1.0427	0.9996	0.3298	3.1867	0.9889	0.9553
1.1002	0.9999	0.3250	3.2221	0.9927	0.9694
1.1580	1.0002	0.3212	3.2507	0.9956	0.9808
1.2093	1.0003	0.3196	3.2635	0.9969	0.9860
1.2674	1.0004	0.3178	3.2774	0.9983	0.9915
1.3191	1.0006	0.3170	3.2839	0.9990	0.9942
1.3772	1.0005	0.3163	3.2885	0.9994	0.9961
1.4352	1.0005	0.3158	3.2926	0.9998	0.9977

DEL = 0.3972 DELU= .0571 DEL*= .1485 CM
THETA= .02447 H = 6.084 UE = 656.1 M/SEC
RHOE= 0.1955 KG/M**3 RUN = 4143

MACH = 3.00 PO = 298.1 KPA TO = 312.1 K
ALPHA= 5.28 Z/D= 3.33 PHI= 190.
RPM= 0. PW = 5.52 KPA REL=7143764.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9178	0.9178	0.0000	0.0000	0.3434
0.0202	0.9577	0.8034	0.9798	0.4751	0.3924
0.0436	0.9645	0.7500	1.1958	0.5602	0.4203
0.0687	0.9716	0.6909	1.4253	0.6409	0.4563
0.0991	0.9753	0.6547	1.5649	0.6849	0.4817
0.1222	0.9788	0.6147	1.7209	0.7299	0.5129
0.1713	0.9828	0.5691	1.9067	0.7780	0.5541
0.2320	0.9852	0.5394	2.0328	0.8075	0.5846
0.2787	0.9867	0.5231	2.1049	0.8234	0.6029
0.3353	0.9879	0.5039	2.1915	0.8414	0.6258
0.3958	0.9893	0.4876	2.2680	0.8566	0.6468
0.4416	0.9905	0.4689	2.3583	0.8735	0.6725
0.4995	0.9921	0.4508	2.4501	0.8897	0.6997
0.5519	0.9931	0.4342	2.5367	0.9041	0.7263
0.6094	0.9942	0.4173	2.6293	0.9186	0.7558
0.6705	0.9953	0.4014	2.7198	0.9320	0.7857
0.7300	0.9965	0.3857	2.8137	0.9451	0.8178
0.7743	0.9973	0.3733	2.8913	0.9553	0.8451
0.8375	0.9981	0.3604	2.9743	0.9657	0.8752
0.8957	0.9989	0.3517	3.0331	0.9727	0.8970
0.9541	0.9996	0.3434	3.0908	0.9794	0.9189
1.0089	1.0001	0.3348	3.1518	0.9861	0.9424
1.0657	1.0005	0.3284	3.1990	0.9912	0.9609
1.1191	1.0008	0.3237	3.2342	0.9949	0.9749
1.1797	1.0012	0.3208	3.2562	0.9972	0.9837
1.2353	1.0012	0.3191	3.2692	0.9985	0.9890
1.2962	1.0013	0.3180	3.2775	0.9993	0.9924
1.3522	1.0014	0.3173	3.2830	0.9999	0.9946
1.4047	1.0016	0.3168	3.2877	1.0003	0.9965

DEL = 0.3772 DELU= .0543 DEL*= .1447 CM
THETA= .02414 H = 5.991 UE = 654.5 M/SEC
RHOE= 0.1963 KG/M**3 RUN = 4151

MACH = 3.00 PO = 298.1 KPA TO = 312.6 K
ALPHA= 5.28 Z/D= 3.33 PHI= 190.
RPM= 20000. PW = 5.52 KPA REL=7124752.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9179	0.9179	0.0000	0.0000	0.3438
0.0576	0.9682	0.7184	1.3185	0.6046	0.4292
0.0733	0.9715	0.6870	1.4389	0.6452	0.4593
0.0921	0.9748	0.6550	1.5622	0.6839	0.4818
0.1284	0.9785	0.6143	1.7217	0.7299	0.5137
0.1744	0.9820	0.5730	1.8890	0.7735	0.5507
0.2286	0.9843	0.5470	1.9994	0.7998	0.5771
0.2752	0.9857	0.5286	2.0792	0.8176	0.5971
0.3285	0.9872	0.5086	2.1690	0.8367	0.6205
0.3855	0.9885	0.4908	2.2519	0.8533	0.6431
0.4412	0.9901	0.4714	2.3454	0.8709	0.6696
0.4990	0.9913	0.4523	2.4411	0.8879	0.6975
0.5547	0.9926	0.4360	2.5266	0.9023	0.7241
0.6122	0.9938	0.4191	2.6184	0.9167	0.7533
0.6647	0.9945	0.4054	2.6957	0.9283	0.7786
0.7225	0.9958	0.3919	2.7758	0.9397	0.8057
0.7787	0.9965	0.3777	2.8622	0.9513	0.8359
0.8367	0.9974	0.3661	2.9366	0.9608	0.8626
0.8949	0.9984	0.3540	3.0168	0.9706	0.8921
0.9463	0.9990	0.3440	3.0857	0.9786	0.9181
1.0097	0.9996	0.3345	3.1528	0.9860	0.9440
1.0646	0.9998	0.3280	3.2003	0.9911	0.9627
1.1215	1.0001	0.3230	3.2376	0.9950	0.9776
1.1751	1.0003	0.3204	3.2572	0.9971	0.9854
1.2393	1.0006	0.3186	3.2714	0.9985	0.9912
1.2950	1.0006	0.3176	3.2790	0.9993	0.9943
1.3386	1.0007	0.3170	3.2835	0.9997	0.9961
1.4069	1.0009	0.3165	3.2883	1.0002	0.9981

DEL = 0.3776 DELU= .0577 DEL*= .1478 CM
THETA= .02416 H = 6.118 UE = 655.0 M/SEC
RHOE= 0.1958 KG/M**3 RUN = 4152

MACH = 3.00 PO = 297.5 KPA TO = 313.4 K
ALPHA= 5.28 Z/D= 3.33 PHI= 210.
RPM= 0. PW = 5.46 KPA REL=7070750.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9180	0.9180	0.0000	0.0000	0.3446
0.0240	0.9590	0.7934	1.0212	0.4921	0.3987
0.0462	0.9665	0.7370	1.2479	0.5796	0.4292
0.0574	0.9696	0.7110	1.3486	0.6151	0.4450
0.0685	0.9724	0.6834	1.4541	0.6503	0.4620
0.1058	0.9769	0.6368	1.6340	0.7054	0.4968
0.1377	0.9799	0.6046	1.7616	0.7409	0.5234
0.1809	0.9824	0.5728	1.8910	0.7742	0.5524
0.2054	0.9839	0.5546	1.9672	0.7925	0.5705
0.2756	0.9862	0.5223	2.1072	0.8239	0.6056
0.3272	0.9880	0.5035	2.1932	0.8418	0.6284
0.3925	0.9894	0.4816	2.2963	0.8620	0.6570
0.4564	0.9907	0.4640	2.3824	0.8779	0.6819
0.5227	0.9919	0.4471	2.4683	0.8928	0.7077
0.5894	0.9932	0.4282	2.5686	0.9092	0.7350
0.6616	0.9945	0.4080	2.6810	0.9264	0.7755
0.7259	0.9958	0.3920	2.7752	0.9398	0.8073
0.7904	0.9966	0.3768	2.8680	0.9523	0.8398
0.8571	0.9975	0.3629	2.9566	0.9636	0.8718
0.9198	0.9985	0.3488	3.0519	0.9750	0.9073
1.0051	0.9992	0.3354	3.1459	0.9856	0.9434
1.0580	0.9997	0.3278	3.2016	0.9915	0.9653
1.1354	1.0002	0.3225	3.2417	0.9957	0.9813
1.2640	1.0004	0.3192	3.2665	0.9983	0.9914
1.3912	1.0004	0.3183	3.2730	0.9989	0.9940

DEL = 0.3175 DELU= .0465 DEL*= .1229 CM
THETA= .02066 H = 5.948 UE = 655.9 M/SEC
RHOE= 0.1931 KG/M**3 RUN = 4160

MACH = 3.00 PO = 297.4 KPA TO = 313.5 K
ALPHA= 5.28 Z/D= 3.33 PHI= 210.
RPM= 20000. PW = 5.46 KPA REL=7067625.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9179	0.9179	0.0000	0.0000	0.3444
0.0477	0.9653	0.7430	1.2232	0.5702	0.4256
0.0654	0.9712	0.6936	1.4144	0.6371	0.4559
0.1028	0.9758	0.6458	1.5984	0.6947	0.4896
0.1314	0.9783	0.6166	1.7119	0.7272	0.5126
0.1691	0.9814	0.5829	1.8487	0.7633	0.5424
0.1925	0.9828	0.5658	1.9197	0.7809	0.5589
0.2576	0.9852	0.5348	2.0520	0.8116	0.5912
0.3178	0.9867	0.5134	2.1468	0.8320	0.6158
0.3747	0.9883	0.4938	2.2376	0.8504	0.6403
0.4412	0.9897	0.4718	2.3429	0.8704	0.6701
0.5007	0.9912	0.4509	2.4476	0.8890	0.7011
0.5721	0.9928	0.4311	2.5524	0.9063	0.7335
0.6353	0.9940	0.4132	2.6512	0.9216	0.7653
0.6929	0.9949	0.3987	2.7346	0.9338	0.7931
0.7544	0.9960	0.3827	2.8304	0.9470	0.8262
0.8181	0.9969	0.3691	2.9162	0.9582	0.8567
0.8915	0.9978	0.3542	3.0142	0.9702	0.8927
0.9555	0.9986	0.3423	3.0965	0.9797	0.9239
1.0157	0.9991	0.3334	3.1598	0.9867	0.9485
1.0721	0.9996	0.3264	3.2112	0.9922	0.9688
1.2143	1.0000	0.3197	3.2618	0.9974	0.9891
1.3338	1.0001	0.3179	3.2753	0.9988	0.9945

DEL = 0.3326 DELU= .0506 DEL*= .1299 CM
THETA= .02144 H = 6.057 UE = 656.2 M/SEC
RHOE= 0.1931 KG/M**3 RUN = 4161

MACH = 3.00 P1 = 298.3 KPA T0 = 307.7 K
ALPHA= 5.24 Z/D= 3.33 PHI= 240.
RPM= 0. P0 = 3.44 KPA REL=7287394.

Y/DEL	TT/T0	T/T0	M	U/UE	RHO/RHOE
0.0000	0.9180	0.9180	0.0000	0.0000	0.3453
0.0256	0.9602	0.7433	1.3621	0.5391	0.4046
0.0512	0.9655	0.7413	1.2309	0.5738	0.4278
0.0761	0.9708	0.6943	1.4111	0.6364	0.4565
0.1055	0.9753	0.6527	1.5722	0.6878	0.4855
0.1374	0.9788	0.6115	1.7320	0.7337	0.5182
0.1693	0.9824	0.5738	1.9857	0.7739	0.5525
0.2042	0.9853	0.5371	2.0425	0.8106	0.5904
0.2451	0.9872	0.5120	2.1543	0.8347	0.6194
0.3003	0.9892	0.4857	2.2755	0.8591	0.6529
0.3554	0.9902	0.4720	2.3430	0.8716	0.6714
0.4106	0.9912	0.4574	2.4157	0.8846	0.6933
0.4750	0.9927	0.4393	2.5083	0.9014	0.7216
0.5394	0.9939	0.4213	2.6063	0.9185	0.7533
0.5945	0.9957	0.3959	2.7407	0.9386	0.7993
0.6617	0.9962	0.3914	2.7794	0.9413	0.8106
0.7315	0.9974	0.3724	2.9069	0.9563	0.8556
0.8154	0.9989	0.3503	3.0426	0.9744	0.9059
0.8955	0.9991	0.3367	3.0875	0.9777	0.9152
0.9603	1.0002	0.3299	3.1471	0.9913	0.9517
1.0428	1.0007	0.3234	3.2321	0.9957	0.9797
1.1434	1.0010	0.3190	3.2652	0.9991	0.9931
1.2159	1.0011	0.3168	3.2771	1.0003	0.9979

DEL = 0.2862 DELD= .0359 DELM= .0936 CM
THETA= .01557 H = 5.513 UE = 649.2 M/SEC
RHOE= 0.1952 KG/M**3 RUN = 4198

MACH = 3.00 P0 = 298.4 KPA T0 = 308.1 K
ALPHA= 5.24 Z/D= 3.33 PHI= 240.
RPM= 20000. P0 = 3.43 KPA REL=7264024.

Y/DEL	TT/T0	T/T0	M	U/UE	RHO/RHOE
0.0000	0.9180	0.9180	0.0000	0.0000	0.3445
0.0766	0.9699	0.7043	1.3723	0.6231	0.4490
0.0936	0.9735	0.6663	1.5111	0.6663	0.4733
0.1131	0.9757	0.6475	1.5921	0.6933	0.4886
0.1447	0.9783	0.6102	1.7069	0.7260	0.5119
0.1692	0.9807	0.5912	1.8148	0.7548	0.5351
0.1961	0.9823	0.5686	1.9065	0.7779	0.5561
0.2304	0.9846	0.5429	2.0158	0.8039	0.5827
0.2549	0.9863	0.5207	2.1146	0.8254	0.6075
0.2970	0.9877	0.5030	2.1948	0.8421	0.6289
0.3639	0.9893	0.4804	2.3012	0.8629	0.6585
0.4236	0.9907	0.4636	2.3842	0.8781	0.6825
0.4737	0.9914	0.4507	2.4493	0.8895	0.7020
0.5317	0.9927	0.4327	2.5437	0.9051	0.7311
0.5932	0.9939	0.4106	2.6313	0.9189	0.7592
0.6625	0.9947	0.3996	2.7279	0.9331	0.7912
0.7191	0.9957	0.3874	2.8021	0.9434	0.8166
0.7835	0.9970	0.3729	2.8926	0.9554	0.8487
0.8455	0.9975	0.3617	2.9649	0.9645	0.8749
0.9204	0.9984	0.3486	3.0531	0.9750	0.9078
0.9774	0.9992	0.3388	3.1220	0.9828	0.9342
1.0475	0.9995	0.3309	3.1782	0.9884	0.9561
1.1364	1.0001	0.3237	3.2326	0.9947	0.9778
1.2218	1.0003	0.3196	3.2621	0.9977	0.9897
1.3050	1.0001	0.3191	3.2744	0.9989	0.9949
1.3912	1.0003	0.3171	3.2823	0.9997	0.9979

DEL = 0.2486 DELD= .0383 DELM= .0952 CM
THETA= .01532 H = 5.210 UE = 650.3 M/SEC
RHOE= 0.1952 KG/M**3 RUN = 4199

MACH = 3.00 PO = 296.5 KPA TO = 313.2 K
ALPHA= 6.34 Z/D= 3.33 PHI= 0.
RPM= 0. PW = 8.60 KPA REL=7058920.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9241	0.9241	0.0000	0.0000	0.3979
0.0538	0.9702	0.7440	1.2331	0.5984	0.4942
0.0979	0.9756	0.6922	1.4308	0.6698	0.5212
0.1260	0.9789	0.6544	1.5744	0.7167	0.5618
0.1541	0.9818	0.6212	1.7037	0.7556	0.5918
0.1904	0.9838	0.5974	1.7984	0.7822	0.6154
0.2228	0.9859	0.5737	1.8954	0.8077	0.6410
0.2593	0.9881	0.5437	2.0217	0.8388	0.6762
0.3006	0.9900	0.5185	2.1322	0.8639	0.7091
0.3419	0.9915	0.5003	2.2157	0.8817	0.7352
0.3834	0.9926	0.4840	2.2920	0.8972	0.7598
0.4416	0.9934	0.4700	2.3599	0.9103	0.7824
0.5710	0.9945	0.4572	2.4238	0.9221	0.8043
0.6382	0.9953	0.4452	2.4855	0.9330	0.8261
0.6887	0.9958	0.4364	2.5318	0.9410	0.8428
0.7605	0.9964	0.4272	2.5806	0.9491	0.8607
0.7986	0.9970	0.4193	2.6245	0.9561	0.8771
0.8835	0.9981	0.4041	2.7110	0.9695	0.9102
0.9560	0.9988	0.3924	2.7796	0.9796	0.9373
1.0288	0.9993	0.3821	2.8421	0.9884	0.9626
1.0889	0.9998	0.3780	2.8676	0.9918	0.9730
1.2356	1.0002	0.3714	2.9095	0.9975	0.9905
1.3833	1.0004	0.3696	2.9216	0.9990	0.9955
1.5189	1.0003	0.3687	2.9264	0.9997	0.9976
1.6686	1.0002	0.3683	2.9285	1.0000	0.9985
1.7853	1.0004	0.3679	2.9317	1.0004	0.9998
1.9704	1.0005	0.3680	2.9315	1.0003	0.9997
2.1106	1.0005	0.3682	2.9301	1.0002	0.9991
2.1785	1.0005	0.3681	2.9307	1.0002	0.9994
2.3329	1.0005	0.3681	2.9310	1.0003	0.9995

DEL = 0.1415 DELU= .0198 DEL*= .0466 CM
THETA= .00904 H = 5.154 UE = 630.5 M/SEC
RHOE= 0.2618 KG/M**3 RUN = 4144

MACH = 3.00 PO = 296.5 KPA TO = 313.4 K
ALPHA= 6.34 Z/D= 3.33 PHI= 0.
RPM= 20000. PW = 8.60 KPA REL=7046035.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9241	0.9241	0.0000	0.0000	0.3977
0.1762	0.9837	0.6025	1.7772	0.7761	0.6097
0.2161	0.9861	0.5750	1.8908	0.8063	0.6354
0.2644	0.9883	0.5434	2.0233	0.8389	0.6764
0.2888	0.9897	0.5246	2.1053	0.8577	0.7006
0.3256	0.9908	0.5074	2.1827	0.8745	0.7244
0.3502	0.9920	0.4950	2.2405	0.8865	0.7427
0.3829	0.9926	0.4837	2.2936	0.8972	0.7599
0.4404	0.9934	0.4723	2.3487	0.9079	0.7783
0.5225	0.9943	0.4588	2.4160	0.9204	0.8013
0.5932	0.9950	0.4489	2.4665	0.9294	0.8189
0.6639	0.9961	0.4354	2.5372	0.9416	0.8443
0.7222	0.9964	0.4269	2.5830	0.9492	0.8611
0.8017	0.9975	0.4130	2.6603	0.9615	0.8902
0.8688	0.9982	0.4015	2.7260	0.9714	0.9156
0.9320	0.9985	0.3942	2.7686	0.9777	0.9325
0.9911	0.9992	0.3866	2.8147	0.9843	0.9510
1.0716	0.9996	0.3798	2.8567	0.9901	0.9681
1.2251	1.0003	0.3722	2.9050	0.9966	0.9881
1.3496	1.0002	0.3696	2.9205	0.9986	0.9946
1.5138	1.0005	0.3687	2.9269	0.9994	0.9973
1.6312	1.0005	0.3685	2.9280	0.9996	0.9977
1.7153	1.0003	0.3683	2.9294	0.9998	0.9983
1.9291	1.0003	0.3681	2.9307	0.9999	0.9988
2.0899	1.0005	0.3681	2.9307	0.9999	0.9989
2.2153	1.0003	0.3681	2.9302	0.9999	0.9986
2.4577	1.0003	0.3682	2.9301	0.9999	0.9986

DEL = 0.1432 DELU= .0227 DEL*= .0475 CM
THETA= .00821 H = 5.787 UE = 630.9 M/SEC
RHOE= 0.2617 KG/M**3 RUN = 4145

MACH = 3.00 PO = 297.4 KPA TO = 313.7 K
ALPHA= 6.34 Z/O= 3.33 PHI= 30.
RPM= 0. PW = 8.19 KPA REL=7063259.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9237	0.9237	0.0000	0.0000	0.3946
0.0490	0.9696	0.7473	1.2195	0.5916	0.4878
0.0886	0.9746	0.6994	1.4025	0.6582	0.5211
0.1135	0.9769	0.6736	1.5004	0.6911	0.5410
0.1284	0.9788	0.6508	1.5874	0.7187	0.5599
0.1501	0.9806	0.6342	1.6525	0.7385	0.5747
0.1756	0.9829	0.6067	1.7609	0.7697	0.6008
0.2010	0.9842	0.5886	1.8334	0.7893	0.6192
0.2266	0.9866	0.5604	1.9505	0.8193	0.6505
0.2632	0.9885	0.5378	2.0469	0.8423	0.6778
0.2852	0.9895	0.5214	2.1187	0.8585	0.6991
0.3109	0.9905	0.5081	2.1786	0.9715	0.7173
0.3516	0.9917	0.4940	2.2445	0.8852	0.7380
0.4042	0.9924	0.4783	2.3183	0.8998	0.7620
0.4644	0.9935	0.4655	2.3816	0.9118	0.7831
0.5287	0.9943	0.4557	2.4311	0.9208	0.8000
0.5780	0.9951	0.4438	2.4923	0.9316	0.8215
0.6618	0.9959	0.4293	2.5691	0.9445	0.8491
0.7115	0.9965	0.4210	2.6142	0.9518	0.8658
0.7882	0.9973	0.4107	2.6726	0.9610	0.8878
0.8382	0.9978	0.4025	2.7197	0.9681	0.9059
0.9038	0.9985	0.3920	2.7813	0.9771	0.9300
0.9542	0.9990	0.3869	2.8124	0.9815	0.9424
1.0865	0.9995	0.3755	2.8800	0.9908	0.9699
1.2198	1.0000	0.3700	2.9182	0.9958	0.9856
1.3144	0.9999	0.3688	2.9249	0.9967	0.9884
1.4772	1.0001	0.3656	2.9461	0.9995	0.9973
1.9037	1.0001	0.3654	2.9469	0.9996	0.9977
2.2951	1.0003	0.3654	2.9475	0.9996	0.9979

DEL = 0.1557 DELL= .0212 DEL*= .0501 CM
THETA= .00965 H = 5.195 UE = 632.6 M/SEC
RHOE= 0.2512 KG/M**3 RUN = 4162

MACH = 3.00 PU = 298.5 KPA TU = 306.2 K
ALPHA= 6.34 Z/D= 3.33 PHI= 90.
RPM= 0. PW = 5.91 KPA REL=7371363.

Y/DEL	TT/TU	T/TU	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3733
0.0448	0.9671	0.7534	1.1908	0.5722	0.4564
0.0831	0.9719	0.7133	1.3463	0.6293	0.4823
0.1214	0.9785	0.6470	1.6004	0.7125	0.5317
0.1424	0.9803	0.6274	1.6759	0.7351	0.5484
0.1669	0.9821	0.6083	1.7528	0.7565	0.5657
0.2019	0.9849	0.5762	1.8834	0.7910	0.5974
0.2265	0.9864	0.5560	1.9592	0.8098	0.6166
0.2652	0.9890	0.5258	2.0985	0.8419	0.6547
0.3216	0.9913	0.4942	2.2425	0.8722	0.6965
0.3747	0.9927	0.4752	2.3336	0.8900	0.7245
0.4457	0.9939	0.4603	2.4075	0.9036	0.7480
0.5027	0.9948	0.4502	2.4595	0.9128	0.7650
0.5635	0.9960	0.4351	2.5390	0.9263	0.7917
0.6569	0.9977	0.4149	2.6501	0.9440	0.8305
0.7436	0.9987	0.3995	2.7384	0.9572	0.8625
0.8343	0.9997	0.3871	2.8129	0.9677	0.8903
0.9329	1.0006	0.3743	2.8925	0.9785	0.9209
1.0431	1.0014	0.3616	2.9744	0.9889	0.9532
1.1568	1.0020	0.3532	3.0304	0.9956	0.9758
1.2720	1.0025	0.3499	3.0539	0.9986	0.9855
1.4227	1.0026	0.3461	3.0804	1.0001	0.9905
1.5510	1.0027	0.3475	3.0705	1.0006	0.9923
1.6721	1.0029	0.3471	3.0733	1.0009	0.9935
1.7935	1.0031	0.3468	3.0761	1.0012	0.9947
1.9189	1.0034	0.3469	3.0760	1.0013	0.9948

DEL = 0.1699 DELU= .0235 DEL*= .0581 CM
THETA= .01032 H = 5.524 UE = 633.0 M/SEC
RHOE= 0.2306 KG/M**3 RUN = 4196

MACH = 3.00 PU = 298.5 KPA TU = 306.9 K
ALPHA= 6.34 Z/D= 3.33 PHI= 90.
RPM= 20000. PW = 5.91 KPA REL=7321955.

Y/DEL	TT/TU	T/TU	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3735
0.1225	0.9783	0.6425	1.5167	0.7165	0.5356
0.1436	0.9800	0.6234	1.5910	0.7382	0.5520
0.1577	0.9814	0.6119	1.7374	0.7513	0.5626
0.1683	0.9822	0.5976	1.7937	0.7667	0.5758
0.2037	0.9851	0.5661	1.9238	0.8002	0.6081
0.2265	0.9862	0.5501	1.9908	0.8163	0.6257
0.2675	0.9884	0.5233	2.1081	0.8430	0.6579
0.2888	0.9894	0.5069	2.1727	0.8566	0.6764
0.3601	0.9912	0.4841	2.2887	0.8803	0.7111
0.4173	0.9923	0.4669	2.3623	0.8942	0.7341
0.4927	0.9933	0.4574	2.4204	0.9046	0.7528
0.5685	0.9947	0.4392	2.5149	0.9211	0.7841
0.6300	0.9957	0.4245	2.5938	0.9340	0.8113
0.7136	0.9969	0.4067	2.5936	0.9494	0.8469
0.8160	0.9982	0.3883	2.5024	0.9651	0.8870
0.9263	0.9994	0.3726	2.9004	0.9783	0.9247
1.0410	1.0000	0.3603	2.9791	0.9883	0.9559
1.1509	1.0005	0.3514	3.0369	0.9956	0.9801
1.2984	1.0009	0.3486	3.0575	0.9974	0.9877
1.4351	1.0010	0.3473	3.0679	0.9990	0.9920
1.5532	1.0012	0.3467	3.0724	0.9996	0.9939
1.6983	1.0012	0.3463	3.0749	0.9999	0.9949
1.8054	1.0014	0.3462	3.0762	1.0000	0.9955
1.9357	1.0016	0.3459	3.0784	1.0003	0.9964

DEL = 0.1685 DELU= .0253 DEL*= .0586 CM
THETA= .00993 H = 5.497 UE = 635.1 M/SEC
RHOE= 0.2294 KG/M**3 RUN = 4197

MACH = 3.00 PO = 298.3 KPA TO = 307.8 K
ALPHA= 6.34 Z/D= 3.33 PHI= 120.
RPM= 0. PW = 5.09 KPA REL=7293396.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9171	0.9171	0.0000	0.0000	0.3367
0.0301	0.9587	0.7900	1.0334	0.4950	0.3909
0.0628	0.9656	0.7343	1.2549	0.5795	0.4205
0.0675	0.9708	0.6917	1.4206	0.6367	0.4465
0.1027	0.9752	0.6497	1.5827	0.6874	0.4754
0.1427	0.9801	0.5949	1.7993	0.7478	0.5192
0.1948	0.9841	0.5511	1.9818	0.7926	0.5606
0.2327	0.9864	0.5234	2.1031	0.8197	0.5904
0.2900	0.9885	0.4957	2.2296	0.8456	0.6234
0.3812	0.9905	0.4677	2.3642	0.8710	0.6607
0.4440	0.9921	0.4516	2.4464	0.8854	0.6846
0.5022	0.9933	0.4362	2.5271	0.8989	0.7089
0.5657	0.9945	0.4191	2.6202	0.9135	0.7378
0.6344	0.9955	0.4017	2.7186	0.9280	0.7696
0.6890	0.9965	0.3889	2.7951	0.9387	0.7951
0.7645	0.9978	0.3724	2.8975	0.9522	0.8304
0.8098	0.9985	0.3614	2.9690	0.9611	0.8558
0.8805	0.9994	0.3492	3.0514	0.9709	0.8858
0.9614	1.0003	0.3374	3.1345	0.9803	0.9169
1.0171	1.0011	0.3286	3.1985	0.9872	0.9415
1.0932	1.0019	0.3209	3.2577	0.9933	0.9647
1.1695	1.0021	0.3174	3.2842	0.9960	0.9752
1.3430	1.0023	0.3149	3.3040	0.9979	0.9831
1.5168	1.0026	0.3130	3.3187	0.9994	0.9890

DEL = 0.2534 DELL= .0361 DEL*= .0967 CM
THETA= .01554 H = 6.220 UE = 652.6 M/SEC
RHOE= 0.1879 KG/M**3 RUN = 4116

MACH = 3.00 PO = 298.5 KPA TO = 308.7 K
ALPHA= 6.34 Z/D= 3.33 PHI= 120.
RPM= 20000. PW = 5.09 KPA REL=7258276.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9171	0.9171	0.0000	0.0000	0.3374
0.0864	0.9722	0.6745	1.4857	0.6574	0.4588
0.1099	0.9761	0.6353	1.6379	0.7033	0.4872
0.1335	0.9790	0.6075	1.7486	0.7341	0.5096
0.1572	0.9814	0.5796	1.8618	0.7634	0.5342
0.2046	0.9846	0.5390	2.0332	0.8040	0.5744
0.2761	0.9878	0.4982	2.2167	0.8427	0.6214
0.3288	0.9891	0.4825	2.2911	0.8572	0.6417
0.3769	0.9900	0.4679	2.3621	0.8703	0.6617
0.4423	0.9913	0.4523	2.4408	0.8841	0.6846
0.5031	0.9926	0.4334	2.5400	0.9006	0.7145
0.5911	0.9944	0.4090	2.6751	0.9214	0.7572
0.6801	0.9958	0.3886	2.7954	0.9384	0.7971
0.7657	0.9970	0.3703	2.9089	0.9533	0.8363
0.8415	0.9979	0.3565	2.9995	0.9644	0.8688
0.9123	0.9987	0.3435	3.0880	0.9747	0.9015
0.9985	0.9998	0.3307	3.1807	0.9849	0.9368
1.1154	1.0003	0.3225	3.2419	0.9913	0.9607
1.1867	1.0006	0.3177	3.2787	0.9950	0.9753
1.2531	1.0008	0.3153	3.2967	0.9968	0.9825
1.3401	1.0009	0.3142	3.3057	0.9977	0.9861
1.4321	1.0011	0.3132	3.3140	0.9985	0.9894
1.5192	1.0011	0.3125	3.3192	0.9990	0.9915
1.5964	1.0014	0.3119	3.3247	0.9996	0.9937

DEL = 0.2530 DELL= .0379 DEL*= .0963 CM
THETA= .01503 H = 6.407 UE = 652.6 M/SEC
RHOE= 0.1868 KG/M**3 RUN = 4117

MACH = 3.00 PO = 297.4 KPA TO = 310.2 K
ALPHA= 6.34 Z/D= 3.33 PHI= 150.
RPM= 0. PW = 6.12 KPA REL=7171829.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9220	0.9220	0.0000	0.0000	0.3794
0.0218	0.9558	0.8391	0.8339	0.4238	0.4169
0.0337	0.9612	0.8060	0.9813	0.4887	0.4342
0.0524	0.9671	0.7569	1.1783	0.5688	0.4621
0.0848	0.9722	0.7101	1.3586	0.6352	0.4926
0.1156	0.9761	0.6713	1.5066	0.6849	0.5211
0.1328	0.9774	0.6571	1.5613	0.7022	0.5324
0.1535	0.9795	0.6340	1.6507	0.7293	0.5518
0.2314	0.9832	0.5896	1.8272	0.7784	0.5933
0.2855	0.9851	0.5689	1.9127	0.8004	0.6150
0.3453	0.9868	0.5468	2.0059	0.8229	0.6399
0.4019	0.9883	0.5265	2.0943	0.8431	0.6645
0.4679	0.9901	0.5020	2.2049	0.8667	0.6969
0.5135	0.9914	0.4863	2.2790	0.8816	0.7196
0.5846	0.9928	0.4660	2.3774	0.9003	0.7509
0.6413	0.9940	0.4488	2.4648	0.9160	0.7798
0.7092	0.9951	0.4320	2.5530	0.9309	0.8100
0.7662	0.9960	0.4184	2.6273	0.9428	0.8363
0.8269	0.9967	0.4048	2.7041	0.9545	0.8643
0.8842	0.9976	0.3914	2.7827	0.9659	0.8938
0.9526	0.9987	0.3773	2.8694	0.9778	0.9274
1.0155	0.9994	0.3660	2.9415	0.9872	0.9561
1.0655	1.0000	0.3594	2.9853	0.9927	0.9738
1.1399	1.0001	0.3540	3.0212	0.9971	0.9886
1.2071	1.0005	0.3515	3.0386	0.9992	0.9958

DEL = 0.3498 DELU= .0567 DEL*= .1357 CM
THETA= .02515 H = 5.397 UE = 636.3 M/SEC
RHOE= 0.1973 KG/M**3 RUN = 4123

MACH = 3.00 PO = 297.5 KPA TO = 310.4 K
ALPHA= 6.34 Z/D= 3.33 PHI= 150.
RPM= 20000. PW = 6.11 KPA REL=7162678.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9216	0.9216	0.0000	0.0000	0.3762
0.0570	0.9667	0.7564	1.1789	0.5676	0.4583
0.0807	0.9721	0.7071	1.3690	0.6373	0.4903
0.1130	0.9767	0.6614	1.5439	0.6951	0.5242
0.1351	0.9782	0.6437	1.6118	0.7159	0.5386
0.1642	0.9804	0.6157	1.7211	0.7477	0.5630
0.1985	0.9827	0.5936	1.8102	0.7720	0.5841
0.2243	0.9836	0.5815	1.8594	0.7849	0.5963
0.2571	0.9845	0.5683	1.9135	0.7986	0.6100
0.2866	0.9855	0.5580	1.9573	0.8093	0.6214
0.3092	0.9864	0.5494	1.9940	0.8181	0.6312
0.3442	0.9872	0.5379	2.0438	0.8297	0.6448
0.3704	0.9880	0.5278	2.0878	0.8395	0.6570
0.3950	0.9884	0.5196	2.1240	0.8475	0.6673
0.4640	0.9903	0.4967	2.2291	0.8695	0.6982
0.5128	0.9915	0.4795	2.3108	0.8856	0.7233
0.5816	0.9929	0.4595	2.4073	0.9036	0.7541
0.6378	0.9940	0.4428	2.4950	0.9189	0.7832
0.7051	0.9951	0.4245	2.5922	0.9349	0.8168
0.7598	0.9959	0.4119	2.6626	0.9459	0.8418
0.8237	0.9972	0.3973	2.7476	0.9585	0.8730
0.8750	0.9978	0.3854	2.8187	0.9685	0.8999
0.9392	0.9987	0.3747	2.8856	0.9776	0.9258
1.0088	0.9993	0.3645	2.9511	0.9860	0.9517
1.0622	0.9995	0.3585	2.9901	0.9909	0.9675
1.1286	1.0001	0.3547	3.0164	0.9941	0.9781
1.1878	1.0000	0.3521	3.0335	0.9962	0.9852
1.2509	1.0003	0.3507	3.0436	0.9974	0.9894

DEL = 0.3528 DELU= .0569 DEL*= .1346 CM
THETA= .02420 H = 5.561 UE = 637.9 M/SEC
RHOE= 0.1988 KG/M**3 RUN = 4124

MACH = 3.00 PO = 298.0 KPA TO = 310.4 K
ALPHA= 6.34 Z/D= 3.33 PHI= 170.
RPM= 0. PW = 6.59 KPA REL=7189323.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9229	0.9229	0.0000	0.0000	0.3872
0.0169	0.9548	0.8498	0.7861	0.4050	0.4205
0.0327	0.9639	0.7891	1.0524	0.5224	0.4528
0.0485	0.9685	0.7527	1.1973	0.5805	0.4748
0.0617	0.9720	0.7211	1.3192	0.6260	0.4956
0.0843	0.9755	0.6885	1.4438	0.6694	0.5192
0.1162	0.9789	0.6521	1.5830	0.7143	0.5482
0.1550	0.9813	0.6255	1.6865	0.7453	0.5715
0.1995	0.9834	0.6020	1.7800	0.7716	0.5929
0.2401	0.9845	0.5867	1.8412	0.7880	0.6092
0.2865	0.9862	0.5694	1.9132	0.8065	0.6280
0.3347	0.9875	0.5510	1.9903	0.8254	0.6489
0.3818	0.9886	0.5356	2.0565	0.8409	0.6675
0.4284	0.9901	0.5183	2.1336	0.8581	0.6899
0.4766	0.9913	0.5023	2.2062	0.8735	0.7119
0.5207	0.9922	0.4863	2.2806	0.8886	0.7351
0.5691	0.9936	0.4721	2.3501	0.9020	0.7576
0.6220	0.9945	0.4560	2.4298	0.9167	0.7841
0.6649	0.9954	0.4448	2.4877	0.9268	0.8040
0.7165	0.9963	0.4319	2.5561	0.9384	0.8280
0.7611	0.9971	0.4215	2.6131	0.9476	0.8486
0.8113	0.9978	0.4115	2.6693	0.9564	0.8694
0.8574	0.9984	0.4020	2.7234	0.9645	0.8897
0.9066	0.9992	0.3926	2.7793	0.9726	0.9112
0.9544	0.9999	0.3845	2.8288	0.9796	0.9306
1.0053	1.0003	0.3774	2.8728	0.9856	0.9482
1.0520	1.0006	0.3724	2.9041	0.9898	0.9608
1.1003	1.0011	0.3683	2.9310	0.9933	0.9718
1.1489	1.0014	0.3655	2.9497	0.9957	0.9795
1.1971	1.0013	0.3638	2.9603	0.9970	0.9839
1.2992	1.0018	0.3618	2.9744	0.9988	0.9897
1.3945	1.0023	0.3602	2.9853	1.0002	0.9943

DEL = 0.4504 DELU= .0690 DEL*= .1675 CM
THETA= .03190 H = 5.250 UE = 631.9 M/SEC
RHOE= 0.2083 KG/M**3 RUN = 4131

MACH = 3.00 PO = 298.1 KPA TO = 311.0 K
ALPHA= 6.34 Z/D= 3.33 PHI= 170.
RPM= 20000. PW = 6.60 KPA REL=7158643.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9229	0.9229	0.0000	0.0000	0.3871
0.0441	0.9680	0.7551	1.1873	0.5758	0.4731
0.0549	0.9701	0.7369	1.2577	0.6026	0.4848
0.0684	0.9728	0.7129	1.3500	0.6361	0.5012
0.0819	0.9750	0.6908	1.4343	0.6653	0.5172
0.1118	0.9778	0.6609	1.5486	0.7026	0.5406
0.1569	0.9813	0.6224	1.6980	0.7476	0.5741
0.2050	0.9833	0.6005	1.7852	0.7720	0.5951
0.2507	0.9848	0.5822	1.8594	0.7917	0.6138
0.2953	0.9861	0.5657	1.9276	0.8090	0.6317
0.3459	0.9875	0.5464	2.0093	0.8288	0.6541
0.3897	0.9888	0.5296	2.0824	0.8456	0.6748
0.4374	0.9900	0.5133	2.1550	0.8615	0.6962
0.4851	0.9912	0.4969	2.2304	0.8773	0.7193
0.5287	0.9923	0.4841	2.2909	0.8894	0.7383
0.5825	0.9931	0.4702	2.3580	0.9023	0.7601
0.6349	0.9945	0.4546	2.4367	0.9167	0.7863
0.6787	0.9951	0.4427	2.4980	0.9273	0.8074
0.7315	0.9960	0.4297	2.5668	0.9388	0.8317
0.7784	0.9967	0.4180	2.6314	0.9492	0.8552
0.8268	0.9972	0.4081	2.6863	0.9577	0.8756
0.8738	0.9980	0.3985	2.7425	0.9660	0.8969
0.9196	0.9986	0.3896	2.7956	0.9736	0.9174
0.9758	0.9994	0.3795	2.8581	0.9823	0.9421
1.0233	0.9997	0.3734	2.8962	0.9874	0.9574
1.0755	1.0001	0.3683	2.9287	0.9916	0.9707
1.1218	1.0003	0.3650	2.9501	0.9944	0.9795
1.1713	1.0004	0.3630	2.9628	0.9960	0.9847
1.2252	1.0005	0.3619	2.9701	0.9969	0.9878
1.2743	1.0007	0.3613	2.9749	0.9975	0.9898
1.3217	1.0005	0.3606	2.9790	0.9980	0.9915
1.4175	1.0006	0.3592	2.9882	0.9992	0.9953

DEL = 0.4412 DELU= .0691 DEL*= .1648 CM
THETA= .03119 H = 5.285 UE = 633.3 M/SEC
RHOE= 0.2076 KG/M**3 RUN = 4132

MACH = 3.00 PO = 296.5 KPA TO = 311.6 K
ALPHA= 6.34 Z/D= 3.33 PHI= 180.
RPM= 0. PW = 6.58 KPA REL=7122063.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.2899
0.0170	0.9561	0.8441	0.8147	0.4192	0.4264
0.0342	0.9646	0.7856	1.0675	0.5298	0.4582
0.0527	0.9697	0.7433	1.2341	0.5958	0.4842
0.0700	0.9737	0.7067	1.3744	0.6470	0.5094
0.0887	0.9764	0.6790	1.4799	0.6828	0.5302
0.1155	0.9797	0.6459	1.6076	0.7234	0.5575
0.1491	0.9820	0.6170	1.7198	0.7564	0.5835
0.1951	0.9843	0.5941	1.8120	0.7819	0.6061
0.2401	0.9859	0.5755	1.8882	0.8019	0.6238
0.2826	0.9873	0.5581	1.9607	0.8200	0.6457
0.3305	0.9885	0.5417	2.0310	0.8368	0.6650
0.3783	0.9895	0.5265	2.0970	0.8518	0.6840
0.4238	0.9908	0.5107	2.1682	0.8674	0.7053
0.4722	0.9921	0.4956	2.2379	0.8819	0.7268
0.5179	0.9931	0.4811	2.3067	0.8956	0.7488
0.5665	0.9944	0.4683	2.3699	0.9076	0.7695
0.6138	0.9950	0.4560	2.4310	0.9188	0.7901
0.6613	0.9957	0.4428	2.4988	0.9307	0.8136
0.7103	0.9968	0.4320	2.5565	0.9404	0.8341
0.7622	0.9975	0.4217	2.6127	0.9495	0.8546
0.8035	0.9982	0.4125	2.6648	0.9577	0.8739
0.8561	0.9989	0.4029	2.7195	0.9660	0.8946
0.8982	0.9995	0.3959	2.7608	0.9720	0.9105
0.9506	1.0002	0.3877	2.8105	0.9791	0.9300
0.9988	1.0006	0.3809	2.8523	0.9849	0.9467
1.0502	1.0010	0.3752	2.8878	0.9897	0.9610
1.1002	1.0014	0.3710	2.9149	0.9932	0.9721
1.1490	1.0018	0.3678	2.9354	0.9959	0.9806
1.2488	1.0022	0.3637	2.9630	0.9995	0.9920

DEL = 0.4484 DELL= .0656 DEL*= .1606 CM
THETA= .03099 H = 5.183 UE = 632.2 M/SEC
RHOE= 0.2060 KG/M**3 RUN = 4140

MACH = 3.00 PO = 296.5 KPA TO = 312.4 K
ALPHA= 6.34 Z/D= 3.33 PHI= 180.
RPM= 20000. PW = 6.58 KPA REL=7087340.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.2898
0.0464	0.9671	0.7683	1.1373	0.5576	0.4686
0.0534	0.9695	0.7407	1.2439	0.5989	0.4859
0.0758	0.9734	0.7096	1.3635	0.6425	0.5073
0.0892	0.9755	0.6895	1.4387	0.6684	0.5218
0.1040	0.9772	0.6720	1.5071	0.6910	0.5355
0.1526	0.9814	0.6231	1.6955	0.7487	0.5776
0.1962	0.9837	0.5974	1.7982	0.7774	0.6026
0.2455	0.9853	0.5778	1.8779	0.7984	0.6231
0.2897	0.9869	0.5595	1.9544	0.8176	0.6436
0.3266	0.9881	0.5444	2.0136	0.8330	0.6614
0.3818	0.9893	0.5254	2.1012	0.8519	0.6852
0.4232	0.9906	0.5100	2.1709	0.8670	0.7061
0.4762	0.9919	0.4922	2.2532	0.8841	0.7316
0.5207	0.9928	0.4787	2.3174	0.8967	0.7522
0.5696	0.9937	0.4667	2.3760	0.9078	0.7715
0.6229	0.9948	0.4533	2.4437	0.9201	0.7944
0.6692	0.9956	0.4412	2.5065	0.9311	0.8163
0.7097	0.9964	0.4321	2.5552	0.9392	0.8336
0.7605	0.9971	0.4210	2.6156	0.9490	0.8555
0.8084	0.9976	0.4108	2.6725	0.9579	0.8767
0.8593	0.9984	0.4006	2.7313	0.9667	0.8991
0.9031	0.9988	0.3943	2.7688	0.9722	0.9136
0.9587	0.9995	0.3852	2.8237	0.9799	0.9352
1.0028	0.9998	0.3788	2.8631	0.9853	0.9510
1.0499	1.0001	0.3741	2.8923	0.9892	0.9628
1.1031	1.0005	0.3695	2.9220	0.9932	0.9749
1.1461	1.0007	0.3662	2.9432	0.9959	0.9837
1.2039	1.0009	0.3637	2.9594	0.9980	0.9905
1.2494	1.0010	0.3625	2.9675	0.9990	0.9938
1.3054	1.0010	0.3614	2.9746	0.9999	0.9966

DEL = 0.4460 DELL= .0652 DEL*= .1615 CM
THETA= .03062 H = 5.273 UE = 633.4 M/SEC
RHOE= 0.2053 KG/M**3 RUN = 4141

MACH = 3.00 PO = 298.0 KPA TO = 310.1 K
ALPHA= 6.34 Z/D= 3.33 PHI= 190.
RPM= 0. PW = 6.59 KPA REL=7228310.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9230	0.9230	0.0000	0.0000	0.3882
0.0180	0.9539	0.8573	0.7507	0.3895	0.4181
0.0250	0.9578	0.8368	0.8504	0.4358	0.4284
0.0404	0.9643	0.7931	1.0391	0.5184	0.4521
0.0656	0.9713	0.7345	1.2696	0.6096	0.4882
0.0881	0.9750	0.7010	1.3979	0.6556	0.5116
0.1390	0.9802	0.6484	1.5995	0.7214	0.5532
0.1904	0.9833	0.6148	1.7310	0.7601	0.5835
0.2334	0.9846	0.5966	1.8030	0.7801	0.6012
0.2840	0.9864	0.5784	1.8783	0.7999	0.6204
0.3364	0.9879	0.5592	1.9577	0.8199	0.6416
0.3804	0.9891	0.5433	2.0256	0.8361	0.6604
0.4351	0.9908	0.5231	2.1143	0.8563	0.6861
0.4818	0.9922	0.5075	2.1851	0.8716	0.7073
0.5256	0.9935	0.4918	2.2584	0.8867	0.7300
0.5801	0.9948	0.4759	2.3348	0.9017	0.7546
0.6302	0.9959	0.4616	2.4055	0.9149	0.7780
0.6865	0.9971	0.4470	2.4804	0.9282	0.8036
0.7338	0.9980	0.4352	2.5427	0.9388	0.8255
0.7827	0.9990	0.4234	2.6071	0.9493	0.8487
0.8317	0.9997	0.4120	2.6705	0.9593	0.8721
0.8868	1.0008	0.4014	2.7325	0.9686	0.8956
0.9344	1.0013	0.3925	2.7847	0.9761	0.9157
0.9898	1.0021	0.3837	2.8387	0.9837	0.9370
1.0361	1.0025	0.3771	2.8797	0.9893	0.9535
1.0935	1.0031	0.3708	2.9199	0.9946	0.9698
1.1386	1.0034	0.3679	2.9391	0.9971	0.9777
1.1994	1.0036	0.3652	2.9561	0.9993	0.9847
1.2464	1.0038	0.3639	2.9652	1.0004	0.9885
1.2995	1.0041	0.3632	2.9705	1.0011	0.9907
1.3491	1.0048	0.3626	2.9758	1.0018	0.9930

DEL = 0.4226 DELL= .0674 DEL*= .1616 CM
THETA= .03031 H = 5.332 UE = 629.9 M/SEC
RHOE= 0.2084 KG/M**3 RUN = 4149

MACH = 3.00 PO = 298.1 KPA TO = 311.3 K
ALPHA= 6.34 Z/D= 3.33 PHI= 190.
RPM= 20000. PW = 6.60 KPA REL=7161563.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9231	0.9231	0.0000	0.0000	0.3888
0.0482	0.9636	0.7940	1.0334	0.5150	0.4521
0.0690	0.9702	0.7405	1.2454	0.5993	0.4848
0.0885	0.9739	0.7057	1.3784	0.6476	0.5088
0.1122	0.9771	0.6752	1.4951	0.6870	0.5318
0.1360	0.9791	0.6535	1.5784	0.7134	0.5495
0.1896	0.9823	0.6187	1.7141	0.7539	0.5805
0.2336	0.9838	0.6000	1.7884	0.7745	0.5986
0.2807	0.9853	0.5820	1.8615	0.7940	0.6171
0.3267	0.9867	0.5641	1.9353	0.8127	0.6367
0.3759	0.9881	0.5462	2.0112	0.8311	0.6575
0.4255	0.9896	0.5288	2.0874	0.8486	0.6794
0.4762	0.9910	0.5118	2.1636	0.8653	0.7020
0.5210	0.9919	0.4960	2.2358	0.8803	0.7242
0.5734	0.9932	0.4807	2.3090	0.8949	0.7475
0.6229	0.9944	0.4658	2.3819	0.9087	0.7714
0.6725	0.9952	0.4520	2.4514	0.9213	0.7950
0.7207	0.9962	0.4393	2.5177	0.9328	0.8180
0.7751	0.9971	0.4254	2.5922	0.9451	0.8447
0.8205	0.9978	0.4145	2.6529	0.9547	0.8670
0.8765	0.9990	0.4021	2.7241	0.9654	0.8939
0.9281	0.9994	0.3927	2.7795	0.9735	0.9153
0.9768	1.0002	0.3829	2.8390	0.9818	0.9388
1.0226	1.0005	0.3758	2.8832	0.9878	0.9565
1.0747	1.0009	0.3695	2.9228	0.9930	0.9727
1.1223	1.0013	0.3661	2.9454	0.9960	0.9820
1.1840	1.0016	0.3635	2.9626	0.9982	0.9891
1.2273	1.0016	0.3625	2.9692	0.9990	0.9919
1.2780	1.0017	0.3615	2.9759	0.9998	0.9947
1.3414	1.0017	0.3609	2.9799	1.0003	0.9964

DEL = 0.4276 DELL= .0719 DEL*= .1659 CM
THETA= .03086 H = 5.375 UE = 632.3 M/SEC
RHOE= 0.2070 KG/M**3 RUN = 4150

MACH = 3.00 PO = 297.4 KPA TO = 312.8 K
ALPHA= 6.34 Z/D= 3.33 PHI= 210.
RPM= 0. PW = 6.11 KPA REL=7105472.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3770
0.0222	0.9549	0.8430	0.8145	0.4145	0.4122
0.0429	0.9622	0.7957	1.0230	0.5057	0.4368
0.0653	0.9690	0.7421	1.2366	0.5903	0.4685
0.0895	0.9733	0.6995	1.3991	0.6485	0.4969
0.1242	0.9771	0.6604	1.5485	0.6974	0.5263
0.1555	0.9797	0.6341	1.6508	0.7284	0.5482
0.1817	0.9816	0.6118	1.7383	0.7535	0.5682
0.2450	0.9845	0.5784	1.8735	0.7895	0.6011
0.2981	0.9859	0.5585	1.9563	0.8101	0.6225
0.3604	0.9878	0.5369	2.0490	0.8319	0.6475
0.4179	0.9893	0.5165	2.1392	0.8519	0.6731
0.4756	0.9907	0.4965	2.2308	0.8710	0.7002
0.5356	0.9922	0.4767	2.3252	0.8895	0.7294
0.6062	0.9939	0.4572	2.4228	0.9075	0.7608
0.6640	0.9948	0.4407	2.5074	0.9222	0.7891
0.7293	0.9959	0.4238	2.5979	0.9371	0.8205
0.7892	0.9971	0.4089	2.6816	0.9500	0.8505
0.8492	0.9980	0.3950	2.7625	0.9619	0.8804
0.9075	0.9989	0.3833	2.8336	0.9718	0.9075
0.9659	0.9997	0.3730	2.8984	0.9805	0.9328
1.0358	1.0004	0.3623	2.9677	0.9894	0.9604
1.1075	1.0008	0.3563	3.0075	0.9943	0.9766
1.1624	1.0010	0.3530	3.0298	0.9970	0.9858
1.2936	1.0013	0.3505	3.0471	0.9991	0.9929

DEL = 0.3428 DELU= .0552 DEL*= .1325 CM
THETA= .02422 H = 5.471 UE = 639.6 M/SEC
RHOE= 0.1978 KG/M**3 RUN = 4158

MACH = 3.00 PO = 297.5 KPA TO = 313.2 K
ALPHA= 6.34 Z/D= 3.33 PHI= 210
RPM= 20000. PW = 6.11 KPA REL=7085' .

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3766
0.0602	0.9672	0.7541	1.1887	0.5717	0.4603
0.0831	0.9715	0.7155	1.3376	0.6266	0.4852
0.1144	0.9756	0.6759	1.4891	0.6780	0.5137
0.1474	0.9784	0.6454	1.6061	0.7146	0.5379
0.1689	0.9801	0.6282	1.6737	0.7346	0.5528
0.2005	0.9818	0.6082	1.7527	0.7569	0.5710
0.2321	0.9831	0.5930	1.8135	0.7734	0.5856
0.2892	0.9847	0.5711	1.9031	0.7965	0.6080
0.3415	0.9861	0.5506	1.9886	0.8173	0.6304
0.4045	0.9881	0.5272	2.0906	0.8407	0.6585
0.4576	0.9894	0.5091	2.1720	0.8583	0.6820
0.5092	0.9908	0.4903	2.2593	0.8761	0.7082
0.5673	0.9921	0.4710	2.3522	0.8940	0.7372
0.6309	0.9936	0.4528	2.4437	0.9106	0.7669
0.6910	0.9949	0.4355	2.5341	0.9260	0.7974
0.7425	0.9959	0.4213	2.6112	0.9385	0.8243
0.8064	0.9967	0.4055	2.6997	0.9520	0.8563
0.8688	0.9976	0.3915	2.7821	0.9640	0.8869
0.9313	0.9984	0.3790	2.8586	0.9745	0.9162
0.9689	0.9991	0.3712	2.9080	0.9811	0.9356
1.0422	0.9999	0.3612	2.9732	0.9894	0.9617
1.1032	1.0002	0.3554	3.0122	0.9942	0.9775
1.1607	1.0005	0.3519	3.0356	0.9970	0.9871
1.2203	1.0007	0.3503	3.0471	0.9984	0.9919
1.2818	1.0008	0.3492	3.0544	0.9993	0.9949
1.2800	1.0008	0.3492	3.0547	0.9993	0.9950

DEL = 0.3617 DELU= .0614 DEL*= .1421 CM
THETA= .02557 H = 5.597 UE = 640.5 M/SEC
RHOE= 0.1974 KG/M**3 RUN = 4159

MACH = 3.00 PO = 297.6 KPA TO = 313.1 K
ALPHA= 0.34 Z/D= 3.33 PHI= 240.
RPM= 0. PA = 5.08 KPA REL=7100835.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9168	0.9168	0.0000	0.0000	0.3341
0.0314	0.9615	0.7655	1.1316	0.5321	0.4002
0.0606	0.9685	0.7094	1.3498	0.6113	0.4316
0.0777	0.9723	0.6728	1.4926	0.6578	0.4553
0.0997	0.9751	0.6452	1.5989	0.6903	0.4744
0.1414	0.9799	0.5921	1.7896	0.7484	0.5174
0.1733	0.9827	0.5575	1.9530	0.7837	0.5496
0.2152	0.9852	0.5241	2.1750	0.8115	0.5792
0.2722	0.9878	0.4945	2.2334	0.8440	0.6197
0.3394	0.9894	0.4723	2.3396	0.8641	0.6488
0.3994	0.9908	0.4527	2.4378	0.8815	0.6758
0.4573	0.9923	0.4343	2.5344	0.8975	0.7056
0.5179	0.9933	0.4169	2.6294	0.9123	0.7351
0.5840	0.9946	0.4000	2.7282	0.9265	0.7662
0.6504	0.9958	0.3844	2.8199	0.9395	0.7974
0.7197	0.9968	0.3703	2.9084	0.9509	0.8278
0.7796	0.9974	0.3603	2.9737	0.9590	0.8509
0.8480	0.9981	0.3444	3.0507	0.9681	0.8798
0.9138	0.9990	0.3379	3.1274	0.9766	0.9073
0.9666	0.9995	0.3291	3.1918	0.9837	0.9317
1.0353	0.9999	0.3260	3.2149	0.9861	0.9405
1.1094	1.0003	0.3195	3.2639	0.9912	0.9597
1.1917	1.0007	0.3126	3.3175	0.9965	0.9809
1.2794	1.0009	0.3096	3.3397	0.9986	0.9898
1.3780	1.0013	0.3100	3.3390	0.9986	0.9895
1.4808	1.0011	0.3089	3.3473	0.9994	0.9928
1.5595	1.0014	0.3076	3.3570	1.0003	0.9968

DEL = 0.2424 DELO= .1330 DEL*= .0892 CM
THETA= .01434 M = 3.223 UE = 659.6 M/SEC
RHOE= 0.1854 KG/M**3 RUN = 4164

MACH = 3.00 PO = 297.5 KPA TO = 313.5 K
ALPHA= 0.34 Z/D= 3.33 PHI= 240.
RPM= 20000. PA = 5.08 KPA REL=7079093.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9167	0.9167	0.0000	0.0000	0.3340
0.0943	0.9719	0.5790	1.4796	0.6535	0.4529
0.1166	0.9754	0.6313	1.5533	0.7056	0.4851
0.1430	0.9787	0.6806	1.7505	0.7325	0.5047
0.1724	0.9814	0.5756	1.8766	0.7649	0.5319
0.2042	0.9833	0.5527	1.9737	0.7881	0.5542
0.2313	0.9852	0.5287	2.0777	0.8115	0.5793
0.2979	0.9875	0.4950	2.2304	0.8430	0.6166
0.3549	0.9892	0.4752	2.3257	0.8611	0.6445
0.4122	0.9906	0.4560	2.4211	0.8782	0.6717
0.4824	0.9920	0.4359	2.5253	0.8956	0.7026
0.5403	0.9931	0.4196	2.5140	0.9095	0.7299
0.6087	0.9945	0.4012	2.7192	0.9251	0.7635
0.6621	0.9954	0.3863	2.7960	0.9357	0.7889
0.7311	0.9964	0.3726	2.8922	0.9464	0.8214
0.7936	0.9974	0.3603	2.9731	0.9565	0.8503
0.8407	0.9979	0.3525	3.0257	0.9647	0.8692
0.9350	0.9991	0.3363	3.1390	0.9775	0.9112
1.0138	0.9996	0.3246	3.2233	0.9865	0.9434
1.0902	1.0002	0.3176	3.2755	0.9921	0.9650
1.1957	1.0004	0.3116	3.3231	0.9965	0.9825
1.2855	1.0007	0.3096	3.3405	0.9982	0.9896
1.3731	1.0008	0.3085	3.3493	0.9990	0.9931
1.4607	1.0008	0.3077	3.3558	0.9997	0.9954
1.5535	1.0009	0.3073	3.3595	1.0000	0.9973

DEL = 0.2438 DELO= .0575 DEL*= .0943 CM
THETA= .01442 M = 3.240 UE = 650.5 M/SEC
RHOE= 0.1850 KG/M**3 RUN = 4165

MACH = 3.00 PO = 298.6 KPA TO = 310.0 K
ALPHA= 6.34 Z/D= 3.33 PHI= 300.
RPM= 0. PW = 6.91 KPA REL=7201766.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3642
0.0436	0.9671	0.7467	1.2151	0.5762	0.4490
0.0904	0.9708	0.7118	1.3489	0.6246	0.4709
0.1105	0.9739	0.6834	1.4576	0.6613	0.4905
0.1508	0.9769	0.6493	1.5882	0.7024	0.5162
0.1778	0.9802	0.6142	1.7264	0.7425	0.5458
0.2317	0.9830	0.5815	1.8579	0.7775	0.5765
0.2656	0.9851	0.5520	1.9806	0.8077	0.6072
0.2724	0.9874	0.5270	2.0901	0.8326	0.6362
0.3131	0.9894	0.5001	2.2118	0.8583	0.6704
0.3778	0.9918	0.4700	2.3558	0.8862	0.7135
0.4256	0.9922	0.4604	2.4034	0.8949	0.7283
0.4835	0.9934	0.4431	2.4920	0.9103	0.7567
0.5389	0.9937	0.4371	2.5233	0.9155	0.7670
0.6149	0.9951	0.4184	2.6254	0.9319	0.8014
0.6703	0.9964	0.4039	2.7084	0.9444	0.8304
0.7155	0.9967	0.3972	2.7468	0.9499	0.8442
0.7609	0.9970	0.3915	2.7809	0.9548	0.8566
0.8238	0.9981	0.3747	2.8840	0.9687	0.8949
0.8941	0.9987	0.3648	2.9478	0.9769	0.9193
0.9505	0.9991	0.3598	2.9806	0.9810	0.9321
1.0709	1.0001	0.3464	3.0717	0.9919	0.9683
1.1997	1.0004	0.3406	3.1125	0.9966	0.9849
1.3164	1.0004	0.3379	3.1310	0.9987	0.9924
1.4187	1.0006	0.3374	3.1353	0.9991	0.9942
1.5578	1.0009	0.3366	3.1415	0.9998	0.9968
1.6606	1.0007	0.3364	3.1421	0.9999	0.9971
1.8003	1.0007	0.3363	3.1431	1.0000	0.9974
1.8962	1.0009	0.3361	3.1446	1.0002	0.9981
2.0218	1.0009	0.3360	3.1456	1.0003	0.9985

DEL = 0.1748 DELL= .0254 DEL*= .0621 CM
THETA= .01082 H = 5.742 UE = 643.0 M/SEC
RHOE= 0.2320 KG/M**3 RUN = 4120

MACH = 3.00 PO = 298.4 KPA TO = 310.3 K
ALPHA= 6.34 Z/D= 3.33 PHI= 300.
RPM= 20000. PW = 6.91 KPA REL=7190768.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3644
0.1385	0.9753	0.6641	1.5307	0.6845	0.5048
0.1792	0.9789	0.6279	1.6733	0.7273	0.5344
0.2063	0.9818	0.5957	1.8003	0.7623	0.5630
0.2404	0.9838	0.5709	1.9017	0.7883	0.5874
0.2745	0.9856	0.5461	2.0058	0.8133	0.6140
0.3224	0.9880	0.5111	2.1599	0.8474	0.6559
0.3773	0.9905	0.4795	2.3082	0.8770	0.6992
0.4324	0.9922	0.4588	2.4107	0.8959	0.7309
0.4946	0.9931	0.4457	2.4782	0.9077	0.7525
0.5570	0.9938	0.4344	2.5373	0.9175	0.7719
0.6267	0.9948	0.4196	2.6178	0.9304	0.7992
0.7247	0.9961	0.4005	2.7268	0.9468	0.8374
0.7950	0.9970	0.3861	2.8126	0.9589	0.8686
0.8940	0.9981	0.3695	2.9166	0.9726	0.9077
0.9722	0.9990	0.3581	2.9916	0.9820	0.9368
1.0507	0.9996	0.3482	3.0587	0.9901	0.9634
1.2018	1.0001	0.3405	3.1122	0.9962	0.9851
1.3267	1.0002	0.3378	3.1310	0.9983	0.9928
1.5405	1.0003	0.3367	3.1394	0.9993	0.9963
1.6736	1.0001	0.3363	3.1415	0.9995	0.9972
1.8145	1.0005	0.3363	3.1422	0.9996	0.9975
1.9409	1.0003	0.3361	3.1434	0.9997	0.9980

DEL = 0.1734 DELL= .0292 DEL*= .0647 CM
THETA= .01042 H = 6.210 UE = 643.5 M/SEC
RHOE= 0.2318 KG/M**3 RUN = 4121

MACH = 3.00 PO = 298.3 KPA TO = 310.5 K
ALPHA= 6.34 Z/D= 3.33 PHI= 330.
RPM= 0. PW = 8.22 KPA REL=7193185.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.3902
0.0508	0.9693	0.7428	1.2349	0.5958	0.4848
0.0889	0.9726	0.7143	1.3447	0.6361	0.5042
0.1079	0.9759	0.6811	1.4708	0.6794	0.5287
0.1347	0.9775	0.6613	1.5462	0.7038	0.5445
0.1735	0.9812	0.6224	1.6978	0.7497	0.5787
0.2047	0.9832	0.5984	1.7929	0.7763	0.6018
0.2320	0.9853	0.5739	1.8931	0.8027	0.6276
0.2594	0.9869	0.5559	1.9687	0.8215	0.6481
0.2829	0.9881	0.5350	2.0580	0.8425	0.6732
0.3103	0.9895	0.5192	2.1279	0.8582	0.6937
0.3457	0.9916	0.4940	2.2442	0.8826	0.7294
0.4008	0.9930	0.4751	2.3347	0.9004	0.7585
0.4601	0.9941	0.4614	2.4026	0.9131	0.7811
0.5314	0.9946	0.4513	2.4533	0.9222	0.7984
0.5911	0.9951	0.4429	2.4970	0.9298	0.8137
0.6590	0.9960	0.4324	2.5528	0.9392	0.8335
0.7231	0.9966	0.4230	2.6041	0.9476	0.8521
0.8116	0.9977	0.4087	2.6844	0.9601	0.8820
0.8479	0.9982	0.4017	2.7250	0.9662	0.8975
0.9288	0.9988	0.3886	2.8019	0.9773	0.9274
0.9938	0.9997	0.3804	2.8533	0.9844	0.9479
1.0631	1.0001	0.3734	2.8967	0.9903	0.9655
1.1204	1.0002	0.3692	2.9235	0.9938	0.9764
1.1983	1.0006	0.3658	2.9456	0.9966	0.9856
1.3427	1.0008	0.3629	2.9647	0.9991	0.9936
1.4841	1.0008	0.3621	2.9697	0.9997	0.9956
1.6072	1.0008	0.3620	2.9702	0.9998	0.9958
1.7349	1.0009	0.3617	2.9721	1.0000	0.9967
1.9098	1.0010	0.3618	2.9721	1.0000	0.9967
2.0423	1.0010	0.3618	2.9724	1.0000	0.9968
2.1794	1.0010	0.3618	2.9724	1.0000	0.9968
2.3341	1.0012	0.3617	2.9735	1.0002	0.9972
2.4675	1.0012	0.3617	2.9735	1.0002	0.9973

DEL = 0.1500 DELU= .0213 DEL*= .0504 CM
THETA= .00949 H = 5.313 UE = 631.0 M/SEC
RHOE= 0.2568 KG/M**3 RUN = 4129

MACH = 3.00 PO = 298.4 KPA TO = 310.8 K
ALPHA= 6.34 Z/D= 3.33 PHI= 330.
RPM= 20000. PW = 8.22 KPA REL=717114C.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9233	0.9233	0.0000	0.0000	0.3904
0.1213	0.9768	0.6712	1.5086	0.6914	0.5369
0.1326	0.9782	0.6580	1.5598	0.7077	0.5478
0.1632	0.9808	0.6285	1.6743	0.7424	0.5735
0.2015	0.9833	0.6011	1.7830	0.7732	0.5998
0.2361	0.9855	0.5728	1.8983	0.8035	0.6294
0.2631	0.9873	0.5497	1.9950	0.8273	0.6558
0.3210	0.9894	0.5196	2.1260	0.8573	0.6937
0.3443	0.9906	0.5029	2.2019	0.8735	0.7167
0.3792	0.9916	0.4889	2.2675	0.8868	0.7373
0.4414	0.9933	0.4693	2.3630	0.9053	0.7684
0.5272	0.9941	0.4552	2.4332	0.9182	0.7921
0.5821	0.9947	0.4464	2.4781	0.9261	0.8076
0.6568	0.9958	0.4332	2.5483	0.9380	0.8324
0.7120	0.9959	0.4228	2.6033	0.9470	0.8524
0.7793	0.9971	0.4095	2.6762	0.9584	0.8795
0.8548	0.9976	0.3991	2.7385	0.9677	0.9032
0.9066	0.9984	0.3900	2.7928	0.9755	0.9244
0.9786	0.9991	0.3808	2.8496	0.9834	0.9470
1.0348	0.9994	0.3761	2.8785	0.9873	0.9587
1.1840	1.0000	0.3660	2.9428	0.9957	0.9851
1.3222	1.0000	0.3630	2.9625	0.9983	0.9933
1.4572	1.0001	0.3620	2.9688	0.9991	0.9959
1.5826	1.0003	0.3616	2.9716	0.9994	0.9971
1.7209	1.0003	0.3614	2.9730	0.9996	0.9977
1.8763	1.0005	0.3614	2.9735	0.9997	0.9979
2.1587	1.0003	0.3612	2.9741	0.9997	0.9981
2.4297	1.0003	0.3611	2.9752	0.9999	0.9986

DEL = 0.1524 DELU= .0237 DEL*= .0522 CM
THETA= .00933 H = 5.595 UE = 631.6 M/SEC
RHOE= 0.2562 KG/M**3 RUN = 4130

MACH = 3.00 PO = 297.8 KPA TO = 309.6 K
ALPHA= 0.00 Z/D= 4.44 PHI= 0.
RPM= 0. PW = 7.07 KPA REL=7463871.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3742
0.0292	0.9590	0.8114	0.9534	0.4746	0.4247
0.0465	0.9630	0.7859	1.0616	0.5199	0.4385
0.0572	0.9658	0.7592	1.1666	0.5617	0.4539
0.0770	0.9702	0.7267	1.2945	0.6096	0.4745
0.0923	0.9720	0.7061	1.3721	0.6371	0.4882
0.1143	0.9747	0.6750	1.4900	0.6765	0.5105
0.1364	0.9768	0.6594	1.5511	0.6959	0.5228
0.1762	0.9800	0.6229	1.6932	0.7383	0.5535
0.2051	0.9812	0.6027	1.7721	0.7603	0.5718
0.2407	0.9837	0.5863	1.8408	0.7785	0.5883
0.2809	0.9844	0.5679	1.9147	0.7973	0.6070
0.3213	0.9853	0.5539	1.9735	0.8116	0.6222
0.3595	0.9871	0.5403	2.0336	0.8257	0.6384
0.3980	0.9872	0.5281	2.0849	0.8372	0.6526
0.4297	0.9886	0.5178	2.1321	0.8476	0.6659
0.4752	0.9890	0.5044	2.1917	0.8601	0.6833
0.5071	0.9895	0.4929	2.2452	0.8710	0.6992
0.5484	0.9914	0.4784	2.3156	0.8848	0.7208
0.5875	0.9927	0.4632	2.3907	0.8988	0.7446
0.6197	0.9933	0.4513	2.4504	0.9094	0.7641
0.6614	0.9936	0.4385	2.5157	0.9206	0.7859
0.6985	0.9946	0.4272	2.5771	0.9307	0.8070
0.7428	0.9960	0.4143	2.6496	0.9420	0.8325
0.7802	0.9965	0.4052	2.7012	0.9498	0.8511
0.8394	0.9968	0.3901	2.7885	0.9624	0.8835
0.9016	0.9979	0.3789	2.8581	0.9720	0.9100
0.9520	0.9980	0.3706	2.9092	0.9787	0.9298
1.0120	0.9986	0.3611	2.9710	0.9866	0.9544
1.0770	0.9995	0.3535	3.0227	0.9929	0.9753
1.1372	0.9994	0.3491	3.0517	0.9964	0.9872
1.2169	0.9996	0.3460	3.0729	0.9989	0.9960
1.2992	1.0000	0.3451	3.0801	0.9997	0.9989
1.3623	0.9996	0.3446	3.0826	1.0000	1.0000
1.4546	1.0004	0.3447	3.0841	1.0002	1.0006
1.6078	0.9998	0.3445	3.0838	1.0001	1.0005
1.8554	1.0002	0.3450	3.0813	0.9999	0.9995

DEL = 0.2663 DELL= .0441 DEL*= .1046 CM
THETA= .01894 H = 5.524 UE = 638.2 M/SEC
RHOE= 0.2303 KG/M**3 RUN = 2074

MACH = 3.00 PO = 298.1 KPA TO = 308.9 K
ALPHA= 0.00 Z/D= 4.44 PHI= 30.
RPM= 0. PW = 7.08 KPA REL=7489394.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3752
0.0296	0.9551	0.8384	0.8341	0.4221	0.4123
0.0500	0.9629	0.7862	1.0598	0.5194	0.4397
0.0787	0.9693	0.7321	1.2730	0.6019	0.4722
0.0932	0.9717	0.7110	1.3543	0.6310	0.4863
0.1283	0.9766	0.6597	1.5499	0.6957	0.5240
0.1662	0.9792	0.6309	1.6615	0.7293	0.5480
0.1959	0.9808	0.6123	1.7345	0.7501	0.5645
0.2341	0.9820	0.5952	1.8025	0.7686	0.5807
0.3088	0.9834	0.5767	1.8776	0.7882	0.5992
0.3432	0.9854	0.5536	1.9747	0.8121	0.6243
0.3755	0.9863	0.5444	2.0147	0.8215	0.6351
0.4122	0.9872	0.5285	2.0833	0.8371	0.6540
0.4470	0.9882	0.5157	2.1402	0.8495	0.6702
0.4840	0.9893	0.4990	2.2165	0.8654	0.6925
0.5211	0.9906	0.4859	2.2788	0.8779	0.7114
0.5781	0.9915	0.4645	2.3816	0.8973	0.7438
0.6377	0.9929	0.4494	2.4592	0.9111	0.7691
0.6865	0.9940	0.4303	2.5593	0.9280	0.8031
0.7467	0.9949	0.4139	2.6491	0.9422	0.8347
0.8004	0.9959	0.3996	2.7314	0.9545	0.8646
0.8545	0.9966	0.3886	2.7969	0.9638	0.8891
0.9074	0.9973	0.3775	2.8648	0.9731	0.9151
0.9695	0.9981	0.3677	2.9280	0.9813	0.9399
1.0341	0.9985	0.3585	2.9876	0.9888	0.9638
1.0895	0.9992	0.3528	3.0266	0.9936	0.9756
1.1566	0.9991	0.3483	3.0567	0.9972	0.9921
1.2425	0.9992	0.3465	3.0692	0.9987	0.9972
1.3192	0.9992	0.3459	3.0732	0.9991	0.9989
1.3984	0.9993	0.3456	3.0754	0.9994	0.9998
1.4778	0.9994	0.3455	3.0760	0.9995	1.0001
1.5595	0.9994	0.3455	3.0766	0.9995	1.0003
1.6297	0.9993	0.3454	3.0766	0.9995	1.0003
1.8677	0.9994	0.3455	3.0763	0.9995	1.0002
2.2697	0.9993	0.3454	3.0769	0.9996	1.0005
2.6754	0.9993	0.3454	3.0763	0.9995	1.0002
3.0647	.9993	0.3454	3.0766	0.9995	1.0003
3.4546	0.9993	0.3452	3.0779	0.9997	1.0008
3.8474	0.9993	0.3454	3.0766	0.9995	1.0003
4.2141	0.9993	0.3453	3.0775	0.9996	1.0007

DEL = 0.2772 DELL= .0472 DEL*= .1059 CM
THETA= .01984 H = 5.537 UE = 637.4 M/SEC
RHOE= 0.2313 KG/M**3 RUN = 2027

MACH = 3.00 PO = 298.5 KPA TO = 304.3 K
ALPHA= 0.00 Z/D= 4.44 PHI= 60.
RPM= 0. PW = 7.09 KPA REL=7681142.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9216	0.9216	0.0000	0.0000	0.3762
0.0253	0.9609	0.8031	0.9912	0.4915	0.4317
0.0319	0.9641	0.7788	1.0909	0.5327	0.4451
0.0494	0.9681	0.7470	1.2164	0.5817	0.4641
0.0626	0.9713	0.7185	1.3264	0.6221	0.4826
0.1027	0.9760	0.6705	1.5094	0.6839	0.5171
0.1408	0.9783	0.6437	1.6123	0.7158	0.5386
0.1722	0.9796	0.6268	1.6778	0.7351	0.5530
0.2105	0.9813	0.6100	1.7446	0.7540	0.5682
0.2558	0.9829	0.5898	1.8255	0.7758	0.5877
0.3104	0.9849	0.5681	1.9152	0.7987	0.6103
0.3721	0.9867	0.5422	2.0248	0.8250	0.6394
0.4249	0.9880	0.5228	2.1092	0.8440	0.6620
0.4803	0.9897	0.5017	2.2052	0.8644	0.6909
0.5198	0.9909	0.4882	2.2691	0.8772	0.7103
0.5593	0.9917	0.4736	2.3389	0.8907	0.7320
0.5990	0.9926	0.4607	2.4028	0.9024	0.7525
0.6342	0.9932	0.4495	2.4572	0.9121	0.7704
0.6765	0.9942	0.4371	2.5244	0.9235	0.7921
0.7142	0.9949	0.4272	2.5777	0.9323	0.8115
0.7521	0.9954	0.4170	2.6336	0.9411	0.8313
0.7972	0.9962	0.4061	2.6951	0.9505	0.8534
0.8331	0.9967	0.3994	2.7343	0.9563	0.8679
0.8720	0.9973	0.3907	2.7863	0.9637	0.8874
0.9401	0.9982	0.3757	2.8782	0.9762	0.9227
1.0059	0.9989	0.3642	2.9520	0.9858	0.9519
1.0792	0.9997	0.3549	3.0137	0.9934	0.9768
1.1624	1.0000	0.3502	3.0455	0.9973	0.9899
1.2458	0.9999	0.3478	3.0618	0.9992	0.9967
1.3294	0.9998	0.3471	3.0665	0.9998	0.9986
1.4848	1.0002	0.3470	3.0681	1.0000	0.9993
1.8970	1.0002	0.3471	3.0671	0.9998	0.9989
2.3194	1.0000	0.3470	3.0671	0.9998	0.9989
2.7483	1.0002	0.3471	3.0671	0.9998	0.9989
3.1697	1.0002	0.3468	3.0693	1.0001	0.9998
3.5821	1.0004	0.3469	3.0690	1.0001	0.9997
3.9947	1.0000	0.3468	3.0690	1.0000	0.9997
4.3868	1.0002	0.3472	3.0665	0.9998	0.9986

DEL = 0.2622 DELU= .0427 DEL*= .1030 CM
THETA= .01898 H = 5.428 UE = 631.8 M/SEC
RHOE= 0.2340 KG/M**3 RUN = 2038

MACH = 3.00 PO = 297.0 KPA TO = 309.4 K
ALPHA= 0.00 Z/D= 4.44 PHI= 90.
RPM= 0. PW = 7.08 KPA REL=7473903.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9219	0.9219	0.0000	0.0000	0.3788
0.0317	0.9594	0.8166	0.9349	0.4682	0.4276
0.0406	0.9603	0.8062	0.9778	0.4867	0.4330
0.0563	0.9648	0.7723	1.1162	0.5438	0.4519
0.0743	0.9698	0.7304	1.2803	0.6065	0.4780
0.0922	0.9734	0.7002	1.3967	0.6477	0.4988
0.1148	0.9753	0.6787	1.4781	0.6749	0.5145
0.1351	0.9773	0.6573	1.5603	0.7011	0.5313
0.1645	0.9802	0.6288	1.6718	0.7346	0.5555
0.2053	0.9812	0.6057	1.7606	0.7597	0.5761
0.2646	0.9845	0.5757	1.8843	0.7924	0.6066
0.3196	0.9861	0.5527	1.9800	0.8159	0.6318
0.3817	0.9869	0.5341	2.0591	0.8343	0.6535
0.4373	0.9881	0.5164	2.1371	0.8515	0.6757
0.5007	0.9898	0.4985	2.2199	0.8689	0.7002
0.5553	0.9909	0.4825	2.2951	0.8838	0.7233
0.6123	0.9924	0.4640	2.3862	0.9010	0.7524
0.6765	0.9937	0.4437	2.4897	0.9193	0.7868
0.7337	0.9942	0.4255	2.5852	0.9351	0.8199
0.7838	0.9951	0.4127	2.6562	0.9462	0.8453
0.8556	0.9971	0.3953	2.7588	0.9615	0.8832
0.9131	0.9975	0.3827	2.8343	0.9720	0.9121
0.9779	0.9983	0.3704	2.9114	0.9823	0.9424
1.0331	0.9995	0.3630	2.9611	0.9886	0.9623
1.0885	0.9992	0.3562	3.0044	0.9940	0.9800
1.1486	1.0002	0.3524	3.0316	0.9973	0.9912
1.2040	0.9996	0.3500	3.0463	0.9991	0.9973
1.2668	0.9993	0.3489	3.0532	0.9999	1.0002
1.3345	0.9999	0.3484	3.0575	1.0004	1.0020
1.3855	0.9999	0.3481	3.0597	1.0007	1.0029
1.4609	0.9994	0.3477	3.0613	1.0009	1.0035
1.5397	0.9999	0.3478	3.0616	1.0009	1.0037
1.9316	0.9992	0.3476	3.0613	1.0009	1.0035
2.3373	1.0010	0.3482	3.0619	1.0009	1.0038
2.7361	0.9997	0.3477	3.0619	1.0009	1.0035
3.1478	0.9999	0.3479	3.0613	1.0009	1.0036
3.5409	0.9997	0.3479	3.0610	1.0008	1.0034
3.9442	0.9999	0.3482	3.0588	1.0006	1.0025

DEL = 0.2689 DELU= .0449 DEL*= .1058 CM
THETA= .01945 H = 5.441 UE = 636.2 M/SEC
RHOE= 0.2291 KG/M**3 RUN = 2059

MACH = 3.00 PO = 297.8 KPA TO = 309.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 0.
RPM= 0. PW = 7.51 KPA REL=7457849.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9223	0.9223	0.0000	0.0000	0.3818
0.0328	0.9643	0.7833	1.0749	0.5286	0.4497
0.0627	0.9704	0.7360	1.2619	0.6014	0.4788
0.0957	0.9734	0.7023	1.3894	0.6469	0.5015
0.1123	0.9754	0.6784	1.4795	0.6772	0.5190
0.1402	0.9794	0.6429	1.6180	0.7207	0.5481
0.1625	0.9815	0.6190	1.7112	0.7479	0.5692
0.1876	0.9821	0.6023	1.7755	0.7658	0.5845
0.2353	0.9843	0.5781	1.8744	0.7920	0.6091
0.2718	0.9865	0.5599	1.9516	0.8112	0.6293
0.3254	0.9877	0.5444	2.0178	0.8270	0.6473
0.3679	0.9880	0.5324	2.0687	0.8387	0.6616
0.4105	0.9894	0.5187	2.1302	0.8523	0.6793
0.4675	0.9908	0.5024	2.2046	0.8680	0.7014
0.5133	0.9919	0.4871	2.2760	0.8824	0.7234
0.5621	0.9925	0.4728	2.3444	0.8956	0.7451
0.6053	0.9938	0.4617	2.4008	0.9060	0.7635
0.6602	0.9952	0.4444	2.4892	0.9216	0.7932
0.7096	0.9955	0.4313	2.5575	0.9331	0.8169
0.7532	0.9960	0.4183	2.6280	0.9444	0.8421
0.8293	0.9974	0.3994	2.7362	0.9607	0.8820
0.8910	0.9978	0.3867	2.8112	0.9714	0.9107
0.9707	0.9990	0.3741	2.8902	0.9821	0.9417
1.0389	0.9998	0.3666	2.9386	0.9884	0.9611
1.1420	1.0000	0.3580	2.9943	0.9954	0.9839
1.2544	0.9999	0.3544	3.0179	0.9983	0.9937
1.3609	1.0003	0.3531	3.0275	0.9995	0.9977
1.4433	1.0005	0.3527	3.0304	0.9998	0.9989
1.5442	0.9994	0.3521	3.0319	1.0000	0.9996
1.6485	1.0000	0.3522	3.0325	1.0001	0.9998
1.7498	1.0004	0.3522	3.0331	1.0002	1.0001
1.8576	1.0004	0.3522	3.0331	1.0002	1.0001
2.0609	1.0000	0.3522	3.0328	1.0001	0.9999
2.3683	1.0007	0.3526	3.0317	1.0000	0.9994
2.8948	1.0003	0.3522	3.0334	1.0002	1.0002
3.4299	1.0009	0.3523	3.0337	1.0002	1.0003
3.9525	1.0002	0.3520	3.0346	1.0003	1.0007
4.4759	1.0004	0.3520	3.0346	1.0003	1.0007
4.9603	1.0002	0.3519	3.0352	1.0004	1.0009
5.4682	1.0002	0.3520	3.0340	1.0003	1.0004

DEL = 0.2103 DELL= .0330 DEL*= .0792 CM
THETA= .01480 H = 5.350 UE = 634.7 M/SEC
RHOE= 0.2395 KG/M**3 RUN = 2070

MACH = 3.00 PO = 297.9 KPA TO = 309.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 0.
RPM= 20000. PW = 7.51 KPA REL=7456094.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9222	0.9222	0.0000	0.0000	0.3812
0.0803	0.9716	0.7171	1.3322	0.6264	0.4902
0.0939	0.9721	0.7056	1.3743	0.6412	0.4979
0.1103	0.9751	0.6807	1.4707	0.6738	0.5164
0.1376	0.9781	0.6548	1.5713	0.7059	0.5371
0.1650	0.9801	0.6299	1.6673	0.7347	0.5582
0.1869	0.9816	0.6108	1.7422	0.7561	0.5756
0.2034	0.9831	0.5996	1.7881	0.7686	0.5866
0.2282	0.9838	0.5831	1.8537	0.7860	0.6029
0.2503	0.9849	0.5741	1.8915	0.7957	0.6125
0.2696	0.9854	0.5608	1.9456	0.8091	0.6267
0.3250	0.9868	0.5411	2.0295	0.8291	0.6495
0.3667	0.9890	0.5286	2.0870	0.8422	0.6657
0.4113	0.9891	0.5174	2.1348	0.8526	0.6795
0.4365	0.9894	0.5073	2.1800	0.8623	0.6929
0.5038	0.9913	0.4868	2.2764	0.8819	0.7223
0.5546	0.9920	0.4736	2.3397	0.8941	0.7424
0.5998	0.9930	0.4589	2.4124	0.9075	0.7661
0.6453	0.9938	0.4472	2.4721	0.9180	0.7861
0.6794	0.9951	0.4366	2.5293	0.9277	0.8057
0.7423	0.9961	0.4214	2.6111	0.9410	0.8346
0.7853	0.9965	0.4101	2.6736	0.9507	0.8573
0.8342	0.9977	0.3994	2.7368	0.9601	0.8808
0.9093	0.9986	0.3828	2.8363	0.9741	0.9150
0.9790	0.9987	0.3722	2.9012	0.9828	0.9446
1.0555	0.9993	0.3633	2.9587	0.9902	0.9678
1.1240	0.9996	0.3582	2.9921	0.9944	0.9814
1.2134	1.0005	0.3549	3.0161	0.9973	0.9914
1.3329	1.0006	0.3531	3.0277	0.9987	0.9962
1.4138	1.0002	0.3529	3.0286	0.9988	0.9966
1.6272	0.9997	0.3525	3.0301	0.9990	0.9972
1.8174	1.0003	0.3526	3.0307	0.9991	0.9974
2.3248	0.9999	0.3521	3.0331	0.9994	0.9984
2.8574	1.0005	0.3523	3.0328	0.9994	0.9983
3.3669	1.0005	0.3523	3.0331	0.9994	0.9985
3.8829	1.0003	0.3521	3.0343	0.9995	0.9990
4.3813	1.0003	0.3519	3.0352	0.9997	0.9993
4.8901	0.9998	0.3519	3.0340	0.9995	0.9988
5.3791	0.9998	0.3515	3.0367	0.9998	0.9999

DEL = 0.2142 DELL= .0352 DEL*= .0813 CM
THETA= .01469 H = 5.534 UE = 635.1 M/SEC
RHOE= 0.2398 KG/M**3 RUN = 2071

MACH = 3.00 PO = 298.1 KPA TO = 308.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 30.
RPM= 0. PW = 7.40 KPA REL=7497992.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9220	0.9220	0.0000	0.0000	0.3799
0.0332	0.9628	0.7918	1.0390	0.5128	0.4424
0.0578	0.9706	0.7241	1.3047	0.6159	0.4837
0.0750	0.9729	0.7034	1.3842	0.6439	0.4980
0.0997	0.9763	0.6690	1.5153	0.6875	0.5236
0.1221	0.9779	0.6497	1.5893	0.7106	0.5391
0.1420	0.9794	0.6347	1.6478	0.7282	0.5519
0.1794	0.9820	0.6049	1.7653	0.7616	0.5791
0.2227	0.9836	0.5843	1.8485	0.7838	0.5995
0.2584	0.9846	0.5703	1.9057	0.7984	0.6141
0.3096	0.9856	0.5548	1.9705	0.8143	0.6312
0.3869	0.9873	0.5325	2.0667	0.8367	0.6577
0.4595	0.9885	0.5160	2.1396	0.8527	0.6786
0.5168	0.9907	0.4886	2.2666	0.8789	0.7168
0.5932	0.9923	0.4659	2.3768	0.9000	0.7518
0.6507	0.9938	0.4460	2.4781	0.9180	0.7854
0.7249	0.9949	0.4250	2.5891	0.9364	0.8239
0.7888	0.9960	0.4057	2.6970	0.9531	0.8630
0.8691	0.9976	0.3865	2.8115	0.9696	0.9062
0.9607	0.9982	0.3731	2.8943	0.9808	0.9386
1.0613	0.9990	0.3608	2.9739	0.9910	0.9706
1.1472	0.9995	0.3547	3.0146	0.9960	0.9873
1.2417	0.9993	0.3523	3.0303	0.9979	0.9939
1.3281	0.9996	0.3515	3.0360	0.9986	0.9962
1.4342	0.9996	0.3513	3.0373	0.9988	0.9967
1.6136	0.9996	0.3513	3.0373	0.9988	0.9967
1.8049	0.9994	0.3511	3.0382	0.9989	0.9971
2.2667	0.9996	0.3511	3.0391	0.9990	0.9975
2.7661	0.9992	0.3507	3.0406	0.9992	0.9981
3.2439	0.9996	0.3506	3.0426	0.9994	0.9990
3.6992	0.9993	0.3503	3.0435	0.9995	0.9994
4.1924	0.9993	0.3501	3.0450	0.9997	1.0000
4.6635	0.9995	0.3502	3.0444	0.9996	0.9997
5.1007	0.9996	0.3502	3.0453	0.9998	1.0001

DEL = 0.2298 DELL= .0364 DEL*= .0874 CM
THETA= .01628 H = 5.368 UE = 634.8 M/SEC
RHOE= 0.2388 KG/M**3 RUN = 2028

MACH = 3.00 PO = 298.1 KPA TO = 308.5 K
ALPHA= 2.10 Z/D= 4.44 PHI= 30.
RPM= 20000. PW = 7.40 KPA REL=7500275.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9220	0.9220	0.0000	0.0000	0.3797
0.1037	0.9761	0.6713	1.5067	0.6846	0.5215
0.1213	0.9770	0.6589	1.5538	0.6995	0.5313
0.1490	0.9791	0.6358	1.6431	0.7267	0.5505
0.1667	0.9802	0.6207	1.7018	0.7437	0.5638
0.1845	0.9818	0.6066	1.7585	0.7596	0.5771
0.2103	0.9821	0.6028	1.7740	0.7638	0.5808
0.2258	0.9836	0.5853	1.8444	0.7826	0.5981
0.2646	0.9847	0.5689	1.9115	0.7997	0.6152
0.3124	0.9860	0.5524	1.9812	0.8167	0.6337
0.3479	0.9869	0.5400	2.0342	0.8291	0.6482
0.3923	0.9880	0.5259	2.0962	0.8431	0.6656
0.4343	0.9889	0.5112	2.1617	0.8573	0.6847
0.4897	0.9904	0.4954	2.2351	0.8725	0.7067
0.5320	0.9914	0.4817	2.3000	0.8853	0.7268
0.5771	0.9921	0.4686	2.3633	0.8973	0.7470
0.6224	0.9931	0.4540	2.4367	0.9106	0.7710
0.6947	0.9944	0.4343	2.5395	0.9282	0.8060
0.7539	0.9953	0.4177	2.6295	0.9427	0.8379
0.8242	0.9967	0.3990	2.7367	0.9588	0.8772
0.8812	0.9975	0.3874	2.8059	0.9687	0.9035
0.9768	0.9987	0.3708	2.9095	0.9826	0.9441
1.0761	0.9990	0.3597	2.9809	0.9917	0.9729
1.1520	0.9995	0.3552	3.0113	0.9955	0.9854
1.2563	0.9995	0.3525	3.0294	0.9977	0.9929
1.3438	0.9999	0.3520	3.0337	0.9982	0.9946
1.5451	0.9997	0.3516	3.0360	0.9985	0.9956
1.8273	0.9995	0.3513	3.0373	0.9986	0.9961
2.3070	0.9997	0.3511	3.0394	0.9989	0.9970
2.7988	0.9996	0.3509	3.0403	0.9990	0.9974
3.2833	0.9994	0.3507	3.0409	0.9990	0.9976
3.7711	0.9998	0.3506	3.0427	0.9993	0.9984
4.2421	0.9996	0.3505	3.0433	0.9993	0.9986
4.7258	0.9996	0.3507	3.0418	0.9991	0.9980
5.1719	0.9996	0.3501	3.0454	0.9996	0.9995

DEL = 0.2266 DELL= .0381 DEL*= .0871 CM
THETA= .01546 H = 5.631 UE = 634.8 M/SEC
RHOE= 0.2389 KG/M**3 RUN = 2029

MACH = 3.00 PO = 298.5 KPA TO = 304.7 K
ALPHA= 2.10 Z/D= 4.44 PHI= 60.
RPM= 0. PW = 7.13 KPA REL=7675431.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3747
0.0298	0.9626	0.7888	1.0495	0.5157	0.4377
0.0472	0.9662	0.7599	1.1649	0.5619	0.4543
0.0721	0.9716	0.7110	1.3539	0.6316	0.4856
0.0895	0.9739	0.6905	1.4325	0.6586	0.5001
0.1046	0.9764	0.6646	1.5316	0.6908	0.5196
0.1326	0.9782	0.6444	1.6093	0.7147	0.5358
0.1607	0.9803	0.6226	1.6951	0.7399	0.5547
0.1939	0.9820	0.6023	1.7756	0.7623	0.5734
0.2452	0.9838	0.5815	1.8599	0.7846	0.5940
0.2736	0.9848	0.5683	1.9141	0.7983	0.6077
0.3252	0.9862	0.5502	1.9908	0.8169	0.6278
0.3667	0.9872	0.5371	2.0470	0.8299	0.6430
0.4136	0.9885	0.5224	2.1121	0.8444	0.6612
0.4553	0.9894	0.5083	2.1755	0.8580	0.6795
0.4999	0.9907	0.4924	2.2495	0.8731	0.7015
0.5446	0.9921	0.4758	2.3294	0.8887	0.7262
0.5816	0.9930	0.4619	2.3977	0.9013	0.7479
0.6292	0.9941	0.4459	2.4794	0.9157	0.7748
0.6824	0.9955	0.4288	2.5705	0.9309	0.8058
0.7197	0.9960	0.4200	2.6189	0.9386	0.8228
0.7625	0.9966	0.4109	2.6696	0.9464	0.8409
0.8082	0.9974	0.4023	2.7195	0.9539	0.8591
0.8459	0.9979	0.3937	2.7700	0.9612	0.8778
0.8891	0.9985	0.3852	2.8212	0.9683	0.8972
0.9488	0.9992	0.3737	2.8927	0.9779	0.9247
1.0093	1.0002	0.3639	2.9570	0.9862	0.9502
1.0843	1.0003	0.3558	3.0094	0.9927	0.9713
1.1789	1.0009	0.3501	3.0484	0.9974	0.9873
1.2653	1.0010	0.3480	3.0632	0.9991	0.9934
1.3603	1.0010	0.3473	3.0676	0.9997	0.9952
1.5397	1.0012	0.3471	3.0694	0.9999	0.9960
1.7284	1.0010	0.3470	3.0701	1.0000	0.9963
2.2018	1.0012	0.3470	3.0707	1.0000	0.9965
2.6841	1.0012	0.3467	3.0722	1.0002	0.9972
3.1622	1.0013	0.3465	3.0738	1.0004	0.9978
3.6520	1.0013	0.3461	3.0763	1.0007	0.9988
4.1228	1.0013	0.3460	3.0775	1.0008	0.9994
4.6022	1.0017	0.3462	3.0769	1.0007	0.9991
5.0415	1.0013	0.3459	3.0781	1.0009	0.9996

DEL = 0.2297 DELL= .0365 DEL*= .0888 CM
THETA= .01619 H = 5.485 UE = 632.4 M/SEC
RHOE= 0.2360 KG/M**3 RUN = 2039

MACH = 3.00 PO = 298.4 KPA TO = 304.9 K
ALPHA= 2.10 Z/D= 4.44 PHI= 60.
RPM= 20000. PW = 7.13 KPA REL=7658950.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3751
0.0716	0.9729	0.7002	1.3956	0.6460	0.4937
0.0890	0.9751	0.6776	1.4818	0.6747	0.5102
0.1065	0.9771	0.6588	1.5543	0.6978	0.5248
0.1267	0.9786	0.6422	1.6183	0.7173	0.5383
0.1622	0.9812	0.6168	1.7188	0.7465	0.5608
0.2004	0.9829	0.5915	1.8192	0.7739	0.5846
0.2437	0.9845	0.5749	1.8874	0.7915	0.6015
0.2693	0.9857	0.5639	1.9339	0.8031	0.6135
0.3233	0.9869	0.5460	2.0095	0.8211	0.6335
0.3671	0.9878	0.5322	2.0688	0.8347	0.6497
0.4136	0.9891	0.5175	2.1344	0.8492	0.6683
0.4448	0.9902	0.5040	2.1962	0.8622	0.6863
0.4969	0.9916	0.4878	2.2723	0.8775	0.7092
0.5413	0.9923	0.4743	2.3371	0.8900	0.7294
0.5886	0.9935	0.4601	2.4076	0.9030	0.7520
0.6234	0.9941	0.4494	2.4615	0.9125	0.7697
0.6942	0.9958	0.4295	2.5676	0.9303	0.8057
0.7526	0.9966	0.4140	2.6528	0.9437	0.8358
0.8301	0.9977	0.3965	2.7535	0.9587	0.8726
0.8864	0.9985	0.3848	2.8240	0.9686	0.8992
0.9404	0.9993	0.3747	2.8871	0.9771	0.9236
1.0032	0.9999	0.3646	2.9517	0.9854	0.9491
1.0694	1.0004	0.3571	3.0015	0.9916	0.9692
1.1717	1.0008	0.3513	3.0405	0.9963	0.9851
1.2549	1.0006	0.3486	3.0582	0.9984	0.9924
1.3521	1.0008	0.3478	3.0642	0.9991	0.9949
1.5304	1.0008	0.3473	3.0673	0.9995	0.9962
1.7179	1.0008	0.3472	3.0682	0.9996	0.9966
2.1885	1.0009	0.3469	3.0703	0.9999	0.9975
2.6679	1.0009	0.3466	3.0719	1.0000	0.9981
3.1546	1.0009	0.3466	3.0725	1.0001	0.9984
3.6299	1.0009	0.3462	3.0750	1.0004	0.9994
4.0950	1.0009	0.3461	3.0759	1.0005	0.9998
4.5744	1.0007	0.3463	3.0737	1.0002	0.9989
5.0110	1.0008	0.3456	3.0790	1.0009	1.0011

DEL = 0.2311 DELU= .0372 DEL*= .0887 CM
THETA= .01586 H = 5.591 UE = 632.7 M/SEC
RHOE= 0.2355 KG/M**3 RUN = 2040

MACH = 3.00 PO = 298.2 KPA TO = 309.7 K
ALPHA= 2.10 Z/D= 4.44 PHI= 90.
RPM= 0. PW = 6.86 KPA REL=7470391.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9210	0.9210	0.0000	0.0000	0.3710
0.0230	0.9591	0.8079	0.9674	0.4794	0.4227
0.0478	0.9650	0.7684	1.1308	0.5464	0.4447
0.0707	0.9699	0.7239	1.3032	0.6112	0.4719
0.0799	0.9720	0.7017	1.3877	0.6408	0.4867
0.1029	0.9746	0.6732	1.4964	0.6769	0.5073
0.1259	0.9769	0.6514	1.5809	0.7032	0.5243
0.1606	0.9800	0.6178	1.7123	0.7419	0.5530
0.2069	0.9823	0.5881	1.8307	0.7740	0.5808
0.2441	0.9840	0.5679	1.9140	0.7952	0.6015
0.3002	0.9861	0.5451	2.0115	0.8185	0.6269
0.3588	0.9871	0.5272	2.0884	0.8360	0.6479
0.4225	0.9888	0.5076	2.1770	0.8550	0.6730
0.4797	0.9902	0.4874	2.2713	0.8741	0.7010
0.5330	0.9918	0.4674	2.3684	0.8925	0.7310
0.5984	0.9937	0.4452	2.4822	0.9127	0.7678
0.6566	0.9946	0.4281	2.5723	0.9276	0.7983
0.7174	0.9958	0.4114	2.6649	0.9421	0.8307
0.7807	0.9964	0.3965	2.7505	0.9547	0.8617
0.8368	0.9975	0.3852	2.8194	0.9643	0.8873
0.9077	0.9981	0.3745	2.8855	0.9732	0.9126
0.9640	0.9989	0.3658	2.9419	0.9805	0.9345
1.0450	0.9993	0.3534	3.0228	0.9905	0.9668
1.1211	0.9996	0.3475	3.0633	0.9953	0.9833
1.2046	1.0000	0.3444	3.0851	0.9979	0.9923
1.3699	1.0001	0.3428	3.0967	0.9992	0.9971
1.5314	1.0000	0.3422	3.1002	0.9996	0.9986
1.9441	1.0002	0.3420	3.1017	0.9998	0.9992
2.3737	1.0004	0.3418	3.1041	1.0000	1.0001
2.7883	1.0004	0.3415	3.1059	1.0002	1.0009
3.1939	1.0002	0.3413	3.1069	1.0004	1.0013
3.6193	1.0004	0.3413	3.1075	1.0004	1.0016
4.0004	1.0000	0.3411	3.1078	1.0005	1.0017

DEL = 0.2634 DELL= .0408 DEL*= .0996 CM
THETA= .01806 H = 5.518 UE = 639.8 M/SEC
RHOE= 0.2257 KG/M**3 RUN = 2060

MACH = 3.00 PO = 298.1 KPA TO = 309.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 90.
RPM= 20000. PW = 6.86 KPA REL=7466273.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3700
0.0714	0.9686	0.7398	1.2434	0.5890	0.4607
0.0807	0.9716	0.7154	1.3381	0.6232	0.4765
0.1132	0.9747	0.6787	1.4770	0.6702	0.5021
0.1295	0.9762	0.6613	1.5430	0.6912	0.5151
0.1528	0.9797	0.6358	1.6444	0.7219	0.5364
0.2089	0.9824	0.5928	1.8129	0.7688	0.5749
0.2418	0.9836	0.5781	1.8726	0.7843	0.5894
0.2984	0.9858	0.5525	1.9803	0.8107	0.6169
0.3600	0.9878	0.5322	2.0687	0.8310	0.6406
0.4195	0.9887	0.5124	2.1558	0.8500	0.6650
0.4820	0.9902	0.4914	2.2529	0.8699	0.6934
0.5480	0.9924	0.4708	2.3535	0.8892	0.7242
0.5749	0.9927	0.4612	2.4004	0.8977	0.7391
0.6336	0.9937	0.4419	2.4986	0.9148	0.7711
0.6999	0.9949	0.4239	2.5950	0.9306	0.8038
0.7638	0.9961	0.4077	2.6862	0.9447	0.8339
0.8204	0.9971	0.3921	2.7774	0.9579	0.8691
0.8919	0.9984	0.3781	2.8638	0.9697	0.9016
0.9463	0.9985	0.3681	2.9262	0.9778	0.9257
1.0131	0.9995	0.3575	2.9963	0.9866	0.9534
1.0726	1.0000	0.3516	3.0365	0.9915	0.9696
1.1148	0.9999	0.3481	3.0596	0.9942	0.9790
1.2115	1.0003	0.3446	3.0844	0.9971	0.9891
1.2985	1.0004	0.3434	3.0930	0.9981	0.9927
1.3859	1.0006	0.3430	3.0962	0.9985	0.9940
1.5540	0.9999	0.3424	3.0984	0.9987	0.9949
1.9761	1.0008	0.3424	3.1007	0.9990	0.9959
2.3919	0.9999	0.3418	3.1026	0.9992	0.9967
2.7982	1.0003	0.3416	3.1048	0.9995	0.9976
3.2401	1.0003	0.3414	3.1067	0.9997	0.9984
3.6304	1.0003	0.3412	3.1077	0.9998	0.9988
4.0420	1.0002	0.3411	3.1080	0.9998	0.9989

DEL = 0.2609 DELU= .0442 DEL*= .1030 CM
THETA= .01794 H = 5.740 UE = 640.4 M/SEC
RHOE= 0.2259 KG/M**3 RUN = 2061

MACH = 3.00 PO = 298.3 KPA TO = 310.0 K
ALPHA= 2.10 Z/D= 4.44 PHI= 120.
RPM= 0. PW = 6.75 KPA REL=7481171.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3683
0.0227	0.9541	0.8440	0.8074	0.4088	0.4018
0.0247	0.9562	0.8311	0.8676	0.4359	0.4081
0.0509	0.9649	0.7710	1.1214	0.5426	0.4400
0.0851	0.9724	0.7058	1.3742	0.6362	0.4807
0.1134	0.9752	0.6754	1.4897	0.6747	0.5022
0.1459	0.9775	0.6531	1.5760	0.7019	0.5195
0.1966	0.9799	0.6282	1.6729	0.7306	0.5401
0.2091	0.9810	0.6134	1.7310	0.7471	0.5531
0.2501	0.9829	0.5962	1.8006	0.7661	0.5692
0.2912	0.9843	0.5783	1.8736	0.7850	0.5868
0.3222	0.9853	0.5664	1.9230	0.7974	0.5992
0.3741	0.9867	0.5456	2.0106	0.8183	0.6219
0.4262	0.9884	0.5261	2.0959	0.8376	0.6450
0.4744	0.9897	0.5111	2.1636	0.8522	0.6641
0.5228	0.9912	0.4936	2.2452	0.8689	0.6879
0.5800	0.9926	0.4730	2.3437	0.8879	0.7178
0.6311	0.9940	0.4553	2.4322	0.9040	0.7457
0.6824	0.9954	0.4381	2.5221	0.9194	0.7753
0.7411	0.9965	0.4188	2.6263	0.9362	0.8108
0.7914	0.9977	0.4032	2.7153	0.9496	0.8424
0.8287	0.9983	0.3933	2.7734	0.9580	0.8635
0.8902	0.9994	0.3824	2.8405	0.9672	0.8885
0.9385	0.9998	0.3724	2.9026	0.9755	0.9122
0.9892	1.0007	0.3625	2.9666	0.9836	0.9371
1.0664	1.0013	0.3521	3.0364	0.9921	0.9649
1.1261	1.0017	0.3463	3.0759	0.9968	0.9810
1.2081	1.0019	0.3425	3.1029	0.9999	0.9921
1.2903	1.0021	0.3416	3.1093	1.0007	0.9947
1.4348	1.0022	0.3411	3.1126	1.0010	0.9961
1.6544	1.0022	0.3411	3.1129	1.0011	0.9962
2.0412	1.0024	0.3406	3.1168	1.0015	0.9978
2.4250	1.0025	0.3405	3.1178	1.0016	0.9982
2.7975	1.0025	0.3404	3.1187	1.0017	0.9986
3.1707	1.0025	0.3405	3.1181	1.0016	0.9984
3.5469	1.0027	0.3403	3.1197	1.0018	0.9990
3.9039	1.0027	0.3410	3.1150	1.0013	0.9971

DEL = 0.2914 DELL= .0501 DEL*= .1201 CM
THETA= .02113 H = 5.686 UE = 640.3 M/SEC
RHOE= 0.2238 KG/M**3 RUN = 2006

MACH = 3.00 PO = 298.4 KPA TO = 310.4 K
ALPHA= 2.10 Z/D= 4.44 PHI= 120.
RPM= 20000. PW = 6.75 KPA REL=7450804.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9206	0.9206	0.0000	0.0000	0.3677
0.0501	0.9640	0.7759	1.1010	0.5337	0.4364
0.0659	0.9669	0.7519	1.1956	0.5706	0.4504
0.0798	0.9703	0.7215	1.3130	0.6138	0.4693
0.0977	0.9734	0.6927	1.4235	0.6520	0.4885
0.1256	0.9756	0.6681	1.5172	0.6825	0.5069
0.1536	0.9781	0.6436	1.6122	0.7117	0.5263
0.1978	0.9805	0.6183	1.7115	0.7405	0.5479
0.2644	0.9831	0.5855	1.8427	0.7759	0.5785
0.3193	0.9848	0.5647	1.9287	0.7976	0.5998
0.3683	0.9865	0.5451	2.0120	0.8174	0.6214
0.4196	0.9880	0.5250	2.1001	0.8373	0.6453
0.4629	0.9893	0.5081	2.1761	0.8535	0.6667
0.5210	0.9909	0.4860	2.2790	0.8742	0.6970
0.5627	0.9920	0.4705	2.3539	0.8885	0.7199
0.6276	0.9933	0.4506	2.4540	0.9065	0.7517
0.6803	0.9946	0.4344	2.5393	0.9209	0.7799
0.7232	0.9955	0.4211	2.6118	0.9325	0.8046
0.7792	0.9968	0.4050	2.7032	0.9464	0.8368
0.8159	0.9972	0.3956	2.7577	0.9543	0.8565
0.8764	0.9982	0.3828	2.8352	0.9651	0.8852
0.9284	0.9989	0.3716	2.9049	0.9743	0.9118
0.9848	0.9996	0.3609	2.9748	0.9832	0.9390
1.0587	1.0002	0.3511	3.0401	0.9911	0.9650
1.1240	1.0003	0.3459	3.0758	0.9953	0.9796
1.1995	1.0007	0.3428	3.0979	0.9978	0.9886
1.2726	1.0006	0.3414	3.1070	0.9989	0.9923
1.4126	1.0010	0.3409	3.1116	0.9994	0.9942
1.6289	1.0010	0.3408	3.1125	0.9995	0.9946
2.0120	1.0010	0.3406	3.1138	0.9996	0.9951
2.3875	1.0012	0.3403	3.1161	0.9999	0.9961
2.7609	1.0010	0.3402	3.1161	0.9999	0.9961
3.1217	1.0012	0.3401	3.1177	1.0001	0.9968
3.4747	1.0014	0.3401	3.1183	1.0001	0.9970
3.8436	1.0012	0.3402	3.1170	1.0000	0.9965

DEL = 0.2959 DELL= .0514 DEL*= .1211 CM
THETA= .02106 H = 5.750 UE = 641.7 M/SEC
RHOE= 0.2237 KG/M**3 RUN = 2007

MACH = 3.00 PO = 298.9 KPA TO = 311.0 K
ALPHA= 2.10 Z/D= 4.44 PHI= 150.
RPM= 0. PW = 6.85 KPA REL=7463193.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9204	0.9204	0.0000	0.0000	0.3655
0.0212	0.9533	0.8468	0.7928	0.4012	0.3973
0.0343	0.9591	0.8075	0.9688	0.4788	0.4166
0.0635	0.9679	0.7412	1.2368	0.5856	0.4539
0.1123	0.9738	0.6853	1.4510	0.6606	0.4909
0.1495	0.9768	0.6568	1.5606	0.6955	0.5123
0.1936	0.9791	0.6333	1.6523	0.7230	0.5314
0.2380	0.9814	0.6072	1.7555	0.7521	0.5543
0.2844	0.9831	0.5858	1.8414	0.7750	0.5745
0.3241	0.9849	0.5668	1.9206	0.7950	0.5939
0.3674	0.9864	0.5472	2.0034	0.8148	0.6152
0.4040	0.9878	0.5308	2.0749	0.8311	0.6343
0.4566	0.9893	0.5113	2.1621	0.8499	0.6585
0.4971	0.9905	0.4968	2.2291	0.8637	0.6778
0.5450	0.9917	0.4803	2.3076	0.8791	0.7011
0.6002	0.9933	0.4604	2.4055	0.8972	0.7315
0.6649	0.9949	0.4364	2.5298	0.9186	0.7718
0.7162	0.9961	0.4184	2.6274	0.9342	0.8045
0.7860	0.9974	0.3987	2.7401	0.9510	0.8447
0.8413	0.9985	0.3852	2.8215	0.9625	0.8745
0.9095	0.9993	0.3719	2.9043	0.9735	0.9057
0.9724	1.0000	0.3617	2.9702	0.9818	0.9312
1.0244	1.0004	0.3547	3.0173	0.9876	0.9498
1.0912	1.0011	0.3474	3.0669	0.9935	0.9697
1.1545	1.0013	0.3437	3.0933	0.9966	0.9804
1.2178	1.0014	0.3422	3.1031	0.9977	0.9844
1.2682	1.0016	0.3420	3.1054	0.9979	0.9853
1.3449	1.0012	0.3416	3.1073	0.9982	0.9861
1.4710	1.0016	0.3415	3.1089	0.9983	0.9868
1.7858	1.0020	0.3414	3.1105	0.9985	0.9874
2.4253	1.0020	0.3412	3.1117	0.9987	0.9880
2.4253	1.0021	0.3413	3.1117	0.9987	0.9880
2.7401	1.0020	0.3410	3.1133	0.9988	0.9886
3.0476	1.0022	0.3409	3.1143	0.9989	0.9890
3.3382	1.0024	0.3404	3.1181	0.9994	0.9906

DEL = 0.3476 DELL= .0601 DEL*= .1431 CM
THETA= .02486 H = 5.758 UE = 642.7 M/SEC
RHOE= 0.2283 KG/M**3 RUN = 2016

MACH = 3.00 PO = 298.9 KPA TO = 311.5 K
ALPHA= 2.10 Z/D= 4.44 PHI= 150.
RPM= 20000. PW = 6.85 KPA REL=7452050.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3699
0.0558	0.9663	0.7584	1.1707	0.5621	0.4492
0.0865	0.9713	0.7133	1.3448	0.6263	0.4776
0.1161	0.9750	0.6792	1.4755	0.6704	0.5017
0.1509	0.9774	0.6537	1.5735	0.7014	0.5213
0.1983	0.9797	0.6279	1.6736	0.7311	0.5427
0.2459	0.9817	0.6040	1.7683	0.7577	0.5642
0.2938	0.9835	0.5827	1.8546	0.7805	0.5848
0.3348	0.9849	0.5646	1.9292	0.7992	0.6035
0.3832	0.9864	0.5455	2.0104	0.8186	0.6247
0.4247	0.9879	0.5285	2.0849	0.8355	0.6449
0.4718	0.9895	0.5102	2.1672	0.8533	0.6681
0.5118	0.9906	0.4940	2.2419	0.8686	0.6900
0.5631	0.9918	0.4776	2.3200	0.8838	0.7137
0.6257	0.9933	0.4555	2.4297	0.9039	0.7484
0.6889	0.9950	0.4344	2.5400	0.9227	0.7848
0.7476	0.9959	0.4178	2.6302	0.9371	0.8159
0.8102	0.9969	0.4017	2.7221	0.9510	0.8487
0.8730	0.9981	0.3868	2.8112	0.9636	0.8815
0.9359	0.9991	0.3734	2.8947	0.9748	0.9133
1.0028	0.9997	0.3604	2.9779	0.9854	0.9459
1.0641	1.0005	0.3519	3.0357	0.9925	0.9691
1.1275	1.0006	0.3460	3.0755	0.9972	0.9853
1.1948	1.0010	0.3434	3.0945	0.9994	0.9931
1.2582	1.0009	0.3421	3.1031	1.0003	0.9967
1.3161	1.0011	0.3417	3.1059	1.0007	0.9978
1.3896	1.0011	0.3417	3.1066	1.0007	0.9981
1.5141	1.0011	0.3416	3.1072	1.0008	0.9984
1.8452	1.0013	0.3415	3.1078	1.0009	0.9986
2.1794	1.0013	0.3414	3.1087	1.0010	0.9990
2.5059	1.0013	0.3414	3.1084	1.0010	0.9989
2.8292	1.0013	0.3415	3.1079	1.0009	0.9987
3.1488	1.0014	0.3417	3.1069	1.0008	0.9983
3.4437	1.0016	0.3422	3.1037	1.0004	0.9970

DEL = 0.3365 DELL= .0597 DEL*= .1391 CM
THETA= .02421 H = 5.748 UE = 641.6 M/SEC
RHOE= 0.2248 KG/M**3 RUN = 2017

MACH = 3.00 PO = 298.0 KPA TO = 305.4 K
ALPHA= 2.10 Z/D= 4.44 PHI= 170.
RPM= 0. PW = 6.86 KPA REL=7347367.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3722
0.0573	0.9698	0.7276	1.2501	0.6072	0.4712
0.0840	0.9730	0.6965	1.4090	0.6489	0.4922
0.1267	0.9767	0.6586	1.5541	0.6959	0.5206
0.1825	0.9798	0.6240	1.6883	0.7360	0.5454
0.2358	0.9821	0.5986	1.7897	0.7640	0.5728
0.2887	0.9838	0.5764	1.8798	0.7875	0.5948
0.3403	0.9853	0.5571	1.9604	0.8074	0.6154
0.3989	0.9872	0.5347	2.0570	0.8299	0.6413
0.4546	0.9887	0.5140	2.1489	0.8501	0.6671
0.5089	0.9901	0.4932	2.2443	0.8698	0.6951
0.5637	0.9917	0.4727	2.3428	0.8888	0.7253
0.6188	0.9928	0.4549	2.4315	0.9049	0.7537
0.6812	0.9942	0.4361	2.5297	0.9218	0.7863
0.7458	0.9952	0.4190	2.6222	0.9366	0.8182
0.7986	0.9962	0.4042	2.7062	0.9494	0.8462
0.8579	0.9972	0.3904	2.7881	0.9612	0.8784
0.9228	0.9979	0.3765	2.8726	0.9727	0.9105
0.9805	0.9988	0.3649	2.9474	0.9824	0.9397
1.0403	0.9994	0.3557	3.0079	0.9899	0.9639
1.1019	0.9996	0.3490	3.0528	0.9953	0.9822
1.1583	1.0001	0.3451	3.0807	0.9985	0.9937
1.2239	1.0002	0.3434	3.0924	0.9999	0.9986
1.2786	1.0002	0.3428	3.0966	1.0004	1.0003
1.4047	1.0002	0.3425	3.0988	1.0006	1.0012
1.5870	1.0000	0.3424	3.0988	1.0006	1.0012
1.8898	1.0000	0.3425	3.0981	1.0006	1.0009
2.2166	1.0004	0.3427	3.0975	1.0005	1.0007

DEL = 0.3545 DELL= .0604 DEL*= .1427 CM
THETA= .02536 H = 5.629 UE = 634.8 M/SEC
RHOE= 0.2294 KG/M**3 RUN = 4098

MACH = 3.00 PO = 297.9 KPA TO = 305.4 K
ALPHA= 2.10 Z/D= 4.44 PHI= 170.
RPM= 20000. PW = 6.86 KPA REL=7345089.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3723
0.1224	0.9756	0.6695	1.5120	0.6825	0.5122
0.1816	0.9792	0.6305	1.6629	0.7285	0.5439
0.2334	0.9813	0.6062	1.7590	0.7556	0.5657
0.2848	0.9833	0.5820	1.8568	0.7815	0.5892
0.3466	0.9851	0.5588	1.9531	0.8055	0.6136
0.4022	0.9869	0.5360	2.0511	0.8284	0.6398
0.4462	0.9880	0.5189	2.1260	0.8450	0.6607
0.5110	0.9898	0.4943	2.2387	0.8684	0.6936
0.5711	0.9916	0.4721	2.3458	0.8892	0.7264
0.6230	0.9928	0.4548	2.4319	0.9048	0.7540
0.6891	0.9942	0.4337	2.5418	0.9235	0.7906
0.7417	0.9952	0.4184	2.6254	0.9369	0.8196
0.7965	0.9962	0.4035	2.7098	0.9497	0.8498
0.8487	0.9970	0.3907	2.7854	0.9606	0.8777
0.9156	0.9979	0.3767	2.8712	0.9723	0.9102
0.9699	0.9986	0.3663	2.9377	0.9809	0.9362
1.0408	0.9992	0.3552	3.0107	0.9900	0.9653
1.1027	0.9996	0.3487	3.0554	0.9953	0.9835
1.1629	0.9999	0.3450	3.0810	0.9983	0.9941
1.2251	1.0000	0.3435	3.0914	0.9996	0.9984
1.2856	0.9998	0.3428	3.0956	1.0000	1.0001
1.3992	1.0000	0.3427	3.0972	1.0002	1.0008
1.5934	1.0000	0.3426	3.0975	1.0003	1.0009
1.9069	1.0000	0.3427	3.0965	1.0001	1.0005
2.2179	1.0000	0.3427	3.0966	1.0001	1.0005

DEL = 0.3531 DELL= .0655 DEL*= .1449 CM
THETA= .02438 H = 5.942 UE = 634.9 M/SEC
RHOE= 0.2293 KG/M**3 RUN = 4095

MACH = 3.00 PO = 297.9 KPA TO = 309.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 180.
RPM= 0. PW = 6.83 KPA REL=7463993.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9210	0.9210	0.0000	0.0000	0.3708
0.0239	0.9571	0.8302	0.8744	0.4391	0.4116
0.0340	0.9604	0.8027	0.9912	0.4896	0.4254
0.0511	0.9665	0.7630	1.1549	0.5559	0.4479
0.0615	0.9676	0.7519	1.1977	0.5724	0.4545
0.0925	0.9726	0.6990	1.3591	0.6449	0.4885
0.1289	0.9758	0.6691	1.5137	0.6826	0.5104
0.1550	0.9777	0.6482	1.5942	0.7076	0.5269
0.1829	0.9795	0.6323	1.6571	0.7263	0.5404
0.2320	0.9810	0.6079	1.7520	0.7531	0.5617
0.2743	0.9826	0.5918	1.8169	0.7705	0.5771
0.3169	0.9839	0.5755	1.8839	0.7878	0.5935
0.3632	0.9853	0.5582	1.9559	0.8056	0.6119
0.4098	0.9866	0.5412	2.0288	0.8227	0.6311
0.4530	0.9884	0.5228	2.1103	0.8410	0.6536
0.4964	0.9892	0.5041	2.1933	0.8586	0.6773
0.5419	0.9905	0.4855	2.2804	0.8761	0.7033
0.5912	0.9920	0.4677	2.3677	0.8926	0.7303
0.6354	0.9928	0.4531	2.4404	0.9057	0.7536
0.6917	0.9941	0.4343	2.5387	0.9224	0.7863
0.7556	0.9953	0.4159	2.6390	0.9383	0.8210
0.8178	0.9974	0.4005	2.7297	0.9519	0.8535
0.8839	0.9982	0.3851	2.8216	0.9649	0.8876
0.9463	0.9984	0.3705	2.9110	0.9768	0.9218
1.0032	0.9996	0.3602	2.9795	0.9855	0.9488
1.0679	0.9998	0.3513	3.0383	0.9926	0.9725
1.1269	0.9999	0.3456	3.0768	0.9971	0.9882
1.1954	1.0000	0.3425	3.0982	0.9996	0.9970
1.2623	0.9999	0.3414	3.1056	1.0005	1.0001
1.3197	1.0004	0.3411	3.1087	1.0008	1.0014
1.3908	1.0006	0.3411	3.1091	1.0009	1.0016
1.4467	1.0002	0.3410	3.1094	1.0009	1.0017
1.5144	1.0002	0.3410	3.1088	1.0008	1.0014
1.5823	1.0002	0.3409	3.1097	1.0009	1.0018
1.6486	1.0001	0.3409	3.1094	1.0009	1.0017
1.7764	1.0004	0.3409	3.1100	1.0010	1.0019
2.1114	1.0001	0.3409	3.1091	1.0009	1.0016
2.4194	1.0002	0.3414	3.1065	1.0006	1.0005
2.7489	1.0004	0.3415	3.1059	1.0005	1.0002

DEL = 0.3398 DELL= .0593 DEL*= .1402 CM
THETA= .02503 H = 5.603 UE = 639.9 M/SEC
RHOE= 0.2250 KG/M**3 RUN = 2068

MACH = 3.00 PO = 297.8 KPA TO = 309.7 K
ALPHA= 2.10 Z/D= 4.44 PHI= 180.
RPM= 20000. PW = 6.83 KPA REL=7456721.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9210	0.9210	0.0000	0.0000	0.3708
0.0588	0.9660	0.7565	1.1765	0.5640	0.4512
0.0690	0.9680	0.7404	1.2398	0.5879	0.4611
0.0792	0.9706	0.7200	1.3193	0.6168	0.4744
0.0979	0.9725	0.7000	1.3954	0.6433	0.4879
0.1201	0.9741	0.6802	1.4700	0.6681	0.5019
0.1509	0.9771	0.6550	1.5681	0.6992	0.5215
0.1819	0.9783	0.6366	1.6384	0.7204	0.5363
0.2302	0.9807	0.6115	1.7373	0.7486	0.5584
0.2632	0.9817	0.5950	1.8026	0.7663	0.5737
0.3121	0.9837	0.5757	1.8825	0.7870	0.5932
0.3594	0.9850	0.5548	1.9688	0.8082	0.6152
0.4018	0.9862	0.5391	2.0365	0.8240	0.6332
0.4425	0.9882	0.5226	2.1106	0.8406	0.6537
0.4906	0.9891	0.5044	2.1919	0.8578	0.6769
0.5336	0.9904	0.4864	2.2761	0.8747	0.7020
0.5822	0.9920	0.4698	2.3573	0.8902	0.7271
0.6295	0.9927	0.4544	2.4338	0.9040	0.7515
0.6849	0.9944	0.4349	2.5364	0.9215	0.7855
0.7367	0.9948	0.4203	2.6142	0.9340	0.8123
0.8035	0.9963	0.4006	2.7264	0.9509	0.8523
0.8723	0.9970	0.3860	2.8132	0.9632	0.8845
0.9320	0.9977	0.3729	2.8946	0.9741	0.9155
0.9880	0.9988	0.3617	2.9676	0.9834	0.9441
1.0516	0.9988	0.3524	3.0283	0.9909	0.9685
1.1136	0.9999	0.3463	3.0717	0.9960	0.9862
1.1773	0.9995	0.3426	3.0962	0.9988	0.9963
1.2393	0.9997	0.3412	3.1060	1.0000	1.0003
1.3072	1.0006	0.3412	3.1086	1.0003	1.0014
1.4267	0.9988	0.3404	3.1096	1.0004	1.0019
1.7514	0.9995	0.3406	3.1102	1.0005	1.0020
2.0793	1.0002	0.3409	3.1099	1.0004	1.0019
2.3826	0.9997	0.3409	3.1086	1.0002	1.0014
2.7149	0.9998	0.3410	3.1080	1.0002	1.0012
3.0193	1.0002	0.3414	3.1064	1.0000	1.0005
3.3212	0.9998	0.3415	3.1044	0.9998	0.9997

DEL = 0.3450 DELL= .0615 DEL*= .1423 CM
THETA= .02497 H = 5.699 UE = 640.0 M/SEC
RHOE= 0.2245 KG/M**3 RUN = 2069

MACH = 3.00 PO = 298.5 KPA TO = 309.1 K
ALPHA= 2.10 Z/D= 4.44 PHI= 190.
RPM= 0. PW = 6.88 KPA REL=7230653.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3714
0.0229	0.9656	0.7649	1.1452	0.5524	0.4473
0.0412	0.9689	0.7403	1.2425	0.5894	0.4624
0.0813	0.9729	0.6973	1.4056	0.6473	0.4906
0.1184	0.9766	0.6591	1.5520	0.6949	0.5191
0.1796	0.9799	0.6237	1.6897	0.7359	0.5485
0.2380	0.9823	0.5931	1.8114	0.7694	0.5768
0.2943	0.9854	0.5694	1.9111	0.7949	0.6014
0.3653	0.9862	0.5467	2.0049	0.8175	0.6259
0.4118	0.9877	0.5245	2.1014	0.8393	0.6522
0.4730	0.9894	0.5022	2.2022	0.8607	0.6812
0.5273	0.9908	0.4823	2.2961	0.8794	0.7093
0.5929	0.9926	0.4623	2.3947	0.8978	0.7402
0.6517	0.9935	0.4434	2.4907	0.9147	0.7716
0.7164	0.9948	0.4246	2.5913	0.9312	0.8057
0.7779	0.9960	0.4063	2.6939	0.9470	0.8420
0.8416	0.9973	0.3909	2.7851	0.9602	0.8754
0.9029	0.9979	0.3786	2.8602	0.9704	0.9038
0.9702	0.9988	0.3654	2.9440	0.9814	0.9364
1.0337	0.9991	0.3564	3.0028	0.9887	0.9598
1.0955	0.9998	0.3494	3.0510	0.9945	0.9794
1.1535	1.0000	0.3453	3.0792	0.9978	0.9910
1.2272	1.0003	0.3429	3.0960	0.9997	0.9979
1.2893	1.0004	0.3423	3.1002	1.0002	0.9997
1.3594	1.0004	0.3421	3.1018	1.0004	1.0003
1.4217	1.0004	0.3420	3.1024	1.0004	1.0006
1.5527	1.0004	0.3422	3.1014	1.0003	1.0002
1.6786	1.0004	0.3422	3.1011	1.0003	1.0001
2.0196	1.0004	0.3423	3.1005	1.0002	0.9998
2.3481	1.0004	0.3422	3.1008	1.0003	0.9999

DEL = 0.3324 DELL= .0535 DEL*= .1316 CM
THETA= .02399 H = 5.483 UE = 639.0 M/SEC
RHOE= 0.2270 KG/M**3 RUN = 4081

MACH = 3.00 PO = 298.6 KPA TO = 305.8 K
ALPHA= 2.10 Z/D= 4.44 PHI= 190.
RPM= 20000. PW = 6.87 KPA REL=7363821.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3719
0.0765	0.9742	0.6850	1.4528	0.6643	0.5000
0.1117	0.9768	0.6600	1.5492	0.6952	0.5191
0.1625	0.9797	0.6277	1.6744	0.7328	0.5458
0.2292	0.9825	0.5977	1.7942	0.7662	0.5734
0.2847	0.9843	0.5744	1.8890	0.7908	0.5965
0.3414	0.9860	0.5531	1.9785	0.8127	0.6196
0.3985	0.9876	0.5326	2.0668	0.8332	0.6434
0.4632	0.9895	0.5071	2.1809	0.8578	0.6757
0.5175	0.9912	0.4887	2.2677	0.8754	0.7015
0.5794	0.9927	0.4672	2.3715	0.8952	0.7337
0.6437	0.9941	0.4467	2.4754	0.9137	0.7674
0.7009	0.9956	0.4300	2.5645	0.9286	0.7975
0.7623	0.9965	0.4137	2.6539	0.9426	0.8287
0.8260	0.9975	0.3983	2.7427	0.9558	0.8608
0.8960	0.9987	0.3827	2.8368	0.9690	0.8960
0.9557	0.9994	0.3713	2.9085	0.9785	0.9236
1.0214	1.0003	0.3599	2.9829	0.9880	0.9520
1.0814	1.0006	0.3523	3.0333	0.9941	0.9734
1.1455	1.0013	0.3476	3.0660	0.9980	0.9868
1.2077	1.0014	0.3449	3.0847	1.0002	0.9945
1.2759	1.0015	0.3439	3.0920	1.0010	0.9975
1.3404	1.0017	0.3436	3.0945	1.0013	0.9985
1.4108	1.0019	0.3435	3.0958	1.0015	0.9991
1.4734	1.0019	0.3436	3.0946	1.0013	0.9986
1.6051	1.0019	0.3436	3.0952	1.0014	0.9988
1.7337	1.0019	0.3435	3.0959	1.0015	0.9991
2.0645	1.0022	0.3437	3.0952	1.0014	0.9988
2.4028	1.0022	0.3439	3.0940	1.0012	0.9983

DEL = 0.3306 DELL= .0558 DEL*= .1321 CM
THETA= .02306 H = 5.728 UE = 634.5 M/SEC
RHOE= 0.2301 KG/M**3 RUN = 4082

MACH = 3.00 PO = 297.6 KPA TO = 305.1 K
ALPHA= 2.10 Z/D= 4.44 PHI= 210.
RPM= 0. PW = 6.83 KPA REL=7476564.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3718
0.0192	0.9532	0.8493	0.7822	0.3975	0.4032
0.0326	0.9587	0.8138	0.9436	0.4694	0.4207
0.0427	0.9628	0.7861	1.0599	0.5182	0.4356
0.0646	0.9680	0.7417	1.2352	0.5866	0.4617
0.0731	0.9698	0.7270	1.2920	0.6075	0.4710
0.0900	0.9712	0.7115	1.3511	0.6285	0.4813
0.1194	0.9745	0.6792	1.4744	0.6701	0.5041
0.1488	0.9769	0.6551	1.5674	0.6996	0.5228
0.1801	0.9787	0.6361	1.6410	0.7217	0.5384
0.2028	0.9799	0.6203	1.7026	0.7395	0.5520
0.2414	0.9814	0.6041	1.7673	0.7575	0.5669
0.2677	0.9824	0.5919	1.8163	0.7706	0.5786
0.2960	0.9831	0.5818	1.8572	0.7812	0.5886
0.3207	0.9841	0.5710	1.9019	0.7925	0.5997
0.3580	0.9850	0.5579	1.9564	0.8059	0.6137
0.3830	0.9858	0.5476	2.0003	0.8163	0.6253
0.4116	0.9867	0.5363	2.0492	0.8276	0.6385
0.4439	0.9876	0.5235	2.1056	0.8401	0.6541
0.4746	0.9886	0.5125	2.1551	0.8508	0.6682
0.5035	0.9894	0.5021	2.2028	0.8607	0.6821
0.5343	0.9901	0.4896	2.2607	0.8724	0.6993
0.6091	0.9921	0.4617	2.3967	0.8981	0.7417
0.6403	0.9930	0.4504	2.4543	0.9083	0.7603
0.6809	0.9939	0.4341	2.5395	0.9227	0.7888
0.7486	0.9954	0.4126	2.6577	0.9414	0.8299
0.8127	0.9965	0.3959	2.7539	0.9556	0.8648
0.8723	0.9974	0.3810	2.8443	0.9682	0.8987
0.9338	0.9981	0.3694	2.9172	0.9778	0.9269
1.0022	0.9985	0.3603	2.9757	0.9852	0.9500
1.0650	0.9993	0.3516	3.0346	0.9924	0.9737
1.1261	0.9997	0.3480	3.0599	0.9954	0.9841
1.1911	0.9997	0.3435	3.0908	0.9990	0.9969
1.2599	0.9998	0.3425	3.0975	0.9998	0.9996
1.3174	0.9996	0.3423	3.0991	0.9999	1.0003
1.3827	0.9997	0.3421	3.1000	1.0001	1.0007
1.4541	0.9996	0.3424	3.0982	0.9998	0.9999
1.5172	0.9998	0.3424	3.0984	0.9999	1.0000

DEL = 0.3386 DELU= .0585 DEL*= .1376 CM
THETA= .02468 H = 5.575 UE = 639.1 M/SEC
RHOE= 0.2251 KG/M**3 RUN = 2025

MACH = 3.00 PO = 298.9 KPA TO = 303.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 240.
RPM= 0. PW = 6.76 KPA REL=7728231.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3689
0.0284	0.9598	0.8031	0.9877	0.4877	0.4229
0.0365	0.9631	0.7822	1.0751	0.5240	0.4342
0.0568	0.9682	0.7392	1.2446	0.5896	0.4595
0.0691	0.9711	0.7147	1.3392	0.6238	0.4753
0.1060	0.9756	0.6713	1.5057	0.6797	0.5062
0.1390	0.9778	0.6443	1.6086	0.7115	0.5271
0.1845	0.9808	0.6127	1.7332	0.7475	0.5545
0.2469	0.9829	0.5893	1.8273	0.7728	0.5765
0.2972	0.9844	0.5704	1.9051	0.7927	0.5957
0.3477	0.9860	0.5503	1.9898	0.8132	0.6175
0.4048	0.9877	0.5289	2.0826	0.8344	0.6424
0.4537	0.9892	0.5103	2.1660	0.8524	0.6659
0.5049	0.9904	0.4919	2.2510	0.8698	0.6907
0.5543	0.9920	0.4737	2.3389	0.8867	0.7175
0.6147	0.9932	0.4573	2.4203	0.9016	0.7432
0.6690	0.9943	0.4415	2.5019	0.9157	0.7698
0.7235	0.9954	0.4247	2.5920	0.9304	0.8003
0.7743	0.9962	0.4120	2.6628	0.9414	0.8250
0.8369	0.9975	0.3956	2.7583	0.9555	0.8594
0.9152	0.9989	0.3769	2.8725	0.9712	0.9022
0.9848	0.9998	0.3625	2.9649	0.9831	0.9380
1.0590	1.0004	0.3521	3.0339	0.9915	0.9656
1.1333	1.0006	0.3459	3.0765	0.9965	0.9829
1.2011	1.0010	0.3433	3.0947	0.9986	0.9904
1.2849	1.0010	0.3422	3.1027	0.9995	0.9937
1.3552	1.0010	0.3420	3.1043	0.9997	0.9943
1.5072	1.0012	0.3419	3.1050	0.9998	0.9946
1.7430	1.0014	0.3418	3.1063	1.0000	0.9951
2.1242	1.0010	0.3417	3.1063	1.0000	0.9952
2.5136	1.0013	0.3415	3.1083	1.0002	0.9960
2.9030	1.0014	0.3414	3.1092	1.0003	0.9963
3.2678	1.0014	0.3412	3.1106	1.0004	0.9969
3.6587	1.0015	0.3410	3.1118	1.0006	0.9974
4.0211	1.0016	0.3415	3.1086	1.0002	0.9961

DEL = 0.2854 DELL= .0474 DEL*= .1155 CM
THETA= .02060 H = 5.609 UE = 633.8 M/SEC
RHOE= 0.2284 KG/M**3 RUN = 2036

MACH = 3.00 PO = 298.7 KPA TO = 304.0 K
ALPHA= 2.10 Z/D= 4.44 PHI= 240.
RPM= 20000. PW = 6.76 KPA REL=7703423.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3684
0.0635	0.9691	0.7349	1.2623	0.5959	0.4617
0.0896	0.9733	0.6943	1.4177	0.6506	0.4887
0.1238	0.9763	0.6636	1.5349	0.6886	0.5113
0.1440	0.9779	0.6491	1.5915	0.7061	0.5229
0.1804	0.9802	0.6268	1.6789	0.7319	0.5416
0.2210	0.9816	0.6069	1.7568	0.7537	0.5592
0.2496	0.9831	0.5933	1.8126	0.7687	0.5723
0.3049	0.9852	0.5718	1.9014	0.7915	0.5940
0.3543	0.9860	0.5518	1.9835	0.8114	0.6150
0.4019	0.9880	0.5317	2.0714	0.8316	0.6385
0.4644	0.9897	0.5084	2.1757	0.8541	0.6678
0.5146	0.9913	0.4886	2.2684	0.8729	0.6951
0.5651	0.9925	0.4719	2.3488	0.8883	0.7197
0.6158	0.9937	0.4547	2.4344	0.9038	0.7468
0.6647	0.9947	0.4371	2.5257	0.9193	0.7768
0.7223	0.9960	0.4206	2.6156	0.9338	0.8074
0.7811	0.9971	0.4061	2.6974	0.9463	0.8363
0.8357	0.9978	0.3925	2.7770	0.9578	0.8652
0.8773	0.9986	0.3812	2.8456	0.9672	0.8908
0.9606	0.9997	0.3660	2.9420	0.9798	0.9278
1.0265	1.0003	0.3557	3.0101	0.9883	0.9548
1.1058	1.0010	0.3473	3.0682	0.9952	0.9782
1.1743	1.0011	0.3436	3.0932	0.9981	0.9885
1.2495	1.0015	0.3423	3.1029	0.9992	0.9925
1.3249	1.0014	0.3417	3.1070	0.9997	0.9942
1.4669	1.0014	0.3415	3.1081	0.9998	0.9946
1.6951	1.0016	0.3414	3.1094	0.9999	0.9952
2.0837	1.0016	0.3414	3.1098	1.0000	0.9953
2.4575	1.0018	0.3411	3.1122	1.0003	0.9963
2.8382	1.0016	0.3410	3.1123	1.0003	0.9964
3.2063	1.0014	0.3408	3.1133	1.0004	0.9968
3.5770	1.0016	0.3408	3.1136	1.0004	0.9969
3.9231	1.0016	0.3411	3.1113	1.0002	0.9960

DEL = 0.2919 DELL= .0505 DEL*= .1188 CM
THETA= .02057 H = 5.776 UE = 634.6 M/SEC
RHOE= 0.2281 KG/M**3 RUN = 2037

MACH = 3.00 PO = 297.4 KPA TO = 309.6 K
ALPHA= 2.10 Z/D= 4.44 PHI= 270.
RPM= 0. PW = 6.84 KPA REL=7445944.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9210	0.9210	0.0000	0.0000	0.3712
0.0315	0.9588	0.8127	0.9482	0.4711	0.4206
0.0477	0.9634	0.7808	1.0815	0.5266	0.4378
0.0592	0.9668	0.7514	1.1970	0.5718	0.4548
0.0777	0.9695	0.7256	1.2962	0.6085	0.4709
0.1008	0.9735	0.6965	1.4102	0.6483	0.4911
0.1170	0.9752	0.6707	1.5068	0.6800	0.5096
0.1612	0.9787	0.6366	1.6392	0.7206	0.5371
0.1962	0.9815	0.6070	1.7563	0.7539	0.5634
0.2383	0.9830	0.5862	1.8395	0.7760	0.5832
0.2782	0.9839	0.5686	1.9109	0.7941	0.6010
0.3183	0.9854	0.5521	1.9809	0.8111	0.6191
0.3524	0.9866	0.5380	2.0418	0.8253	0.6354
0.3870	0.9871	0.5245	2.0999	0.8382	0.6514
0.4561	0.9900	0.4986	2.2200	0.8636	0.6859
0.5120	0.9910	0.4779	2.3170	0.8826	0.7153
0.5705	0.9922	0.4581	2.4148	0.9006	0.7462
0.6413	0.9932	0.4388	2.5135	0.9177	0.7787
0.6927	0.9946	0.4260	2.5836	0.9292	0.8025
0.7588	0.9952	0.4118	2.6613	0.9412	0.8298
0.8177	0.9958	0.3973	2.7443	0.9535	0.8598
0.8941	0.9974	0.3827	2.8341	0.9661	0.8933
0.9580	0.9981	0.3668	2.9335	0.9791	0.9317
1.0419	0.9987	0.3532	3.0227	0.9902	0.9673
1.1260	1.0001	0.3467	3.0695	0.9958	0.9863
1.2125	0.9996	0.3439	3.0879	0.9979	0.9940
1.3715	0.9998	0.3425	3.0975	0.9990	0.9979
1.5214	1.0003	0.3425	3.0991	0.9992	0.9986
1.9649	0.9996	0.3416	3.1033	0.9996	1.0003
2.3817	0.9998	0.3413	3.1058	1.0000	1.0014
2.8038	1.0000	0.3413	3.1065	1.0000	1.0016
3.2220	1.0000	0.3410	3.1084	1.0002	1.0024
3.6327	0.9997	0.3409	3.1080	1.0002	1.0023
4.0255	0.9995	0.3411	3.1068	1.0001	1.0018

CEL = 0.2618 DELL= .0432 DEL*= .1029 CM
THETA= .01848 H = 5.571 UE = 640.0 M/SEC
RHOE= 0.2246 KG/M**3 RUN = 2064

MACH = 3.00 PO = 297.9 KPA TO = 309.7 K
ALPHA= 2.10 Z/D= 4.44 PHI= 270.
RPM= 20000. PW = 6.85 KPA REL=7468263.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3699
0.0701	0.9679	0.7406	1.2390	0.5875	0.4599
0.0792	0.9695	0.7262	1.2945	0.6078	0.4690
0.1021	0.9725	0.6994	1.3973	0.6439	0.4870
0.1159	0.9745	0.6795	1.4732	0.6691	0.5012
0.1412	0.9765	0.6565	1.5611	0.6970	0.5187
0.1481	0.9775	0.6498	1.5880	0.7052	0.5243
0.1735	0.9785	0.6348	1.6451	0.7223	0.5364
0.1897	0.9799	0.6187	1.7084	0.7405	0.5504
0.2361	0.9825	0.5898	1.8245	0.7720	0.5775
0.2756	0.9840	0.5731	1.8933	0.7897	0.5944
0.3060	0.9855	0.5575	1.9590	0.8058	0.6112
0.3458	0.9866	0.5452	2.0120	0.8183	0.6251
0.3951	0.9873	0.5292	2.0805	0.8339	0.6437
0.4258	0.9882	0.5167	2.1359	0.8459	0.6592
0.4662	0.9894	0.5026	2.2007	0.8595	0.6778
0.5024	0.9899	0.4910	2.2538	0.8702	0.6936
0.5627	0.9910	0.4700	2.3544	0.8895	0.7244
0.6304	0.9930	0.4499	2.4566	0.9079	0.7570
0.6861	0.9945	0.4330	2.5465	0.9230	0.7870
0.7444	0.9954	0.4155	2.6420	0.9382	0.8200
0.8100	0.9967	0.3998	2.7322	0.9516	0.8523
0.8587	0.9966	0.3860	2.8123	0.9630	0.8819
0.9490	0.9985	0.3679	2.9276	0.9783	0.9260
1.0247	0.9991	0.3560	3.0053	0.9880	0.9568
1.1153	0.9996	0.3478	3.0610	0.9946	0.9793
1.1936	1.0000	0.3443	3.0855	0.9975	0.9894
1.2797	1.0001	0.3430	3.0951	0.9986	0.9934
1.3585	0.9994	0.3421	3.0993	0.9991	0.9951
1.5170	1.0003	0.3422	3.1012	0.9993	0.9958
1.9412	1.0001	0.3417	3.1037	0.9996	0.9969
2.3592	1.0000	0.3415	3.1053	0.9998	0.9975
2.7798	1.0003	0.3414	3.1063	0.9999	0.9980
3.1915	1.0002	0.3411	3.1079	1.0000	0.9986
3.6036	0.9996	0.3408	3.1092	1.0002	0.9992
3.9975	1.0006	0.3412	3.1085	1.0001	0.9989

CEL = 0.2642 DELL= .0459 DEL*= .1067 CM
THETA= .01856 H = 5.749 UE = 640.1 M/SEC
RHOE= 0.2259 KG/M**3 RUN = 2065

MACH = 3.00 PO = 298.2 KPA TO = 310.8 K
ALPHA= 2.10 Z/D= 4.44 PHI= 300.
RPM= 0. PW = 7.13 KPA REL=7449691.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3734
0.0271	0.9571	0.8262	0.8900	0.4469	0.4164
0.0442	0.9626	0.7855	1.0617	0.5199	0.4378
0.0515	0.9669	0.7527	1.1929	0.5717	0.4570
0.0760	0.9706	0.7189	1.3231	0.6198	0.4785
0.1006	0.9749	0.6787	1.4772	0.6723	0.5069
0.1301	0.9774	0.6494	1.5893	0.7073	0.5297
0.1647	0.9800	0.6227	1.6938	0.7383	0.5525
0.1969	0.9817	0.6021	1.7756	0.7611	0.5714
0.2416	0.9832	0.5828	1.8535	0.7817	0.5903
0.2915	0.9849	0.5636	1.9332	0.8017	0.6104
0.3265	0.9854	0.5540	1.9733	0.8114	0.6209
0.3793	0.9867	0.5400	2.0337	0.8256	0.6371
0.4197	0.9876	0.5261	2.0941	0.8392	0.6538
0.4576	0.9889	0.5107	2.1636	0.8541	0.6736
0.4957	0.9900	0.4954	2.2343	0.8687	0.6945
0.5467	0.9914	0.4752	2.3304	0.8875	0.7239
0.5825	0.9923	0.4635	2.3883	0.8982	0.7422
0.6235	0.9930	0.4521	2.4460	0.9085	0.7610
0.6595	0.9939	0.4425	2.4963	0.9172	0.7777
0.7138	0.9946	0.4287	2.5691	0.9292	0.8025
0.7552	0.9956	0.4143	2.6485	0.9417	0.8304
0.7916	0.9964	0.4022	2.7181	0.9522	0.8555
0.8646	0.9977	0.3846	2.8230	0.9671	0.8946
0.9233	0.9984	0.3725	2.8983	0.9771	0.9237
0.9901	0.9990	0.3641	2.9527	0.9841	0.9451
1.0597	0.9994	0.3571	2.9989	0.9899	0.9636
1.1482	1.0000	0.3504	3.0447	0.9954	0.9823
1.2315	1.0000	0.3475	3.0639	0.9977	0.9902
1.3312	1.0002	0.3465	3.0714	0.9985	0.9923
1.4149	1.0001	0.3459	3.0748	0.9989	0.9947
1.5802	1.0003	0.3461	3.0739	0.9988	0.9943
1.8655	1.0003	0.3459	3.0757	0.9990	0.9951
2.0409	1.0001	0.3456	3.0772	0.9992	0.9957
2.5159	1.0005	0.3455	3.0788	0.9994	0.9963
2.9843	1.0003	0.3452	3.0803	0.9996	0.9970
3.4281	1.0003	0.3450	3.0816	0.9997	0.9975
3.8974	1.0003	0.3448	3.0834	0.9999	0.9983
4.3562	1.0003	0.3446	3.0844	1.0000	0.9987
4.7793	1.0005	0.3446	3.0847	1.0001	0.9988

DEL = 0.2387 DELU= .0391 DEL*= .0938 CM
THETA= .01698 H = 5.527 UE = 629.6 M/SEC
RHOE= 0.2326 KG/M**3 RUN = 2008

MACH = 3.00 PO = 298.0 KPA TO = 310.7 K
ALPHA= 2.10 Z/D= 4.44 PHI= 300.
RPM= 20000. PW = 7.12 KPA REL=7425355.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3736
0.0780	0.9714	0.7116	1.3512	0.6294	0.4836
0.1048	0.9746	0.6776	1.4805	0.6730	0.5078
0.1097	0.9757	0.6676	1.5190	0.6854	0.5154
0.1636	0.9795	0.6239	1.6880	0.7363	0.5514
0.2055	0.9816	0.6017	1.7766	0.7610	0.5719
0.2475	0.9831	0.5808	1.8611	0.7833	0.5924
0.2871	0.9846	0.5650	1.9267	0.7998	0.6090
0.3245	0.9854	0.5519	1.9820	0.8131	0.6235
0.3744	0.9868	0.5337	2.0603	0.8312	0.6447
0.4170	0.9880	0.5206	2.1188	0.8442	0.6610
0.4497	0.9886	0.5092	2.1698	0.8551	0.6757
0.4930	0.9899	0.4937	2.2416	0.8698	0.6970
0.5432	0.9911	0.4768	2.3222	0.8855	0.7217
0.5737	0.9917	0.4682	2.3643	0.8934	0.7349
0.5890	0.9921	0.4624	2.3933	0.8987	0.7442
0.6374	0.9931	0.4462	2.4756	0.9132	0.7711
0.7092	0.9946	0.4267	2.5793	0.9304	0.8064
0.7685	0.9955	0.4099	2.6725	0.9450	0.8394
0.8307	0.9967	0.3942	2.7642	0.9584	0.8729
0.8909	0.9974	0.3796	2.8525	0.9706	0.9063
0.9626	0.9982	0.3675	2.9291	0.9807	0.9362
1.0423	0.9990	0.3570	2.9988	0.9894	0.9640
1.1329	0.9993	0.3501	3.0447	0.9949	0.9827
1.2317	0.9993	0.3471	3.0650	0.9973	0.9911
1.3067	0.9995	0.3464	3.0706	0.9980	0.9934
1.4033	0.9995	0.3460	3.0734	0.9983	0.9945
1.4974	0.9997	0.3458	3.0746	0.9985	0.9950
1.5782	0.9995	0.3458	3.0747	0.9985	0.9950
2.0198	0.9996	0.3454	3.0772	0.9988	0.9961
2.4830	0.9996	0.3454	3.0774	0.9988	0.9962
2.9626	0.9996	0.3450	3.0802	0.9991	0.9973
3.4172	0.9994	0.3448	3.0811	0.9992	0.9977
3.8671	0.9996	0.3446	3.0827	0.9994	0.9984
4.3127	0.9994	0.3444	3.0836	0.9995	0.9988
4.7565	0.9998	0.3442	3.0864	0.9998	0.9999

DEL = 0.2402 DELU= .0406 DEL*= .0945 CM
THETA= .01667 H = 5.671 UE = 639.8 M/SEC
RHOE= 0.2319 KG/M**3 RUN = 2009

MACH = 3.00 PO = 298.6 KPA TO = 312.1 K
ALPHA= 2.10 Z/D= 4.44 PHI= 330.
RPM= 0. PW = 7.42 KPA REL=7417043.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9218	0.9218	0.0000	0.0000	0.3782
0.0366	0.9590	0.8183	0.9271	0.4650	0.4261
0.0518	0.9639	0.7822	1.0776	0.5284	0.4457
0.0670	0.9696	0.7341	1.2564	0.6016	0.4749
0.0874	0.9724	0.7073	1.3691	0.6384	0.4929
0.1180	0.9768	0.6645	1.5330	0.6928	0.5248
0.1622	0.9802	0.6242	1.6889	0.7398	0.5586
0.2458	0.9839	0.5805	1.8641	0.7874	0.6006
0.2458	0.9839	0.5805	1.8641	0.7874	0.6006
0.2878	0.9852	0.5666	1.9218	0.8020	0.6154
0.3247	0.9862	0.5534	1.9773	0.8155	0.6301
0.3828	0.9879	0.5340	2.0613	0.8350	0.6531
0.4226	0.9887	0.5204	2.1213	0.8483	0.6701
0.4679	0.9899	0.5063	2.1855	0.8620	0.6869
0.5080	0.9909	0.4920	2.2518	0.8755	0.7069
0.5590	0.9919	0.4779	2.3191	0.8887	0.7298
0.5912	0.9929	0.4643	2.3858	0.9012	0.7512
0.6398	0.9941	0.4498	2.4608	0.9146	0.7759
0.6913	0.9950	0.4337	2.5438	0.9286	0.8042
0.7403	0.9957	0.4191	2.6230	0.9414	0.8321
0.8772	0.9979	0.3851	2.8210	0.9705	0.9056
0.8772	0.9981	0.3851	2.8210	0.9705	0.9056
0.9407	0.9989	0.3763	2.8761	0.9779	0.9270
0.9935	0.9991	0.3689	2.9228	0.9840	0.9455
1.1035	1.0000	0.3573	2.9988	0.9936	0.9762
1.1830	1.0003	0.3530	3.0279	0.9972	0.9882
1.2967	1.0005	0.3504	3.0453	0.9993	0.9954
1.3908	1.0003	0.3498	3.0495	0.9998	0.9972
1.4908	1.0005	0.3497	3.0504	0.9999	0.9975
1.6772	1.0003	0.3496	3.0507	0.9999	0.9977
1.8410	1.0005	0.3496	3.0513	1.0000	0.9979
2.0662	1.0003	0.3495	3.0516	1.0000	0.9980
2.2405	1.0005	0.3497	3.0507	0.9999	0.9976
2.7592	1.0005	0.3494	3.0528	1.0001	0.9985
3.2410	1.0003	0.3493	3.0525	1.0001	0.9984
3.7349	1.0005	0.3491	3.0543	1.0003	0.9991
4.2064	1.0005	0.3490	3.0552	1.0004	0.9995
4.6985	1.0004	0.3489	3.0555	1.0005	0.9997
5.1288	1.0007	0.3489	3.0564	1.0006	1.0000

DEL = 0.2251 DELL= .0370 DEL*= .0872 CM
THETA= .01586 H = 5.496 UE = 638.7 M/SEC
RHOE= 0.2372 KG/M**3 RUN = 2019

MACH = 3.00 PO = 298.6 KPA TO = 312.2 K
ALPHA= 2.10 Z/D= 4.44 PHI= 330.
RPM= 20000. PW = 7.41 KPA REL=7406533.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9218	0.9218	0.0000	0.0000	0.3781
0.0819	0.9681	0.7469	1.2171	0.5829	0.4666
0.1140	0.9743	0.6880	1.4424	0.6631	0.5065
0.1315	0.9763	0.6653	1.5287	0.6912	0.5237
0.1516	0.9780	0.6497	1.5895	0.7100	0.5364
0.1717	0.9794	0.6337	1.6517	0.7287	0.5500
0.1944	0.9806	0.6201	1.7048	0.7440	0.5620
0.2348	0.9828	0.5930	1.8131	0.7738	0.5877
0.2855	0.9843	0.5748	1.8875	0.7931	0.6063
0.3262	0.9860	0.5554	1.9689	0.8131	0.6276
0.3671	0.9869	0.5442	2.0169	0.8245	0.6406
0.4081	0.9880	0.5300	2.0786	0.8386	0.6577
0.4492	0.9890	0.5139	2.1498	0.8541	0.6781
0.4905	0.9900	0.5023	2.2032	0.8653	0.6939
0.5527	0.9915	0.4817	2.3002	0.8847	0.7236
0.6282	0.9933	0.4558	2.4283	0.9085	0.7648
0.6858	0.9943	0.4382	2.5192	0.9242	0.7954
0.7490	0.9955	0.4201	2.6167	0.9400	0.8295
0.8098	0.9969	0.4046	2.7051	0.9535	0.8616
0.8869	0.9979	0.3876	2.8059	0.9680	0.8994
0.9554	0.9986	0.3736	2.8919	0.9796	0.9329
1.0198	0.9991	0.3657	2.9427	0.9862	0.9531
1.0791	0.9995	0.3575	2.9964	0.9929	0.9749
1.1202	0.9998	0.3550	3.0134	0.9950	0.9818
1.2382	1.0000	0.3512	3.0393	0.9981	0.9925
1.3235	1.0003	0.3502	3.0465	0.9990	0.9955
1.4090	1.0001	0.3500	3.0474	0.9991	0.9959
1.5196	1.0003	0.3498	3.0492	0.9993	0.9966
1.6999	1.0003	0.3496	3.0504	0.9995	0.9971
2.1745	1.0001	0.3493	3.0522	0.9997	0.9979
2.6524	1.0003	0.3493	3.0528	0.9998	0.9981
3.1406	1.0003	0.3493	3.0525	0.9997	0.9980
3.5949	1.0002	0.3490	3.0543	0.9999	0.9988
4.0728	1.0003	0.3490	3.0546	1.0000	0.9989
4.5369	1.0002	0.3490	3.0543	0.9999	0.9988
4.9597	1.0004	0.3487	3.0567	1.0002	0.9998

DEL = 0.2331 DELL= .0415 DEL*= .0933 CM
THETA= .01639 H = 5.694 UE = 639.0 M/SEC
RHOE= 0.2372 KG/M**3 RUN = 2020

MACH = 3.00 PO = 297.8 KPA TO = 309.3 K
ALPHA= 4.20 Z/D= 4.44 PHI= 0.
RPM= 0. PW = 8.07 KPA REL=7463871.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.3904
0.0397	0.9655	0.7832	1.0788	0.5338	0.4604
0.0619	0.9668	0.7640	1.1521	0.5633	0.4715
0.0842	0.9697	0.7392	1.2487	0.6005	0.4874
0.1098	0.9729	0.7113	1.3560	0.6396	0.5066
0.1322	0.9770	0.6802	1.4772	0.6811	0.5303
0.1581	0.9787	0.6538	1.5761	0.7127	0.5513
0.1744	0.9802	0.6348	1.6496	0.7350	0.5678
0.2071	0.9827	0.6077	1.7567	0.7658	0.5932
0.2300	0.9840	0.5917	1.8210	0.7833	0.6092
0.2562	0.9855	0.5731	1.8967	0.8030	0.6289
0.2990	0.9869	0.5525	1.9827	0.8242	0.6523
0.3253	0.9881	0.5396	2.0384	0.8374	0.6680
0.3649	0.9893	0.5282	2.0894	0.8490	0.6827
0.3980	0.9897	0.5151	2.1463	0.8615	0.6996
0.4411	0.9908	0.5055	2.1907	0.8710	0.7132
0.4810	0.9910	0.4943	2.2414	0.8814	0.7289
0.5110	0.9914	0.4864	2.2786	0.8889	0.7407
0.5545	0.9927	0.4754	2.3324	0.8994	0.7582
0.6249	0.9940	0.4572	2.4230	0.9162	0.7885
0.6249	0.9936	0.4570	2.4230	0.9162	0.7885
0.6585	0.9941	0.4499	2.4592	0.9226	0.8009
0.6922	0.9946	0.4393	2.5140	0.9321	0.8201
0.7463	0.9965	0.4271	2.5817	0.9433	0.8444
0.8210	0.9966	0.4118	2.6647	0.9564	0.8751
0.8618	0.9972	0.4023	2.7189	0.9646	0.8956
0.9542	0.9988	0.3853	2.8215	0.9793	0.9356
1.0401	0.9997	0.3734	2.8960	0.9894	0.9657
1.1377	1.0001	0.3650	2.9496	0.9964	0.9878
1.2693	1.0001	0.3619	2.9694	0.9990	0.9961
1.3973	0.9998	0.3607	2.9762	0.9998	0.9989
1.5186	1.0002	0.3608	2.9768	0.9999	0.9991
1.6258	1.0000	0.3606	2.9776	1.0000	0.9995
1.8661	0.9998	0.3603	2.9790	1.0002	1.0000
2.2195	0.9997	0.3601	2.9798	1.0003	1.0004
2.8300	1.0004	0.3603	2.9801	1.0003	1.0005
3.4445	0.9998	0.3598	2.9821	1.0005	1.0014
4.0689	1.0001	0.3595	2.9824	1.0006	1.0015

DEL = 0.1791 DELU= .0287 DEL*= .0665 CM
THETA= .01259 H = 5.283 UE = 630.5 M/SEC
RHOE= 0.2515 KG/M**3 RUN = 2072

MACH = 3.00 PO = 297.9 KPA TO = 309.4 K
ALPHA= 4.20 Z/D= 4.44 PHI= 0.
RPM= 20000. PW = 8.07 KPA REL=7465880.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.3901
0.1391	0.9768	0.6788	1.4816	0.6826	0.5309
0.1519	0.9772	0.6683	1.5202	0.6951	0.5389
0.1775	0.9804	0.6368	1.6424	0.7330	0.5657
0.2030	0.9819	0.6150	1.7271	0.7575	0.5856
0.2289	0.9839	0.5952	1.8070	0.7796	0.6052
0.2578	0.9854	0.5744	1.8913	0.8017	0.6270
0.2804	0.9867	0.5609	1.9483	0.8160	0.6424
0.3127	0.9878	0.5482	2.0022	0.8289	0.6572
0.3580	0.9892	0.5272	2.0934	0.8499	0.6834
0.4230	0.9902	0.5109	2.1658	0.8658	0.7050
0.4719	0.9913	0.4988	2.2220	0.8775	0.7223
0.5243	0.9922	0.4856	2.2840	0.8900	0.7420
0.5735	0.9927	0.4722	2.3479	0.9024	0.7627
0.6361	0.9943	0.4549	2.4350	0.9184	0.7920
0.6890	0.9951	0.4402	2.5203	0.9315	0.8182
0.7355	0.9956	0.4293	2.5683	0.9412	0.8389
0.8054	0.9966	0.4142	2.6514	0.9544	0.8694
0.8321	0.9975	0.4068	2.6944	0.9610	0.8856
0.9058	0.9980	0.3924	2.7782	0.9733	0.9179
1.0305	0.9993	0.3748	2.8865	0.9883	0.9611
1.1358	1.0000	0.3663	2.9414	0.9955	0.9836
1.2556	1.0003	0.3622	2.9677	0.9988	0.9946
1.3534	1.0001	0.3611	2.9745	0.9997	0.9974
1.4898	1.0003	0.3609	2.9764	0.9999	0.9983
1.5880	1.0000	0.3607	2.9770	1.0000	0.9985
1.8307	1.0000	0.3606	2.9779	1.0001	0.9988
2.1810	1.0002	0.3604	2.9796	1.0003	0.9996
2.7764	1.0002	0.3602	2.9807	1.0005	1.0000
3.3829	1.0004	0.3602	2.9812	1.0005	1.0002
3.9917	1.0007	0.3603	2.9815	1.0006	1.0004
4.6006	1.0009	0.3611	2.9762	0.9999	0.9982
5.1854	1.0003	0.3614	2.9728	0.9994	0.9968
5.7786	1.0005	0.3614	2.9737	0.9996	0.9971
6.3623	1.0005	0.3606	2.9790	1.0002	0.9993

DEL = 0.1826 DELU= .0320 DEL*= .0690 CM
THETA= .01215 H = 5.682 UE = 630.5 M/SEC
RHOE= 0.2516 KG/M**3 RUN = 2073

MACH = 3.00 PO = 298.1 KPA TO = 308.2 K
ALPHA= 4.20 Z/D= 4.44 PHI= 30.
RPM= 0. PW = 7.79 KPA REL=7507233.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9228	0.9228	0.0000	0.0000	0.3865
0.0429	0.9662	0.7712	1.1245	0.5505	0.4626
0.0722	0.9720	0.7201	1.3224	0.6255	0.4954
0.0957	0.9739	0.7006	1.3966	0.6516	0.5091
0.1252	0.9785	0.6542	1.5743	0.7098	0.5453
0.1341	0.9802	0.6330	1.6562	0.7345	0.5635
0.1795	0.9824	0.6074	1.7571	0.7633	0.5873
0.2291	0.9845	0.5798	1.8683	0.7930	0.6152
0.2681	0.9863	0.5593	1.9539	0.8145	0.6378
0.3199	0.9873	0.5433	2.0215	0.8307	0.6565
0.3689	0.9881	0.5350	2.0581	0.8391	0.6668
0.4211	0.9894	0.5178	2.1339	0.8560	0.6889
0.4673	0.9906	0.5021	2.2055	0.8711	0.7104
0.5199	0.9918	0.4869	2.2769	0.8856	0.7327
0.5820	0.9928	0.4707	2.3549	0.9006	0.7578
0.6506	0.9944	0.4471	2.4738	0.9221	0.7978
0.7384	0.9958	0.4223	2.6057	0.9440	0.8445
0.8141	0.9969	0.4060	2.6974	0.9582	0.8784
0.8901	0.9977	0.3931	2.7733	0.9693	0.9073
0.9857	0.9988	0.3760	2.8776	0.9837	0.9485
1.1044	0.9994	0.3655	2.9449	0.9925	0.9758
1.2078	0.9997	0.3608	2.9759	0.9965	0.9886
1.3285	1.0000	0.3589	2.9889	0.9981	0.9940
1.4282	0.9999	0.3584	2.9915	0.9984	0.9951
1.5415	0.9999	0.3582	2.9927	0.9986	0.9956
1.6450	0.9997	0.3583	2.9918	0.9984	0.9952
1.8762	0.9997	0.3579	2.9944	0.9988	0.9963
2.2132	0.9999	0.3576	2.9970	0.9991	0.9974
2.7803	0.9998	0.3571	2.9996	0.9994	0.9985
3.3652	0.9996	0.3566	3.0028	0.9998	0.9998
3.9310	1.0000	0.3564	3.0051	1.0001	1.0008
4.4975	1.0000	0.3562	3.0065	1.0003	1.0014
5.0679	0.9999	0.3577	2.9964	0.9990	0.9972
5.6331	1.0000	0.3569	3.0016	0.9997	0.9993
6.1576	0.9998	0.3563	3.0048	1.0000	1.0007

DEL = 0.1917 DELU= .0300 DEL*= .0710 CM
THETA= .01340 H = 5.297 UE = 631.4 M/SEC
RHOE= 0.2471 KG/M**3 RUN = 2030

MACH = 3.00 PO = 298.1 KPA TO = 308.2 K
ALPHA= 4.20 Z/D= 4.44 PHI= 30.
RPM= 20000. PW = 7.79 KPA REL=7510406.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9228	0.9228	0.0000	0.0000	0.3865
0.1264	0.9787	0.6486	1.5951	0.7161	0.5499
0.1439	0.9798	0.6334	1.6537	0.7337	0.5620
0.1760	0.9818	0.6106	1.7436	0.7595	0.5841
0.1936	0.9832	0.5958	1.8032	0.7758	0.5987
0.2230	0.9845	0.5798	1.8682	0.7929	0.6152
0.2643	0.9859	0.5590	1.9544	0.8145	0.6380
0.3155	0.9870	0.5449	2.0141	0.8288	0.6544
0.3547	0.9881	0.5303	2.0775	0.8434	0.6724
0.4153	0.9893	0.5143	2.1488	0.8591	0.6933
0.4669	0.9905	0.4976	2.2253	0.8751	0.7166
0.5188	0.9915	0.4829	2.2948	0.8890	0.7384
0.5739	0.9926	0.4683	2.3658	0.9025	0.7615
0.6262	0.9935	0.4541	2.4369	0.9155	0.7852
0.6694	0.9942	0.4436	2.4911	0.9250	0.8038
0.7499	0.9957	0.4219	2.6074	0.9442	0.8452
0.8246	0.9968	0.4052	2.7015	0.9587	0.8800
0.9091	0.9978	0.3885	2.8006	0.9731	0.9180
0.9720	0.9983	0.3775	2.8677	0.9823	0.9445
1.0795	0.9990	0.3668	2.9355	0.9912	0.9720
1.1878	0.9995	0.3614	2.9715	0.9958	0.9868
1.3002	0.9995	0.3591	2.9860	0.9976	0.9929
1.4084	0.9997	0.3586	2.9898	0.9981	0.9944
1.5201	0.9995	0.3582	2.9918	0.9983	0.9953
1.6221	0.9997	0.3583	2.9921	0.9984	0.9954
2.1857	0.9996	0.3574	2.9973	0.9990	0.9976
2.7316	0.9996	0.3568	3.0013	0.9995	0.9993
3.3149	0.9996	0.3565	3.0034	0.9997	1.0001
3.8764	0.9997	0.3562	3.0054	1.0000	1.0010
4.4383	0.9997	0.3559	3.0074	1.0002	1.0018
5.0078	0.9994	0.3574	2.9967	0.9989	0.9973
5.5516	0.9994	0.3576	2.9959	0.9988	0.9970
6.0877	0.9997	0.3562	3.0054	1.0000	1.0010

DEL = 0.1944 DELU= .0324 DEL*= .0724 CM
THETA= .01291 H = 5.605 UE = 631.3 M/SEC
RHOE= 0.2472 KG/M**3 RUN = 2031

MACH = 3.00 PO = 298.4 KPA TO = 305.1 K
ALPHA= 4.20 Z/D= 4.44 PHI= 60.
RPM= 0. PW = 7.12 KPA REL=7649685.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3742
0.0323	0.9613	0.7993	1.0065	0.4974	0.4314
0.0350	0.9630	0.7875	1.0559	0.5178	0.4379
0.0617	0.9692	0.7346	1.2638	0.5987	0.4694
0.0778	0.9722	0.7063	1.3718	0.6372	0.4881
0.1073	0.9753	0.6764	1.4865	0.6757	0.5098
0.1154	0.9779	0.6495	1.5899	0.7082	0.5310
0.1586	0.9805	0.6198	1.7056	0.7422	0.5564
0.1748	0.9816	0.6066	1.7583	0.7568	0.5685
0.1938	0.9826	0.5942	1.8080	0.7702	0.5804
0.2156	0.9836	0.5820	1.8574	0.7831	0.5925
0.2403	0.9846	0.5728	1.8960	0.7930	0.6022
0.2764	0.9868	0.5471	2.0045	0.8193	0.6306
0.3350	0.9874	0.5386	2.0413	0.8278	0.6405
0.3910	0.9888	0.5199	2.1237	0.8461	0.6636
0.4303	0.9902	0.5061	2.1870	0.8595	0.6819
0.4698	0.9911	0.4929	2.2483	0.8720	0.7002
0.5235	0.9920	0.4780	2.3189	0.8858	0.7219
0.5690	0.9934	0.4608	2.4038	0.9015	0.7489
0.6033	0.9942	0.4516	2.4513	0.9100	0.7644
0.6660	0.9952	0.4372	2.5260	0.9227	0.7895
0.7062	0.9958	0.4250	2.5911	0.9333	0.8119
0.7551	0.9966	0.4103	2.6731	0.9460	0.8410
0.8071	0.9978	0.3969	2.7512	0.9575	0.8696
0.8825	0.9987	0.3805	2.8499	0.9713	0.9069
0.9555	0.9994	0.3694	2.9199	0.9805	0.9341
1.0317	1.0001	0.3605	2.9782	0.9879	0.9573
1.0906	1.0005	0.3547	3.0174	0.9927	0.9732
1.2036	1.0004	0.3501	3.0473	0.9963	0.9855
1.2975	1.0007	0.3492	3.0542	0.9971	0.9883
1.4067	1.0007	0.3487	3.0575	0.9975	0.9897
1.4979	1.0005	0.3490	3.0554	0.9972	0.9888
1.7055	1.0006	0.3478	3.0632	0.9982	0.9920
2.0062	1.0006	0.3475	3.0657	0.9985	0.9930
2.5195	1.0006	0.3466	3.0716	0.9991	0.9955
3.0617	1.0005	0.3457	3.0771	0.9998	0.9978
3.5799	1.0005	0.3453	3.0806	1.0002	0.9992
4.1047	1.0004	0.3447	3.0843	1.0006	1.0007
4.6215	1.0004	0.3440	3.0891	1.0012	1.0028

DEL = 0.2105 DELL= .0328 DEL*= .0797 CM
THETA= .01454 H = 5.482 UE = 633.4 M/SEC
RHOE= 0.2357 KG/M**3 RUN = 2041

MACH = 3.00 PO = 298.4 KPA TO = 304.9 K
ALPHA= 4.20 Z/D= 4.44 PHI= 60.
RPM= 20000. PW = 7.12 KPA REL=7644898.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3745
0.0802	0.9723	0.7068	1.3707	0.6368	0.4884
0.0989	0.9756	0.6716	1.5043	0.6814	0.5138
0.1177	0.9782	0.6463	1.6023	0.7119	0.5341
0.1580	0.9809	0.6149	1.7251	0.7476	0.5613
0.2013	0.9834	0.5855	1.8433	0.7795	0.5895
0.2202	0.9841	0.5762	1.8813	0.7892	0.5990
0.2284	0.9848	0.5702	1.9068	0.7956	0.6055
0.2976	0.9867	0.5461	2.0082	0.8201	0.6321
0.3421	0.9879	0.5320	2.0701	0.8343	0.6491
0.3728	0.9885	0.5221	2.1134	0.8438	0.6612
0.4456	0.9903	0.5000	2.2140	0.8651	0.6905
0.5131	0.9919	0.4772	2.3223	0.8864	0.7236
0.5895	0.9935	0.4541	2.4373	0.9075	0.7605
0.6664	0.9946	0.4345	2.5389	0.9248	0.7946
0.7351	0.9961	0.4156	2.6426	0.9413	0.8308
0.8070	0.9972	0.3982	2.7424	0.9562	0.8671
0.8793	0.9982	0.3827	2.8358	0.9693	0.9023
0.9374	0.9987	0.3720	2.9024	0.9782	0.9281
1.0220	0.9996	0.3613	2.9718	0.9871	0.9556
1.0895	0.9999	0.3553	3.0120	0.9920	0.9719
1.1991	1.0002	0.3510	3.0410	0.9955	0.9837
1.2926	1.0001	0.3495	3.0507	0.9967	0.9877
1.4015	1.0001	0.3488	3.0554	0.9972	0.9897
1.4954	1.0003	0.3486	3.0575	0.9975	0.9906
1.6991	1.0004	0.3481	3.0607	0.9978	0.9919
2.0048	1.0000	0.3475	3.0644	0.9983	0.9934
2.5133	1.0005	0.3467	3.0706	0.9990	0.9960
3.0407	1.0003	0.3459	3.0759	0.9996	0.9982
3.5760	1.0004	0.3453	3.0799	1.0001	0.9998
4.0895	1.0002	0.3447	3.0836	1.0005	1.0014
4.5886	1.0001	0.3442	3.0867	1.0009	1.0027
5.1102	1.0001	0.3441	3.0870	1.0009	1.0028
5.6083	1.0002	0.3443	3.0864	1.0009	1.0025

DEL = 0.2113 DELL= .0341 DEL*= .0801 CM
THETA= .01419 H = 5.644 UE = 633.3 M/SEC
RHOE= 0.2353 KG/M**3 RUN = 2042

MACH = 3.00 PO = 298.1 KPA TO = 309.6 K
ALPHA= 4.20 Z/D= 4.44 PHI= 90.
RPM= 0. PW = 6.42 KPA REL=7463993.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9195	0.9195	0.0000	0.0000	0.3583
0.0263	0.9583	0.8077	0.9656	0.4739	0.4080
0.0431	0.9625	0.7762	1.0956	0.5271	0.4245
0.0744	0.9693	0.7192	1.3184	0.6107	0.4580
0.1083	0.9749	0.6712	1.5043	0.6729	0.4912
0.1349	0.9771	0.6439	1.6084	0.7048	0.5118
0.1665	0.9802	0.6090	1.7459	0.7440	0.5411
0.2103	0.9828	0.5823	1.8543	0.7726	0.5661
0.2592	0.9847	0.5560	1.9633	0.7994	0.5928
0.2912	0.9856	0.5427	2.0199	0.8126	0.6072
0.3330	0.9869	0.5251	2.0971	0.8299	0.6276
0.3775	0.9879	0.5117	2.1571	0.8427	0.6440
0.4271	0.9890	0.4970	2.2250	0.8566	0.6631
0.4534	0.9899	0.4854	2.2794	0.8673	0.6788
0.5021	0.9907	0.4686	2.3600	0.8824	0.7029
0.5454	0.9927	0.4555	2.4284	0.8947	0.7240
0.5887	0.9931	0.4414	2.5000	0.9069	0.7467
0.6550	0.9944	0.4220	2.6040	0.9238	0.7809
0.7189	0.9954	0.4050	2.6999	0.9383	0.8137
0.7803	0.9974	0.3887	2.7981	0.9522	0.8485
0.8495	0.9976	0.3725	2.8965	0.9654	0.8847
0.9112	0.9981	0.3601	2.9760	0.9754	0.9149
0.9626	0.9991	0.3524	3.0294	0.9819	0.9355
1.0502	1.0002	0.3443	3.0859	0.9884	0.9578
1.1018	0.9995	0.3400	3.1140	0.9916	0.9691
1.1897	0.9993	0.3372	3.1332	0.9938	0.9768
1.3553	1.0002	0.3358	3.1450	0.9951	0.9816
1.6188	0.9998	0.3351	3.1493	0.9956	0.9834
2.0559	1.0006	0.3341	3.1580	0.9965	0.9869
2.5024	1.0001	0.3329	3.1657	0.9974	0.9901
2.9436	1.0000	0.3319	3.1724	0.9981	0.9928
3.3780	1.0003	0.3312	3.1784	0.9988	0.9953
3.8074	1.0005	0.3304	3.1846	0.9994	0.9978
4.2179	1.0000	0.3299	3.1867	0.9996	0.9987

DEL = 0.2504 DELL= .0395 DEL*= .0977 CM
THETA= .01693 H = 5.770 UE = 645.8 M/SEC
RHOE= 0.2186 KG/M**3 RUN = 2062

MACH = 3.00 PO = 297.5 KPA TO = 309.6 K
ALPHA= 4.20 Z/D= 4.44 PHI= 90.
RPM= 20000. PW = 6.42 KPA REL=7465123.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9195	0.9195	0.0000	0.0000	0.3583
0.0637	0.9682	0.7305	1.2755	0.5954	0.4509
0.0661	0.9689	0.7171	1.3250	0.6130	0.4591
0.0898	0.9733	0.6845	1.4523	0.6562	0.4814
0.1065	0.9754	0.6564	1.5588	0.6898	0.5017
0.1327	0.9782	0.6293	1.6650	0.7213	0.5235
0.1494	0.9802	0.6154	1.7218	0.7373	0.5357
0.1637	0.9806	0.6041	1.7652	0.7492	0.5454
0.2068	0.9829	0.5743	1.8862	0.7806	0.5736
0.2525	0.9841	0.5527	1.9752	0.8022	0.5957
0.2887	0.9854	0.5388	2.0359	0.8162	0.6112
0.3275	0.9866	0.5274	2.0864	0.8275	0.6246
0.3785	0.9879	0.5103	2.1629	0.8439	0.6455
0.4200	0.9889	0.4965	2.2269	0.8569	0.6636
0.4518	0.9897	0.4851	2.2808	0.8675	0.6792
0.4938	0.9905	0.4692	2.3569	0.8818	0.7019
0.5338	0.9917	0.4566	2.4205	0.8933	0.7214
0.5688	0.9925	0.4446	2.4824	0.9040	0.7410
0.6215	0.9939	0.4303	2.5588	0.9166	0.7658
0.6818	0.9950	0.4135	2.6519	0.9311	0.7971
0.7446	0.9958	0.3958	2.7533	0.9459	0.8324
0.8101	0.9967	0.3815	2.8394	0.9578	0.8634
0.8657	0.9974	0.3684	2.9217	0.9686	0.8940
0.9263	0.9982	0.3581	2.9897	0.9770	0.9200
0.9972	0.9988	0.3485	3.0545	0.9848	0.9453
1.0810	0.9992	0.3417	3.1019	0.9902	0.9641
1.1648	0.9995	0.3381	3.1271	0.9931	0.9742
1.2537	0.9992	0.3366	3.1375	0.9942	0.9784
1.3404	1.0000	0.3363	3.1413	0.9947	0.9800
1.5841	0.9993	0.3351	3.1477	0.9954	0.9826
2.0243	0.9997	0.3339	3.1576	0.9965	0.9866
2.4607	1.0001	0.3330	3.1650	0.9973	0.9896
2.8971	0.9998	0.3320	3.1710	0.9979	0.9921
3.3139	0.9995	0.3311	3.1770	0.9986	0.9946
3.7465	0.9998	0.3306	3.1814	0.9991	0.9963
4.1501	1.0000	0.3302	3.1850	0.9994	0.9978

DEL = 0.2546 DELL= .0411 DEL*= .0991 CM
THETA= .01681 H = 5.897 UE = 645.7 M/SEC
RHOE= 0.2187 KG/M**3 RUN = 2063

MACH = 3.00 PO = 298.2 KPA TO = 309.1 K
ALPHA= 4.20 Z/D= 4.44 PHI= 120.
RPM= 0. PW = 6.33 KPA REL=7517790.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9184	0.9184	0.0000	0.0000	0.2485
0.0203	0.9506	0.8494	0.7715	0.3863	0.3767
0.0433	0.9579	0.8030	0.9819	0.4781	0.3986
0.0549	0.9623	0.7702	1.1165	0.5324	0.4155
0.0814	0.9675	0.7301	1.2750	0.5919	0.4384
0.1046	0.9717	0.6911	1.4247	0.6435	0.4631
0.1346	0.9747	0.6600	1.5443	0.6816	0.4850
0.1798	0.9778	0.6269	1.6730	0.7196	0.5106
0.2202	0.9804	0.6015	1.7745	0.7476	0.5323
0.2676	0.9824	0.5769	1.8746	0.7734	0.5550
0.3084	0.9840	0.5571	1.9574	0.7936	0.5747
0.3546	0.9855	0.5356	2.0494	0.8148	0.5977
0.3941	0.9870	0.5187	2.1249	0.8312	0.6173
0.4356	0.9888	0.4977	2.2211	0.8511	0.6434
0.4773	0.9903	0.4792	2.3092	0.8682	0.6684
0.5226	0.9917	0.4596	2.4060	0.8858	0.6969
0.5665	0.9929	0.4424	2.4945	0.9010	0.7240
0.6076	0.9943	0.4249	2.5883	0.9162	0.7539
0.6471	0.9951	0.4099	2.6718	0.9290	0.7814
0.6974	0.9962	0.3966	2.7493	0.9402	0.8077
0.7605	0.9975	0.3792	2.8550	0.9547	0.8449
0.8200	0.9983	0.3661	2.9385	0.9654	0.8752
0.8816	0.9990	0.3560	3.0053	0.9736	0.9001
0.9360	0.9995	0.3475	3.0626	0.9804	0.9219
0.9978	1.0000	0.3419	3.1023	0.9849	0.9373
1.1226	1.0003	0.3369	3.1378	0.9889	0.9512
1.2331	1.0004	0.3362	3.1431	0.9895	0.9533
1.3638	1.0002	0.3358	3.1455	0.9897	0.9542
1.6754	1.0005	0.3351	3.1506	0.9903	0.9563
1.9881	1.0005	0.3346	3.1546	0.9907	0.9579
2.2954	1.0007	0.3340	3.1591	0.9912	0.9596
2.6014	1.0009	0.3336	3.1628	0.9916	0.9611
2.8935	1.0009	0.3330	3.1672	0.9921	0.9628
3.2007	1.0007	0.3332	3.1652	0.9919	0.9621
3.4839	1.0017	0.3325	3.1726	0.9927	0.9650

DEL = 0.3554 DELU= .0596 DEL*= .1447 CM
THETA= .02364 H = 6.120 UE = 648.5 M/SEC
RHOE= 0.2238 KG/M**3 RUN = 2004

MACH = 3.00 PO = 296.1 KPA TO = 308.8 K
ALPHA= 4.20 Z/D= 4.44 PHI= 120.
RPM= 26000. PW = 6.34 KPA REL=7555526.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9197	0.9197	0.0000	0.0000	0.3597
0.0628	0.9609	0.7894	1.0425	0.5082	0.4191
0.0817	0.9672	0.7443	1.2237	0.5792	0.4445
0.1064	0.9724	0.7000	1.3948	0.6401	0.4728
0.1292	0.9746	0.6774	1.4813	0.6687	0.4886
0.1731	0.9782	0.6395	1.6273	0.7138	0.5176
0.2008	0.9801	0.6201	1.7036	0.7358	0.5338
0.2384	0.9819	0.6012	1.7796	0.7567	0.5508
0.2732	0.9832	0.5859	1.8414	0.7730	0.5651
0.3042	0.9847	0.5722	1.8985	0.7875	0.5788
0.3392	0.9859	0.5573	1.9609	0.8027	0.5944
0.3646	0.9868	0.5471	2.0049	0.8130	0.6056
0.4116	0.9888	0.5270	2.0931	0.8330	0.6289
0.4668	0.9901	0.5068	2.1834	0.8522	0.6538
0.5123	0.9918	0.4880	2.2720	0.8700	0.6792
0.5660	0.9934	0.4681	2.3689	0.8883	0.7082
0.6141	0.9946	0.4515	2.4523	0.9032	0.7343
0.6665	0.9962	0.4326	2.5522	0.9199	0.7666
0.7158	0.9972	0.4185	2.6292	0.9321	0.7924
0.7548	0.9983	0.4064	2.6986	0.9426	0.8163
0.8042	0.9990	0.3936	2.7731	0.9533	0.8427
0.8681	1.0001	0.3796	2.8591	0.9651	0.8741
0.9301	1.0013	0.3654	2.9497	0.9768	0.9082
1.0067	1.0020	0.3545	3.0222	0.9857	0.9362
1.0752	1.0029	0.3465	3.0773	0.9922	0.9580
1.1313	1.0031	0.3423	3.1069	0.9956	0.9695
1.2126	1.0033	0.3400	3.1233	0.9974	0.9766
1.2834	1.0037	0.3391	3.1307	0.9983	0.9796
1.4173	1.0037	0.3383	3.1362	0.9989	0.9818
1.5521	1.0037	0.3381	3.1373	0.9990	0.9822
1.9150	1.0040	0.3374	3.1431	0.9996	0.9846
2.2750	1.0044	0.3366	3.1498	1.0004	0.9873
2.6266	1.0042	0.3358	3.1545	1.0009	0.9893
2.9745	1.0045	0.3353	3.1585	1.0013	0.9909
3.3191	1.0047	0.3349	3.1619	1.0017	0.9923
3.6624	1.0048	0.3352	3.1605	1.0015	0.9917

DEL = 0.3106 DELU= .0566 DEL*= .1314 CM
THETA= .02149 H = 6.114 UE = 642.0 M/SEC
RHOE= 0.2173 KG/M**3 RUN = 2005

MACH = 3.00 PO = 298.1 KPA TO = 308.3 K
ALPHA= 4.20 Z/D= 4.44 PHI= 150.
RPM= 0. PW = 6.65 KPA REL=7656938.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9203	0.9203	0.0000	0.0000	0.3649
0.0189	0.9518	0.8562	0.7472	0.3830	0.3923
0.0287	0.9565	0.8341	0.8563	0.4331	0.4029
0.0610	0.9678	0.7552	1.1864	0.5708	0.4452
0.1114	0.9737	0.7048	1.3811	0.6419	0.4772
0.1636	0.9771	0.6728	1.5039	0.6828	0.5000
0.2103	0.9799	0.6428	1.6192	0.7186	0.5233
0.2633	0.9825	0.6182	1.7165	0.7469	0.5444
0.3107	0.9845	0.5946	1.8108	0.7727	0.5660
0.3555	0.9866	0.5756	1.8895	0.7931	0.5850
0.4095	0.9884	0.5537	1.9813	0.8157	0.6081
0.4594	0.9901	0.5330	2.0707	0.8364	0.6318
0.5127	0.9922	0.5105	2.1719	0.8584	0.6599
0.5635	0.9942	0.4890	2.2728	0.8789	0.6852
0.6120	0.9957	0.4700	2.3647	0.8965	0.7171
0.6654	0.9972	0.4515	2.4584	0.9133	0.7468
0.7142	0.9986	0.4356	2.5420	0.9275	0.7742
0.7710	1.0001	0.4185	2.6361	0.9426	0.8062
0.8247	1.0012	0.4047	2.7150	0.9545	0.8339
0.8738	1.0023	0.3929	2.7852	0.9646	0.8592
0.9278	1.0034	0.3814	2.8559	0.9744	0.8855
0.9819	1.0042	0.3716	2.9175	0.9825	0.9089
1.0344	1.0051	0.3632	2.9728	0.9895	0.9303
1.0838	1.0059	0.3561	3.0203	0.9954	0.9490
1.1446	1.0065	0.3500	3.0622	1.0004	0.9656
1.1960	1.0073	0.3452	3.0968	1.0044	0.9796
1.2476	1.0080	0.3438	3.1076	1.0056	0.9842
1.5248	1.0086	0.3429	3.1165	1.0067	0.9879
1.7930	1.0091	0.3430	3.1160	1.0066	0.9877
2.0662	1.0094	0.3433	3.1149	1.0064	0.9873
2.3336	1.0100	0.3434	3.1152	1.0065	0.9874
2.5995	1.0103	0.3437	3.1139	1.0063	0.9869
2.8478	1.0129	0.3445	3.1145	1.0064	0.9872

DEL = 0.4066 DELL= .0742 DEL*= .1760 CM
THETA= .02962 H = 6.009 UE = 635.3 M/SEC
RHOE= 0.2249 KG/M**3 RUN = 2014

MACH = 3.00 PO = 298.9 KPA TO = 310.0 K
ALPHA= 4.20 Z/D= 4.44 PHI= 150.
RPM= 20000. PW = 6.64 KPA REL=7490518.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9206	0.9206	0.0000	0.0000	0.3678
0.0488	0.9627	0.7847	1.0651	0.5204	0.4315
0.0832	0.9668	0.7553	1.1830	0.5670	0.4494
0.0761	0.9696	0.7324	1.2724	0.6005	0.4625
0.1140	0.9733	0.6970	1.4078	0.6482	0.4860
0.1667	0.9772	0.6592	1.5531	0.6953	0.5140
0.2095	0.9796	0.6344	1.6496	0.7244	0.5342
0.2590	0.9820	0.6087	1.7511	0.7532	0.5568
0.3124	0.9839	0.5860	1.8425	0.7776	0.5784
0.3591	0.9859	0.5640	1.9340	0.8007	0.6011
0.4042	0.9875	0.5426	2.0249	0.8223	0.6248
0.4642	0.9895	0.5195	2.1270	0.8450	0.6527
0.5165	0.9914	0.4979	2.2261	0.8657	0.6812
0.5693	0.9928	0.4758	2.3307	0.8861	0.7127
0.6168	0.9942	0.4589	2.4151	0.9016	0.7392
0.6723	0.9953	0.4426	2.4990	0.9162	0.7664
0.7200	0.9966	0.4266	2.5845	0.9303	0.7952
0.7726	0.9977	0.4123	2.6647	0.9427	0.8231
0.8332	0.9987	0.3971	2.7524	0.9557	0.8546
0.8781	0.9996	0.3864	2.8168	0.9647	0.8783
0.9374	1.0003	0.3738	2.8951	0.9752	0.9080
0.9856	1.0011	0.3645	2.9551	0.9829	0.9312
1.0451	1.0019	0.3545	3.0216	0.9911	0.9576
1.0950	1.0023	0.3484	3.0632	0.9960	0.9744
1.1500	1.0025	0.3445	3.0876	0.9989	0.9843
1.2100	1.0029	0.3423	3.1063	1.0010	0.9920
1.2599	1.0031	0.3415	3.1121	1.0017	0.9944
1.3716	1.0033	0.3411	3.1154	1.0021	0.9958
1.5355	1.0033	0.3409	3.1170	1.0023	0.9965
1.8115	1.0037	0.3409	3.1179	1.0024	0.9968
2.0876	1.0033	0.3408	3.1174	1.0023	0.9966
2.3594	1.0036	0.3410	3.1174	1.0023	0.9966
2.6201	1.0040	0.3412	3.1165	1.0022	0.9963
2.8917	1.0041	0.3415	3.1151	1.0020	0.9957

DEL = 0.4027 DELL= .0735 DEL*= .1708 CM
THETA= .02917 H = 5.855 UE = 639.8 M/SEC
RHOE= 0.2209 KG/M**3 RUN = 2015

MACH = 3.00 PO = 297.9 KPA TO = 305.3 K
ALPHA= 4.20 Z/D= 4.44 PHI= 170.
RPM= 0. PW = 6.77 KPA REL=7346503.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3728
0.0438	0.9664	0.7579	1.1727	0.5635	0.4532
0.0558	0.9680	0.7442	1.2259	0.5837	0.4615
0.0968	0.9728	0.6994	1.3979	0.6453	0.4911
0.1334	0.9756	0.6707	1.5075	0.6814	0.5121
0.1790	0.9780	0.6445	1.6087	0.7128	0.5329
0.2195	0.9798	0.6220	1.6958	0.7382	0.5520
0.2627	0.9815	0.6015	1.7773	0.7609	0.5709
0.3075	0.9833	0.5808	1.8615	0.7830	0.5913
0.3462	0.9847	0.5630	1.9351	0.8015	0.6099
0.3917	0.9863	0.5449	2.0124	0.8199	0.6303
0.4296	0.9876	0.5275	2.0881	0.8371	0.6510
0.4757	0.9891	0.5067	2.1820	0.8572	0.6779
0.5234	0.9906	0.4892	2.2636	0.8738	0.7022
0.5622	0.9914	0.4743	2.3349	0.8875	0.7242
0.6065	0.9925	0.4591	2.4103	0.9014	0.7462
0.6559	0.9935	0.4447	2.4840	0.9143	0.7723
0.7000	0.9943	0.4303	2.5598	0.9269	0.7980
0.7458	0.9952	0.4184	2.6258	0.9374	0.8210
0.7897	0.9959	0.4076	2.6865	0.9466	0.8426
0.8369	0.9967	0.3956	2.7563	0.9569	0.8682
0.8855	0.9975	0.3837	2.8283	0.9669	0.8952
0.9314	0.9981	0.3747	2.8841	0.9744	0.9166
0.9789	0.9988	0.3655	2.9433	0.9820	0.9398
1.0263	0.9993	0.3578	2.9942	0.9884	0.9602
1.0668	0.9997	0.3514	3.0371	0.9936	0.9775
1.1202	1.0000	0.3470	3.0674	0.9972	0.9900
1.1680	0.9999	0.3443	3.0860	0.9994	0.9977
1.2118	1.0002	0.3435	3.0919	1.0000	1.0001
1.2600	1.0000	0.3430	3.0947	1.0004	1.0013
1.3055	1.0000	0.3430	3.0950	1.0004	1.0014
1.4009	1.0000	0.3430	3.0947	1.0004	1.0013
1.5492	1.0000	0.3431	3.0941	1.0003	1.0011
1.6930	1.0000	0.3430	3.0950	1.0004	1.0014
1.9242	1.0000	0.3431	3.0943	1.0003	1.0013

DEL = 0.4638 DELU= .0808 DEL*= .1892 CM
THETA= .03380 H = 5.597 UE = 634.6 M/SEC
RHOE= 0.2267 KG/M**3 RUN = 4096

MACH = 3.00 PO = 298.0 KPA TO = 305.4 K
ALPHA= 4.20 Z/D= 4.44 PHI= 170.
RPM= 20000. PW = 6.77 KPA REL=7342772.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3726
0.0791	0.9709	0.7179	1.3288	0.6211	0.4784
0.0962	0.9728	0.7006	1.3937	0.6437	0.4900
0.1366	0.9757	0.6707	1.5078	0.6814	0.5119
0.1801	0.9779	0.6449	1.6069	0.7121	0.5323
0.2194	0.9801	0.6227	1.6939	0.7376	0.5513
0.2642	0.9817	0.6016	1.7773	0.7607	0.5705
0.3080	0.9834	0.5813	1.8598	0.7825	0.5905
0.3482	0.9847	0.5648	1.9281	0.7996	0.6078
0.3913	0.9861	0.5449	2.0120	0.8197	0.6298
0.4308	0.9877	0.5261	2.0945	0.8383	0.6525
0.4758	0.9890	0.5080	2.1759	0.8558	0.6757
0.5224	0.9903	0.4897	2.2610	0.8731	0.7010
0.5708	0.9917	0.4728	2.3427	0.8888	0.7262
0.6086	0.9926	0.4601	2.4057	0.9004	0.7462
0.6597	0.9937	0.4445	2.4856	0.9144	0.7724
0.7054	0.9944	0.4311	2.5561	0.9261	0.7963
0.7484	0.9954	0.4193	2.6209	0.9365	0.8188
0.7971	0.9961	0.4078	2.6855	0.9463	0.8418
0.8459	0.9967	0.3957	2.7556	0.9566	0.8674
0.8936	0.9974	0.3845	2.8234	0.9661	0.8928
0.9368	0.9981	0.3746	2.8846	0.9743	0.9163
0.9789	0.9986	0.3655	2.9428	0.9818	0.9391
1.0322	0.9994	0.3564	3.0031	0.9893	0.9632
1.0758	0.9996	0.3501	3.0457	0.9945	0.9805
1.1266	0.9998	0.3459	3.0743	0.9978	0.9923
1.1733	1.0003	0.3441	3.0882	0.9994	0.9980
1.2202	1.0002	0.3431	3.0946	1.0002	1.0007
1.2629	1.0002	0.3429	3.0962	1.0004	1.0013
1.3144	1.0002	0.3427	3.0971	1.0005	1.0017
1.4104	1.0002	0.3424	3.0990	1.0007	1.0025
1.5552	1.0000	0.3428	3.0962	1.0004	1.0013
1.6984	1.0000	0.3428	3.0965	1.0004	1.0015
1.9282	1.0000	0.3431	3.0942	1.0001	1.0005

DEL = 0.4612 DELU= .0835 DEL*= .1905 CM
THETA= .03319 H = 5.739 UE = 634.7 M/SEC
RHOE= 0.2265 KG/M**3 RUN = 4097

MACH = 3.00 PO = 297.9 KPA TO = 309.3 K
ALPHA= 4.20 Z/D= 4.44 PHI= 180.
RPM= 0. PW = 6.76 KPA REL=7485763.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3717
0.0150	0.9554	0.8414	0.8230	0.4168	0.4071
0.0228	0.9578	0.8232	0.9040	0.4529	0.4159
0.0370	0.9624	0.7937	1.0309	0.5071	0.4315
0.0525	0.9672	0.7568	1.1789	0.5662	0.4526
0.1032	0.9728	0.7020	1.3888	0.6426	0.4878
0.1464	0.9762	0.6702	1.5110	0.6830	0.5111
0.1873	0.9780	0.6442	1.6097	0.7135	0.5314
0.2297	0.9803	0.6221	1.6967	0.7390	0.5504
0.2792	0.9831	0.5967	1.7995	0.7673	0.5743
0.3250	0.9843	0.5727	1.8956	0.7922	0.5979
0.3711	0.9863	0.5536	1.9769	0.8121	0.6188
0.4135	0.9875	0.5332	2.0640	0.8322	0.6423
0.4631	0.9891	0.5141	2.1493	0.8509	0.6662
0.5067	0.9904	0.4966	2.2299	0.8676	0.6858
0.5531	0.9920	0.4789	2.3147	0.8843	0.7155
0.5996	0.9923	0.4619	2.3962	0.8994	0.7412
0.6449	0.9940	0.4482	2.4678	0.9121	0.7644
0.6916	0.9948	0.4341	2.5410	0.9244	0.7850
0.7357	0.9961	0.4229	2.6031	0.9344	0.8103
0.7883	0.9959	0.4082	2.6829	0.9467	0.8386
0.8297	0.9982	0.3996	2.7368	0.9547	0.8581
0.8795	0.9976	0.3874	2.8063	0.9645	0.8840
0.9281	0.9987	0.3773	2.8694	0.9731	0.9079
0.9726	0.9992	0.3681	2.9276	0.9807	0.9305
1.0238	1.0000	0.3583	2.9925	0.9888	0.9563
1.0735	1.0008	0.3516	3.0384	0.9944	0.9749
1.1242	1.0018	0.3465	3.0752	0.9987	0.9900
1.1678	1.0005	0.3437	3.0920	1.0007	0.9969
1.2189	1.0017	0.3426	3.1014	1.0018	1.0008
1.3190	1.0023	0.3420	3.1068	1.0024	1.0031
1.5653	1.0017	0.3420	3.1059	1.0023	1.0027
1.8044	1.0015	0.3420	3.1049	1.0022	1.0023
2.0455	1.0017	0.3426	3.1017	1.0018	1.0009
2.2783	1.0013	0.3425	3.1011	1.0017	1.0007
2.5145	1.0021	0.3430	3.0998	1.0016	1.0001

DEL = 0.4539 DELL= .0787 DEL*= .1869 CM
THETA= .03341 H = 5.596 UE = 638.5 M/SEC
RHOE= 0.2229 KG/M**3 RUN = 2066

MACH = 3.00 PO = 298.0 KPA TO = 309.4 K
ALPHA= 4.20 Z/D= 4.44 PHI= 180.
RPM= 20000. PW = 6.77 KPA REL=7463115.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3729
0.0428	0.9645	0.7731	1.1127	0.5398	0.4443
0.0555	0.9665	0.7531	1.1903	0.5700	0.4559
0.0773	0.9695	0.7272	1.2905	0.6073	0.4722
0.0978	0.9721	0.7040	1.3800	0.6389	0.4879
0.1443	0.9755	0.6698	1.5107	0.6822	0.5128
0.1839	0.9772	0.6426	1.6137	0.7140	0.5341
0.2304	0.9794	0.6177	1.7110	0.7423	0.5556
0.2765	0.9820	0.5960	1.7997	0.7666	0.5763
0.3203	0.9834	0.5717	1.8976	0.7919	0.6004
0.3658	0.9852	0.5517	1.9822	0.8125	0.6223
0.4062	0.9870	0.5331	2.0633	0.8312	0.6443
0.4551	0.9882	0.5143	2.1462	0.8494	0.6676
0.4952	0.9896	0.4974	2.2242	0.8656	0.6904
0.5451	0.9907	0.4794	2.3090	0.8823	0.7162
0.5855	0.9916	0.4645	2.3820	0.8959	0.7392
0.6356	0.9932	0.4491	2.4611	0.9100	0.7648
0.6799	0.9938	0.4361	2.5287	0.9214	0.7875
0.7251	0.9943	0.4217	2.6054	0.9338	0.8139
0.7728	0.9958	0.4105	2.6701	0.9438	0.8368
0.8206	0.9957	0.3989	2.7350	0.9534	0.8605
0.8655	0.9963	0.3882	2.7983	0.9624	0.8840
0.9162	0.9977	0.3779	2.8638	0.9713	0.9089
0.9629	0.9983	0.3682	2.9250	0.9793	0.9328
1.0111	0.9986	0.3593	2.9826	0.9866	0.9556
1.0566	0.9985	0.3523	3.0286	0.9922	0.9742
1.1009	0.9990	0.3471	3.0642	0.9964	0.9888
1.1510	0.9991	0.3437	3.0876	0.9992	0.9985
1.1984	0.9997	0.3422	3.0992	1.0005	1.0023
1.2486	0.9997	0.3416	3.1037	1.0010	1.0052
1.2971	0.9994	0.3412	3.1059	1.0013	1.0062
1.5370	0.9989	0.3411	3.1054	1.0012	1.0059
1.7739	0.9996	0.3415	3.1037	1.0010	1.0052
2.0146	0.9990	0.3417	3.1012	1.0007	1.0042
2.2511	0.9992	0.3420	3.0998	1.0006	1.0036
2.4770	0.9995	0.3425	3.0973	1.0003	1.0025

DEL = 0.4605 DELL= .0808 DEL*= .1878 CM
THETA= .03350 H = 5.604 UE = 639.1 M/SEC
RHOE= 0.2223 KG/M**3 RUN = 2067

MACH = 3.00 PO = 298.5 KPA TO = 307.8 K
ALPHA= 4.20 Z/D= 4.44 PHI= 190.
RPM= 0. PW = 6.78 KPA REL=7317517.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3705
0.0171	0.9632	0.7831	1.0723	0.5245	0.4357
0.0319	0.9655	0.7648	1.1455	0.5537	0.4461
0.0518	0.9701	0.7284	1.2879	0.6074	0.4685
0.0869	0.9733	0.6992	1.4000	0.6469	0.4882
0.1261	0.9761	0.6705	1.5096	0.6831	0.5091
0.1708	0.9785	0.6450	1.6079	0.7136	0.5292
0.2154	0.9807	0.6205	1.7037	0.7415	0.5502
0.2629	0.9827	0.5986	1.7912	0.7657	0.5704
0.3028	0.9842	0.5805	1.8645	0.7849	0.5881
0.3456	0.9857	0.5615	1.9447	0.8047	0.6081
0.3968	0.9873	0.5411	2.0305	0.8253	0.6310
0.4348	0.9885	0.5256	2.0994	0.8408	0.6499
0.4785	0.9901	0.5083	2.1770	0.8574	0.6719
0.5308	0.9917	0.4895	2.2629	0.8749	0.6973
0.5723	0.9926	0.4747	2.3356	0.8889	0.7195
0.6226	0.9938	0.4594	2.4115	0.9029	0.7435
0.6668	0.9953	0.4463	2.4799	0.9149	0.7658
0.7168	0.9962	0.4315	2.5580	0.9279	0.7921
0.7655	0.9971	0.4182	2.6311	0.9396	0.8174
0.8172	0.9983	0.4059	2.7013	0.9502	0.8423
0.8589	0.9988	0.3945	2.7676	0.9598	0.8665
0.9079	0.9996	0.3829	2.8377	0.9696	0.8928
0.9542	1.0006	0.3733	2.8984	0.9777	0.9160
1.0049	1.0012	0.3635	2.9613	0.9857	0.9407
1.0511	1.0018	0.3563	3.0094	0.9917	0.9598
1.1005	1.0024	0.3505	3.0497	0.9965	0.9761
1.1486	1.0024	0.3469	3.0740	0.9994	0.9861
1.1938	1.0027	0.3451	3.0866	1.0009	0.9913
1.2466	1.0029	0.3441	3.0943	1.0017	0.9945
1.2937	1.0033	0.3438	3.0972	1.0021	0.9957
1.3438	1.0035	0.3436	3.0987	1.0022	0.9963
1.4928	1.0037	0.3435	3.1000	1.0024	0.9969
1.7460	1.0037	0.3433	3.1016	1.0026	0.9975
1.9890	1.0042	0.3438	3.0994	1.0023	0.9966

DEL = 0.4469 DELL= .0747 DEL*= .1837 CM
THETA= .03288 H = 5.587 UE = 636.2 M/SEC
RHOE= 0.2265 KG/M**3 RUN = 4075

MACH = 3.00 PO = 298.6 KPA TO = 308.8 K
ALPHA= 4.20 Z/D= 4.44 PHI= 190.
RPM= 20000. PW = 6.79 KPA REL=7264759.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3703
0.0173	0.9684	0.7392	1.2453	0.5909	0.4613
0.0286	0.9702	0.7249	1.3008	0.6112	0.4705
0.0502	0.9725	0.7045	1.3792	0.6388	0.4842
0.0950	0.9757	0.6738	1.4968	0.6780	0.5063
0.1364	0.9781	0.6489	1.5926	0.7079	0.5258
0.1827	0.9801	0.6254	1.6841	0.7349	0.5455
0.2241	0.9816	0.6060	1.7611	0.7565	0.5630
0.2685	0.9835	0.5852	1.8449	0.7788	0.5830
0.3186	0.9858	0.5636	1.9355	0.8015	0.6057
0.3663	0.9873	0.5441	2.0182	0.8212	0.6274
0.4046	0.9885	0.5288	2.0848	0.8363	0.6455
0.4490	0.9900	0.5110	2.1649	0.8536	0.6681
0.4991	0.9912	0.4927	2.2493	0.8709	0.6929
0.5426	0.9925	0.4771	2.3238	0.8854	0.7155
0.5863	0.9934	0.4635	2.3907	0.8978	0.7365
0.6424	0.9947	0.4472	2.4740	0.9125	0.7635
0.6901	0.9958	0.4338	2.5450	0.9245	0.7873
0.7379	0.9967	0.4205	2.6153	0.9357	0.8115
0.7859	0.9974	0.4088	2.6830	0.9461	0.8354
0.8382	0.9983	0.3956	2.7598	0.9574	0.8633
0.8835	0.9990	0.3855	2.8205	0.9658	0.8859
0.9376	1.0000	0.3751	2.8860	0.9746	0.9108
0.9831	1.0004	0.3656	2.9466	0.9825	0.9344
1.0324	1.0009	0.3572	3.0017	0.9893	0.9563
1.0794	1.0013	0.3507	3.0454	0.9946	0.9739
1.1241	1.0018	0.3465	3.0749	0.9981	0.9860
1.1743	1.0021	0.3440	3.0929	1.0002	0.9934
1.2218	1.0022	0.3429	3.1006	1.0010	0.9966
1.2753	1.0020	0.3424	3.1038	1.0014	0.9980
1.3276	1.0024	0.3423	3.1052	1.0016	0.9985
1.4799	1.0024	0.3421	3.1064	1.0017	0.9990
1.7241	1.0026	0.3424	3.1052	1.0016	0.9985
1.9759	1.0025	0.3426	3.1036	1.0014	0.9979

DEL = 0.4417 DELL= .0696 DEL*= .1756 CM
THETA= .03198 H = 5.492 UE = 638.2 M/SEC
RHOE= 0.2254 KG/M**3 RUN = 4080

MACH = 3.00 PO = 297.9 KPA TO = 309.1 K
ALPHA= 4.20 Z/D= 4.44 PHI= 210.
RPM= 0. PW = 6.65 KPA REL=7503803.

Y/DEL	TT/TO	T/TO	P	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3705
0.0154	0.9518	0.8567	0.7449	0.3803	0.3983
0.0237	0.9578	0.8211	0.9123	0.4563	0.4155
0.0392	0.9626	0.7882	1.0519	0.5151	0.4329
0.0521	0.9661	0.7607	1.1617	0.5589	0.4486
0.0988	0.9721	0.7061	1.3726	0.6362	0.4833
0.1444	0.9752	0.6750	1.4912	0.6758	0.5055
0.1947	0.9779	0.6460	1.6027	0.7106	0.5282
0.2454	0.9801	0.6213	1.6990	0.7388	0.5492
0.3024	0.9825	0.5929	1.8127	0.7699	0.5756
0.3448	0.9841	0.5730	1.8939	0.7909	0.5955
0.4026	0.9863	0.5458	2.0097	0.8186	0.6252
0.4502	0.9882	0.5235	2.1065	0.8407	0.6519
0.5058	0.9900	0.5008	2.2101	0.8626	0.6816
0.5572	0.9912	0.4786	2.3140	0.8831	0.7129
0.6064	0.9926	0.4613	2.3997	0.8990	0.7398
0.6638	0.9941	0.4424	2.4973	0.9160	0.7717
0.7132	0.9950	0.4264	2.5824	0.9300	0.8005
0.7692	0.9962	0.4108	2.6694	0.9436	0.8310
0.8221	0.9970	0.3983	2.7416	0.9542	0.8571
0.8703	0.9980	0.3867	2.8115	0.9641	0.8830
0.9283	0.9985	0.3745	2.8863	0.9742	0.9115
0.9815	0.9995	0.3646	2.9509	0.9825	0.9366
1.0315	0.9998	0.3566	3.0032	0.9890	0.9575
1.0930	1.0005	0.3499	3.0514	0.9948	0.9769
1.1465	1.0005	0.3455	3.0788	0.9980	0.9882
1.1970	1.0012	0.3440	3.0910	0.9994	0.9932
1.2525	1.0011	0.3427	3.0996	1.0004	0.9968
1.5236	1.0013	0.3422	3.1031	1.0008	0.9982
1.8090	1.0013	0.3420	3.1044	1.0009	0.9987
2.0724	1.0015	0.3421	3.1047	1.0010	0.9989
2.3489	1.0015	0.3419	3.1060	1.0011	0.9993
2.6093	1.0017	0.3419	3.1064	1.0011	0.9996
2.8753	1.0016	0.3421	3.1047	1.0010	0.9989

DEL = 0.4012 DELL= .0715 DEL*= .1674 CM
THETA= .02960 H = 5.654 UE = 638.8 M/SEC
RHOE= 0.2211 KG/M**3 RUN = 2023

MACH = 3.00 PO = 297.9 KPA TO = 309.2 K
ALPHA= 4.20 Z/D= 4.44 PHI= 210.
RPM= 2000. PW = 6.64 KPA REL=7476564.

Y/DEL	TT/TO	T/TO	P	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3699
0.0376	0.9604	0.8008	0.9982	0.4920	0.4253
0.0486	0.9638	0.7753	1.1027	0.5348	0.4393
0.0626	0.9660	0.7586	1.1691	0.5608	0.4490
0.0724	0.9674	0.7467	1.2157	0.5785	0.4562
0.0864	0.9693	0.7299	1.2806	0.6025	0.4667
0.0949	0.9701	0.7230	1.3072	0.6122	0.4712
0.1442	0.9739	0.6857	1.4497	0.6611	0.4968
0.1926	0.9764	0.6569	1.5594	0.6962	0.5184
0.2398	0.9787	0.6324	1.6544	0.7247	0.5385
0.2889	0.9810	0.6076	1.7529	0.7525	0.5606
0.3397	0.9828	0.5832	1.8511	0.7786	0.5840
0.3836	0.9848	0.5607	1.9449	0.8020	0.6075
0.4366	0.9866	0.5378	2.0425	0.8250	0.6333
0.4840	0.9883	0.5154	2.1418	0.8468	0.6609
0.5288	0.9898	0.4951	2.2350	0.8661	0.6880
0.5776	0.9909	0.4760	2.3256	0.8838	0.7154
0.6356	0.9926	0.4544	2.4238	0.9035	0.7457
0.6877	0.9938	0.4368	2.5253	0.9192	0.7759
0.7399	0.9949	0.4203	2.6144	0.9335	0.8104
0.7861	0.9960	0.4071	2.6891	0.9449	0.8368
0.8431	0.9967	0.3932	2.7699	0.9566	0.8662
0.8928	0.9974	0.3800	2.8501	0.9677	0.8962
0.9437	0.9981	0.3687	2.9217	0.9771	0.9238
0.9948	0.9988	0.3600	2.9784	0.9843	0.9461
1.0414	0.9993	0.3517	3.0342	0.9910	0.9665
1.0959	0.9997	0.3459	3.0743	0.9958	0.9848
1.1353	1.0000	0.3429	3.0957	0.9982	0.9936
1.1960	0.9997	0.3416	3.1036	0.9991	0.9969
1.4689	1.0000	0.3405	3.1121	1.0001	1.0004
1.7348	0.9998	0.3402	3.1137	1.0003	1.0011
1.9961	1.0000	0.3402	3.1141	1.0003	1.0012
2.2548	1.0000	0.3402	3.1140	1.0003	1.0012
2.5093	1.0000	0.3403	3.1137	1.0003	1.0011
2.7644	1.0000	0.3403	3.1137	1.0003	1.0011

DEL = 0.4179 DELL= .0782 DEL*= .1782 CM
THETA= .03110 H = 5.729 UE = 639.9 M/SEC
RHOE= 0.2203 KG/M**3 RUN = 2024

MACH = 3.00 PO = 295.1 KPA TO = 302.2 K
ALPHA= 4.20 Z/D= 4.44 PHI= 240.
RPM= 0. PW = 6.34 KPA REL=7733732.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9201	0.9201	0.0000	0.0000	0.3636
0.0252	0.9583	0.8095	0.9588	0.4725	0.4132
0.0426	0.9639	0.7692	1.1251	0.5405	0.4349
0.0659	0.9689	0.7260	1.2935	0.6037	0.4607
0.1009	0.9737	0.6776	1.4783	0.6666	0.4936
0.1537	0.9775	0.6372	1.6341	0.7146	0.5249
0.2294	0.9810	0.5971	1.7930	0.7590	0.5601
0.2895	0.9835	0.5688	1.9094	0.7888	0.5881
0.3658	0.9859	0.5381	2.0396	0.8195	0.6216
0.4342	0.9878	0.5104	2.1626	0.8463	0.6553
0.4949	0.9896	0.4850	2.2810	0.8702	0.6856
0.5622	0.9914	0.4595	2.4060	0.8934	0.7279
0.6258	0.9928	0.4398	2.5072	0.9108	0.7604
0.7025	0.9943	0.4179	2.6262	0.9300	0.8003
0.7742	0.9955	0.3987	2.7357	0.9463	0.8388
0.8462	0.9963	0.3830	2.8296	0.9594	0.8730
0.9098	0.9975	0.3678	2.9261	0.9720	0.9054
0.9842	0.9984	0.3540	3.0165	0.9832	0.9446
1.0524	0.9985	0.3453	3.0755	0.9902	0.9682
1.1207	0.9988	0.3411	3.1047	0.9935	0.9800
1.1998	0.9991	0.3397	3.1153	0.9947	0.9843
1.2706	0.9989	0.3389	3.1208	0.9954	0.9866
1.3327	0.9991	0.3386	3.1233	0.9956	0.9876
1.4812	0.9988	0.3380	3.1266	0.9960	0.9889
1.6286	0.9990	0.3377	3.1293	0.9963	0.9900
1.9911	0.9987	0.3368	3.1344	0.9969	0.9921
2.3526	0.9995	0.3362	3.1401	0.9975	0.9945
2.7273	0.9984	0.3353	3.1445	0.9980	0.9963
3.0954	0.9990	0.3351	3.1473	0.9983	0.9974
3.4500	0.9985	0.3344	3.1509	0.9987	0.9985
3.7822	0.9986	0.3362	3.1377	0.9973	0.9935

DEL = 0.3015 DELU= .0501 DEL*= .1213 CM
THETA= .02144 H = 5.656 UE = 636.1 M/SEC
RHOE= 0.2195 KG/M**3 RUN = 2034

MACH = 3.00 PO = 295.0 KPA TO = 302.9 K
ALPHA= 4.20 Z/D= 4.44 PHI= 240.
RPM= 20000. PW = 6.35 KPA REL=7761105.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9198	0.9198	0.0000	0.0000	0.3609
0.0589	0.9668	0.7459	1.2169	0.5760	0.4450
0.0799	0.9698	0.7190	1.3206	0.6137	0.4616
0.0971	0.9725	0.6944	1.4152	0.6462	0.4781
0.1431	0.9760	0.6593	1.5496	0.6895	0.5035
0.1912	0.9788	0.6305	1.6618	0.7231	0.5266
0.2396	0.9809	0.6059	1.7593	0.7504	0.5480
0.2922	0.9830	0.5810	1.8599	0.7768	0.5715
0.3568	0.9854	0.5539	1.9736	0.8048	0.5996
0.4239	0.9876	0.5245	2.1012	0.8338	0.6332
0.4915	0.9898	0.4974	2.2247	0.8596	0.6678
0.5535	0.9917	0.4720	2.3463	0.8831	0.7028
0.6135	0.9934	0.4494	2.4603	0.9035	0.7393
0.6911	0.9950	0.4261	2.5837	0.9239	0.7797
0.7553	0.9964	0.4055	2.6992	0.9416	0.8193
0.8300	0.9979	0.3876	2.8058	0.9567	0.8575
0.8945	0.9989	0.3717	2.9047	0.9699	0.8942
0.9654	0.9998	0.3584	2.9911	0.9808	0.9273
1.0365	1.0004	0.3482	3.0600	0.9890	0.9544
1.0972	1.0007	0.3426	3.0993	0.9935	0.9701
1.1749	1.0009	0.3396	3.1203	0.9959	0.9786
1.2337	1.0012	0.3386	3.1279	0.9968	0.9817
1.3031	1.0012	0.3379	3.1329	0.9973	0.9838
1.4487	1.0014	0.3375	3.1363	0.9977	0.9851
1.5911	1.0016	0.3373	3.1380	0.9979	0.9858
1.9465	1.0015	0.3366	3.1428	0.9984	0.9878
2.3142	1.0015	0.3357	3.1489	0.9991	0.9903
2.6753	1.0016	0.3352	3.1529	0.9996	0.9920
3.0244	1.0018	0.3347	3.1566	1.0000	0.9935
3.3921	1.0018	0.3343	3.1594	1.0003	0.9946
3.7120	1.0021	0.3347	3.1580	1.0001	0.9940

DEL = 0.3078 DELU= .0546 DEL*= .1289 CM
THETA= .02169 H = 5.942 UE = 636.5 M/SEC
RHOE= 0.2203 KG/M**3 RUN = 2035

MACH = 3.00 PO = 298.4 KPA TO = 303.3 K
ALPHA= 4.20 Z/D= 4.44 PHI= 270.
RPM= 0. PW = 6.43 KPA REL=7702759.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9199	0.9199	0.0000	0.0000	0.3616
0.0303	0.9585	0.8070	0.9686	0.4763	0.4121
0.0486	0.9661	0.7547	1.1837	0.5627	0.4409
0.0623	0.9693	0.7271	1.2906	0.6022	0.4577
0.1082	0.9756	0.6650	1.5280	0.6819	0.5004
0.1496	0.9789	0.6259	1.6792	0.7271	0.5315
0.1797	0.9813	0.6007	1.7799	0.7550	0.5535
0.2191	0.9831	0.5787	1.8694	0.7782	0.5750
0.2563	0.9846	0.5632	1.9341	0.7943	0.5909
0.3007	0.9856	0.5472	2.0015	0.8103	0.6081
0.3382	0.9866	0.5321	2.0666	0.8251	0.6252
0.3805	0.9880	0.5169	2.1346	0.8399	0.6437
0.4183	0.9891	0.5016	2.2045	0.8544	0.6634
0.4490	0.9899	0.4898	2.2598	0.8655	0.6794
0.4915	0.9911	0.4764	2.3239	0.8778	0.6985
0.5395	0.9923	0.4586	2.4123	0.8939	0.7257
0.5802	0.9933	0.4446	2.4841	0.9064	0.7485
0.6138	0.9941	0.4327	2.5471	0.9168	0.7692
0.6523	0.9947	0.4213	2.6086	0.9266	0.7898
0.6886	0.9953	0.4115	2.6636	0.9350	0.8097
0.7614	0.9964	0.3948	2.7604	0.9492	0.8428
0.8184	0.9974	0.3820	2.8385	0.9599	0.8713
0.8780	0.9982	0.3694	2.9176	0.9703	0.9010
0.9452	0.9991	0.3586	2.9884	0.9792	0.9282
1.0224	0.9995	0.3486	3.0552	0.9872	0.9546
1.1074	0.9999	0.3429	3.0951	0.9918	0.9705
1.2804	0.9999	0.3393	3.1204	0.9946	0.9808
1.4188	1.0002	0.3387	3.1251	0.9952	0.9827
1.8572	1.0000	0.3374	3.1338	0.9961	0.9863
2.2998	0.9999	0.3364	3.1405	0.9969	0.9890
2.7236	0.9998	0.3355	3.1468	0.9976	0.9916
3.1030	0.9997	0.3348	3.1514	0.9981	0.9935
3.5590	0.9997	0.3340	3.1565	0.9987	0.9956
3.9984	1.0000	0.3333	3.1621	0.9993	0.9978
4.3986	0.9998	0.3328	3.1658	0.9997	0.9994

DEL = 0.2569 DELL= .0404 DEL*= .0993 CM
THETA= .01738 H = 5.714 UE = 637.8 M/SEC
RHOE= 0.2231 KG/M**3 RUN = 2043

MACH = 3.00 PO = 298.3 KPA TO = 304.1 K
ALPHA= 4.20 Z/D= 4.44 PHI= 270.
RPM= 20000. PW = 6.42 KPA REL=7694613.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9197	0.9197	0.0000	0.0000	0.3600
0.0857	0.9694	0.7216	1.3105	0.6096	0.4589
0.1065	0.9724	0.6934	1.4182	0.6467	0.4775
0.1250	0.9747	0.6695	1.5099	0.6765	0.4946
0.1412	0.9766	0.6521	1.5773	0.6974	0.5079
0.1668	0.9786	0.6317	1.6572	0.7211	0.5244
0.2297	0.9816	0.5953	1.8014	0.7609	0.5564
0.2602	0.9832	0.5776	1.8738	0.7797	0.5735
0.3095	0.9846	0.5583	1.9537	0.7993	0.5932
0.3402	0.9858	0.5432	2.0182	0.8144	0.6096
0.3899	0.9874	0.5248	2.0992	0.8326	0.6312
0.4207	0.9883	0.5144	2.1462	0.8426	0.6440
0.4636	0.9895	0.4986	2.2189	0.8576	0.6645
0.5019	0.9908	0.4824	2.2957	0.8728	0.6869
0.5402	0.9916	0.4688	2.3616	0.8851	0.7068
0.5739	0.9931	0.4563	2.4251	0.8965	0.7264
0.6150	0.9936	0.4423	2.4965	0.9088	0.7492
0.6562	0.9943	0.4302	2.5599	0.9192	0.7699
0.6878	0.9954	0.4188	2.6238	0.9293	0.7914
0.7414	0.9962	0.4067	2.6924	0.9397	0.8150
0.8058	0.9976	0.3875	2.8058	0.9559	0.8554
0.8657	0.9988	0.3753	2.8821	0.9661	0.8836
0.9507	0.9998	0.3587	2.9896	0.9797	0.9245
1.0285	1.0003	0.3487	3.0566	0.9877	0.9508
1.1114	1.0006	0.3429	3.0970	0.9924	0.9669
1.1970	1.0012	0.3401	3.1174	0.9947	0.9752
1.2829	1.0011	0.3390	3.1246	0.9955	0.9781
1.4449	1.0013	0.3384	3.1296	0.9961	0.9801
1.7834	1.0013	0.3374	3.1365	0.9968	0.9829
2.3124	1.0014	0.3362	3.1454	0.9978	0.9865
2.7396	1.0017	0.3353	3.1521	0.9986	0.9893
3.1749	1.0017	0.3345	3.1578	0.9992	0.9916
3.6009	1.0017	0.3338	3.1627	0.9997	0.9937
4.0219	1.0018	0.3333	3.1667	1.0002	0.9953
4.4174	1.0018	0.3326	3.1717	1.0007	0.9974

DEL = 0.2554 DELL= .0450 DEL*= .1047 CM
THETA= .01729 H = 6.054 UE = 638.3 M/SEC
RHOE= 0.2227 KG/M**3 RUN = 2044

MACH = 3.00 PO = 298.5 KPA TO = 310.7 K
ALPHA= 4.20 Z/D= 4.44 PHI= 300.
RPM= 0. PW = 7.11 KPA REL=7422976.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3723
0.0347	0.9583	0.8211	0.9140	0.4570	0.4178
0.0452	0.9593	0.8142	0.9442	0.4701	0.4214
0.0715	0.9677	0.7496	1.2062	0.5762	0.4577
0.0907	0.9720	0.7079	1.3658	0.6341	0.4845
0.1096	0.9755	0.6733	1.4982	0.6783	0.5095
0.1663	0.9802	0.6215	1.6989	0.7390	0.5519
0.2043	0.9821	0.5988	1.7891	0.7640	0.5728
0.2478	0.9842	0.5755	1.8845	0.7888	0.5961
0.2970	0.9856	0.5533	1.9764	0.8113	0.6198
0.3463	0.9872	0.5352	2.0550	0.8295	0.6409
0.3903	0.9884	0.5188	2.1273	0.8455	0.6611
0.4345	0.9894	0.5032	2.1980	0.8604	0.6815
0.4816	0.9907	0.4866	2.2761	0.8761	0.7049
0.5238	0.9919	0.4700	2.3561	0.8914	0.7297
0.5763	0.9927	0.4551	2.4304	0.9048	0.7535
0.6239	0.9938	0.4420	2.4984	0.9166	0.7760
0.6548	0.9945	0.4322	2.5507	0.9253	0.7937
0.7026	0.9954	0.4189	2.6232	0.9368	0.8188
0.7592	0.9962	0.4060	2.6962	0.9480	0.8449
0.8046	0.9968	0.3963	2.7524	0.9562	0.8654
0.8416	0.9974	0.3884	2.8001	0.9629	0.8832
0.90[illegible]	0.9980	0.3775	2.8672	0.9720	0.9087
0.9704	0.9986	0.3661	2.9393	0.9814	0.9368
1.0346	0.9992	0.3569	2.9997	0.9889	0.9609
1.0963	0.9996	0.3526	3.0293	0.9925	0.9729
1.1374	0.9997	0.3505	3.0434	0.9942	0.9786
1.1874	0.9997	0.3488	3.0546	0.9955	0.9832
1.2905	0.9997	0.3481	3.0595	0.9961	0.9853
1.3732	0.9998	0.3469	3.0673	0.9971	0.9885
1.4856	0.9998	0.3464	3.0714	0.9975	0.9901
1.5776	0.9998	0.3460	3.0738	0.9978	0.9911
1.7710	1.0000	0.3456	3.0772	0.9982	0.9925
2.2652	0.9999	0.3449	3.0815	0.9987	0.9943
2.7869	0.9999	0.3443	3.0858	0.9992	0.9961
3.3015	0.9998	0.3436	3.0901	0.9997	0.9979
3.8010	1.0004	0.3424	3.1001	1.0009	1.0020
4.3014	1.0004	0.3429	3.0962	1.0004	1.0004
4.7996	1.0004	0.3425	3.0990	1.0007	1.0016
5.2843	1.0004	0.3426	3.0987	1.0007	1.0015

CEL = 0.2173 DELL= .0353 DEL*= .0836 CM
THETA= .01494 H = 5.597 UE = 640.3 M/SEC
RHOE= 0.2322 KG/M**3 RUN = 2010

MACH = 3.00 PO = 298.5 KPA TO = 310.7 K
ALPHA= 4.20 Z/D= 4.44 PHI= 300.
RPM= 20000. PW = 7.12 KPA REL=7439561.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3722
0.0906	0.9709	0.7151	1.3374	0.6240	0.4794
0.1202	0.9753	0.6747	1.4926	0.6763	0.5082
0.1418	0.9770	0.6531	1.5745	0.7020	0.5248
0.1607	0.9787	0.6339	1.6493	0.7245	0.5408
0.2041	0.9819	0.5970	1.7955	0.7654	0.5742
0.2449	0.9838	0.5763	1.8803	0.7875	0.5949
0.2967	0.9853	0.5548	1.9696	0.8094	0.6178
0.3460	0.9867	0.5369	2.0467	0.8274	0.6385
0.3872	0.9879	0.5231	2.1076	0.8410	0.6554
0.4369	0.9890	0.5058	2.1852	0.8575	0.6777
0.4811	0.9901	0.4908	2.2555	0.8717	0.6985
0.5284	0.9911	0.4754	2.3291	0.8860	0.7211
0.5757	0.9923	0.4618	2.3964	0.8984	0.7424
0.6261	0.9931	0.4471	2.4709	0.9116	0.7666
0.6626	0.9939	0.4360	2.5293	0.9214	0.7862
0.7133	0.9948	0.4217	2.6066	0.9339	0.8128
0.7585	0.9956	0.4100	2.6721	0.9440	0.8360
0.8067	0.9964	0.3974	2.7451	0.9548	0.8625
0.8550	0.9971	0.3867	2.8093	0.9639	0.8865
0.9207	0.9979	0.3732	2.8931	0.9751	0.9185
0.9898	0.9986	0.3624	2.9628	0.9840	0.9459
1.0953	0.9994	0.3524	3.0296	0.9922	0.9728
1.1863	0.9996	0.3488	3.0543	0.9952	0.9829
1.2864	0.9996	0.3470	3.0664	0.9966	0.9879
1.3867	0.9994	0.3464	3.0701	0.9970	0.9894
1.4843	0.9996	0.3462	3.0717	0.9972	0.9900
1.5851	0.9998	0.3460	3.0735	0.9974	0.9908
1.7783	0.9998	0.3457	3.0760	0.9977	0.9918
2.2752	0.9997	0.3448	3.0815	0.9984	0.9941
2.7844	0.9997	0.3443	3.0853	0.9988	0.9956
3.2985	0.9998	0.3436	3.0899	0.9993	0.9976
3.7975	0.9998	0.3431	3.0938	0.9998	0.9992
4.2975	0.9998	0.3426	3.0969	1.0001	1.0005
4.8041	1.0000	0.3425	3.0985	1.0003	1.0011
5.2768	1.0000	0.3429	3.0957	1.0000	1.0000

CEL = 0.2175 DELL= .0375 DEL*= .0856 CM
THETA= .01479 H = 5.787 UE = 640.4 M/SEC
RHOE= 0.2331 KG/M**3 RUN = 2011

MACH = 3.00 PO = 298.6 KPA TO = 312.3 K
ALPHA= 4.20 Z/D= 4.44 PHI= 330.
RPM= 0. PW = 7.80 KPA REL=7403692.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9225	0.9225	0.0000	0.0000	0.3840
0.0347	0.9608	0.8111	0.9607	0.4817	0.4368
0.0527	0.9660	0.7724	1.1196	0.5478	0.4588
0.0798	0.9717	0.7223	1.3141	0.6218	0.4906
0.1010	0.9755	0.6827	1.4646	0.6737	0.5190
0.1286	0.9778	0.6603	1.5505	0.7014	0.5366
0.1686	0.9812	0.6239	1.6924	0.7441	0.5681
0.2181	0.9839	0.5871	1.8382	0.7842	0.6034
0.2615	0.9858	0.5686	1.9155	0.8040	0.6233
0.3113	0.9870	0.5511	1.9888	0.8219	0.6430
0.3612	0.9883	0.5330	2.0665	0.8400	0.6648
0.4239	0.9897	0.5170	2.1380	0.8558	0.6855
0.4680	0.9905	0.5029	2.2021	0.8693	0.7047
0.5216	0.9919	0.4836	2.2923	0.8875	0.7327
0.5755	0.9933	0.4666	2.3756	0.9033	0.7596
0.6295	0.9940	0.4529	2.4444	0.9158	0.7825
0.6805	0.9948	0.4411	2.5054	0.9263	0.8033
0.7413	0.9957	0.4278	2.5761	0.9381	0.8282
0.7831	0.9963	0.4191	2.6241	0.9458	0.8455
0.8476	0.9973	0.4030	2.7154	0.9597	0.8793
0.8896	0.9981	0.3943	2.7668	0.9672	0.8988
0.9805	0.9992	0.3758	2.8798	0.9828	0.9430
1.0556	0.9994	0.3665	2.9386	0.9905	0.9667
1.1774	1.0003	0.3591	2.9878	0.9967	0.9869
1.2814	1.0001	0.3564	3.0051	0.9988	0.9941
1.3857	1.0003	0.3557	3.0100	0.9995	0.9961
1.5138	1.0005	0.3557	3.0109	0.9996	0.9965
1.6016	1.0005	0.3555	3.0117	0.9997	0.9969
1.8423	1.0005	0.3552	3.0137	0.9999	0.9977
2.0773	1.0007	0.3552	3.0143	1.0000	0.9980
2.6466	1.0005	0.3548	3.0163	1.0002	0.9988
3.2406	1.0005	0.3546	3.0181	1.0004	0.9995
3.8293	1.0006	0.3542	3.0206	1.0007	1.0006
4.3905	1.0006	0.3540	3.0218	1.0009	1.0011
4.9703	1.0005	0.3555	3.0117	0.9997	0.9969
5.5302	1.0006	0.3566	3.0051	0.9988	0.9941
6.0628	1.0007	0.3549	3.0163	1.0002	0.9988

DEL = 0.1899 DELL= .0305 DEL*= .0721 CM
THETA= .01344 H = 5.363 UE = 636.2 M/SEC
RHOE= 0.2455 KG/M**3 RUN = 2021

MACH = 3.00 PO = 298.5 KPA TO = 312.4 K
ALPHA= 4.20 Z/D= 4.44 PHI= 330.
RPM= 20000. PW = 7.80 KPA REL=7390830.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9225	0.9225	0.0000	0.0000	0.3841
0.0749	0.9668	0.7646	1.1501	0.5599	0.4636
0.1014	0.9732	0.7084	1.3671	0.6406	0.5004
0.1254	0.9759	0.6770	1.4857	0.6807	0.5234
0.1524	0.9790	0.6438	1.6136	0.7209	0.5505
0.1885	0.9812	0.6199	1.7071	0.7483	0.5717
0.2006	0.9826	0.6055	1.7646	0.7644	0.5855
0.2380	0.9849	0.5734	1.8940	0.7986	0.6180
0.3066	0.9866	0.5532	1.9791	0.8196	0.6407
0.3645	0.9881	0.5344	2.0602	0.8385	0.6632
0.4164	0.9893	0.5207	2.1210	0.8521	0.6808
0.4594	0.9902	0.5058	2.1881	0.8664	0.7007
0.5086	0.9914	0.4912	2.2564	0.8804	0.7217
0.5611	0.9926	0.4741	2.3384	0.8964	0.7478
0.6200	0.9935	0.4585	2.4154	0.9106	0.7731
0.6792	0.9948	0.4423	2.4993	0.9253	0.8016
0.7104	0.9952	0.4328	2.5488	0.9336	0.8189
0.7730	0.9965	0.4163	2.6395	0.9482	0.8515
0.8264	0.9972	0.4046	2.7065	0.9583	0.8763
0.8769	0.9977	0.3944	2.7655	0.9670	0.8986
0.9117	0.9982	0.3867	2.8118	0.9735	0.9165
0.9847	0.9991	0.3748	2.8859	0.9836	0.9458
1.0293	0.9994	0.3702	2.9152	0.9874	0.9576
1.0837	0.9999	0.3649	2.9495	0.9919	0.9716
1.1285	0.9999	0.3618	2.9697	0.9944	0.9799
1.1938	1.0001	0.3588	2.9892	0.9969	0.9879
1.2495	1.0002	0.3573	2.9993	0.9981	0.9921
1.3052	1.0002	0.3565	3.0045	0.9988	0.9943
1.3522	1.0004	0.3563	3.0068	0.9990	0.9952
1.4169	1.0005	0.3560	3.0088	0.9993	0.9961
1.4728	1.0003	0.3557	3.0103	0.9995	0.9967
2.0190	1.0003	0.3552	3.0137	0.9999	0.9981
2.5773	1.0005	0.3548	3.0166	1.0002	0.9993
3.1495	1.0004	0.3545	3.0181	1.0004	0.9999
3.7339	1.0004	0.3542	3.0195	1.0006	1.0005
4.2812	1.0006	0.3541	3.0212	1.0008	1.0013
4.8294	1.0007	0.3558	3.0103	0.9995	0.9967
5.3827	1.0005	0.3555	3.0117	0.9996	0.9973
5.9242	1.0005	0.3548	3.0169	1.0003	0.9995

DEL = 0.1947 DELL= .0334 DEL*= .0751 CM
THETA= .01349 H = 5.563 UE = 636.3 M/SEC
RHOE= 0.2451 KG/M**3 RUN = 2022

MACH = 3.00 PO = 298.3 KPA TO = 307.3 K
ALPHA= 5.28 Z/D= 4.44 PHI= 120.
RPM= 0. PW = 6.00 KPA REL=7295110.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9193	0.9193	0.0000	0.0000	0.3563
0.0248	0.9585	0.8060	0.9729	0.4766	0.4065
0.0509	0.9652	0.7590	1.1652	0.5540	0.4316
0.0642	0.9687	0.7286	1.2835	0.5978	0.4497
0.1023	0.9732	0.6857	1.4476	0.6542	0.4778
0.1482	0.9771	0.6442	1.6074	0.7040	0.5086
0.2021	0.9800	0.6138	1.7272	0.7384	0.5335
0.2467	0.9816	0.5926	1.8116	0.7610	0.5529
0.2973	0.9839	0.5652	1.9247	0.7896	0.5797
0.3481	0.9853	0.5453	2.0086	0.8095	0.6007
0.3835	0.9868	0.5287	2.0813	0.8258	0.6197
0.4428	0.9887	0.5050	2.1886	0.8486	0.6490
0.4924	0.9899	0.4888	2.2639	0.8637	0.6704
0.5404	0.9913	0.4691	2.3595	0.8817	0.6986
0.5845	0.9925	0.4541	2.4350	0.8952	0.7218
0.6450	0.9939	0.4320	2.5501	0.9146	0.7586
0.6917	0.9949	0.4174	2.6302	0.9272	0.7851
0.7328	0.9957	0.4076	2.6857	0.9355	0.8041
0.7889	0.9964	0.3936	2.7671	0.9473	0.8325
0.8450	0.9976	0.3779	2.8633	0.9604	0.8673
0.9221	0.9986	0.3629	2.9593	0.9727	0.9031
0.9826	0.9994	0.3496	3.0487	0.9835	0.9376
1.0517	0.9998	0.3429	3.0947	0.9888	0.9557
1.1230	1.0001	0.3381	3.1298	0.9926	0.9693
1.1924	1.0003	0.3346	3.1538	0.9954	0.9794
1.2640	1.0007	0.3325	3.1697	0.9971	0.9859
1.3292	1.0009	0.3319	3.1747	0.9977	0.9879
1.4794	1.0007	0.3309	3.1816	0.9984	0.9908
1.6071	1.0009	0.3309	3.1818	0.9984	0.9908
1.9781	1.0010	0.3293	3.1937	0.9997	0.9957

DEL = 0.3072 DELU= .0519 DEL*= .1271 CM
THETA= .02171 H = 5.856 UE = 643.9 M/SEC
RHOE= 0.2082 KG/M**3 RUN = 4111

MACH = 3.00 PO = 298.2 KPA TO = 307.7 K
ALPHA= 5.28 Z/D= 4.44 PHI= 120.
RPM= 20000. PW = 6.00 KPA REL=7276411.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9194	0.9194	0.0000	0.0000	0.3575
0.0637	0.9678	0.7342	1.2613	0.5903	0.4477
0.0882	0.9724	0.6909	1.4272	0.6480	0.4758
0.1357	0.9765	0.6484	1.5906	0.6996	0.5070
0.1680	0.9794	0.6152	1.7206	0.7371	0.5344
0.2467	0.9829	0.5741	1.8869	0.7809	0.5726
0.3104	0.9851	0.5490	1.9930	0.8065	0.5989
0.3785	0.9871	0.5221	2.1104	0.8328	0.6298
0.4452	0.9891	0.4960	2.2294	0.8576	0.6629
0.4985	0.9905	0.4766	2.3220	0.8755	0.6899
0.5759	0.9926	0.4496	2.4572	0.8998	0.7314
0.6319	0.9937	0.4297	2.5616	0.9171	0.7651
0.7106	0.9953	0.4069	2.6891	0.9368	0.8081
0.7765	0.9964	0.3894	2.7916	0.9515	0.8443
0.8342	0.9974	0.3771	2.8678	0.9617	0.8720
0.9148	0.9982	0.3617	2.9659	0.9743	0.9089
0.9791	0.9990	0.3512	3.0371	0.9829	0.9364
1.0518	0.9997	0.3429	3.0944	0.9895	0.9591
1.1142	1.0000	0.3383	3.1274	0.9933	0.9723
1.1830	1.0002	0.3352	3.1492	0.9957	0.9811
1.2541	1.0005	0.3338	3.1602	0.9969	0.9856
1.3251	1.0003	0.3331	3.1648	0.9974	0.9875
1.4657	1.0004	0.3323	3.1702	0.9980	0.9897
1.5987	1.0006	0.3319	3.1741	0.9984	0.9913
1.9604	1.0008	0.3305	3.1847	0.9995	0.9956

DEL = 0.3097 DELL= .0516 DEL*= .1240 CM
THETA= .02082 H = 5.956 UE = 643.7 M/SEC
RHOE= 0.2070 KG/M**3 RUN = 4112

MACH = 3.00 PO = 298.1 KPA TO = 305.9 K
ALPHA= 5.28 Z/D= 4.44 PHI= 150.
RPM= 0. PW = 6.51 KPA REL=7331366.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9205	0.9205	0.0000	0.0000	0.3668
0.0171	0.9564	0.8286	0.8780	0.4394	0.4075
0.0505	0.9653	0.7659	1.1423	0.5494	0.4412
0.0951	0.9704	0.7170	1.3293	0.6189	0.4709
0.1401	0.9738	0.6878	1.4420	0.6574	0.4911
0.1854	0.9764	0.6593	1.5508	0.6922	0.5123
0.2243	0.9783	0.6360	1.6404	0.7193	0.5309
0.2742	0.9806	0.6115	1.7373	0.7469	0.5523
0.3205	0.9825	0.5896	1.8251	0.7705	0.5727
0.3644	0.9840	0.5689	1.9100	0.7921	0.5925
0.4141	0.9859	0.5468	2.0040	0.8146	0.6177
0.4585	0.9876	0.5265	2.0925	0.8347	0.6415
0.5062	0.9892	0.5053	2.1880	0.8550	0.6684
0.5577	0.9904	0.4869	2.2739	0.8723	0.6936
0.5978	0.9918	0.4695	2.3584	0.8883	0.7194
0.6466	0.9929	0.4509	2.4518	0.9050	0.7491
0.6926	0.9941	0.4358	2.5308	0.9184	0.7750
0.7446	0.9949	0.4204	2.6141	0.9318	0.8033
0.7995	0.9961	0.4060	2.6956	0.9442	0.8319
0.8372	0.9971	0.3934	2.7700	0.9550	0.8588
0.8895	0.9976	0.3820	2.8386	0.9644	0.8842
0.9446	0.9982	0.3693	2.9178	0.9749	0.9144
0.9796	0.9992	0.3604	2.9770	0.9823	0.9374
1.0380	0.9993	0.3521	3.0316	0.9890	0.9591
1.0819	1.0000	0.3467	3.0694	0.9934	0.9744
1.1260	1.0000	0.3432	3.0932	0.9962	0.9841
1.1791	1.0004	0.3409	3.1102	0.9981	0.9910
1.2323	1.0003	0.3396	3.1186	0.9991	0.9945
1.2799	1.0005	0.3388	3.1249	0.9998	0.9971
1.3803	1.0005	0.3383	3.1288	1.0002	0.9987
1.4950	1.0006	0.3381	3.1300	1.0004	0.9992
1.6326	1.0006	0.3380	3.1304	1.0004	0.9994
1.8761	1.0007	0.3381	3.1304	1.0004	0.9994

DEL = 0.4458 DELL= .0816 DEL*= .1916 CM
THETA= .03371 H = 5.685 UE = 637.7 M/SEC
RHOE= 0.2203 KG/M**3 RUN = 4103

MACH = 3.00 PO = 297.9 KPA TO = 306.1 K
ALPHA= 5.28 Z/D= 4.44 PHI= 150.
RPM= 20000. PW = 6.51 KPA REL=7322255.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9206	0.9206	0.0000	0.0000	0.3674
0.0545	0.9656	0.7606	1.1609	0.5567	0.4447
0.0625	0.9679	0.7405	1.2393	0.5863	0.4568
0.0963	0.9720	0.7025	1.3850	0.6382	0.4815
0.1492	0.9754	0.6675	1.5187	0.6822	0.5067
0.1903	0.9779	0.6411	1.6208	0.7135	0.5276
0.2344	0.9802	0.6144	1.7255	0.7436	0.5505
0.2787	0.9819	0.5944	1.8056	0.7654	0.5691
0.3290	0.9838	0.5718	1.8978	0.7891	0.5915
0.3740	0.9854	0.5510	1.9856	0.8104	0.6139
0.4222	0.9870	0.5297	2.0776	0.8314	0.6385
0.4707	0.9886	0.5095	2.1684	0.8510	0.6639
0.5167	0.9900	0.4890	2.2634	0.8702	0.6916
0.5636	0.9913	0.4711	2.3496	0.8867	0.7179
0.6136	0.9926	0.4549	2.4310	0.9014	0.7436
0.6637	0.9936	0.4381	2.5177	0.9163	0.7720
0.7139	0.9948	0.4232	2.5987	0.9294	0.7994
0.7643	0.9957	0.4097	2.6743	0.9410	0.8257
0.8118	0.9965	0.3962	2.7524	0.9525	0.8538
0.8624	0.9973	0.3850	2.8199	0.9619	0.8787
0.9101	0.9977	0.3750	2.8817	0.9702	0.9020
0.9607	0.9984	0.3638	2.9531	0.9794	0.9296
1.0055	0.9991	0.3561	3.0045	0.9857	0.9499
1.0624	0.9997	0.3499	3.0473	0.9909	0.9671
1.1121	0.9998	0.3440	3.0871	0.9955	0.9833
1.1619	1.0000	0.3413	3.1065	0.9977	0.9912
1.2133	0.9999	0.3399	3.1162	0.9988	0.9952
1.2650	1.0001	0.3394	3.1196	0.9992	0.9966
1.3169	0.9999	0.3391	3.1215	0.9994	0.9974
1.4169	1.0000	0.3388	3.1238	0.9997	0.9983
1.5223	1.0002	0.3386	3.1255	0.999[illegible]	0.9990
1.6743	1.0002	0.3386	3.1254	0.9999	0.9990
1.9243	1.0002	0.3384	3.1270	1.0001	0.9997

DEL = 0.4343 DELL= .0781 DEL*= .1809 CM
THETA= .03135 H = 5.770 UE = 637.8 M/SEC
RHOE= 0.2198 KG/M**3 RUN = 4104

MACH = 3.00 PO = 298.7 KPA TO = 304.8 K
ALPHA= 5.28 Z/D= 4.44 PHI= 170.
RPM= 0. PW = 6.72 KPA REL=7394083.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3692
0.0374	0.9655	0.7626	1.1533	0.5548	0.4458
0.0702	0.9706	0.7174	1.3283	0.6198	0.4739
0.1055	0.9737	0.6876	1.4421	0.6588	0.4944
0.1391	0.9760	0.6638	1.5333	0.6882	0.5121
0.1734	0.9781	0.6411	1.6211	0.7150	0.5303
0.2124	0.9800	0.6215	1.6981	0.7374	0.5471
0.2484	0.9816	0.6025	1.7737	0.7583	0.5644
0.2836	0.9828	0.5860	1.8398	0.7758	0.5801
0.3223	0.9845	0.5674	1.9171	0.7954	0.5993
0.3569	0.9858	0.5487	1.9958	0.8143	0.6196
0.3950	0.9874	0.5321	2.0685	0.8310	0.6392
0.4357	0.9885	0.5151	2.1436	0.8474	0.6601
0.4721	0.9897	0.5012	2.2074	0.8607	0.6785
0.5076	0.9907	0.4866	2.2761	0.8744	0.6990
0.5461	0.9919	0.4733	2.3403	0.8867	0.7186
0.5860	0.9926	0.4605	2.4034	0.8983	0.7385
0.6237	0.9934	0.4486	2.4640	0.9090	0.7581
0.6661	0.9942	0.4365	2.5274	0.9197	0.7791
0.7016	0.9951	0.4264	2.5823	0.9286	0.7977
0.7454	0.9958	0.4151	2.6449	0.9384	0.8195
0.7858	0.9964	0.4062	2.6954	0.9460	0.8374
0.8238	0.9970	0.3968	2.7503	0.9540	0.8573
0.8571	0.9976	0.3895	2.7915	0.9599	0.8725
0.8988	0.9981	0.3800	2.8516	0.9681	0.8951
0.9419	0.9988	0.3716	2.9053	0.9752	0.9157
0.9839	0.9994	0.3627	2.9623	0.9824	0.9375
1.0224	0.9996	0.3554	3.0108	0.9884	0.9572
1.0659	1.0001	0.3486	3.0566	0.9939	0.9757
1.1047	1.0005	0.3444	3.0865	0.9974	0.9879
1.1436	1.0006	0.3420	3.1030	0.9993	0.9948
1.1847	1.0007	0.3408	3.1117	1.0003	0.9984
1.2295	1.0009	0.3403	3.1157	1.0007	1.0000
1.3137	1.0010	0.3400	3.1179	1.0010	1.0009
1.4363	1.0008	0.3399	3.1179	1.0010	1.0009
1.6311	1.0009	0.3401	3.1170	1.0009	1.0005

DEL = 0.5440 DELL= .0924 DEL*= .2207 CM
THETA= .03912 H = 5.643 UE = 635.2 M/SEC
RHOE= 0.2259 KG/M**3 RUN = 4094

MACH = 3.00 PO = 298.5 KPA TO = 304.5 K
ALPHA= 5.28 Z/D= 4.44 PHI= 170.
RPM= 20000. PW = 6.72 KPA REL=7376761.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3694
0.0708	0.9697	0.7258	1.2962	0.6082	0.4687
0.1090	0.9732	0.6928	1.4223	0.6520	0.4910
0.1466	0.9758	0.6672	1.5210	0.6841	0.5100
0.1796	0.9777	0.6454	1.6044	0.7098	0.5271
0.2183	0.9795	0.6250	1.6840	0.7332	0.5443
0.2597	0.9814	0.6046	1.7654	0.7559	0.5628
0.2956	0.9828	0.5860	1.8401	0.7757	0.5806
0.3285	0.9841	0.5697	1.9069	0.7927	0.5971
0.3718	0.9860	0.5483	1.9977	0.8146	0.6206
0.4051	0.9869	0.5331	2.0629	0.8295	0.6381
0.4455	0.9884	0.5160	2.1393	0.8463	0.6594
0.4851	0.9894	0.4999	2.2129	0.8616	0.6806
0.5249	0.9905	0.4849	2.2832	0.8756	0.7016
0.5633	0.9916	0.4717	2.3476	0.8879	0.7214
0.5981	0.9922	0.4603	2.4037	0.8981	0.7391
0.6414	0.9933	0.4468	2.4733	0.9103	0.7616
0.6775	0.9940	0.4368	2.5256	0.9192	0.7790
0.7222	0.9948	0.4245	2.5917	0.9299	0.8015
0.7646	0.9956	0.4124	2.6590	0.9403	0.8250
0.8059	0.9965	0.4022	2.7180	0.9491	0.8461
0.8473	0.9969	0.3920	2.7779	0.9577	0.8681
0.8886	0.9977	0.3830	2.8329	0.9653	0.8886
0.9228	0.9980	0.3750	2.8820	0.9719	0.9073
0.9680	0.9985	0.3650	2.9456	0.9801	0.9320
1.0097	0.9991	0.3574	2.9962	0.9864	0.9520
1.0504	0.9994	0.3508	3.0402	0.9917	0.9697
1.0912	1.0001	0.3457	3.0762	0.9959	0.9844
1.1308	1.0000	0.3427	3.0970	0.9983	0.9929
1.1706	1.0000	0.3409	3.1091	0.9997	0.9979
1.2101	1.0002	0.3401	3.1149	1.0004	1.0003
1.2559	1.0004	0.3399	3.1171	1.0006	1.0013
1.3445	1.0002	0.3398	3.1171	1.0006	1.0013
1.4650	1.0004	0.3401	3.1158	1.0005	1.0007
1.6728	1.0004	0.3403	3.1145	1.0003	1.0002

DEL = 0.5320 DELL= .0960 DEL*= .2204 CM
THETA= .03806 H = 5.792 UE = 635.6 M/SEC
RHOE= 0.2252 KG/M**3 RUN = 4095

MACH = 3.00 PO = 298.1 KPA TO = 306.7 K
ALPHA= 5.28 Z/D= 4.44 PHI= 180.
RPM= 0. PW = 6.73 KPA REL=7307472.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3701
0.0382	0.9659	0.7621	1.1561	0.5563	0.4473
0.0525	0.9677	0.7448	1.2234	0.5820	0.4576
0.0792	0.9716	0.7089	1.3610	0.6317	0.4808
0.1187	0.9748	0.6767	1.4841	0.6729	0.5037
0.1544	0.9772	0.6518	1.5797	0.7030	0.5229
0.1884	0.9790	0.6308	1.6614	0.7273	0.5403
0.2249	0.9808	0.6108	1.7402	0.7497	0.5580
0.2622	0.9824	0.5917	1.8168	0.7704	0.5760
0.2999	0.9840	0.5720	1.8977	0.7911	0.5959
0.3334	0.9854	0.5571	1.9604	0.8065	0.6119
0.3761	0.9866	0.5386	2.0392	0.8249	0.6328
0.4100	0.9880	0.5221	2.1123	0.8412	0.6529
0.4488	0.9889	0.5072	2.1793	0.8555	0.6720
0.4889	0.9903	0.4916	2.2523	0.8703	0.6935
0.5259	0.9912	0.4783	2.3153	0.8826	0.7127
0.5666	0.9921	0.4650	2.3806	0.8948	0.7330
0.6041	0.9931	0.4537	2.4380	0.9050	0.7515
0.6424	0.9939	0.4421	2.4979	0.9154	0.7712
0.6796	0.9946	0.4316	2.5540	0.9247	0.7900
0.7229	0.9954	0.4200	2.6171	0.9347	0.8118
0.7615	0.9960	0.4102	2.6719	0.9432	0.8311
0.8013	0.9966	0.4008	2.7261	0.9512	0.8506
0.8413	0.9972	0.3914	2.7822	0.9592	0.8712
0.8826	0.9978	0.3822	2.8379	0.9669	0.8921
0.9251	0.9985	0.3746	2.8859	0.9733	0.9104
0.9655	0.9990	0.3663	2.9388	0.9801	0.9310
1.0067	0.9995	0.3593	2.9850	0.9859	0.9492
1.0434	0.9998	0.3536	3.0231	0.9906	0.9645
1.0851	1.0001	0.3486	3.0568	0.9946	0.9782
1.1269	1.0003	0.3448	3.0832	0.9977	0.9850
1.1640	1.0005	0.3425	3.0991	0.9995	0.9956
1.2110	1.0007	0.3413	3.1078	1.0005	0.9992
1.2496	1.0008	0.3406	3.1130	1.0011	1.0013
1.2954	1.0006	0.3403	3.1149	1.0013	1.0022
1.3387	1.0008	0.3403	3.1156	1.0014	1.0024
1.3818	1.0008	0.3402	3.1156	1.0014	1.0024
1.4184	1.0008	0.3403	3.1153	1.0013	1.0023

DEL = 0.5321 DELU= .0892 DEL*= .2133 CM
THETA= .03793 H = 5.624 UE = 636.8 M/SEC
RHOE= 0.2244 KG/M**3 RUN = 4085

MACH = 3.00 PO = 297.9 KPA TO = 306.9 K
ALPHA= 5.28 Z/D= 4.44 PHI= 180.
RPM= 20000. PW = 6.73 KPA REL=7296432.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3701
0.0579	0.9688	0.7362	1.2568	0.5942	0.4630
0.0691	0.9700	0.7242	1.3027	0.6109	0.4706
0.0864	0.9720	0.7047	1.3773	0.6371	0.4837
0.1214	0.9751	0.6736	1.4961	0.6766	0.5060
0.1526	0.9773	0.6500	1.5868	0.7050	0.5244
0.1862	0.9791	0.6299	1.6651	0.7282	0.5411
0.2276	0.9811	0.6067	1.7566	0.7540	0.5618
0.2635	0.9827	0.5881	1.8314	0.7740	0.5795
0.2964	0.9841	0.5702	1.9050	0.7927	0.5977
0.3361	0.9859	0.5494	1.9930	0.8140	0.6204
0.3717	0.9869	0.5340	2.0591	0.8292	0.6382
0.4097	0.9883	0.5161	2.1386	0.8467	0.6603
0.4469	0.9896	0.5010	2.2084	0.8612	0.6805
0.4855	0.9904	0.4863	2.2767	0.8749	0.7009
0.5198	0.9914	0.4730	2.3408	0.8871	0.7205
0.5623	0.9925	0.4597	2.4070	0.8993	0.7415
0.6006	0.9930	0.4491	2.4608	0.9088	0.7589
0.6349	0.9940	0.4382	2.5181	0.9185	0.7779
0.6788	0.9947	0.4272	2.5774	0.9282	0.7980
0.7180	0.9954	0.4167	2.6350	0.9372	0.8180
0.7562	0.9961	0.4080	2.6849	0.9448	0.8357
0.7956	0.9967	0.3991	2.7365	0.9524	0.8544
0.8375	0.9973	0.3902	2.7892	0.9599	0.8738
0.8759	0.9976	0.3826	2.8352	0.9663	0.8911
0.9155	0.9981	0.3746	2.8847	0.9729	0.9100
0.9552	0.9987	0.3676	2.9300	0.9787	0.9275
0.9961	0.9988	0.3604	2.9758	0.9845	0.9456
1.0360	0.9994	0.3545	3.0158	0.9894	0.9616
1.0760	0.9995	0.3494	3.0503	0.9935	0.9756
1.1125	0.9999	0.3461	3.0733	0.9962	0.9850
1.1589	1.0001	0.3434	3.0919	0.9984	0.9926
1.2006	1.0001	0.3420	3.1022	0.9996	0.9969
1.2412	1.0004	0.3413	3.1074	1.0002	0.9990
1.2803	1.0006	0.3410	3.1100	1.0005	1.0001
1.3636	1.0006	0.3409	3.1106	1.0005	1.0004
1.4491	1.0006	0.3407	3.1116	1.0006	1.0008
1.5701	1.0004	0.3405	3.1132	1.0008	1.0014
1.7348	1.0008	0.3409	3.1113	1.0006	1.0007
1.9330	1.0006	0.3410	3.1101	1.0005	1.0002

DEL = 0.5384 DELU= .0902 DEL*= .2128 CM
THETA= .03741 H = 5.687 UE = 637.2 M/SEC
RHOE= 0.2241 KG/M**3 RUN = 4086

MACH = 3.00 PO = 297.9 KPA TO = 309.3 K
ALPHA= 5.28 Z/D= 4.44 PHI= 190.
RPM= 0. PW = 6.71 KPA REL=7207847.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3703
0.0147	0.9616	0.7953	1.0227	0.5027	0.4288
0.0319	0.9662	0.7589	1.1688	0.5612	0.4494
0.0589	0.9702	0.7257	1.2978	0.6093	0.4700
0.0950	0.9729	0.6976	1.4048	0.6467	0.4889
0.1336	0.9757	0.6697	1.5115	0.6827	0.5093
0.1720	0.9780	0.6471	1.5988	0.7088	0.5271
0.2119	0.9798	0.6263	1.6798	0.7326	0.5446
0.2497	0.9815	0.6065	1.7582	0.7546	0.5624
0.2890	0.9830	0.5868	1.8374	0.7757	0.5812
0.3286	0.9847	0.5699	1.9075	0.7935	0.5986
0.3650	0.9858	0.5533	1.9772	0.8105	0.6165
0.4039	0.9871	0.5366	2.0489	0.8271	0.6357
0.4407	0.9883	0.5207	2.1189	0.8426	0.6551
0.4862	0.9893	0.5042	2.1937	0.8585	0.6765
0.5235	0.9906	0.4890	2.2649	0.8728	0.6976
0.5679	0.9917	0.4741	2.3363	0.8865	0.7195
0.6049	0.9926	0.4611	2.4006	0.8984	0.7397
0.6457	0.9934	0.4487	2.4636	0.9095	0.7601
0.6903	0.9943	0.4359	2.5307	0.9208	0.7825
0.7263	0.9952	0.4249	2.5908	0.9306	0.8030
0.7649	0.9959	0.4151	2.6451	0.9390	0.8220
0.8136	0.9965	0.4030	2.7137	0.9493	0.8465
0.8536	0.9971	0.3928	2.7735	0.9580	0.8684
0.8898	0.9979	0.3840	2.8274	0.9654	0.8885
0.9349	0.9983	0.3742	2.8880	0.9736	0.9117
0.9827	0.9990	0.3639	2.9540	0.9820	0.9374
1.0206	0.9996	0.3561	3.0061	0.9885	0.9581
1.0636	0.9999	0.3491	3.0528	0.9941	0.9770
1.1030	1.0004	0.3446	3.0848	0.9978	0.9901
1.1450	1.0005	0.3422	3.1014	0.9997	0.9970
1.1846	1.0006	0.3413	3.1079	1.0005	0.9997
1.2317	1.0008	0.3409	3.1108	1.0008	1.0009
1.2788	1.0008	0.3408	3.1115	1.0009	1.0012
1.3608	1.0008	0.3409	3.1112	1.0008	1.0010
1.4923	1.0006	0.3408	3.1112	1.0008	1.0010
1.6895	1.0006	0.3409	3.1106	1.0008	1.0008
1.9173	1.0007	0.3412	3.1089	1.0006	1.0001

DEL = 0.5175 DELU= .0874 DEL*= .2123 CM
THETA= .03843 H = 5.524 UE = 639.6 M/SEC
RHOE= 0.2223 KG/M**3 RUN = 4074

MACH = 3.00 PO = 297.8 KPA TO = 309.6 K
ALPHA= 5.28 Z/D= 4.44 PHI= 190.
RPM= 20000. PW = 6.70 KPA REL=7195610.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3701
0.0397	0.9674	0.7469	1.2152	0.5786	0.4564
0.0620	0.9703	0.7206	1.3165	0.6157	0.4730
0.0930	0.9730	0.6949	1.4146	0.6497	0.4905
0.1275	0.9754	0.6704	1.5081	0.6804	0.5084
0.1684	0.9779	0.6457	1.6039	0.7100	0.5280
0.2075	0.9794	0.6261	1.6797	0.7323	0.5444
0.2412	0.9810	0.6084	1.7497	0.7520	0.5602
0.2831	0.9826	0.5883	1.8306	0.7736	0.5793
0.3218	0.9842	0.5716	1.8998	0.7913	0.5964
0.3528	0.9852	0.5567	1.9615	0.8064	0.6122
0.3944	0.9867	0.5389	2.0383	0.8244	0.6326
0.4363	0.9882	0.5219	2.1136	0.8412	0.6533
0.4738	0.9891	0.5074	2.1788	0.8550	0.6719
0.5115	0.9902	0.4925	2.2475	0.8690	0.6921
0.5525	0.9911	0.4791	2.3117	0.8815	0.7116
0.5936	0.9921	0.4651	2.3802	0.8943	0.7329
0.6322	0.9928	0.4525	2.4435	0.9056	0.7533
0.6748	0.9940	0.4401	2.5085	0.9168	0.7747
0.7125	0.9946	0.4287	2.5690	0.9267	0.7952
0.7576	0.9956	0.4167	2.6357	0.9372	0.8183
0.7980	0.9960	0.4065	2.6928	0.9459	0.8386
0.8384	0.9969	0.3966	2.7511	0.9544	0.8598
0.8738	0.9974	0.3877	2.8042	0.9619	0.8794
0.9168	0.9981	0.3781	2.8635	0.9699	0.9019
0.9537	0.9983	0.3688	2.9212	0.9775	0.9241
0.9982	0.9990	0.3601	2.9787	0.9847	0.9468
1.0391	0.9996	0.3528	3.0275	0.9907	0.9663
1.0801	0.9998	0.3469	3.0677	0.9954	0.9827
1.1250	1.0000	0.3433	3.0925	0.9983	0.9929
1.1626	1.0003	0.3416	3.1048	0.9997	0.9980
1.2062	1.0002	0.3409	3.1097	1.0003	1.0000
1.2497	1.0004	0.3406	3.1123	1.0006	1.0011
1.3351	1.0002	0.3404	3.1133	1.0007	1.0015
1.4614	1.0002	0.3405	3.1124	1.0006	1.0011
1.6681	1.0006	0.3407	3.1120	1.0006	1.0010
1.8712	1.0004	0.3408	3.1111	1.0004	1.0006

DEL = 0.5285 DELU= .0911 DEL*= .2172 CM
THETA= .03869 H = 5.614 UE = 640.0 M/SEC
RHOE= 0.2222 KG/M**3 RUN = 4075

MACH = 3.00 PO = 298.5 KPA TO = 309.3 K
ALPHA= 5.28 Z/D= 4.44 PHI= 210.
RPM= 0. PW = 6.53 KPA REL=7234552.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9204	0.9204	0.0000	0.0000	0.3657
0.0181	0.9604	0.7963	1.0151	0.4978	0.4226
0.0445	0.9659	0.7580	1.1710	0.5603	0.4441
0.0897	0.9711	0.7081	1.3627	0.6303	0.4752
0.1355	0.9744	0.6771	1.4816	0.6700	0.4970
0.1762	0.9771	0.6483	1.5924	0.7047	0.5191
0.2249	0.9794	0.6233	1.6899	0.7333	0.5399
0.2768	0.9816	0.5991	1.7870	0.7600	0.5619
0.3206	0.9835	0.5788	1.8697	0.7816	0.5817
0.3704	0.9850	0.5572	1.9595	0.8038	0.6042
0.4177	0.9867	0.5357	2.0519	0.8253	0.6264
0.4667	0.9882	0.5158	2.1401	0.8446	0.6527
0.5060	0.9895	0.4988	2.2177	0.8607	0.6748
0.5659	0.9911	0.4752	2.3299	0.8826	0.7084
0.6160	0.9926	0.4576	2.4175	0.8986	0.7357
0.6667	0.9937	0.4404	2.5065	0.9140	0.7645
0.7137	0.9948	0.4253	2.5872	0.9271	0.7916
0.7638	0.9959	0.4112	2.6665	0.9394	0.8150
0.8140	0.9967	0.3980	2.7424	0.9506	0.8460
0.8568	0.9973	0.3870	2.8081	0.9598	0.8701
0.9133	0.9982	0.3746	2.8850	0.9702	0.8969
0.9562	0.9992	0.3646	2.9503	0.9786	0.9240
1.0177	0.9997	0.3538	3.0212	0.9873	0.9519
1.0700	1.0002	0.3466	3.0706	0.9931	0.9718
1.1193	1.0004	0.3424	3.1001	0.9965	0.9838
1.1655	1.0006	0.3398	3.1185	0.9986	0.9913
1.2228	1.0008	0.3386	3.1274	0.9996	0.9950
1.3240	1.0011	0.3380	3.1317	1.0001	0.9968
1.4304	1.0010	0.3380	3.1318	1.0001	0.9968
1.4792	1.0011	0.3379	3.1324	1.0002	0.9971
1.5825	1.0011	0.3379	3.1325	1.0002	0.9971
1.8533	1.0013	0.3374	3.1367	1.0007	0.9988
2.1115	1.0013	0.3375	3.1357	1.0005	0.9984

DEL = 0.4204 DELL= .0734 DEL*= .1767 CM
THETA= .03117 H = 5.668 UE = 641.4 M/SEC
RHOE= 0.2185 KG/M**3 RUN = 4068

MACH = 3.00 PO = 298.5 KPA TO = 309.5 K
ALPHA= 5.28 Z/D= 4.44 PHI= 210.
RPM= 20000. PW = 6.53 KPA REL=7218129.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9203	0.9203	0.0000	0.0000	0.3650
0.0470	0.9652	0.7624	1.1531	0.5528	0.4406
0.0670	0.9674	0.7435	1.2270	0.5809	0.4518
0.0846	0.9692	0.7270	1.2908	0.6042	0.4621
0.1278	0.9723	0.6979	1.4020	0.6431	0.4814
0.1662	0.9749	0.6737	1.4951	0.6737	0.4988
0.2121	0.9769	0.6499	1.5861	0.7020	0.5169
0.2531	0.9789	0.6278	1.6721	0.7274	0.5351
0.2984	0.9809	0.6064	1.7572	0.7512	0.5541
0.3453	0.9828	0.5841	1.8476	0.7751	0.5753
0.3940	0.9847	0.5607	1.9442	0.7992	0.5992
0.4402	0.9861	0.5403	2.0311	0.8197	0.6218
0.4772	0.9875	0.5224	2.1099	0.8372	0.6431
0.5338	0.9894	0.4985	2.2191	0.8601	0.6741
0.5713	0.9904	0.4821	2.2962	0.8753	0.6969
0.6174	0.9921	0.4638	2.3865	0.8921	0.7246
0.6617	0.9932	0.4468	2.4730	0.9073	0.7522
0.7161	0.9944	0.4289	2.5678	0.9231	0.7836
0.7664	0.9955	0.4129	2.6561	0.9369	0.8139
0.8052	0.9963	0.4009	2.7251	0.9471	0.8383
0.8543	0.9973	0.3877	2.8042	0.9583	0.8671
0.9136	0.9982	0.3744	2.8861	0.9693	0.8977
0.9556	0.9990	0.3645	2.9503	0.9775	0.9224
1.0049	0.9994	0.3543	3.0173	0.9858	0.9487
1.0528	0.9999	0.3466	3.0700	0.9920	0.9698
1.1032	1.0002	0.3416	3.1047	0.9960	0.9839
1.1490	1.0002	0.3391	3.1221	0.9980	0.9910
1.1959	1.0004	0.3380	3.1307	0.9990	0.9946
1.2989	1.0003	0.3372	3.1360	0.9995	0.9968
1.3952	1.0005	0.3369	3.1383	0.9998	0.9977
1.4987	1.0005	0.3366	3.1403	1.0000	0.9985
1.7451	1.0003	0.3365	3.1406	1.0001	0.9987
1.9873	1.0005	0.3366	3.1407	1.0001	0.9987

DEL = 0.4457 DELL= .0851 DEL*= .1948 CM
THETA= .03332 H = 5.847 UE = 642.3 M/SEC
RHOE= 0.2185 KG/M**3 RUN = 4069

MACH = 3.00 PO = 298.5 KPA TO = 307.3 K
ALPHA= 5.28 Z/D= 4.44 PHI= 240.
RPM= 0. PW = 6.01 KPA REL=7306923.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3539
0.0252	0.9652	0.7502	1.1972	0.5652	0.4334
0.0438	0.9685	0.7266	1.2901	0.5992	0.4477
0.0756	0.9729	0.6844	1.4518	0.6545	0.4753
0.1075	0.9758	0.6504	1.5817	0.6952	0.5000
0.1759	0.9807	0.6024	1.7720	0.7493	0.5401
0.2415	0.9835	0.5677	1.9139	0.7856	0.5731
0.3064	0.9852	0.5424	2.0204	0.8108	0.5996
0.3733	0.9874	0.5157	2.1383	0.8368	0.6307
0.4268	0.9891	0.4926	2.2447	0.8585	0.6603
0.4926	0.9909	0.4696	2.3561	0.8797	0.6929
0.5629	0.9927	0.4441	2.4854	0.9024	0.7326
0.6377	0.9943	0.4216	2.6062	0.9220	0.7718
0.6989	0.9957	0.4034	2.7095	0.9375	0.8067
0.7624	0.9969	0.3873	2.8055	0.9511	0.8404
0.8390	0.9980	0.3705	2.9101	0.9649	0.8785
0.9128	0.9985	0.3586	2.9872	0.9745	0.9075
0.9847	0.9992	0.3478	3.0602	0.9832	0.9356
1.0334	0.9998	0.3408	3.1096	0.9889	0.9551
1.1204	1.0004	0.3338	3.1598	0.9944	0.9751
1.1864	1.0004	0.3312	3.1782	0.9964	0.9826
1.2546	1.0005	0.3302	3.1859	0.9973	0.9857
1.4065	1.0005	0.3293	3.1923	0.9979	0.9883
1.5372	1.0008	0.3288	3.1968	0.9984	0.9901
1.7272	1.0010	0.3282	3.2014	0.9989	0.9920
2.1263	1.0012	0.3271	3.2098	0.9998	0.9954

CEL = 0.3023 DELU= .0458 DEL*= .1177 CM
THETA= .02026 H = 5.807 UE = 644.7 M/SEC
RHOE= 0.2100 KG/M**3 RUN = 4061

MACH = 3.00 PO = 298.6 KPA TO = 307.7 K
ALPHA= 5.28 Z/D= 4.44 PHI= 240.
RPM= 20000. PW = 6.01 KPA REL=7285163.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9189	0.9189	0.0000	0.0000	0.3527
0.0578	0.9697	0.7130	1.3416	0.6166	0.4546
0.0688	0.9708	0.7041	1.3763	0.6295	0.4604
0.1002	0.9735	0.6770	1.4798	0.6626	0.4788
0.1336	0.9762	0.6511	1.5802	0.6938	0.4980
0.1636	0.9775	0.6323	1.6521	0.7150	0.5126
0.2361	0.9813	0.5910	1.8172	0.7603	0.5485
0.3014	0.9837	0.5639	1.9295	0.7885	0.5750
0.3615	0.9858	0.5374	2.0427	0.8148	0.6034
0.4258	0.9878	0.5109	2.1603	0.8403	0.6346
0.4945	0.9895	0.4851	2.2800	0.8643	0.6682
0.5518	0.9915	0.4600	2.4037	0.8871	0.7049
0.6274	0.9932	0.4350	2.5332	0.9092	0.7454
0.6896	0.9946	0.4155	2.6397	0.9259	0.7804
0.7582	0.9961	0.3956	2.7551	0.9428	0.8199
0.8275	0.9971	0.3763	2.8718	0.9587	0.8616
0.8981	0.9984	0.3626	2.9610	0.9701	0.8946
0.9625	0.9990	0.3499	3.0454	0.9802	0.9268
1.0292	0.9996	0.3397	3.1165	0.9884	0.9546
1.1023	1.0002	0.3334	3.1619	0.9934	0.9728
1.1693	1.0000	0.3301	3.1853	0.9959	0.9822
1.2427	1.0001	0.3286	3.1966	0.9971	0.9868
1.3058	1.0003	0.3280	3.2015	0.9977	0.9887
1.3753	1.0005	0.3276	3.2049	0.9980	0.9901
1.5187	1.0009	0.3272	3.2087	0.9984	0.9917
1.7356	1.0006	0.3265	3.2129	0.9989	0.9934
2.0985	1.0007	0.3257	3.2188	0.9995	0.9959

DEL = 0.3073 DELU= .0521 DEL*= .1271 CM
THETA= .02120 H = 5.996 UE = 646.0 M/SEC
RHOE= 0.2105 KG/M**3 RUN = 4062

MACH = 3.00 PO = 297.9 KPA TO = 307.3 K
ALPHA= 6.34 Z/D= 4.44 PHI= 0.
RPM= 0. PW = 8.87 KPA REL=7278904.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9248	0.9248	0.0000	0.0000	0.4033
0.1321	0.9816	0.6301	1.6703	0.7489	0.5919
0.1321	0.9821	0.6268	1.6836	0.7528	0.5952
0.1914	0.9846	0.5942	1.8126	0.7892	0.6277
0.2264	0.9861	0.5751	1.8903	0.8097	0.6485
0.2616	0.9875	0.5547	1.9762	0.8312	0.6725
0.3004	0.9891	0.5376	2.0494	0.8487	0.6939
0.3572	0.9904	0.5180	2.1352	0.8680	0.7199
0.4142	0.9914	0.5032	2.2026	0.8825	0.7412
0.4751	0.9923	0.4906	2.2615	0.8947	0.7602
0.5400	0.9932	0.4801	2.3119	0.9047	0.7770
0.6053	0.9940	0.4658	2.3814	0.9180	0.8008
0.6636	0.9953	0.4463	2.4799	0.9358	0.8356
0.7259	0.9961	0.4345	2.5421	0.9465	0.8583
0.7885	0.9971	0.4216	2.6125	0.9581	0.8847
0.8478	0.9979	0.4097	2.6794	0.9686	0.9105
0.8961	0.9983	0.4026	2.7202	0.9748	0.9266
0.9794	0.9989	0.3930	2.7764	0.9831	0.9491
1.0443	0.9992	0.3860	2.8185	0.9891	0.9663
1.1477	1.0000	0.3796	2.8588	0.9947	0.9829
1.2827	0.9999	0.3753	2.8845	0.9981	0.9937
1.4265	1.0000	0.3736	2.8955	0.9996	0.9984
1.5557	1.0000	0.3731	2.8987	1.0001	0.9997
1.6779	1.0002	0.3730	2.8995	1.0002	1.0000
1.8208	1.0002	0.3729	2.9003	1.0003	1.0004
1.9487	1.0002	0.3728	2.9008	1.0003	1.0006
2.0855	1.0000	0.3727	2.9011	1.0004	1.0007
2.2151	1.0000	0.3726	2.9019	1.0005	1.0010
2.3435	1.0002	0.3727	2.9016	1.0004	1.0009
2.6134	1.0002	0.3725	2.9024	1.0005	1.0013
2.9097	1.0002	0.3724	2.9032	1.0007	1.0016
3.3042	1.0001	0.3744	2.8908	0.9990	0.9964
4.0145	1.0001	0.3741	2.8925	0.9992	0.9971
4.7334	1.0002	0.3731	2.8990	1.0001	0.9998

DEL = 0.1339 DELU= .0240 DEL*= .0521 CM
THETA= .00961 H = 5.420 UE = 622.0 M/SEC
RHOE= 0.2697 KG/M**3 RUN = 4088

MACH = 3.00 PO = 297.9 KPA TO = 307.3 K
ALPHA= 6.34 Z/D= 4.44 PHI= 0.
RPM= 20000. PW = 8.86 KPA REL=7274104.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9247	0.9247	0.0000	0.0000	0.4031
0.2037	0.9858	0.5807	1.8679	0.8038	0.6421
0.2246	0.9864	0.5714	1.9056	0.8135	0.6524
0.2455	0.9877	0.5563	1.9692	0.8294	0.6702
0.2945	0.9896	0.5342	2.0647	0.8521	0.6981
0.3648	0.9911	0.5134	2.1567	0.8726	0.7263
0.4143	0.9917	0.5019	2.2092	0.8838	0.7429
0.4748	0.9925	0.4884	2.2718	0.8966	0.7633
0.5320	0.9935	0.4760	2.3316	0.9084	0.7833
0.5967	0.9946	0.4630	2.3957	0.9205	0.8054
0.6472	0.9954	0.4513	2.4553	0.9313	0.8264
0.7199	0.9963	0.4374	2.5273	0.9439	0.8525
0.7783	0.9972	0.4237	2.6014	0.9562	0.8801
0.8408	0.9979	0.4119	2.6673	0.9666	0.9054
0.8888	0.9983	0.4035	2.7148	0.9738	0.9241
0.9714	0.9990	0.3942	2.7701	0.9820	0.9461
1.0205	0.9992	0.3880	2.8063	0.9872	0.9609
1.1459	0.9998	0.3794	2.8591	0.9946	0.9826
1.2836	1.0002	0.3751	2.8867	0.9983	0.9942
1.4070	1.0001	0.3737	2.8951	0.9994	0.9977
1.5312	1.0003	0.3733	2.8982	0.9998	0.9991
1.6601	1.0004	0.3730	2.9001	1.0001	0.9999
1.8057	1.0002	0.3730	2.8998	1.0001	0.9997
2.0683	1.0004	0.3729	2.9006	1.0002	1.0001
2.3323	1.0004	0.3727	2.9016	1.0003	1.0005
2.6043	1.0004	0.3726	2.9022	1.0004	1.0007
2.8816	1.0004	0.3726	2.9022	1.0004	1.0007
3.2937	1.0002	0.3750	2.8872	0.9984	0.9944
3.9687	1.0001	0.3744	2.8906	0.9988	0.9958
4.7118	1.0001	0.3735	2.8961	0.9996	0.9982

DEL = 0.1552 DELL= .0258 DEL*= .0529 CM
THETA= .00917 H = 5.766 UE = 622.2 M/SEC
RHOE= 0.2698 KG/M**3 RUN = 4085

MACH = 3.00 PO = 298.2 KPA TO = 309.7 K
ALPHA= 6.34 Z/D= 4.44 PHI= 30.
RPM= 0. PW = 8.16 KPA REL=7202969.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.3896
0.0470	0.9764	0.6726	1.5029	0.6891	0.5346
0.0908	0.9797	0.6383	1.6353	0.7304	0.5634
0.1246	0.9822	0.6112	1.7423	0.7614	0.5885
0.1595	0.9843	0.5858	1.8441	0.7890	0.6139
0.1755	0.9854	0.5696	1.9102	0.8060	0.6313
0.2062	0.9867	0.5526	1.9817	0.8236	0.6507
0.2575	0.9885	0.5317	2.0727	0.8449	0.6765
0.3126	0.9897	0.5120	2.1600	0.8641	0.7024
0.3783	0.9909	0.4959	2.2340	0.8795	0.7251
0.4304	0.9917	0.4841	2.2899	0.8907	0.7429
0.4969	0.9931	0.4665	2.3759	0.9071	0.7710
0.5355	0.9937	0.4579	2.4187	0.9150	0.7854
0.6062	0.9946	0.4418	2.5014	0.9295	0.8140
0.6566	0.9954	0.4330	2.5482	0.9374	0.8306
0.7072	0.9961	0.4218	2.6090	0.9473	0.8526
0.7870	0.9971	0.4069	2.6931	0.9603	0.8840
0.8672	0.9981	0.3937	2.7706	0.9717	0.9137
0.9477	0.9986	0.3825	2.8379	0.9812	0.9403
1.0988	0.9997	0.3713	2.9089	0.9907	0.9690
1.2140	0.9996	0.3658	2.9434	0.9952	0.9832
1.3298	1.0001	0.3636	2.9588	0.9972	0.9896
1.4540	1.0000	0.3621	2.9678	0.9983	0.9934
1.5981	1.0003	0.3618	2.9706	0.9986	0.9945
1.7164	1.0003	0.3615	2.9722	0.9989	0.9952
1.8472	1.0003	0.3613	2.9733	0.9990	0.9957
1.9768	1.0001	0.3612	2.9736	0.9990	0.9958
2.1146	1.0001	0.3611	2.9744	0.9991	0.9961
2.3674	1.0001	0.3606	2.9778	0.9996	0.9975
2.7726	1.0003	0.3604	2.9794	0.9998	0.9982
3.1637	1.0002	0.3600	2.9817	1.0000	0.9992
3.5824	1.0002	0.3625	2.9658	0.9990	0.9925
4.2694	1.0003	0.3609	2.9762	0.9993	0.9968

DEL = 0.1622 DELU= .0206 DEL*= .0521 CM
THETA= .01016 H = 5.129 UE = 630.9 M/SEC
RHOE= 0.2553 KG/M**3 RUN = 4070

MACH = 3.00 PO = 298.2 KPA TO = 309.8 K
ALPHA= 6.34 Z/D= 4.44 PHI= 30.
RPM= 20000. PW = 8.17 KPA REL=7197782.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9232	0.9232	0.0000	0.0000	0.3896
0.1217	0.9819	0.6127	1.7358	0.7594	0.5869
0.1515	0.9841	0.5879	1.8354	0.7865	0.6117
0.1682	0.9850	0.5743	1.8909	0.8009	0.6261
0.1981	0.9861	0.5599	1.9511	0.8159	0.6422
0.2583	0.9887	0.5288	2.0851	0.8474	0.6800
0.3097	0.9896	0.5135	2.1531	0.8623	0.7002
0.3730	0.9906	0.4989	2.2199	0.8764	0.7207
0.4103	0.9911	0.4920	2.2520	0.8829	0.7307
0.5095	0.9930	0.4671	2.3728	0.9063	0.7699
0.5993	0.9944	0.4472	2.4737	0.9244	0.8042
0.6904	0.9956	0.4289	2.5704	0.9407	0.8385
0.7476	0.9966	0.4143	2.6507	0.9535	0.8680
0.8544	0.9977	0.3958	2.7574	0.9695	0.9085
0.9403	0.9985	0.3837	2.8306	0.9798	0.9373
1.0772	0.9993	0.3709	2.9103	0.9906	0.9695
1.1861	0.9996	0.3657	2.9442	0.9950	0.9835
1.3140	0.9998	0.3633	2.9597	0.9969	0.9899
1.4354	0.9998	0.3622	2.9669	0.9979	0.9929
1.5614	0.9999	0.3618	2.9694	0.9982	0.9940
1.6620	0.9999	0.3616	2.9706	0.9983	0.9944
1.7934	0.9999	0.3615	2.9717	0.9985	0.9949
1.9314	0.9999	0.3614	2.9722	0.9985	0.9951
2.0622	0.9999	0.3611	2.9739	0.9987	0.9958
2.3169	0.9999	0.3608	2.9764	0.9991	0.9969
2.7089	1.0000	0.3603	2.9792	0.9994	0.9980
3.0989	1.0002	0.3598	2.9831	0.9999	0.9997
3.4843	1.0000	0.3624	2.9661	0.9978	0.9926
4.1672	0.9999	0.3607	2.9767	0.9991	0.9970

DEL = 0.1661 DELU= .0241 DEL*= .0552 CM
THETA= .00999 H = 5.526 UE = 631.2 M/SEC
RHOE= 0.2554 KG/M**3 RUN = 4071

MACH = 3.00 PO = 298.5 KPA TO = 308.1 K
ALPHA= 6.34 Z/D= 4.44 PHI= 60.
RPM= 0. PW = 6.92 KPA REL=7273340.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3698
0.0406	0.9741	0.6842	1.4555	0.6636	0.4978
0.0792	0.9777	0.6455	1.6043	0.7104	0.5276
0.1030	0.9801	0.6202	1.7036	0.7394	0.5493
0.1448	0.9828	0.5885	1.8303	0.7738	0.5788
0.1868	0.9853	0.5573	1.9595	0.8062	0.6112
0.2239	0.9868	0.5386	2.0399	0.8250	0.6325
0.2865	0.9885	0.5157	2.1412	0.8474	0.6606
0.3352	0.9897	0.5020	2.2040	0.8605	0.6787
0.3907	0.9903	0.4902	2.2588	0.8716	0.6950
0.4406	0.9914	0.4754	2.3295	0.8852	0.7165
0.4970	0.9924	0.4606	2.4027	0.8987	0.7395
0.5505	0.9934	0.4463	2.4759	0.9116	0.7632
0.6231	0.9949	0.4274	2.5767	0.9283	0.7972
0.7056	0.9960	0.4106	2.6697	0.9428	0.8297
0.7758	0.9970	0.3952	2.7592	0.9559	0.8621
0.8624	0.9981	0.3807	2.8474	0.9681	0.8950
0.9269	0.9987	0.3683	2.9254	0.9784	0.9250
1.0274	0.9994	0.3577	2.9946	0.9870	0.9524
1.1383	0.9998	0.3504	3.0439	0.9930	0.9722
1.2401	1.0002	0.3476	3.0637	0.9953	0.9803
1.3360	1.0004	0.3466	3.0711	0.9962	0.9833
1.4628	1.0001	0.3456	3.0774	0.9969	0.9859
1.5682	1.0007	0.3453	3.0806	0.9973	0.9872
1.7967	1.0007	0.3445	3.0859	0.9979	0.9894
2.0263	1.0004	0.3438	3.0900	0.9984	0.9911
2.3635	1.0006	0.3431	3.0957	0.9990	0.9934
2.7134	1.0007	0.3420	3.1032	0.9999	0.9965
3.0594	1.0009	0.3412	3.1095	1.0006	0.9992
3.4154	1.0011	0.3405	3.1148	1.0012	1.0014
3.7750	1.0012	0.3398	3.1198	1.0018	1.0035

DEL = 0.1875 DELU= .0247 DEL*= .0647 CM
THETA= .01187 H = 5.453 UE = 638.3 M/SEC
RHOE= 0.2306 KG/M**3 RUN = 4063

MACH = 3.00 PO = 298.6 KPA TO = 308.2 K
ALPHA= 6.34 Z/D= 4.44 PHI= 60.
RPM= 20000. PW = 6.93 KPA REL=7262401.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3680
0.1140	0.9799	0.6216	1.6974	0.7363	0.5451
0.1281	0.9809	0.6070	1.7552	0.7524	0.5582
0.1592	0.9829	0.5814	1.8583	0.7796	0.5826
0.1875	0.9851	0.5564	1.9628	0.8055	0.6089
0.2216	0.9864	0.5384	2.0400	0.8236	0.6293
0.2702	0.9881	0.5186	2.1276	0.8429	0.6534
0.3190	0.9890	0.5046	2.1905	0.8562	0.6713
0.3684	0.9898	0.4938	2.2407	0.8664	0.6860
0.4185	0.9905	0.4804	2.3043	0.8788	0.7051
0.4658	0.9920	0.4655	2.3778	0.8926	0.7279
0.5281	0.9931	0.4489	2.4621	0.9075	0.7549
0.6026	0.9944	0.4291	2.5667	0.9250	0.7897
0.6926	0.9958	0.4085	2.6809	0.9427	0.8294
0.7649	0.9968	0.3932	2.7703	0.9557	0.8617
0.8651	0.9979	0.3758	2.8767	0.9702	0.9015
0.9567	0.9988	0.3619	2.9661	0.9817	0.9362
1.0705	0.9994	0.3524	3.0295	0.9894	0.9614
1.1665	0.9998	0.3485	3.0567	0.9927	0.9724
1.2600	0.9999	0.3467	3.0695	0.9942	0.9776
1.3796	1.0000	0.3457	3.0761	0.9949	0.9803
1.5946	0.9998	0.3448	3.0821	0.9956	0.9828
1.9142	1.0001	0.3437	3.0903	0.9966	0.9861
2.2424	1.0001	0.3428	3.0967	0.9973	0.9887
2.5525	1.0002	0.3418	3.1033	0.9981	0.9914
2.8854	1.0004	0.3409	3.1101	0.9989	0.9943
3.2343	1.0003	0.3401	3.1158	0.9995	0.9966
3.5535	1.0004	0.3393	3.1214	1.0001	0.9989
3.8824	1.0004	0.3408	3.1111	0.9990	0.9947

DEL = 0.1988 DELU= .0293 DEL*= .0701 CM
THETA= .01196 H = 5.857 UE = 639.6 M/SEC
RHOE= 0.2317 KG/M**3 RUN = 4064

MACH = 3.00 PO = 298.5 KPA TO = 305.6 K
ALPHA= 6.34 Z/D= 4.44 PHI= 120.
RPM= 0. PW = 5.59 KPA REL=7383617.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3480
0.0251	0.9574	0.8062	0.9682	0.4724	0.3964
0.0326	0.9604	0.7873	1.0487	0.5055	0.4061
0.0574	0.9675	0.7353	1.2566	0.5854	0.4349
0.0920	0.9728	0.6914	1.4264	0.6441	0.4627
0.1404	0.9775	0.6508	1.5843	0.6939	0.4920
0.1910	0.9808	0.6160	1.7205	0.7331	0.5158
0.2419	0.9835	0.5860	1.8415	0.7652	0.5465
0.3109	0.9861	0.5536	1.9766	0.7983	0.5786
0.3783	0.9887	0.5235	2.1076	0.8277	0.6119
0.4403	0.9902	0.5004	2.2121	0.8494	0.6400
0.5086	0.9924	0.4749	2.3341	0.8730	0.6746
0.5755	0.9942	0.4501	2.4582	0.8951	0.7118
0.6407	0.9957	0.4276	2.5777	0.9147	0.7494
0.7147	0.9974	0.4049	2.7053	0.9341	0.7915
0.7861	0.9984	0.3871	2.8099	0.9488	0.8277
0.8471	0.9996	0.3720	2.9044	0.9613	0.8614
0.9208	1.0006	0.3564	3.0061	0.9739	0.8991
0.9948	1.0018	0.3434	3.0964	0.9844	0.9336
1.0646	1.0018	0.3343	3.1595	0.9914	0.9584
1.1283	1.0020	0.3311	3.1830	0.9940	0.9677
1.1921	1.0024	0.3295	3.1952	0.9953	0.9726
1.2667	1.0026	0.3274	3.2110	0.9969	0.9789
1.3433	1.0026	0.3263	3.2191	0.9978	0.9822
1.4759	1.0025	0.3255	3.2248	0.9984	0.9845
1.6201	1.0027	0.3250	3.2290	0.9989	0.9862
1.9955	1.0030	0.3231	3.2439	1.0004	0.9922

DEL = 0.3037 DELL= .0507 DEL*= .1268 CM
THETA= .02092 H = 6.061 UE = 644.8 M/SEC
RHOE= 0.2006 KG/M**3 RUN = 4109

MACH = 3.00 PO = 298.5 KPA TO = 306.3 K
ALPHA= 6.34 Z/D= 4.44 PHI= 120.
RPM= 20000. PW = 5.59 KPA REL=7340302.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9185	0.9185	0.0000	0.0000	0.3496
0.0490	0.9649	0.7527	1.1871	0.5597	0.4267
0.0756	0.9703	0.7104	1.3525	0.6194	0.4522
0.1099	0.9746	0.6654	1.5242	0.6756	0.4827
0.1535	0.9786	0.6248	1.6828	0.7227	0.5142
0.2077	0.9814	0.5920	1.8135	0.7581	0.5426
0.2483	0.9833	0.5691	1.9077	0.7819	0.5645
0.3086	0.9852	0.5457	2.0068	0.8054	0.5887
0.3536	0.9868	0.5271	2.0884	0.8237	0.6096
0.4086	0.9882	0.5056	2.1845	0.8440	0.6353
0.4462	0.9896	0.4903	2.2564	0.8584	0.6553
0.4938	0.9911	0.4711	2.3493	0.8760	0.6822
0.5657	0.9928	0.4467	2.4725	0.8977	0.7195
0.6361	0.9945	0.4226	2.6013	0.9186	0.7605
0.7072	0.9959	0.4018	2.7190	0.9363	0.7999
0.7755	0.9971	0.3851	2.8191	0.9502	0.8347
0.8356	0.9981	0.3708	2.9084	0.9620	0.8669
0.9146	0.9992	0.3556	3.0083	0.9743	0.9041
0.9709	0.9998	0.3455	3.0773	0.9824	0.9305
1.0502	1.0005	0.3378	3.1323	0.9886	0.9520
1.1151	1.0008	0.3328	3.1680	0.9925	0.9662
1.1865	1.0012	0.3301	3.1885	0.9947	0.9744
1.2538	1.0012	0.3287	3.1982	0.9958	0.9783
1.3252	1.0013	0.3275	3.2043	0.9964	0.9807
1.4602	1.0015	0.3270	3.2118	0.9972	0.9838
1.5919	1.0014	0.3261	3.2181	0.9979	0.9864
1.9510	1.0017	0.3240	3.2342	0.9996	0.9929

DEL = 0.3079 DELL= .0506 DEL*= .1249 CM
THETA= .02056 H = 6.076 UE = 645.6 M/SEC
RHOE= 0.1987 KG/M**3 RUN = 4110

MACH = 3.00 PO = 298.4 KPA TO = 304.9 K
ALPHA= 6.34 Z/D= 4.44 PHI= 150.
RPM= 0. PW = 6.36 KPA REL=7387073.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3638
0.0158	0.9549	0.8362	0.8423	0.4228	0.4004
0.0417	0.9618	0.7863	1.0564	0.5142	0.4258
0.0808	0.9681	0.7399	1.2419	0.5863	0.4526
0.1273	0.9714	0.7116	1.3510	0.6255	0.4707
0.1642	0.9740	0.6843	1.4549	0.6606	0.4854
0.2039	0.9762	0.6606	1.5455	0.6895	0.5069
0.2464	0.9785	0.6381	1.6331	0.7160	0.5249
0.2892	0.9804	0.6170	1.7161	0.7398	0.5429
0.3271	0.9825	0.5966	1.7981	0.7621	0.5616
0.3782	0.9841	0.5718	1.8986	0.7880	0.5857
0.4167	0.9860	0.5511	1.9862	0.8092	0.6079
0.4607	0.9877	0.5289	2.0825	0.8311	0.6334
0.5004	0.9892	0.5113	2.1616	0.8482	0.6553
0.5454	0.9906	0.4913	2.2544	0.8671	0.6820
0.5931	0.9918	0.4718	2.3474	0.8849	0.7100
0.6357	0.9933	0.4537	2.4387	0.9014	0.7386
0.6810	0.9943	0.4382	2.5191	0.9150	0.7647
0.7318	0.9953	0.4241	2.5952	0.9274	0.7901
0.7680	0.9963	0.4092	2.6786	0.9402	0.8189
0.8150	0.9970	0.3973	2.7472	0.9502	0.8433
0.8579	0.9978	0.3864	2.8129	0.9594	0.8673
0.8982	0.9986	0.3762	2.8763	0.9680	0.8909
0.9495	0.9992	0.3666	2.9376	0.9759	0.9143
0.9955	1.0002	0.3563	3.0057	0.9843	0.9408
1.0444	1.0005	0.3478	3.0634	0.9912	0.9638
1.0963	1.0011	0.3417	3.1060	0.9961	0.9810
1.1346	1.0013	0.3386	3.1280	0.9986	0.9900
1.1814	1.0012	0.3373	3.1372	0.9996	0.9938
1.2223	1.0012	0.3367	3.1417	1.0001	0.9956
1.3635	1.0015	0.3362	3.1455	1.0005	0.9972
1.5018	1.0016	0.3364	3.1446	1.0004	0.9969
1.7241	1.0016	0.3359	3.1476	1.0008	0.9981

DEL = 0.4823 DELU= .0915 DEL*= .2117 CM
THETA= .03639 H = 5.818 UE = 637.6 M/SEC
RHOE= 0.2182 KG/M**3 RUN = 4101

MACH = 3.00 PO = 298.0 KPA TO = 305.6 K
ALPHA= 6.34 Z/D= 4.44 PHI= 150.
RPM= 20000. PW = 6.35 KPA REL=7345953.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9202	0.9202	0.0000	0.0000	0.3645
0.0542	0.9638	0.7745	1.1054	0.5339	0.4331
0.0848	0.9698	0.7232	1.3057	0.6094	0.4639
0.1336	0.9732	0.6879	1.4401	0.6556	0.4876
0.1724	0.9761	0.6604	1.5462	0.6896	0.5080
0.2115	0.9784	0.6351	1.6441	0.7191	0.5282
0.2639	0.9806	0.6095	1.7450	0.7476	0.5504
0.3009	0.9824	0.5891	1.8270	0.7696	0.5694
0.3474	0.9844	0.5664	1.9209	0.7933	0.5924
0.3916	0.9860	0.5452	2.0105	0.8147	0.6153
0.4375	0.9878	0.5242	2.1031	0.8355	0.6402
0.4837	0.9894	0.5028	2.2000	0.8560	0.6675
0.5253	0.9907	0.4843	2.2865	0.8732	0.6929
0.5725	0.9920	0.4673	2.3695	0.8888	0.7182
0.6213	0.9931	0.4486	2.4635	0.9054	0.7479
0.6618	0.9943	0.4340	2.5406	0.9184	0.7732
0.7150	0.9953	0.4177	2.6297	0.9326	0.8034
0.7571	0.9961	0.4060	2.6958	0.9426	0.8266
0.8049	0.9969	0.3934	2.7694	0.9532	0.8530
0.8513	0.9976	0.3824	2.8364	0.9624	0.8776
0.9006	0.9983	0.3714	2.9055	0.9715	0.9036
0.9430	0.9989	0.3631	2.9586	0.9783	0.9241
0.9968	0.9993	0.3554	3.0099	0.9846	0.9442
1.0451	0.9998	0.3474	3.0647	0.9911	0.9661
1.0908	1.0002	0.3427	3.0974	0.9949	0.9793
1.1394	1.0005	0.3395	3.1198	0.9974	0.9885
1.1853	1.0006	0.3382	3.1291	0.9985	0.9923
1.2403	1.0008	0.3376	3.1339	0.9990	0.9943
1.2846	1.0008	0.3372	3.1368	0.9993	0.9955
1.3318	1.0006	0.3371	3.1373	0.9994	0.9957
1.4314	1.0009	0.3366	3.1416	0.9999	0.9975
1.5216	1.0007	0.3366	3.1406	0.9998	0.9971
1.6767	1.0009	0.3364	3.1429	1.0000	0.9980
1.8129	1.0007	0.3361	3.1446	1.0002	0.9987

DEL = 0.4594 DELU= .0844 DEL*= .1932 CM
THETA= .03277 H = 5.895 UE = 638.5 M/SEC
RHOE= 0.2167 KG/M**3 RUN = 4102

MACH = 3.00 PO = 298.6 KPA TO = 303.6 K
ALPHA= 6.34 Z/D= 4.44 PHI= 170.
RPM= 0. PW = 6.65 KPA REL=746748C.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9205	0.9205	0.0000	0.0000	0.3670
0.0336	0.9652	0.7674	1.1352	0.5481	0.4404
0.0596	0.9694	0.7315	1.2753	0.6012	0.4621
0.0904	0.9728	0.7017	1.3899	0.6416	0.4818
0.1216	0.9751	0.6788	1.4773	0.6708	0.4980
0.1536	0.9774	0.6562	1.5645	0.6984	0.5153
0.1897	0.9793	0.6353	1.6453	0.7227	0.5322
0.2212	0.9808	0.6182	1.7126	0.7420	0.5469
0.2518	0.9822	0.6012	1.7800	0.7606	0.5624
0.2847	0.9839	0.5853	1.8455	0.7779	0.5779
0.3189	0.9851	0.5681	1.9159	0.7957	0.5953
0.3522	0.9866	0.5518	1.9850	0.8124	0.6130
0.3807	0.9877	0.5404	2.0341	0.8238	0.6260
0.4227	0.9890	0.5230	2.1107	0.8409	0.6468
0.4547	0.9903	0.5102	2.1690	0.8534	0.6623
0.4894	0.9912	0.4976	2.2271	0.8653	0.6801
0.5254	0.9923	0.4854	2.2850	0.8768	0.6973
0.5614	0.9932	0.4730	2.3451	0.8883	0.7156
0.5964	0.9939	0.4627	2.3958	0.8976	0.7315
0.6294	0.9948	0.4529	2.4457	0.9065	0.7475
0.6625	0.9953	0.4425	2.4995	0.9157	0.7650
0.7005	0.9962	0.4322	2.5544	0.9248	0.7833
0.7384	0.9970	0.4222	2.6091	0.9336	0.8020
0.7748	0.9978	0.4132	2.6595	0.9413	0.8195
0.8092	0.9984	0.4047	2.7083	0.9486	0.8369
0.8458	0.9990	0.3950	2.7649	0.9568	0.8573
0.8825	0.9997	0.3866	2.8158	0.9640	0.8761
0.9161	1.0004	0.3793	2.8614	0.9701	0.8932
0.9553	1.0011	0.3708	2.9153	0.9772	0.9138
0.9924	1.0014	0.3627	2.9670	0.9838	0.9340
1.0263	1.0020	0.3562	3.0106	0.9891	0.9512
1.0634	1.0024	0.3502	3.0514	0.9940	0.9676
1.1015	1.0030	0.3454	3.0855	0.9980	0.9814
1.1395	1.0032	0.3426	3.1048	1.0002	0.9893
1.2106	1.0035	0.3404	3.1207	1.0020	0.9959
1.2877	1.0035	0.3403	3.1214	1.0021	0.9962
1.4641	1.0041	0.3408	3.1198	1.0019	0.9955

DEL = 0.6042 DELU= .1031 DEL*= .2500 CM
THETA= .04361 H = 5.732 UE = 633.6 M/SEC
RHOE= 0.2266 KG/M**3 RUN = 4092

MACH = 3.00 PO = 298.6 KPA TO = 304.3 K
ALPHA= 6.34 Z/D= 4.44 PHI= 170.
RPM= 20000. PW = 6.65 KPA REL=7415799.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9206	0.9206	0.0000	0.0000	0.3677
0.0569	0.9681	0.7393	1.2439	0.5887	0.4579
0.0925	0.9714	0.7067	1.3685	0.6334	0.4789
0.1229	0.9739	0.6822	1.4622	0.6649	0.4961
0.1500	0.9759	0.6640	1.5322	0.6873	0.5098
0.1833	0.9779	0.6436	1.6117	0.7117	0.5261
0.2227	0.9800	0.6223	1.6951	0.7360	0.5441
0.2534	0.9814	0.6055	1.7620	0.7546	0.5593
0.2874	0.9829	0.5878	1.8332	0.7735	0.5761
0.3176	0.9842	0.5716	1.8998	0.7905	0.5924
0.3530	0.9854	0.5547	1.9704	0.8077	0.6104
0.3937	0.9867	0.5379	2.0425	0.8245	0.6294
0.4236	0.9882	0.5229	2.1094	0.8394	0.6477
0.4557	0.9892	0.5097	2.1688	0.8521	0.6645
0.4916	0.9902	0.4961	2.2315	0.8650	0.6827
0.5213	0.9910	0.4850	2.2837	0.8753	0.6983
0.5637	0.9922	0.4707	2.3535	0.8885	0.7197
0.5978	0.9927	0.4602	2.4051	0.8979	0.7359
0.6351	0.9935	0.4480	2.4674	0.9089	0.7560
0.6672	0.9944	0.4384	2.5179	0.9174	0.7726
0.7036	0.9949	0.4283	2.5721	0.9263	0.7905
0.7401	0.9957	0.4187	2.6248	0.9346	0.8090
0.7766	0.9965	0.4092	2.6789	0.9429	0.8280
0.8067	0.9970	0.4019	2.7207	0.9491	0.8430
0.8477	0.9976	0.3917	2.7811	0.9577	0.8650
0.8856	0.9982	0.3833	2.8322	0.9648	0.8840
0.9204	0.9988	0.3758	2.8790	0.9710	0.9017
0.9575	0.9992	0.3678	2.9297	0.9776	0.9212
0.9925	0.9998	0.3603	2.9792	0.9838	0.9406
1.0276	1.0004	0.3540	3.0218	0.9890	0.9575
1.0681	1.0006	0.3478	3.0635	0.9940	0.9744
1.1029	1.0010	0.3437	3.0922	0.9973	0.9861
1.1421	1.0012	0.3411	3.1103	0.9994	0.9935
1.1789	1.0015	0.3398	3.1204	1.0005	0.9977
1.2144	1.0013	0.3393	3.1236	1.0009	0.9991
1.2895	1.0013	0.3393	3.1233	1.0008	0.9989
1.4696	1.0015	0.3391	3.1249	1.0010	0.9996

DEL = 0.6029 DELU= .1069 DEL*= .2500 CM
THETA= .04322 H = 5.785 UE = 635.2 M/SEC
RHOE= 0.2252 KG/M**3 RUN = 4093

MACH = 3.00 PO = 298.0 KPA TO = 305.8 K
ALPHA= 6.34 Z/D= 4.44 PHI= 180.
RPM= 0. PW = 6.69 KPA REL=7367171.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3693
0.0335	0.9652	0.7663	1.1392	0.5502	0.4437
0.0497	0.9681	0.7426	1.2323	0.5859	0.4580
0.0677	0.9710	0.7163	1.3336	0.6227	0.4748
0.0960	0.9736	0.6911	1.4297	0.6558	0.4921
0.1273	0.9764	0.6642	1.5330	0.6893	0.5121
0.1590	0.9787	0.6413	1.6221	0.7165	0.5305
0.1930	0.9803	0.6213	1.6996	0.7391	0.5475
0.2248	0.9819	0.6026	1.7739	0.7597	0.5645
0.2569	0.9836	0.5837	1.8510	0.7801	0.5829
0.2902	0.9852	0.5669	1.9208	0.7977	0.6003
0.3217	0.9864	0.5515	1.9855	0.8133	0.6170
0.3575	0.9875	0.5343	2.0594	0.8304	0.6367
0.3885	0.9887	0.5211	2.1183	0.8434	0.6530
0.4227	0.9899	0.5073	2.1811	0.8568	0.6709
0.4562	0.9908	0.4944	2.2405	0.8689	0.6883
0.4899	0.9917	0.4822	2.2987	0.8803	0.7059
0.5196	0.9926	0.4717	2.3497	0.8900	0.7216
0.5585	0.9933	0.4597	2.4093	0.9009	0.7404
0.5932	0.9942	0.4497	2.4606	0.9099	0.7570
0.6301	0.9947	0.4390	2.5156	0.9193	0.7752
0.6629	0.9955	0.4302	2.5631	0.9271	0.7912
0.7000	0.9963	0.4213	2.6121	0.9350	0.8081
0.7350	0.9968	0.4131	2.6580	0.9421	0.8242
0.7691	0.9977	0.4051	2.7047	0.9491	0.8408
0.8042	0.9982	0.3977	2.7473	0.9553	0.8563
0.8383	0.9986	0.3905	2.7907	0.9614	0.8723
0.8779	0.9993	0.3832	2.8354	0.9676	0.8890
0.9068	0.9996	0.3777	2.8690	0.9721	0.9018
0.9477	1.0001	0.3708	2.9129	0.9779	0.9187
0.9823	1.0006	0.3649	2.9511	0.9827	0.9336
1.0212	1.0010	0.3591	2.9897	0.9875	0.9488
1.0528	1.0012	0.3547	3.0189	0.9911	0.9606
1.0898	1.0017	0.3503	3.0491	0.9947	0.9727
1.1301	1.0019	0.3467	3.0740	0.9977	0.9829
1.1669	1.0020	0.3447	3.0880	0.9993	0.9887
1.2036	1.0021	0.3436	3.0955	1.0001	0.9918
1.2390	1.0023	0.3429	3.1007	1.0007	0.9939

DEL = 0.6070 DELU= .0970 DEL*= .2370 CM
THETA= .04194 H = 5.652 UE = 635.2 M/SEC
RHOE= 0.2253 KG/M**3 RUN = 4083

MACH = 3.00 PO = 298.0 KPA TO = 306.3 K
ALPHA= 6.34 Z/D= 4.44 PHI= 180.
RPM= 20000. PW = 6.69 KPA REL=7324248.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3695
0.0576	0.9695	0.7263	1.2939	0.6075	0.4684
0.0667	0.9709	0.7134	1.3432	0.6251	0.4768
0.0985	0.9738	0.6846	1.4534	0.6625	0.4969
0.1270	0.9763	0.6604	1.5466	0.6924	0.5152
0.1586	0.9783	0.6384	1.6317	0.7182	0.5330
0.1925	0.9803	0.6180	1.7119	0.7413	0.5506
0.2223	0.9817	0.5992	1.7864	0.7618	0.5678
0.2563	0.9834	0.5789	1.8691	0.7834	0.5877
0.2875	0.9847	0.5622	1.9384	0.8007	0.6052
0.3209	0.9860	0.5455	2.0093	0.8175	0.6237
0.3536	0.9874	0.5291	2.0810	0.8338	0.6431
0.3875	0.9886	0.5135	2.1509	0.8490	0.6627
0.4217	0.9894	0.5006	2.2097	0.8612	0.6797
0.4510	0.9904	0.4886	2.2659	0.8725	0.6964
0.4897	0.9915	0.4756	2.3288	0.8846	0.7156
0.5236	0.9921	0.4651	2.3801	0.8941	0.7317
0.5571	0.9926	0.4545	2.4329	0.9036	0.7485
0.5928	0.9934	0.4453	2.4808	0.9119	0.7642
0.6243	0.9943	0.4361	2.5297	0.9201	0.7805
0.6623	0.9950	0.4272	2.5781	0.9280	0.7969
0.6961	0.9952	0.4188	2.6231	0.9351	0.8125
0.7311	0.9959	0.4107	2.6692	0.9422	0.8287
0.7672	0.9965	0.4027	2.7151	0.9490	0.8452
0.8012	0.9969	0.3958	2.7556	0.9549	0.8599
0.8395	0.9974	0.3880	2.8025	0.9615	0.8773
0.8736	0.9976	0.3814	2.8420	0.9669	0.8921
0.9089	0.9982	0.3754	2.8801	0.9719	0.9066
0.9443	0.9984	0.3689	2.9211	0.9773	0.9225
0.9777	0.9990	0.3632	2.9584	0.9820	0.9371
1.0166	0.9996	0.3570	2.9999	0.9871	0.9536
1.0545	0.9997	0.3516	3.0356	0.9915	0.9679
1.0839	1.0001	0.3478	3.0620	0.9946	0.9787
1.1273	1.0003	0.3443	3.0864	0.9974	0.9887
1.1618	1.0004	0.3425	3.0994	0.9989	0.9940
1.2006	1.0007	0.3416	3.1059	0.9997	0.9967
1.2359	1.0009	0.3411	3.1098	1.0001	0.9983
1.2734	1.0007	0.3407	3.1121	1.0004	0.9993

DEL = 0.6085 DELU= .0979 DEL*= .2344 CM
THETA= .04134 H = 5.671 UE = 636.7 M/SEC
RHOE= 0.2243 KG/M**3 RUN = 4084

MACH = 3.00 PO = 298.1 KPA TO = 309.8 K
ALPHA= 6.34 Z/D= 4.44 PHI= 190.
RPM= 0. PW = 6.64 KPA REL=7256999.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3684
0.0128	0.9596	0.8030	0.9877	0.4880	0.4224
0.0194	0.9620	0.7881	1.0504	0.5140	0.4305
0.0534	0.9688	0.7380	1.2504	0.5921	0.4598
0.0856	0.9717	0.7086	1.3625	0.6322	0.4788
0.1157	0.9742	0.6858	1.4501	0.6619	0.4948
0.1492	0.9764	0.6628	1.5383	0.6903	0.5120
0.1840	0.9783	0.6445	1.6091	0.7120	0.5266
0.2181	0.9798	0.6256	1.6825	0.7335	0.5424
0.2514	0.9816	0.6066	1.7581	0.7547	0.5595
0.2829	0.9828	0.5926	1.8143	0.7698	0.5727
0.3187	0.9844	0.5752	1.8860	0.7883	0.5901
0.3527	0.9858	0.5597	1.9511	0.8043	0.6066
0.3890	0.9869	0.5437	2.0188	0.8203	0.6242
0.4224	0.9880	0.5292	2.0822	0.8347	0.6415
0.4572	0.9890	0.5159	2.1411	0.8475	0.6579
0.4915	0.9900	0.5026	2.2021	0.8603	0.6754
0.5281	0.9912	0.4887	2.2676	0.8734	0.6948
0.5648	0.9920	0.4774	2.3215	0.8839	0.7112
0.5983	0.9929	0.4661	2.3773	0.8943	0.7286
0.6384	0.9938	0.4537	2.4399	0.9055	0.7485
0.6710	0.9945	0.4438	2.4908	0.9143	0.7651
0.7113	0.9953	0.4323	2.5518	0.9244	0.7855
0.7451	0.9959	0.4227	2.6040	0.9328	0.8034
0.7822	0.9965	0.4130	2.6578	0.9411	0.8222
0.8183	0.9971	0.4043	2.7078	0.9486	0.8400
0.8523	0.9980	0.3957	2.7588	0.9560	0.858[illegible]
0.8897	0.9986	0.3865	2.8139	0.9637	0.8789
0.9283	0.9992	0.3766	2.8751	0.9720	0.9020
0.9638	0.9999	0.3689	2.9245	0.9784	0.9210
1.0027	1.0006	0.3604	2.9806	0.9855	0.9430
1.0328	1.0010	0.3541	3.0221	0.9905	0.9596
1.0740	1.0014	0.3479	3.0646	0.9956	0.9768
1.1116	1.0018	0.3442	3.0905	0.9986	0.9873
1.1480	1.0019	0.3420	3.1060	1.0004	0.9938
1.2226	1.0018	0.3406	3.1159	1.0015	0.9978
1.2978	1.0022	0.3404	3.1181	1.0018	0.9987
1.3764	1.0022	0.3404	3.1182	1.0018	0.9988
1.4841	1.0024	0.3403	3.1191	1.0019	0.9992
1.6695	1.0027	0.3407	3.1171	1.0017	0.9984

DEL = 0.5934 DELL= .1014 DEL*= .2473 CM
THETA= .04413 H = 5.605 UE = 638.8 M/SEC
RHOE= 0.2224 KG/M**3 RUN = 4072

MACH = 3.00 PO = 298.3 KPA TO = 309.1 K
ALPHA= 6.34 Z/D= 4.44 PHI= 190.
RPM= 20000. PW = 6.64 KPA REL=7233356.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3683
0.0319	0.9655	0.7638	1.1492	0.5529	0.4441
0.0523	0.9695	0.7291	1.2840	0.6036	0.4652
0.0851	0.9726	0.6991	1.3987	0.6438	0.4852
0.1125	0.9747	0.6779	1.4798	0.6707	0.5004
0.1454	0.9769	0.6556	1.5654	0.6978	0.5174
0.1776	0.9785	0.6380	1.6336	0.7183	0.5317
0.2139	0.9802	0.6198	1.7051	0.7390	0.547[illegible]
0.2456	0.9815	0.6026	1.7733	0.7578	0.5629
0.2775	0.9828	0.5874	1.8344	0.7740	0.5774
0.3116	0.9841	0.5719	1.8983	0.7903	0.5931
0.3419	0.9852	0.5573	1.9596	0.8053	0.6087
0.3805	0.9864	0.5416	2.0265	0.8210	0.6263
0.4122	0.9874	0.5287	2.0829	0.8337	0.6416
0.4484	0.9886	0.5155	2.1423	0.8467	0.6582
0.4832	0.9894	0.5016	2.2052	0.8598	0.6762
0.5180	0.9903	0.4893	2.2626	0.8713	0.6932
0.5540	0.9913	0.4776	2.3190	0.8822	0.7103
0.5969	0.9920	0.4677	2.3673	0.8912	0.7253
0.6219	0.9930	0.4561	2.4260	0.9018	0.7439
0.6592	0.9935	0.4457	2.4791	0.9111	0.7612
0.6966	0.9943	0.4344	2.5388	0.9211	0.7810
0.7276	0.9948	0.4263	2.5821	0.9281	0.7957
0.7672	0.9958	0.4148	2.6464	0.9381	0.8180
0.8026	0.9964	0.4058	2.6974	0.9458	0.8361
0.8327	0.9971	0.3977	2.7453	0.9528	0.8534
0.8737	0.9975	0.3876	2.8050	0.9612	0.8754
0.9105	0.9981	0.3793	2.8560	0.9682	0.8946
0.9453	0.9986	0.3710	2.9082	0.9750	0.9145
0.9802	0.9993	0.3631	2.9601	0.9816	0.9347
1.0141	0.9997	0.3562	3.0058	0.9873	0. 529
1.0545	1.0003	0.3495	3.0516	0.9928	0.9713
1.0903	1.0004	0.3450	3.0817	0.9963	0.9836
1.1260	1.0008	0.3423	3.1014	0.9985	0.9916
1.1637	1.0007	0.3407	3.1125	0.9998	0.9962
1.1981	1.0007	0.3400	3.1173	1.0004	0.9982
1.2718	1.0007	0.3397	3.1189	1.0005	0.9989
1.3479	1.0009	0.3396	3.1205	1.0007	0.9996
1.4524	1.0009	0.3394	3.1218	1.0009	1.0001
1.6287	1.0011	0.3397	3.1203	1.0007	0.9995

DEL = 0.6050 DELU= .1032 DEL*= .2494 CM
THETA= .04435 H = 5.624 UE = 640.1 M/SEC
RHOE= 0.2220 KG/M**3 RUN = 4073

MACH = 3.00 PO = 298.4 KPA TO = 308.1 K
ALPHA= 6.24 Z/D= 4.44 PHI= 210.
RPM= 0. PW = 6.36 KPA REL=7290562.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9200	0.9200	0.0000	0.0000	0.3627
0.0173	0.9597	0.8012	0.9945	0.4889	0.4166
0.0438	0.9652	0.7645	1.1457	0.5501	0.4367
0.0792	0.9689	0.7320	1.2723	0.5977	0.4561
0.1167	0.9721	0.7028	1.3842	0.6372	0.4750
0.1635	0.9748	0.6757	1.4876	0.6715	0.4940
0.2007	0.9770	0.6520	1.5786	0.7000	0.5120
0.2516	0.9795	0.6261	1.6800	0.7299	0.5333
0.2961	0.9815	0.6052	1.7632	0.7531	0.5518
0.3355	0.9833	0.5860	1.8411	0.7737	0.5700
0.3861	0.9854	0.5606	1.9464	0.8000	0.5958
0.4274	0.9869	0.5407	2.0316	0.8200	0.6178
0.4801	0.9888	0.5181	2.1316	0.8422	0.6448
0.5276	0.9903	0.4980	2.2232	0.8612	0.6708
0.5755	0.9915	0.4783	2.3161	0.8794	0.6983
0.6180	0.9931	0.4595	2.4097	0.8966	0.7271
0.6657	0.9944	0.4429	2.4949	0.9114	0.7543
0.7165	0.9955	0.4260	2.5853	0.9262	0.7843
0.7659	0.9966	0.4099	2.6754	0.9401	0.8152
0.8169	0.9977	0.3963	2.7545	0.9517	0.8432
0.8622	0.9984	0.3845	2.8254	0.9615	0.8691
0.9134	0.9993	0.3733	2.8955	0.9709	0.8953
0.9539	0.9999	0.3645	2.9523	0.9781	0.9170
1.0088	1.0005	0.3544	3.0189	0.9863	0.9430
1.0543	1.0011	0.3482	3.0618	0.9914	0.9601
1.1000	1.0014	0.3431	3.0976	0.9955	0.9745
1.1532	1.0018	0.3394	3.1238	0.9985	0.9852
1.2021	1.0021	0.3378	3.1354	0.9998	0.9859
1.2527	1.0019	0.3368	3.1424	1.0006	0.9928
1.3019	1.0023	0.3366	3.1448	1.0009	0.9938
1.3528	1.0023	0.3365	3.1455	1.0009	0.9941
1.4025	1.0025	0.3365	3.1455	1.0009	0.9941
1.4518	1.0025	0.3364	3.1462	1.0010	0.9944
1.5561	1.0029	0.3365	3.1469	1.0011	0.9946
1.6597	1.0029	0.3363	3.1478	1.0012	0.9950
1.7595	1.0031	0.3362	3.1492	1.0013	0.9956
2.0025	1.0032	0.3361	3.1503	1.0014	0.9961

DEL = 0.4405 DELU= .0804 DEL*= .1911 CM
THETA= .03288 H = 5.812 UE = 640.6 M/SEC
RHOE= 0.2164 KG/M**3 RUN = 4066

MACH = 3.00 PO = 298.4 KPA TO = 308.7 K
ALPHA= 6.34 Z/D= 4.44 PHI= 210.
RPM= 20000. PW = 6.36 KPA REL=7254099.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9200	0.9200	0.0000	0.0000	0.3620
0.0443	0.9632	0.7737	1.1066	0.5335	0.4305
0.0727	0.9668	0.7479	1.2098	0.5734	0.4454
0.1085	0.9696	0.7234	1.3044	0.6081	0.4605
0.1496	0.9722	0.7003	1.3934	0.6390	0.4758
0.1866	0.9743	0.6786	1.4760	0.6664	0.4905
0.2339	0.9765	0.6561	1.5624	0.6936	0.5078
0.2728	0.9782	0.6360	1.6403	0.7169	0.5238
0.3208	0.9804	0.6121	1.7347	0.7438	0.5443
0.3590	0.9821	0.5921	1.8150	0.7654	0.5627
0.4025	0.9840	0.5721	1.8973	0.7864	0.5825
0.4412	0.9856	0.5510	1.9860	0.8078	0.6048
0.4892	0.9874	0.5275	2.0880	0.8310	0.6317
0.5337	0.9889	0.5078	2.1763	0.8499	0.6562
0.5799	0.9905	0.4862	2.2771	0.8701	0.6853
0.6203	0.9917	0.4689	2.3610	0.8859	0.7106
0.6675	0.9931	0.4494	2.4592	0.9034	0.7414
0.7080	0.9942	0.4334	2.5434	0.9175	0.7688
0.7473	0.9953	0.4185	2.6250	0.9305	0.7963
0.8016	0.9964	0.4022	2.7179	0.9444	0.8287
0.8424	0.9974	0.3903	2.7884	0.9545	0.8540
0.8901	0.9984	0.3776	2.8669	0.9651	0.8825
0.9393	0.9990	0.3653	2.9453	0.9752	0.9126
0.9789	0.9995	0.3574	2.9971	0.9817	0.9327
1.0282	1.0000	0.3478	3.0618	0.9894	0.9583
1.0707	1.0004	0.3422	3.1012	0.9939	0.9742
1.1148	1.0006	0.3387	3.1262	0.9967	0.9843
1.1632	1.0009	0.3366	3.1414	0.9984	0.9906
1.2104	1.0010	0.3357	3.1475	0.9991	0.9931
1.2577	1.0012	0.3354	3.1502	0.9994	0.9942
1.3483	1.0014	0.3351	3.1529	0.9997	0.9953
1.4411	1.0014	0.3347	3.1556	1.0000	0.9964
1.5430	1.0014	0.3348	3.1550	0.9999	0.9961
1.6316	1.0012	0.3344	3.1573	1.0002	0.9971
1.8621	1.0012	0.3342	3.1590	1.0004	0.9978

DEL = 0.4738 DELU= .0952 DEL*= .2144 CM
THETA= .03590 H = 5.974 UE = 642.5 M/SEC
RHOE= 0.2160 KG/M**3 RUN = 4067

MACH = 3.00 PO = 298.7 KPA TO = 305.6 K
ALPHA= 6.34 Z/D= 4.44 PHI= 240.
RPM= 0. PW = 5.59 KPA REL=7389573.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9176	0.9176	0.0000	0.0000	0.3416
0.0250	0.9647	0.7485	1.2018	0.5625	0.4189
0.0565	0.9708	0.6983	1.3967	0.6314	0.4490
0.0957	0.9754	0.6556	1.5619	0.6840	0.4785
0.1395	0.9782	0.6250	1.6810	0.7188	0.5019
0.1598	0.9800	0.6071	1.7526	0.7385	0.5168
0.2272	0.9831	0.5695	1.9058	0.7778	0.5509
0.2796	0.9854	0.5441	2.0135	0.8033	0.5767
0.3558	0.9876	0.5147	2.1435	0.8316	0.6097
0.4049	0.9895	0.4920	2.2486	0.8529	0.6379
0.4841	0.9919	0.4616	2.3967	0.8804	0.6800
0.5540	0.9935	0.4384	2.5162	0.9008	0.7160
0.6143	0.9950	0.4170	2.6326	0.9192	0.7528
0.6830	0.9965	0.3976	2.7443	0.9356	0.7896
0.7461	0.9975	0.3813	2.8427	0.9490	0.8234
0.8222	0.9985	0.3663	2.9376	0.9612	0.8571
0.8871	0.9995	0.3534	3.0234	0.9717	0.8885
0.9669	1.0004	0.3417	3.1046	0.9810	0.9191
1.0258	1.0010	0.3326	3.1696	0.9882	0.9442
1.0996	1.0013	0.3278	3.2051	0.9919	0.9581
1.1672	1.0018	0.3252	3.2251	0.9940	0.9660
1.2413	1.0017	0.3240	3.2340	0.9950	0.9696
1.3135	1.0017	0.3235	3.2379	0.9954	0.9711
1.3858	1.0018	0.3230	3.2416	0.9957	0.9726
1.4432	1.0020	0.3227	3.2444	0.9960	0.9737
1.5157	1.0022	0.3223	3.2478	0.9964	0.9751
1.5948	1.0022	0.3219	3.2508	0.9967	0.9763
1.7345	1.0026	0.3213	3.2560	0.9972	0.9783
2.1007	1.0027	0.3197	3.2685	0.9985	0.9834
2.4370	1.0030	0.3181	3.2809	0.9997	0.9884
2.8288	1.0030	0.3168	3.2909	1.0007	0.9925
3.1884	1.0035	0.3156	3.3013	1.0018	0.9966
3.5394	1.0035	0.3147	3.3083	1.0025	0.9995

DEL = 0.3044 DELU= .0455 DEL*= .1209 CM
THETA= .01984 H = 6.093 UE = 647.6 M/SEC
RHOE= 0.2048 KG/M**3 RUN = 4059

MACH = 3.00 PO = 298.5 KPA TO = 306.6 K
ALPHA= 6.34 Z/D= 4.44 PHI= 240.
RPM= 20000. PW = 5.59 KPA REL=7341627.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9174	0.9174	0.0000	0.0000	0.3394
0.0634	0.9685	0.7144	1.3336	0.6084	0.4359
0.0929	0.9714	0.6864	1.4409	0.6444	0.4537
0.1263	0.9746	0.6558	1.5588	0.6814	0.4749
0.1507	0.9764	0.6380	1.6285	0.7020	0.4882
0.1906	0.9788	0.6121	1.7307	0.7307	0.5089
0.2193	0.9803	0.5938	1.8043	0.7503	0.5246
0.2827	0.9830	0.5612	1.9386	0.7838	0.5551
0.3484	0.9856	0.5310	2.0690	0.8136	0.5868
0.4127	0.9879	0.5031	2.1950	0.8401	0.6194
0.4814	0.9900	0.4743	2.3319	0.8665	0.6571
0.5406	0.9919	0.4511	2.4483	0.8872	0.6909
0.6023	0.9933	0.4279	2.5706	0.9073	0.7283
0.6824	0.9952	0.4027	2.7125	0.9287	0.7741
0.7469	0.9964	0.3844	2.8213	0.9438	0.8108
0.8142	0.9975	0.3670	2.9307	0.9580	0.8492
0.8764	0.9988	0.3530	3.0245	0.9693	0.8833
0.9554	0.9995	0.3394	3.1187	0.9801	0.9186
1.0220	1.0000	0.3303	3.1840	0.9872	0.9438
1.0889	1.0005	0.3255	3.2202	0.9910	0.9579
1.1600	1.0007	0.3224	3.2436	0.9935	0.9672
1.2313	1.0010	0.3210	3.2546	0.9946	0.9716
1.3028	1.0010	0.3203	3.2595	0.9951	0.9735
1.3639	1.0008	0.3198	3.2629	0.9954	0.9749
1.4396	1.0011	0.3195	3.2657	0.9957	0.9760
1.5093	1.0011	0.3192	3.2680	0.9959	0.9769
1.5814	1.0015	0.3190	3.2703	0.9962	0.9778
1.7155	1.0015	0.3185	3.2744	0.9966	0.9795
2.0868	1.0016	0.3171	3.2849	0.9976	0.9837
2.4417	1.0016	0.3158	3.2953	0.9987	0.9879
2.8033	1.0019	0.3147	3.3040	0.9995	0.9914
3.1529	1.0018	0.3135	3.3130	1.0004	0.9950
3.5070	1.0022	0.3129	3.3192	1.0010	0.9975

DEL = 0.3074 DELL= .0523 DEL*= .1290 CM
THETA= .02026 H = 6.369 UE = 650.1 M/SEC
RHOE= 0.2051 KG/M**3 RUN = 4060

MACH = 3.00 PO = 298.4 KPA TO = 308.2 K
ALPHA= 6.34 Z/D= 4.44 PHI= 300.
RPM= 0. PW = 6.92 KPA REL=7264938.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9198	0.9198	0.0000	0.0000	0.3610
0.0408	0.9679	0.7363	1.2540	0.5893	0.4510
0.0530	0.9708	0.7094	1.3574	0.6261	0.4681
0.0713	0.9732	0.6873	1.4424	0.6548	0.4833
0.1206	0.9779	0.6352	1.6425	0.7169	0.5228
0.1425	0.9805	0.6062	1.7571	0.7492	0.5478
0.1644	0.9820	0.5882	1.8296	0.7685	0.5645
0.1801	0.9838	0.5713	1.8998	0.7863	0.5814
0.2083	0.9849	0.5550	1.9677	0.8028	0.5984
0.2492	0.9869	0.5287	2.0815	0.8288	0.6282
0.3124	0.9889	0.5043	2.1919	0.8523	0.6587
0.3726	0.9902	0.4859	2.2780	0.8695	0.6836
0.4299	0.9907	0.4762	2.3244	0.8783	0.6974
0.4714	0.9917	0.4632	2.3884	0.8901	0.7170
0.5291	0.9923	0.4512	2.4490	0.9008	0.7360
0.5902	0.9938	0.4317	2.5516	0.9181	0.7693
0.6483	0.9949	0.4192	2.6206	0.9290	0.7925
0.7002	0.9957	0.4059	2.6953	0.9403	0.8183
0.7457	0.9966	0.3951	2.7588	0.9495	0.8408
0.7914	0.9969	0.3877	2.8029	0.9556	0.8568
0.8535	0.9981	0.3720	2.9011	0.9687	0.8932
0.9093	0.9984	0.3676	2.9288	0.9723	0.9037
0.9555	0.9992	0.3583	2.9907	0.9800	0.9275
1.0083	0.9992	0.3509	3.0392	0.9858	0.9466
1.0680	0.9996	0.3452	3.0788	0.9905	0.9623
1.1916	1.0001	0.3401	3.1151	0.9946	0.9769
1.3074	1.0003	0.3375	3.1332	0.9966	0.9843
1.4099	1.0003	0.3365	3.1403	0.9974	0.9872
1.5332	1.0003	0.3362	3.1428	0.9977	0.9882
1.6292	1.0004	0.3357	3.1462	0.9981	0.9896
1.7565	1.0004	0.3359	3.1453	0.9980	0.9893
1.8633	1.0006	0.3356	3.1478	0.9982	0.9903
2.0950	1.0008	0.3349	3.1527	0.9988	0.9923
2.3341	1.0006	0.3346	3.1549	0.9990	0.9932
2.6623	1.0010	0.3339	3.1608	0.9997	0.9956

DEL = 0.1870 DELL= .0264 DEL*= .0679 CM
THETA= .01195 H = 5.687 UE = 642.5 M/SEC
RHOE= 0.2359 KG/M**3 RUN = 4113

MACH = 3.00 PO = 298.3 KPA TO = 308.3 K
ALPHA= 6.34 Z/D= 4.44 PHI= 300.
RPM= 20000. PW = 6.92 KPA REL=7255463.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9199	0.9199	0.0000	0.0000	0.3618
0.0857	0.9742	0.6742	1.4914	0.6706	0.4936
0.1193	0.9775	0.6384	1.6295	0.7130	0.5212
0.1409	0.9794	0.6195	1.7044	0.7346	0.5373
0.1719	0.9817	0.5921	1.8140	0.7643	0.5622
0.1998	0.9834	0.5707	1.9017	0.7867	0.5832
0.2683	0.9864	0.5307	2.0722	0.8267	0.6271
0.2964	0.9878	0.5126	2.1529	0.8441	0.6492
0.3685	0.9896	0.4879	2.2676	0.8674	0.6821
0.4220	0.9904	0.4760	2.3247	0.8783	0.6991
0.4694	0.9913	0.4637	2.3850	0.8894	0.7176
0.5106	0.9922	0.4538	2.4357	0.8984	0.7335
0.5741	0.9933	0.4364	2.5259	0.9138	0.7626
0.6284	0.9942	0.4243	2.5915	0.9243	0.7845
0.6732	0.9948	0.4120	2.6596	0.9349	0.8077
0.7375	0.9960	0.3962	2.7514	0.9483	0.8401
0.7955	0.9965	0.3851	2.8175	0.9575	0.8641
0.8344	0.9973	0.3762	2.8730	0.9650	0.8847
0.9025	0.9980	0.3656	2.9407	0.9737	0.9103
0.9580	0.9985	0.3570	2.9974	0.9807	0.9323
1.0103	0.9989	0.3505	3.0412	0.9860	0.9495
1.0661	0.9994	0.3457	3.0751	0.9899	0.9630
1.1818	0.9997	0.3401	3.1138	0.9944	0.9787
1.2829	0.9997	0.3375	3.1323	0.9964	0.9862
1.3943	1.0000	0.3367	3.1382	0.9971	0.9886
1.4925	0.9998	0.3362	3.1413	0.9974	0.9899
1.6282	0.9998	0.3359	3.1438	0.9977	0.9909
1.8564	0.9999	0.3354	3.1475	0.9981	0.9924
2.0753	1.0001	0.3348	3.1518	0.9986	0.9942
2.3083	1.0001	0.3344	3.1552	0.9990	0.9956
2.6467	1.0001	0.3337	3.1599	0.9995	0.9975

DEL = 0.1891 DELL= .0287 DEL*= .0694 CM
THETA= .01180 H = 5.885 UE = 642.7 M/SEC
RHOE= 0.2355 KG/M**3 RUN = 4114

MACH = 3.00 PO = 297.9 KPA TO = 306.2 K
ALPHA= 6.34 Z/D= 4.44 PHI= 330.
RPM= 0. PW = 8.16 KPA REL=7318542.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9228	0.9228	0.0000	0.0000	0.3868
0.0454	0.9713	0.7253	1.3022	0.6186	0.4921
0.0724	0.9723	0.7153	1.3405	0.6324	0.4990
0.0791	0.9757	0.6812	1.4704	0.6770	0.5240
0.1130	0.9787	0.6490	1.5939	0.7163	0.5500
0.1265	0.9808	0.6268	1.6804	0.7421	0.5695
0.1469	0.9829	0.6000	1.7864	0.7719	0.5949
0.1878	0.9855	0.5727	1.8983	0.8013	0.6235
0.2360	0.9874	0.5458	2.0113	0.8288	0.6541
0.2569	0.9883	0.5312	2.0742	0.8433	0.6719
0.3128	0.9896	0.5157	2.1435	0.8586	0.6922
0.3618	0.9909	0.4979	2.2250	0.8757	0.7170
0.4250	0.9919	0.4837	2.2918	0.8891	0.7380
0.4956	0.9929	0.4719	2.3496	0.9002	0.7567
0.5380	0.9937	0.4606	2.4057	0.9106	0.7752
0.6162	0.9950	0.4411	2.5055	0.9281	0.8094
0.6733	0.9957	0.4274	2.5786	0.9403	0.8353
0.7305	0.9964	0.4168	2.6370	0.9496	0.8566
0.7952	0.9973	0.4026	2.7176	0.9618	0.8867
0.8528	0.9980	0.3920	2.7800	0.9709	0.9106
0.9252	0.9988	0.3823	2.8397	0.9792	0.9340
0.9906	0.9992	0.3766	2.8753	0.9841	0.9482
1.0270	0.9993	0.3709	2.9107	0.9887	0.9625
1.1588	1.0000	0.3625	2.9651	0.9958	0.9849
1.2767	1.0000	0.3596	2.9840	0.9981	0.9927
1.4104	1.0001	0.3584	2.9923	0.9992	0.9962
1.5166	1.0001	0.3581	2.9942	0.9994	0.9970
1.6687	1.0001	0.3580	2.9950	0.9995	0.9973
1.7830	1.0003	0.3579	2.9958	0.9996	0.9977
1.8899	1.0003	0.3579	2.9958	0.9996	0.9977
2.1582	1.0002	0.3575	2.9977	0.9998	0.9985
2.4238	1.0004	0.3572	3.0002	1.0001	0.9995

DEL = 0.1679 DELU= .0227 DEL*= .0559 CM
THETA= .01067 H = 5.237 UE = 628.8 M/SEC
RHOE= 0.2608 KG/M**3 RUN = 4105

MACH = 3.00 PO = 298.4 KPA TO = 307.2 K
ALPHA= 0.00 Z/D= 5.56 PHI= 0.
RPM= 0. PW = 7.33 KPA REL=7295567.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9218	0.9218	0.0000	0.0000	0.3782
0.0226	0.9613	0.8003	1.0030	0.4973	0.4355
0.0295	0.9631	0.7868	1.0586	0.5204	0.4430
0.0468	0.9689	0.7399	1.2441	0.5931	0.4712
0.0711	0.9740	0.6913	1.4299	0.6589	0.5043
0.1025	0.9776	0.6531	1.5764	0.7060	0.5338
0.1446	0.9804	0.6203	1.7038	0.7437	0.5620
0.1815	0.9821	0.5996	1.7859	0.7665	0.5813
0.2488	0.9841	0.5749	1.8864	0.7928	0.6063
0.3041	0.9852	0.5592	1.9516	0.8089	0.6232
0.3634	0.9865	0.5446	2.0142	0.8238	0.6400
0.4158	0.9876	0.5295	2.0800	0.8389	0.6583
0.4832	0.9890	0.5105	2.1649	0.8573	0.6828
0.5474	0.9905	0.4900	2.2597	0.8768	0.7113
0.6028	0.9920	0.4713	2.3503	0.8942	0.7397
0.6725	0.9934	0.4488	2.4631	0.9146	0.7766
0.7236	0.9946	0.4311	2.5563	0.9303	0.8085
0.7899	0.9960	0.4119	2.6626	0.9471	0.8463
0.8563	0.9970	0.3944	2.7641	0.9621	0.8839
0.9096	0.9979	0.3819	2.8400	0.9726	0.9129
0.9687	0.9984	0.3713	2.9060	0.9814	0.9388
1.0433	0.9992	0.3619	2.9675	0.9893	0.9634
1.1046	0.9995	0.3568	3.0008	0.9934	0.9770
1.1754	0.9998	0.3522	3.0323	0.9973	0.9899
1.2310	1.0001	0.3502	3.0461	0.9989	0.9957
1.2985	1.0000	0.3490	3.0542	0.9999	0.9990
1.3700	1.0000	0.3486	3.0566	1.0002	1.0000
1.4894	1.0002	0.3485	3.0578	1.0003	1.0005
1.6233	1.0002	0.3486	3.0572	1.0002	1.0003
1.7577	1.0002	0.3486	3.0569	1.0002	1.0002
1.8913	1.0002	0.3486	3.0572	1.0002	1.0003
2.0837	1.0002	0.3488	3.0560	1.0001	0.9998
2.4158	1.0002	0.3488	3.0560	1.0001	0.9998
2.7318	1.0002	0.3488	3.0557	1.0001	0.9997
3.0599	1.0004	0.3488	3.0560	1.0001	0.9998
3.3571	1.0002	0.3487	3.0563	1.0001	0.9999

DEL = 0.3375 DELL= .0534 DEL*= .1315 CM
THETA= .02466 H = 5.334 UE = 633.8 M/SEC
RHOE= 0.2413 KG/M**3 RUN = 4007

MACH = 3.00 PO = 298.3 KPA TO = 312.2 K
ALPHA= 0.00 Z/D= 5.56 PHI= 30.
RPM= 0. PW = 7.32 KPA REL=7409086.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3742
0.0187	0.9563	0.8330	0.8605	0.4345	0.4140
0.0626	0.9715	0.7156	1.3371	0.6258	0.4819
0.0979	0.9770	0.6598	1.5503	0.6967	0.5227
0.1476	0.9796	0.6281	1.6732	0.7337	0.5490
0.1958	0.9821	0.6020	1.7765	0.7626	0.5728
0.2461	0.9836	0.5853	1.8446	0.7807	0.5893
0.2822	0.9845	0.5745	1.8889	0.7921	0.6004
0.3457	0.9860	0.5574	1.9608	0.8098	0.6189
0.4023	0.9874	0.5400	2.0354	0.8274	0.6389
0.4619	0.9893	0.5191	2.1281	0.8480	0.6648
0.5256	0.9910	0.4963	2.2324	0.8698	0.6954
0.5894	0.9926	0.4705	2.3556	0.8937	0.7334
0.6590	0.9944	0.4478	2.4706	0.9143	0.7708
0.7212	0.9958	0.4289	2.5706	0.9311	0.8047
0.7911	0.9970	0.4108	2.6712	0.9468	0.8403
0.8498	0.9979	0.3970	2.7508	0.9586	0.8654
0.9106	0.9990	0.3831	2.8348	0.9703	0.9010
0.9750	0.9998	0.3697	2.9190	0.9815	0.9338
1.0416	1.0005	0.3591	2.9882	0.9902	0.9614
1.1027	1.0007	0.3525	3.0322	0.9956	0.9792
1.1582	1.0011	0.3497	3.0519	0.9980	0.9873
1.2312	1.0013	0.3483	3.0615	0.9991	0.9913
1.2948	1.0013	0.3479	3.0643	0.9994	0.9924
1.4246	1.0013	0.3477	3.0658	0.9996	0.9930
1.5558	1.0015	0.3477	3.0663	0.9997	0.9933
1.8838	1.0015	0.3476	3.0667	0.9997	0.9934
2.1964	1.0017	0.3477	3.0667	0.9997	0.9934
2.5130	1.0015	0.3475	3.0678	0.9998	0.9939
2.8404	1.0017	0.3475	3.0678	0.9998	0.9939
2.9880	1.0015	0.3474	3.0684	0.9999	0.9942
3.1422	1.0015	0.3473	3.0690	1.0000	0.9944
3.2846	1.0015	0.3473	3.0687	0.9999	0.9943
3.4308	1.0019	0.3467	3.0742	1.0006	0.9965

DEL = 0.3410 DELL= .0550 DEL*= .1360 CM
THETA= .02504 H = 5.432 UE = 640.1 M/SEC
RHOE= 0.2376 KG/M**3 RUN = 1011

MACH = 3.00 PO = 297.8 KPA TO = 308.1 K
ALPHA= 0.00 Z/D= 5.56 PHI= 60.
RPM= 0. PW = 7.31 KPA REL=7246474.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9216	0.9216	0.0000	0.0000	0.3759
0.0229	0.9627	0.7910	1.0418	0.5128	0.4380
0.0458	0.9685	0.7438	1.2290	0.5866	0.4658
0.0652	0.9734	0.6975	1.4062	0.6500	0.4967
0.0953	0.9765	0.6674	1.5219	0.6880	0.5192
0.1220	0.9792	0.6378	1.6359	0.7230	0.5432
0.1792	0.9821	0.6017	1.7779	0.7633	0.5757
0.2421	0.9843	0.5797	1.8681	0.7870	0.5978
0.3038	0.9856	0.5631	1.9369	0.8042	0.6154
0.3530	0.9865	0.5496	1.9935	0.8178	0.6304
0.4283	0.9880	0.5276	2.0889	0.8397	0.6566
0.4820	0.9897	0.5074	2.1798	0.8593	0.6828
0.5397	0.9909	0.4873	2.2733	0.8782	0.7109
0.6093	0.9926	0.4632	2.3905	0.9004	0.7479
0.6667	0.9940	0.4464	2.4766	0.9156	0.7762
0.7397	0.9953	0.4256	2.5870	0.9340	0.8141
0.7974	0.9965	0.4086	2.6821	0.9487	0.8480
0.8649	0.9977	0.3930	2.7735	0.9621	0.8818
0.9286	0.9986	0.3780	2.8650	0.9747	0.9168
0.9867	0.9991	0.3674	2.9323	0.9835	0.9432
1.0538	0.9996	0.3594	2.9847	0.9901	0.9642
1.1188	1.0001	0.3537	3.0227	0.9947	0.9797
1.1888	1.0002	0.3500	3.0479	0.9978	0.9901
1.2512	1.0005	0.3481	3.0610	0.9993	0.9955
1.3177	1.0005	0.3472	3.0676	1.0001	0.9983
1.4435	1.0007	0.3467	3.0715	1.0005	0.9999
1.7784	1.0006	0.3464	3.0727	1.0007	1.0004
2.1182	1.0004	0.3466	3.0712	1.0005	0.9998
2.4441	1.0007	0.3467	3.0712	1.0005	0.9998
2.7690	1.0007	0.3467	3.0709	1.0005	0.9997
3.0959	1.0007	0.3468	3.0703	1.0004	0.9994
3.4021	1.0007	0.3467	3.0709	1.0005	0.9996

DEL = 0.3328 DELU= .0528 DEL*= .1305 CM
THETA= .02422 H = 5.387 UE = 635.7 M/SEC
RHOE= 0.2392 KG/M**3 RUN = 4054

MACH = 3.00 PO = 298.2 KPA TO = 308.4 K
ALPHA= 0.00 Z/D= 5.56 PHI= 90.
RPM= 0. PW = 7.32 KPA REL=7507023.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9218	0.9216	0.0000	0.0000	0.3776
0.0212	0.9565	0.8346	0.8544	0.4323	0.4170
0.0353	0.9616	0.8016	0.9989	0.4953	0.4343
0.0459	0.9671	0.7552	1.1844	0.5701	0.4668
0.0653	0.9711	0.7249	1.3029	0.6142	0.4803
0.0931	0.9734	0.6967	1.4320	0.6490	0.4982
0.1060	0.9762	0.6660	1.5187	0.6875	0.5210
0.1383	0.9779	0.6499	1.5885	0.7093	0.5355
0.1688	0.9795	0.6340	1.6507	0.7279	0.5491
0.2119	0.9812	0.6140	1.7293	0.7504	0.5669
0.2571	0.9830	0.5929	1.8135	0.7734	0.5870
0.3120	0.9847	0.5711	1.9029	0.7964	0.6095
0.3379	0.9859	0.5591	1.9537	0.8089	0.6227
0.3917	0.9873	0.5355	2.0538	0.8324	0.6499
0.4438	0.9890	0.5146	2.1460	0.8527	0.6761
0.4866	0.9905	0.4970	2.2281	0.8699	0.7005
0.5370	0.9917	0.4775	2.3205	0.8880	0.7296
0.6005	0.9932	0.4562	2.4262	0.9075	0.7631
0.6642	0.9943	0.4354	2.5285	0.9251	0.7975
0.7186	0.9955	0.4211	2.5117	0.9386	0.8266
0.7845	0.9965	0.4069	2.6316	0.9509	0.8555
0.8454	0.9971	0.3947	2.7625	0.9612	0.8818
0.9050	0.9978	0.3841	2.8252	0.9701	0.9060
0.9711	0.9989	0.3714	2.9063	0.9809	0.9373
1.0414	0.9993	0.3596	2.9825	0.9905	0.9679
1.0985	0.9997	0.3531	3.0257	0.9958	0.9856
1.1577	0.9999	0.3500	3.0469	0.9984	0.9943
1.2863	1.0002	0.3480	3.0614	1.0001	1.0004
1.4241	1.0004	0.3476	3.0641	1.0004	1.0015
1.7473	1.0002	0.3474	3.0653	1.0006	1.0020
2.0496	1.0002	0.3474	3.0653	1.0006	1.0020
2.3710	1.0002	0.3475	3.0644	1.0005	1.0016
2.6938	1.0004	0.3477	3.0638	1.0004	1.0014
2.9808	1.0000	0.3478	3.0623	1.0002	1.0008

DEL = 0.3440 DELU= .0552 DEL*= .1340 CM
THETA= .02471 H = 5.423 UE = 635.6 M/SEC
RHOE= 0.2388 KG/M**3 RUN = 1056

MACH = 3.00 PO = 290.2 KPA TO = 309.8 K
ALPHA= 2.10 Z/D= 5.56 PHI= 0.
RPM= 0. PW = 7.37 KPA REL=7270334.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9221	0.9221	0.0000	0.0000	0.3808
0.0330	0.9601	0.8107	0.9600	0.4801	0.4321
0.0490	0.9674	0.7551	1.1857	0.5723	0.4651
0.0948	0.9758	0.6756	1.4906	0.6805	0.5198
0.1362	0.9802	0.6286	1.6723	0.7364	0.5568
0.1665	0.9816	0.6077	1.7539	0.7595	0.5777
0.2333	0.9843	0.5774	1.8770	0.7922	0.6082
0.2776	0.9859	0.5598	1.9509	0.8107	0.6275
0.3196	0.9869	0.5468	2.0062	0.8239	0.6424
0.3807	0.9884	0.5243	2.1040	0.8461	0.6659
0.4373	0.9898	0.5031	2.1991	0.8665	0.6879
0.5167	0.9917	0.4756	2.3295	0.8924	0.7383
0.5940	0.9933	0.4561	2.4268	0.9103	0.7700
0.6725	0.9945	0.4379	2.5207	0.9265	0.8019
0.7661	0.9959	0.4167	2.6361	0.9452	0.8427
0.8464	0.9973	0.3984	2.7418	0.9611	0.8817
0.9195	0.9981	0.3844	2.8251	0.9729	0.9136
1.0002	0.9990	0.3699	2.9160	0.9850	0.9495
1.0761	0.9994	0.3609	2.9740	0.9924	0.9730
1.1666	0.9999	0.3561	3.0066	0.9965	0.9864
1.2426	0.9999	0.3536	3.0227	0.9984	0.9930
1.3263	1.0000	0.3524	3.0309	0.9994	0.9964
1.4078	0.9998	0.3521	3.0330	0.9997	0.9973
1.4871	1.0000	0.3520	3.0339	0.9998	0.9977
1.5716	1.0002	0.3519	3.0348	0.9999	0.9981
1.6553	1.0003	0.3520	3.0345	0.9998	0.9979
1.7414	1.0002	0.3520	3.0345	0.9998	0.9979
1.9157	1.0002	0.3518	3.0354	1.0000	0.9983
2.0836	1.0002	0.3517	3.0360	1.0000	0.9986
2.2609	1.0004	0.3517	3.0369	1.0001	0.9989
2.4191	1.0002	0.3517	3.0363	1.0001	0.9987
2.7497	1.0004	0.3516	3.0375	1.0002	0.9992
3.1608	1.0004	0.3517	3.0366	1.0001	0.9988
3.5733	1.0002	0.3516	3.0369	1.0001	0.9990
3.9767	1.0002	0.3514	3.0381	1.0003	0.9994
4.3509	1.0006	0.3515	3.0384	1.0003	0.9996

DEL = 0.2643 DELU= .0409 DEL*= .0988 CM
THETA= .01839 H = 5.369 UE = 635.1 M/SEC
RHOE= 0.2372 KG/M**3 RUN = 1005

MACH = 3.00 PO = 290.3 KPA TO = 310.1 K
ALPHA= 2.10 Z/D= 5.56 PHI= 0.
RPM= 20000. PW = 7.37 KPA REL=7255791.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9221	0.9221	0.0000	0.0000	0.3808
0.0887	0.9738	0.6961	1.4123	0.6544	0.5044
0.1235	0.9782	0.6489	1.5928	0.7126	0.5411
0.1631	0.9812	0.6146	1.7270	0.7519	0.5713
0.2004	0.9834	0.5890	1.8297	0.7798	0.5961
0.2426	0.9846	0.5732	1.8944	0.7965	0.6125
0.2825	0.9856	0.5607	1.9465	0.8094	0.6262
0.3274	0.9871	0.5459	2.0103	0.8247	0.6434
0.3730	0.9880	0.5323	2.0687	0.8381	0.6597
0.3914	0.9884	0.5243	2.1039	0.8460	0.6697
0.4414	0.9898	0.5098	2.1698	0.8602	0.6890
0.4826	0.9906	0.4937	2.2435	0.8754	0.7113
0.5313	0.9917	0.4813	2.3028	0.8871	0.7297
0.5849	0.9930	0.4648	2.3835	0.9023	0.7556
0.6460	0.9940	0.4470	2.4736	0.9183	0.7856
0.7120	0.9951	0.4306	2.5605	0.9329	0.8156
0.7733	0.9963	0.4164	2.6387	0.9454	0.8435
0.8543	0.9975	0.3968	2.7514	0.9623	0.8852
0.9380	0.9985	0.3811	2.8460	0.9755	0.9216
1.0095	0.9991	0.3680	2.9284	0.9864	0.9543
1.0861	0.9998	0.3606	2.9770	0.9926	0.9740
1.1577	1.0000	0.3569	3.0014	0.9956	0.9841
1.2394	0.9998	0.3537	3.0220	0.9981	0.9926
1.3437	1.0003	0.3526	3.0308	0.9992	0.9962
1.4210	1.0003	0.3522	3.0335	0.9995	0.9974
1.5787	1.0003	0.3519	3.0353	0.9997	0.9981
1.7577	1.0002	0.3517	3.0362	0.9999	0.9985
1.9336	1.0003	0.3518	3.0362	0.9999	0.9985
2.3556	1.0002	0.3515	3.0374	1.0000	0.9990
2.7654	1.0000	0.3514	3.0380	1.0001	0.9993
3.1801	1.0004	0.3516	3.0377	1.0000	0.9991
3.6042	1.0005	0.3517	3.0374	1.0000	0.9990
4.0069	1.0005	0.3516	3.0380	1.0001	0.9993
4.3915	1.0003	0.3515	3.0377	1.0000	0.9991

DEL = 0.2619 DELU= .0434 DEL*= .1002 CM
THETA= .01794 H = 5.585 UE = 635.6 M/SEC
RHOE= 0.2370 KG/M**3 RUN = 1006

MACH = 3.00 PO = 298.1 KPA TO = 307.6 K
ALPHA= 2.10 Z/D= 5.56 PHI= 30.
RPM= 0. PW = 7.54 KPA REL=7553146.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9222	0.9222	0.0000	0.0000	0.3815
0.0291	0.9584	0.8265	0.8932	0.4512	0.4258
0.0488	0.9635	0.7890	1.0518	0.5191	0.4460
0.0772	0.9715	0.7190	1.3252	0.6245	0.4854
0.0965	0.9748	0.6844	1.4566	0.6697	0.5140
0.1254	0.9778	0.6542	1.5727	0.7069	0.5378
0.1584	0.9805	0.6243	1.6891	0.7417	0.5636
0.1959	0.9826	0.6009	1.7822	0.7677	0.5856
0.2336	0.9844	0.5789	1.8715	0.7913	0.6079
0.2714	0.9857	0.5652	1.9285	0.8056	0.6227
0.3317	0.9871	0.5418	2.0270	0.8292	0.6493
0.3834	0.9885	0.5231	2.1095	0.8478	0.6727
0.4398	0.9900	0.5062	2.1858	0.8642	0.6951
0.4919	0.9910	0.4917	2.2535	0.8780	0.7158
0.5659	0.9924	0.4713	2.3513	0.8970	0.7467
0.6472	0.9939	0.4506	2.4554	0.9158	0.7810
0.7309	0.9952	0.4275	2.5767	0.9363	0.8230
0.8079	0.9969	0.4079	2.6870	0.9535	0.8629
0.8851	0.9977	0.3913	2.7837	0.9676	0.8993
0.9600	0.9985	0.3766	2.8733	0.9799	0.9342
1.0375	0.9994	0.3655	2.9448	0.9893	0.9628
1.1129	0.9998	0.3583	2.9919	0.9952	0.9821
1.2022	1.0000	0.3549	3.0145	0.9980	0.9915
1.2801	1.0001	0.3535	3.0240	0.9991	0.9954
1.3534	1.0003	0.3533	3.0263	0.9994	0.9964
1.4318	1.0001	0.3531	3.0269	0.9995	0.9966
1.5056	1.0001	0.3530	3.0275	0.9995	0.9969
1.6755	1.0001	0.3528	3.0287	0.9997	0.9974
1.9201	1.0003	0.3528	3.0293	0.9997	0.9976
2.3267	1.0003	0.3525	3.0313	1.0000	0.9985
2.7215	1.0002	0.3524	3.0316	1.0000	0.9986
3.1143	1.0002	0.3522	3.0328	1.0002	0.9991
3.5037	1.0000	0.3523	3.0322	1.0001	0.9988
3.8851	1.0002	0.3522	3.0331	1.0002	0.9992
4.2452	1.0006	0.3523	3.0334	1.0002	0.9993

DEL = 0.2750 DELL= .0439 DEL*= .1046 CM
THETA= .01943 H = 5.385 UE = 632.7 M/SEC
RHOE= 0.2441 KG/M**3 RUN = 1014

MACH = 3.00 PO = 298.2 KPA TO = 255.3 K
ALPHA= 2.10 Z/D= 5.56 PHI= 30.
RPM= 20000. PW = 7.53 KPA REL=9569700.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9222	0.9222	0.0000	0.0000	0.3816
0.0896	0.9733	0.7037	1.3840	0.6451	0.5062
0.1179	0.9779	0.6537	1.5744	0.7074	0.5383
0.1419	0.9801	0.6312	1.6625	0.7339	0.5577
0.1572	0.9810	0.6210	1.7025	0.7455	0.5669
0.1945	0.9831	0.5958	1.8028	0.7732	0.5908
0.2341	0.9846	0.5777	1.8765	0.7925	0.6093
0.2628	0.9855	0.5656	1.9266	0.8051	0.6223
0.3293	0.9871	0.5448	2.0150	0.8264	0.6462
0.3806	0.9885	0.5265	2.0945	0.8445	0.6685
0.4343	0.9898	0.5087	2.1746	0.8618	0.6920
0.4951	0.9911	0.4902	2.2603	0.8794	0.7181
0.5641	0.9929	0.4685	2.3656	0.8996	0.7515
0.6448	0.9941	0.4479	2.4689	0.9182	0.7858
0.7279	0.9955	0.4269	2.5805	0.9369	0.8246
0.8044	0.9967	0.4080	2.6862	0.9534	0.8629
0.8763	0.9980	0.3919	2.7809	0.9672	0.8985
0.9438	0.9988	0.3785	2.8623	0.9784	0.9301
1.0370	0.9996	0.3662	2.9406	0.9887	0.9614
1.1141	1.0000	0.3595	2.9846	0.9942	0.9794
1.1888	1.0000	0.3559	3.0082	0.9972	0.9891
1.2731	1.0003	0.3542	3.0200	0.9986	0.9940
1.3436	1.0003	0.3537	3.0233	0.9990	0.9954
1.4261	1.0004	0.3533	3.0263	0.9994	0.9966
1.5041	1.0004	0.3532	3.0271	0.9995	0.9970
1.6609	1.0004	0.3530	3.0283	0.9996	0.9975
1.9086	1.0004	0.3529	3.0289	0.9997	0.9977
2.3122	1.0004	0.3526	3.0310	0.9999	0.9986
2.7017	1.0004	0.3525	3.0316	1.0000	0.9988
3.0893	1.0004	0.3525	3.0316	1.0000	0.9988
3.4852	1.0004	0.3524	3.0325	1.0001	0.9992
3.8569	1.0007	0.3523	3.0333	1.0002	0.9996
4.2132	1.0004	0.3523	3.0330	1.0002	0.9995

DEL = 0.2770 DELL= .0460 DEL*= .1054 CM
THETA= .01887 H = 5.587 UE = 576.4 M/SEC
RHOE= 0.2936 KG/M**3 RUN = 1015

MACH = 3.00 PO = 298.8 KPA TO = 307.6 K
ALPHA= 2.10 Z/D= 5.56 PHI= 60.
RPM= 0. PW = 7.26 KPA REL=758846C.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3723
0.0286	0.9566	0.8292	0.8765	0.4416	0.4136
0.0642	0.9674	0.7481	1.2106	0.5794	0.4584
0.0936	0.9732	0.6978	1.4048	0.6492	0.4916
0.1294	0.9777	0.6506	1.5857	0.7075	0.5273
0.1696	0.9802	0.6232	1.6925	0.7391	0.5505
0.2035	0.9824	0.6037	1.7710	0.7610	0.5665
0.2535	0.9841	0.5813	1.8615	0.7850	0.5904
0.3039	0.9856	0.5604	1.9476	0.8065	0.6122
0.3469	0.9873	0.5459	2.0106	0.8215	0.6289
0.4117	0.9888	0.5249	2.1021	0.8422	0.6540
0.4713	0.9906	0.5031	2.2013	0.8634	0.6825
0.5266	0.9918	0.4845	2.2882	0.8808	0.7086
0.5863	0.9934	0.4691	2.3641	0.8952	0.7322
0.6398	0.9944	0.4542	2.4387	0.9086	0.7563
0.6887	0.9954	0.4373	2.5263	0.9236	0.7854
0.7488	0.9967	0.4212	2.6136	0.9378	0.8155
0.8046	0.9982	0.4069	2.6956	0.9503	0.8447
0.8493	0.9990	0.3941	2.7705	0.9612	0.8721
0.9209	1.0000	0.3785	2.8655	0.9743	0.9081
1.0062	1.0010	0.3647	2.9534	0.9857	0.9424
1.0757	1.0019	0.3568	3.0069	0.9924	0.9638
1.1612	1.0020	0.3510	3.0455	0.9970	0.9795
1.2289	1.0022	0.3489	3.0595	0.9987	0.9853
1.3035	1.0026	0.3478	3.0681	0.9997	0.9888
1.3830	1.0028	0.3473	3.0717	1.0001	0.9902
1.7598	1.0028	0.3467	3.0760	1.0006	0.9921
2.1454	1.0030	0.3465	3.0778	1.0008	0.9929
2.5220	1.0031	0.3461	3.0805	1.0012	0.9940
2.9032	1.0032	0.3459	3.0824	1.0014	0.9947
3.2814	1.0032	0.3458	3.0833	1.0015	0.9951
3.6491	1.0033	0.3457	3.0842	1.0016	0.9955
3.9962	1.0036	0.3457	3.0851	1.0017	0.9959

DEL = 0.2884 DELL= .0479 DEL*= .1154 CM
THETA= .02053 H = 5.624 UE = 635.3 M/SEC
RHOE= 0.2392 KG/M**3 RUN = 1022

MACH = 3.00 PO = 298.8 KPA TO = 308.4 K
ALPHA= 2.10 Z/D= 5.56 PHI= 60.
RPM= 20000. PW = 7.27 KPA REL=7542878.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3745
0.0775	0.9692	0.7347	1.2634	0.5992	0.4697
0.0895	0.9733	0.7000	1.3973	0.6467	0.4931
0.1292	0.9774	0.6570	1.5616	0.7002	0.5254
0.1666	0.9805	0.6242	1.6895	0.7393	0.5531
0.1916	0.9817	0.6065	1.7586	0.7577	0.5690
0.2335	0.9837	0.5840	1.8500	0.7821	0.5911
0.2628	0.9849	0.5723	1.8984	0.7944	0.6032
0.2986	0.9859	0.5585	1.9564	0.8087	0.6182
0.3557	0.9874	0.5399	2.0358	0.8274	0.6395
0.4068	0.9885	0.5222	2.1130	0.8447	0.6610
0.4632	0.9905	0.5024	2.2041	0.8640	0.6874
0.5088	0.9914	0.4874	2.2737	0.8780	0.7084
0.5763	0.9928	0.4681	2.3674	0.8959	0.7377
0.6243	0.9940	0.4530	2.4438	0.9096	0.7625
0.6680	0.9951	0.4389	2.5174	0.9222	0.7871
0.7315	0.9958	0.4229	2.6028	0.9361	0.8166
0.7885	0.9974	0.4077	2.6895	0.9495	0.8475
0.8434	0.9980	0.3954	2.7603	0.9599	0.8736
0.9138	0.9988	0.3797	2.8552	0.9730	0.9096
0.9844	0.9998	0.3675	2.9329	0.9832	0.9399
1.0637	1.0006	0.3577	2.9980	0.9914	0.9660
1.1322	1.0009	0.3527	3.0315	0.9954	0.9797
1.2076	1.0012	0.3500	3.0504	0.9977	0.9874
1.2832	1.0013	0.3487	3.0587	0.9987	0.9909
1.3189	1.0011	0.3483	3.0611	0.9990	0.9919
1.5026	1.0015	0.3479	3.0647	0.9994	0.9933
1.7386	1.0014	0.3476	3.0669	0.9996	0.9942
2.1105	1.0016	0.3472	3.0696	1.0000	0.9954
2.4806	1.0016	0.3470	3.0711	1.0001	0.9960
2.8302	1.0014	0.3466	3.0732	1.0004	0.9969
3.2268	1.0018	0.3466	3.0741	1.0005	0.9972
3.5509	1.0018	0.3464	3.0756	1.0007	0.9979
3.9152	1.0016	0.3463	3.0756	1.0007	0.9979

DEL = 0.2935 DELL= .0502 DEL*= .1161 CM
THETA= .02032 H = 5.716 UE = 636.2 M/SEC
RHOE= 0.2384 KG/M**3 RUN = 1023

MACH = 3.00 PO = 297.9 KPA TO = 308.4 K
ALPHA= 2.10 Z/D= 5.56 PHI= 90.
RPM= 0. PW = 7.12 KPA REL=7507439.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3740
0.0234	0.9557	0.8361	0.8459	0.4272	0.4122
0.0417	0.9628	0.7873	1.0559	0.5175	0.4377
0.0600	0.9678	0.7431	1.2295	0.5855	0.4625
0.0784	0.9711	0.7144	1.3405	0.6259	0.4823
0.1042	0.9747	0.6790	1.4756	0.6717	0.5074
0.1375	0.9775	0.6508	1.5843	0.7059	0.5295
0.1690	0.9798	0.6270	1.6774	0.7335	0.5497
0.1988	0.9811	0.6094	1.7463	0.7530	0.5654
0.2512	0.9830	0.5875	1.8346	0.7767	0.5866
0.2964	0.9843	0.5682	1.9134	0.7967	0.6063
0.3405	0.9858	0.5524	1.9805	0.8130	0.6238
0.3904	0.9871	0.5319	2.0687	0.8334	0.6478
0.4366	0.9885	0.5138	2.1491	0.8510	0.6705
0.4829	0.9898	0.4955	2.2335	0.8684	0.6953
0.5331	0.9912	0.4755	2.3287	0.8870	0.7245
0.5815	0.9921	0.4607	2.4014	0.9004	0.7477
0.6338	0.9931	0.4434	2.4899	0.9160	0.7768
0.6804	0.9946	0.4300	2.5619	0.9279	0.8013
0.7465	0.9954	0.4108	2.6673	0.9445	0.8384
0.8128	0.9965	0.3940	2.7653	0.9589	0.8743
0.8712	0.9974	0.3827	2.8343	0.9685	0.9004
0.9376	0.9983	0.3724	2.8991	0.9771	0.9254
1.0042	0.9987	0.3621	2.9650	0.9855	0.9515
1.0691	0.9991	0.3537	3.0206	0.9924	0.9740
1.1382	0.9994	0.3490	3.0527	0.9962	0.9871
1.1975	0.9997	0.3469	3.0676	0.9980	0.9932
1.2650	0.9999	0.3458	3.0756	0.9989	0.9966
1.3328	0.9998	0.3455	3.0772	0.9991	0.9973
1.4716	0.9996	0.3452	3.0790	0.9993	0.9980
1.8003	0.9996	0.3449	3.0806	0.9995	0.9986
2.1351	0.9998	0.3447	3.0827	0.9997	0.9995
2.4344	0.9998	0.3446	3.0836	0.9998	0.9999
2.7885	0.9998	0.3447	3.0824	0.9997	0.9994
3.0910	0.9998	0.3445	3.0840	0.9999	1.0001

DEL = 0.3321 DELL= .0544 DEL*= .1294 CM
THETA= .02351 H = 5.506 UE = 637.3 M/SEC
RHOE= 0.2342 KG/M**3 RUN = 1050

MACH = 3.00 PO = 298.0 KPA TO = 308.7 K
ALPHA= 2.10 Z/D= 5.56 PHI= 90.
RPM= 20000. PW = 7.11 KPA REL=7500115.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3743
0.0672	0.9689	0.7336	1.2665	0.5995	0.4700
0.0823	0.9719	0.7088	1.3624	0.6337	0.4866
0.0936	0.9735	0.6898	1.4337	0.6581	0.4998
0.1068	0.9750	0.6737	1.4955	0.6784	0.5117
0.1258	0.9766	0.6568	1.5603	0.6988	0.5249
0.1523	0.9792	0.6328	1.6541	0.7271	0.5450
0.2038	0.9815	0.6034	1.7699	0.7597	0.5714
0.2575	0.9833	0.5798	1.8653	0.7849	0.5946
0.3038	0.9845	0.5641	1.9306	0.8013	0.6112
0.3490	0.9859	0.5464	2.0053	0.8192	0.6309
0.4022	0.9873	0.5273	2.0885	0.8381	0.6538
0.4476	0.9889	0.5110	2.1624	0.8541	0.6749
0.4950	0.9900	0.4937	2.2419	0.8704	0.6984
0.5485	0.9912	0.4764	2.3246	0.8866	0.7238
0.5960	0.9924	0.4619	2.3962	0.8998	0.7466
0.6497	0.9935	0.4460	2.4773	0.9141	0.7732
0.6955	0.9942	0.4320	2.5510	0.9265	0.7982
0.7632	0.9957	0.4134	2.6538	0.9428	0.8343
0.8332	0.9969	0.3968	2.7502	0.9571	0.8694
0.8930	0.9976	0.3834	2.8304	0.9683	0.8996
0.9551	0.9984	0.3707	2.9097	0.9789	0.9304
1.0214	0.9991	0.3600	2.9790	0.9877	0.9579
1.0955	0.9995	0.3528	3.0275	0.9936	0.9776
1.1647	0.9999	0.3492	3.0522	0.9965	0.9877
1.2276	0.9998	0.3474	3.0643	0.9979	0.9927
1.2968	0.9999	0.3465	3.0704	0.9987	0.9953
1.3683	0.9999	0.3463	3.0723	0.9989	0.9960
1.4396	0.9999	0.3460	3.0738	0.9991	0.9967
1.5106	1.0001	0.3460	3.0747	0.9992	0.9971
1.8536	1.0003	0.3457	3.0769	0.9994	0.9980
2.1846	0.9996	0.3451	3.0794	0.9997	0.9990
2.5181	1.0000	0.3451	3.0806	0.9999	0.9995
2.8585	1.0002	0.3452	3.0803	0.9998	0.9994
3.0705	1.0000	0.3450	3.0809	0.9999	0.9996

DEL = 0.3240 DELL= .0549 DEL*= .1284 CM
THETA= .02285 H = 5.620 UE = 637.2 M/SEC
RHOE= 0.2340 KG/M**3 RUN = 1051

MACH = 3.00 PO = 298.4 KPA TO = 309.8 K
ALPHA= 2.10 Z/D= 5.56 PHI= 120.
RPM= 0. PW = 7.14 KPA REL=7485458.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3727
0.0186	0.9541	0.8453	0.8023	0.4078	0.4062
0.0398	0.9626	0.7884	1.0510	0.5160	0.4355
0.0611	0.9683	0.7400	1.2420	0.5908	0.4629
0.1254	0.9749	0.6770	1.4833	0.6748	0.5071
0.1834	0.9782	0.6434	1.6130	0.7153	0.5337
0.2403	0.9808	0.6155	1.7226	0.7471	0.5579
0.2958	0.9830	0.5900	1.8248	0.7749	0.5821
0.3536	0.9852	0.5641	1.9319	0.8021	0.6089
0.4072	0.9870	0.5410	2.0303	0.8255	0.6349
0.4645	0.9888	0.5170	2.1360	0.8490	0.6644
0.5218	0.9905	0.4942	2.2411	0.8708	0.6951
0.5776	0.9923	0.4745	2.3356	0.8892	0.7241
0.6352	0.9931	0.4565	2.4243	0.9055	0.7524
0.6930	0.9945	0.4372	2.5239	0.9226	0.7855
0.7526	0.9961	0.4208	2.6147	0.9373	0.8168
0.8089	0.9969	0.4081	2.6861	0.9483	0.8422
0.8739	0.9981	0.3934	2.7722	0.9608	0.8738
0.9320	0.9989	0.3779	2.8665	0.9738	0.9095
0.9921	0.9998	0.3658	2.9438	0.9838	0.9397
1.0436	1.0005	0.3572	3.0007	0.9910	0.9625
1.1039	1.0012	0.3525	3.0333	0.9949	0.9757
1.1648	1.0013	0.3477	3.0655	0.9987	0.9889
1.2795	1.0018	0.3459	3.0787	1.0003	0.9944
1.4029	1.0016	0.3452	3.0833	1.0008	0.9963
1.7121	1.0018	0.3451	3.0848	1.0010	0.9969
1.9998	1.0020	0.3449	3.0867	1.0012	0.9977
2.2967	1.0022	0.3449	3.0870	1.0012	0.9978
2.5946	1.0020	0.3448	3.0869	1.0012	0.9978
2.8775	1.0022	0.3450	3.0863	1.0011	0.9975
3.1463	1.0023	0.3449	3.0869	1.0012	0.9978

DEL = 0.3682 DELL= .0643 DEL*= .1526 CM
THETA= .02731 H = 5.589 UE = 638.1 M/SEC
RHOE= 0.2349 KG/M**3 RUN = 1039

MACH = 3.00 PO = 298.5 KPA TO = 310.1 K
ALPHA= 2.10 Z/D= 5.56 PHI= 120.
RPM= 20000. PW = 7.15 KPA REL=7464078.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3740
0.0456	0.9654	0.7685	1.1319	0.5485	0.4484
0.0573	0.9681	0.7454	1.2222	0.5832	0.4623
0.0757	0.9714	0.7158	1.3363	0.6249	0.4815
0.1043	0.9746	0.6825	1.4627	0.6680	0.5048
0.1295	0.9766	0.6632	1.5370	0.6918	0.5196
0.1871	0.9796	0.6298	1.6663	0.7309	0.5472
0.2382	0.9815	0.6056	1.7617	0.7578	0.5690
0.2965	0.9837	0.5814	1.8600	0.7839	0.5927
0.3605	0.9854	0.5571	1.9607	0.8090	0.6185
0.4223	0.9873	0.5348	2.0568	0.8314	0.6444
0.4736	0.9888	0.5156	2.1421	0.8502	0.6684
0.5339	0.9903	0.4950	2.2368	0.8698	0.6963
0.5943	0.9918	0.4734	2.3398	0.8898	0.7279
0.6549	0.9933	0.4548	2.4330	0.9068	0.7579
0.7138	0.9945	0.4365	2.5283	0.9232	0.7897
0.7693	0.9955	0.4212	2.6113	0.9366	0.8184
0.8302	0.9968	0.4017	2.7217	0.9534	0.8581
0.8911	0.9979	0.3871	2.8086	0.9657	0.8905
0.9486	0.9986	0.3736	2.8921	0.9770	0.9226
1.0081	0.9993	0.3625	2.9634	0.9861	0.9508
1.0660	0.9999	0.3553	3.0122	0.9922	0.9705
1.1276	1.0004	0.3502	3.0471	0.9964	0.9847
1.1895	1.0004	0.3473	3.0665	0.9987	0.9927
1.2535	1.0007	0.3463	3.0739	0.9995	0.9958
1.3160	1.0005	0.3457	3.0776	1.0000	0.9973
1.3761	1.0007	0.3455	3.0791	1.0001	0.9979
1.4324	1.0007	0.3455	3.0794	1.0002	0.9981
1.7458	1.0007	0.3452	3.0815	1.0004	0.9990
2.0446	1.0006	0.3449	3.0828	1.0006	0.9995
2.3512	1.0006	0.3450	3.0825	1.0005	0.9994
2.6440	1.0007	0.3452	3.0816	1.0004	0.9990
2.9392	1.0007	0.3451	3.0819	1.0005	0.9991
3.2003	1.0009	0.3451	3.0828	1.0006	0.9995

DEL = 0.3611 DELL= .0633 DEL*= .1490 CM
THETA= .02667 H = 5.588 UE = 638.6 M/SEC
RHOE= 0.2343 KG/M**3 RUN = 1040

MACH = 3.00 PO = 297.8 KPA TO = 309.1 K
ALPHA= 2.10 Z/D= 5.56 PHI= 150.
RPM= 0. PW = 7.20 KPA REL=7506692.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3747
0.0156	0.9530	0.8520	0.7698	0.3938	0.4052
0.0361	0.9612	0.8033	0.9914	0.4923	0.4299
0.0507	0.9679	0.7522	1.1975	0.5754	0.4593
0.0920	0.9729	0.7062	1.3143	0.6398	0.4892
0.1394	0.9763	0.6741	1.4970	0.6809	0.5125
0.1897	0.9786	0.6490	1.5935	0.7111	0.5324
0.2382	0.9811	0.6257	1.6850	0.7382	0.5524
0.2897	0.9826	0.6053	1.7655	0.7608	0.5709
0.3415	0.9844	0.5861	1.8432	0.7815	0.5897
0.3898	0.9861	0.5677	1.9196	0.8010	0.6090
0.4475	0.9876	0.5472	2.0062	0.8218	0.6318
0.5007	0.9893	0.5258	2.0994	0.8430	0.6575
0.5556	0.9907	0.5063	2.1873	0.8619	0.6828
0.6059	0.9925	0.4870	2.2783	0.8803	0.7102
0.6547	0.9938	0.4674	2.3729	0.8983	0.7398
0.7068	0.9949	0.4488	2.4664	0.9150	0.7703
0.7622	0.9963	0.4312	2.5598	0.9307	0.8020
0.8112	0.9976	0.4150	2.6495	0.9449	0.8335
0.8635	0.9986	0.3991	2.7405	0.9585	0.8667
0.9224	0.9999	0.3844	2.8294	0.9710	0.9001
0.9751	1.0003	0.3721	2.9055	0.9812	0.9296
1.0231	1.0014	0.3639	2.9597	0.9882	0.9511
1.0842	1.0021	0.3554	3.0165	0.9952	0.9740
1.1342	1.0021	0.3514	3.0431	0.9984	0.9849
1.1876	1.0023	0.3493	3.0572	1.0001	0.9907
1.2424	1.0023	0.3482	3.0651	1.0010	0.9940
1.2970	1.0024	0.3476	3.0688	1.0015	0.9955
1.4122	1.0029	0.3476	3.0703	1.0016	0.9962
1.5736	1.0029	0.3472	3.0730	1.0019	0.9973
1.8325	1.0029	0.3471	3.0737	1.0020	0.9976
2.1079	1.0029	0.3471	3.0740	1.0020	0.9977
2.3709	1.0031	0.3472	3.0733	1.0020	0.9975
2.6179	1.0033	0.3474	3.0721	1.0018	0.9970
2.9643	1.0034	0.3475	3.0721	1.0018	0.9969

DEL = 0.4091 DELL= .0750 DEL*= .1764 CM
THETA= .03162 H = 5.578 UE = 635.9 M/SEC
RHOE= 0.2364 KG/M**3 RUN = 1029

MACH = 3.00 PO = 297.9 KPA TO = 309.7 K
ALPHA= 2.10 Z/D= 5.56 PHI= 150.
RPM= 20000. PW = 7.21 KPA REL=7472830.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3756
0.0479	0.9671	0.7576	1.1757	0.5666	0.4569
0.0636	0.9698	0.7341	1.2669	0.6010	0.4716
0.0866	0.9730	0.7056	1.3764	0.6401	0.4907
0.1235	0.9759	0.6740	1.4967	0.6804	0.5137
0.1588	0.9779	0.6533	1.5761	0.7054	0.5299
0.1952	0.9796	0.6343	1.6496	0.7275	0.5458
0.2376	0.9813	0.6162	1.7211	0.7480	0.5619
0.2833	0.9830	0.5964	1.8004	0.7698	0.5806
0.3367	0.9852	0.5742	1.8915	0.7934	0.6032
0.3792	0.9863	0.5577	1.9602	0.8104	0.6210
0.4353	0.9878	0.5374	2.0473	0.8308	0.6445
0.4840	0.9895	0.5175	2.1356	0.8504	0.6694
0.5313	0.9906	0.4996	2.2168	0.8674	0.6932
0.5848	0.9923	0.4809	2.3061	0.8851	0.7205
0.6354	0.9935	0.4641	2.3891	0.9005	0.7465
0.6876	0.9946	0.4455	2.4827	0.9172	0.7776
0.7430	0.9958	0.4297	2.5669	0.9313	0.8064
0.7891	0.9968	0.4156	2.6442	0.9435	0.8336
0.8416	0.9977	0.4016	2.7242	0.9556	0.8627
0.8973	0.9985	0.3885	2.8017	0.9666	0.8917
0.9501	0.9995	0.3762	2.8780	0.9770	0.9210
1.0015	1.0003	0.3664	2.9413	0.9852	0.9460
1.0547	1.0008	0.3573	3.0011	0.9927	0.9701
1.1096	1.0011	0.3524	3.0339	0.9967	0.9835
1.1569	1.0013	0.3497	3.0523	0.9989	0.9911
1.2118	1.0014	0.3479	3.0645	1.0003	0.9961
1.2665	1.0014	0.3473	3.0685	1.0008	0.9978
1.3705	1.0016	0.3471	3.0707	1.0010	0.9987
1.5307	1.0016	0.3469	3.0722	1.0012	0.9993
1.7842	1.0017	0.3467	3.0731	1.0013	0.9997
2.0537	1.0018	0.3469	3.0722	1.0012	0.9993
2.3064	1.0016	0.3470	3.0713	1.0011	0.9990
2.5467	1.0018	0.3471	3.0710	1.0011	0.9988
2.7821	1.0018	0.3471	3.0707	1.0010	0.9987

DEL = 0.4205 DELL= .0749 DEL*= .1750 CM
THETA= .03126 H = 5.598 UE = 637.0 M/SEC
RHOE= 0.2356 KG/M**3 RUN = 1030

MACH = 3.00 PO = 298.7 KPA TO = 305.6 K
ALPHA= 2.10 Z/D= 5.56 PHI= 170.
RPM= 0. PW = 7.23 KPA REL=7415118.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3739
0.0164	0.9573	0.8261	0.8910	0.4490	0.4169
0.0310	0.9628	0.7887	1.0505	0.5172	0.4367
0.0506	0.9679	0.7488	1.2097	0.5802	0.4601
0.0716	0.9707	0.7241	1.3048	0.6154	0.4758
0.1156	0.9748	0.6856	1.4523	0.6665	0.5026
0.1574	0.9773	0.6588	1.5548	0.6995	0.5230
0.2008	0.9794	0.6367	1.6403	0.7254	0.5411
0.2368	0.9810	0.6200	1.7063	0.7446	0.5559
0.2834	0.9829	0.5992	1.7870	0.7669	0.5747
0.3185	0.9842	0.5841	1.8508	0.7838	0.5902
0.3670	0.9860	0.5639	1.9347	0.8050	0.6114
0.4146	0.9876	0.5437	2.0204	0.8255	0.6341
0.4572	0.9889	0.5256	2.0993	0.8433	0.6559
0.5041	0.9906	0.5064	2.1863	0.8620	0.6809
0.5438	0.9916	0.4920	2.2534	0.8757	0.7009
0.5890	0.9929	0.4767	2.3268	0.8900	0.7235
0.6344	0.9941	0.4612	2.4037	0.9042	0.7479
0.6881	0.9954	0.4455	2.4844	0.9185	0.7745
0.7351	0.9965	0.4316	2.5584	0.9308	0.7996
0.7780	0.9973	0.4194	2.6248	0.9415	0.8228
0.8237	0.9983	0.4078	2.6905	0.9515	0.8463
0.8682	0.9989	0.3979	2.7480	0.9600	0.8673
0.9196	0.9998	0.3867	2.8155	0.9695	0.8927
0.9572	1.0004	0.3767	2.8771	0.9779	0.9163
1.0117	1.0013	0.3661	2.9451	0.9867	0.9430
1.0566	1.0019	0.3586	2.9947	0.9929	0.9629
1.1045	1.0025	0.3527	3.0351	0.9978	0.9793
1.1496	1.0025	0.3495	3.0564	1.0004	0.9881
1.2006	1.0028	0.3478	3.0686	1.0018	0.9931
1.2418	1.0030	0.3470	3.0743	1.0025	0.9955
1.2972	1.0030	0.3466	3.0770	1.0029	0.9966
1.3423	1.0032	0.3466	3.0777	1.0029	0.9968
1.4406	1.0036	0.3468	3.0774	1.0028	0.9967
1.5791	1.0039	0.3469	3.0776	1.0029	0.9969
1.8154	1.0039	0.3471	3.0759	1.0026	0.9961
2.0532	1.0041	0.3472	3.0755	1.0026	0.9960
2.2968	1.0042	0.3473	3.0755	1.0026	0.9960
2.5048	1.0048	0.3476	3.0746	1.0025	0.9956

DEL = 0.4657 DELU= .0809 DEL*= .1945 CM
THETA= .03482 H = 5.586 UE = 632.0 M/SEC
RHOE= 0.2412 KG/M**3 RUN = 4031

MACH = 3.00 PO = 298.8 KPA TO = 306.3 K
ALPHA= 2.10 Z/D= 5.56 PHI= 170.
RPM= 20000. PW = 7.22 KPA REL=7345963.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3747
0.0169	0.9646	0.7757	1.1034	0.5379	0.4451
0.0385	0.9695	0.7359	1.2598	0.5981	0.4693
0.0566	0.9719	0.7134	1.3462	0.6292	0.4841
0.0879	0.9746	0.6875	1.4451	0.6631	0.5024
0.1324	0.9773	0.6585	1.5558	0.6987	0.5244
0.1826	0.9796	0.6337	1.6520	0.7278	0.5450
0.2198	0.9809	0.6178	1.7144	0.7457	0.5590
0.2627	0.9826	0.6003	1.7843	0.7650	0.5754
0.3071	0.9839	0.5818	1.8589	0.7847	0.5936
0.3533	0.9855	0.5645	1.9311	0.8029	0.6119
0.3956	0.9870	0.5482	2.0006	0.8196	0.6302
0.4465	0.9885	0.5285	2.0862	0.8392	0.6527
0.4937	0.9898	0.5100	2.1690	0.8571	0.6774
0.5418	0.9910	0.4943	2.2415	0.8720	0.6990
0.5844	0.9922	0.4796	2.3117	0.8857	0.7205
0.6356	0.9935	0.4633	2.3923	0.9008	0.7460
0.6840	0.9944	0.4481	2.4691	0.9144	0.7712
0.7355	0.9956	0.4330	2.5490	0.9279	0.7982
0.7784	0.9965	0.4192	2.6240	0.9399	0.8244
0.8258	0.9973	0.4068	2.6939	0.9506	0.8495
0.8761	0.9986	0.3929	2.7765	0.9626	0.8800
0.9120	0.9989	0.3842	2.8283	0.9698	0.8996
0.9711	0.9997	0.3717	2.9066	0.9802	0.9300
1.0145	1.0003	0.3631	2.9619	0.9873	0.9519
1.0697	1.0007	0.3556	3.0120	0.9935	0.9722
1.1162	1.0012	0.3513	3.0416	0.9971	0.9842
1.1659	1.0015	0.3482	3.0620	0.9995	0.9927
1.2128	1.0016	0.3471	3.0708	1.0005	0.9963
1.2569	1.0018	0.3466	3.0748	1.0010	0.9980
1.3142	1.0016	0.3464	3.0754	1.0011	0.9983
1.3623	1.0018	0.3463	3.0763	1.0012	0.9986
1.4640	1.0020	0.3463	3.0766	1.0012	0.9988
1.6048	1.0018	0.3461	3.0781	1.0014	0.9994
1.8475	1.0020	0.3463	3.0769	1.0013	0.9989
2.0875	1.0020	0.3464	3.0763	1.0012	0.9986
2.3396	1.0020	0.3464	3.0763	1.0012	0.9986
2.5679	1.0020	0.3465	3.0757	1.0011	0.9984

DEL = 0.4501 DELL= .0752 DEL*= .1845 CM
THETA= .03391 H = 5.439 UE = 633.8 M/SEC
RHOE= 0.2394 KG/M**3 RUN = 4032

MACH = 3.00 PO = 290.9 KPA TO = 309.6 K
ALPHA= 2.10 Z/D= 5.56 PHI= 180.
RPM= 0. PW = 7.03 KPA REL=7299535.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3736
0.0152	0.9544	0.8451	0.8041	0.4087	0.4074
0.0387	0.9611	0.8017	0.9970	0.4935	0.4294
0.0584	0.9681	0.7457	1.2212	0.5930	0.4617
0.0808	0.9709	0.7189	1.3238	0.6305	0.4788
0.1444	0.9759	0.6701	1.5108	0.6937	0.5138
0.1871	0.9779	0.6468	1.5998	0.7113	0.5322
0.2382	0.9802	0.6235	1.6911	0.7382	0.5522
0.2799	0.9819	0.6051	1.7647	0.7588	0.5691
0.3273	0.9833	0.5867	1.8382	0.7784	0.5868
0.3634	0.9845	0.5711	1.9027	0.7948	0.6029
0.4190	0.9865	0.5484	1.9987	0.8181	0.6280
0.4650	0.9876	0.5315	2.0712	0.8348	0.6477
0.5139	0.9889	0.5120	2.1580	0.8537	0.6723
0.5574	0.9899	0.4977	2.2238	0.8673	0.6917
0.6051	0.9915	0.4802	2.3073	0.8838	0.7171
0.6515	0.9923	0.4635	2.3886	0.8990	0.7427
0.6979	0.9935	0.4485	2.4648	0.9125	0.7676
0.7444	0.9947	0.4337	2.5434	0.9258	0.7941
0.7911	0.9957	0.4190	2.6234	0.9386	0.8219
0.8379	0.9963	0.4065	2.6935	0.9493	0.8470
0.8835	0.9974	0.3934	2.7707	0.9606	0.8754
0.9349	0.9980	0.3799	2.8523	0.9719	0.9063
0.9779	0.9987	0.3687	2.9230	0.9812	0.9338
1.0268	0.9995	0.3591	2.9860	0.9891	0.9589
1.0709	0.9997	0.3530	3.0266	0.9941	0.9753
1.1284	1.0002	0.3482	3.0600	0.9991	0.9850
1.2235	1.0006	0.3453	3.0804	1.0004	0.9975
1.3224	1.0008	0.3448	3.0839	1.0008	0.9989
1.4147	1.0004	0.3446	3.0845	1.0009	0.9992
1.6104	1.0004	0.3446	3.0851	1.0010	0.9994
1.8438	1.0006	0.3448	3.0839	1.0008	0.9989
2.0850	1.0006	0.3447	3.0845	1.0009	0.9992
2.3086	1.0004	0.3448	3.0832	1.0008	0.9987
2.5188	1.0015	0.3452	3.0829	1.0007	0.9985

DEL = 0.4600 DELL= .0839 DEL*= .1972 CM
THETA= .03550 H = 5.555 UE = 637.9 M/SEC
RHOE= 0.2304 KG/M**3 RUN = 1003

MACH = 3.00 PO = 290.4 KPA TO = 309.2 K
ALPHA= 2.10 Z/D= 5.56 PHI= 180.
RPM= 20000. PW = 7.01 KPA REL=7313617.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3733
0.0634	0.9635	0.7840	1.0699	0.5243	0.4387
0.0750	0.9667	0.7578	1.1740	0.5656	0.4539
0.0956	0.9700	0.7287	1.2867	0.6079	0.4720
0.1422	0.9745	0.6879	1.4432	0.6624	0.5001
0.1852	0.9774	0.6595	1.5524	0.6976	0.5217
0.2299	0.9791	0.6379	1.6353	0.7228	0.5393
0.2735	0.9808	0.6187	1.7109	0.7447	0.5561
0.3181	0.9826	0.5980	1.7932	0.7674	0.5753
0.3642	0.9844	0.5778	1.8756	0.7889	0.5955
0.4131	0.9858	0.5581	1.9576	0.8093	0.6165
0.4593	0.9876	0.5394	2.0383	0.8283	0.6380
0.5046	0.9890	0.5214	2.1176	0.8460	0.6601
0.5440	0.9901	0.5054	2.1901	0.8614	0.6810
0.5892	0.9910	0.4885	2.2677	0.8771	0.7042
0.6359	0.9926	0.4717	2.3497	0.8929	0.7296
0.6798	0.9934	0.4564	2.4256	0.9067	0.7540
0.7307	0.9948	0.4393	2.5143	0.9221	0.7834
0.7763	0.9958	0.4243	2.5950	0.9352	0.8111
0.8220	0.9969	0.4100	2.6754	0.9477	0.8396
0.8679	0.9979	0.3976	2.7478	0.9584	0.8660
0.9139	0.9985	0.3856	2.8192	0.9685	0.8927
0.9573	0.9990	0.3746	2.8869	0.9776	0.9187
1.0092	0.9997	0.3639	2.9555	0.9865	0.9457
1.0553	1.0005	0.3570	3.0023	0.9923	0.9645
1.1056	1.0008	0.3511	3.0420	0.9971	0.9806
1.2013	1.0011	0.3464	3.0740	1.0009	0.9938
1.2921	1.0012	0.3455	3.0806	1.0016	0.9966
1.3892	1.0015	0.3454	3.0819	1.0018	0.9971
1.5704	1.0013	0.3453	3.0822	1.0018	0.9972
1.7968	1.0015	0.3454	3.0819	1.0018	0.9971
2.0296	1.0017	0.3455	3.0815	1.0017	0.9970
2.2572	1.0015	0.3455	3.0809	1.0017	0.9967
2.4670	1.0013	0.3454	3.0812	1.0017	0.9968
2.6673	1.0033	0.3461	3.0812	1.0017	0.9968

DEL = 0.4713 DELL= .0929 DEL*= .2075 CM
THETA= .03557 H = 5.832 UE = 636.8 M/SEC
RHOE= 0.2308 KG/M**3 RUN = 1004

MACH = 3.00 PO = 298.5 KPA TO = 303.8 K
ALPHA= 2.10 Z/D= 5.56 PHI= 190.
RPM= 0. PW = 7.22 KPA REL=7468789.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3736
0.0173	0.9589	0.8194	0.9226	0.4630	0.4202
0.0406	0.9667	0.7639	1.1520	0.5581	0.4509
0.0654	0.9705	0.7285	1.2890	0.6099	0.4727
0.1067	0.9746	0.6894	1.4382	0.6620	0.4995
0.1468	0.9771	0.6654	1.5303	0.6919	0.5176
0.1954	0.9793	0.6414	1.6232	0.7205	0.5371
0.2416	0.9813	0.6209	1.7036	0.7440	0.5548
0.2881	0.9831	0.6041	1.7714	0.7629	0.5705
0.3336	0.9846	0.5865	1.8422	0.7818	0.5876
0.3807	0.9863	0.5654	1.9292	0.8038	0.6095
0.4255	0.9879	0.5470	2.0075	0.8227	0.6302
0.4719	0.9895	0.5285	2.0882	0.8411	0.6523
0.5172	0.9908	0.5105	2.1691	0.8586	0.6754
0.5620	0.9923	0.4929	2.2505	0.8753	0.6995
0.6186	0.9936	0.4741	2.3409	0.8929	0.7274
0.6651	0.9948	0.4596	2.4132	0.9062	0.7505
0.7073	0.9960	0.4447	2.4899	0.9196	0.7757
0.7628	0.9971	0.4285	2.5756	0.9339	0.8049
0.8067	0.9982	0.4150	2.6508	0.9457	0.8314
0.8581	0.9994	0.4012	2.7307	0.9577	0.8603
0.9109	1.0003	0.3881	2.8083	0.9688	0.8893
0.9579	1.0014	0.3770	2.8774	0.9781	0.9157
1.0080	1.0021	0.3674	2.9393	0.9862	0.9400
1.0539	1.0026	0.3597	2.9891	0.9925	0.9599
1.1013	1.0033	0.3542	3.0268	0.9971	0.9752
1.1534	1.0036	0.3502	3.0543	1.0004	0.9865
1.2026	1.0035	0.3484	3.0667	1.0018	0.9916
1.2535	1.0039	0.3475	3.0731	1.0026	0.9943
1.2971	1.0039	0.3473	3.0747	1.0028	0.9949
1.3493	1.0043	0.3472	3.0759	1.0029	0.9954
1.4538	1.0043	0.3473	3.0756	1.0029	0.9953
1.5528	1.0045	0.3473	3.0762	1.0029	0.9955
1.6496	1.0048	0.3474	3.0762	1.0029	0.9955
1.9036	1.0048	0.3475	3.0753	1.0028	0.9952
2.1550	1.0050	0.3474	3.0762	1.0029	0.9955
2.4065	1.0054	0.3477	3.0756	1.0028	0.9953
2.6425	1.0053	0.3477	3.0753	1.0028	0.9952

DEL = 0.4404 DELL= .0779 DEL*= .1871 CM
THETA= .03343 H = 5.597 UE = 630.2 M/SEC
RHOE= 0.2423 KG/M**3 RUN = 4041

MACH = 3.00 PO = 298.7 KPA TO = 304.8 K
ALPHA= 2.10 Z/D= 5.56 PHI= 190.
RPM= 20000. PW = 7.23 KPA REL=7401997.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3742
0.0405	0.9669	0.7588	1.1710	0.5645	0.4545
0.0581	0.9701	0.7305	1.2807	0.6057	0.4722
0.0980	0.9746	0.6892	1.4388	0.6610	0.5005
0.1449	0.9774	0.6612	1.5464	0.6957	0.5218
0.1876	0.9793	0.6386	1.6333	0.7222	0.5402
0.2362	0.9811	0.6174	1.7163	0.7462	0.5587
0.2732	0.9826	0.6022	1.7771	0.7630	0.5729
0.3211	0.9842	0.5826	1.8565	0.7840	0.5922
0.3613	0.9856	0.5656	1.9268	0.8018	0.6100
0.4058	0.9871	0.5491	1.9970	0.8187	0.6285
0.4548	0.9885	0.5305	2.0777	0.8372	0.6505
0.5055	0.9899	0.5114	2.1630	0.8557	0.6748
0.5447	0.9910	0.4967	2.2304	0.8697	0.6947
0.5966	0.9923	0.4781	2.3189	0.8871	0.7218
0.6415	0.9935	0.4636	2.3907	0.9004	0.7445
0.6880	0.9947	0.4480	2.4702	0.9145	0.7706
0.7402	0.9958	0.4324	2.5521	0.9283	0.7983
0.7826	0.9967	0.4189	2.6262	0.9402	0.8241
0.8337	0.9976	0.4050	2.7046	0.9521	0.8523
0.8791	0.9984	0.3927	2.7768	0.9626	0.8790
0.9231	0.9989	0.3811	2.8470	0.9723	0.9056
0.9744	0.9998	0.3710	2.9110	0.9808	0.9305
1.0201	1.0005	0.3619	2.9705	0.9883	0.9541
1.0674	1.0011	0.3554	3.0140	0.9937	0.9717
1.1178	1.0014	0.3505	3.0471	0.9977	0.9853
1.1625	1.0015	0.3482	3.0627	0.9995	0.9917
1.2103	1.0014	0.3468	3.0724	1.0007	0.9957
1.2553	1.0017	0.3464	3.0758	1.0011	0.9971
1.3074	1.0017	0.3460	3.0779	1.0013	0.9980
1.4097	1.0019	0.3460	3.0785	1.0014	0.9982
1.5010	1.0019	0.3460	3.0788	1.0014	0.9984
1.5990	1.0019	0.3459	3.0791	1.0014	0.9985
1.8401	1.0022	0.3461	3.0791	1.0014	0.9985
2.0831	1.0022	0.3461	3.0791	1.0014	0.9985
2.3192	1.0022	0.3462	3.0782	1.0013	0.9981
2.5437	1.0024	0.3463	3.0779	1.0013	0.9980

DEL = 0.4556 DELU= .0807 DEL*= .1909 CM
THETA= .03412 H = 5.594 UE = 632.4 M/SEC
RHOE= 0.2407 KG/M**3 RUN = 4042

MACH = 3.00 PO = 298.8 KPA TO = 307.2 K
ALPHA= 2.10 Z/D= 5.56 PHI= 210.
RPM= 0. PW = 7.23 KPA REL=7594160.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3745
0.0189	0.9549	0.8420	0.8188	0.4158	0.4099
0.0345	0.9602	0.8064	0.9766	0.4854	0.4279
0.0596	0.9677	0.7505	1.2029	0.5766	0.4599
0.0828	0.9713	0.7177	1.3293	0.6232	0.4810
0.1014	0.9731	0.7003	1.3956	0.6463	0.4929
0.1215	0.9745	0.6843	1.4560	0.6666	0.5043
0.1517	0.9767	0.6650	1.5311	0.6909	0.5192
0.1907	0.9788	0.6419	1.6200	0.7182	0.5378
0.2198	0.9802	0.6286	1.6723	0.7336	0.5493
0.2650	0.9817	0.6086	1.7509	0.7558	0.5673
0.3209	0.9835	0.5852	1.8447	0.7810	0.5899
0.3735	0.9858	0.5626	1.9352	0.8038	0.6128
0.4215	0.9869	0.5446	2.0152	0.8229	0.6340
0.4762	0.9886	0.5242	2.1045	0.8431	0.6586
0.5262	0.9900	0.5049	2.1918	0.8617	0.6839
0.5732	0.9915	0.4874	2.2739	0.8783	0.7085
0.6234	0.9929	0.4697	2.3599	0.8947	0.7354
0.6753	0.9936	0.4533	2.4412	0.9094	0.7617
0.7272	0.9955	0.4375	2.5254	0.9239	0.7899
0.7807	0.9961	0.4221	2.6073	0.9372	0.8182
0.8266	0.9972	0.4078	2.6883	0.9496	0.8472
0.8804	0.9977	0.3950	2.7623	0.9605	0.8744
0.9313	0.9990	0.3809	2.8484	0.9724	0.9070
0.9792	0.9997	0.3698	2.9183	0.9817	0.9342
1.0366	1.0007	0.3595	2.9866	0.9903	0.9615
1.0849	1.0011	0.3530	3.0300	0.9956	0.9792
1.1317	1.0011	0.3492	3.0552	0.9986	0.9895
1.1877	1.0016	0.3475	3.0677	1.0001	0.9947
1.2468	1.0016	0.3466	3.0742	1.0008	0.9974
1.3010	1.0013	0.3461	3.0766	1.0011	0.9984
1.3549	1.0019	0.3462	3.0772	1.0012	0.9986
1.5125	1.0017	0.3459	3.0787	1.0014	0.9993
1.7626	1.0017	0.3458	3.0796	1.0015	0.9997
2.0223	1.0017	0.3460	3.0784	1.0013	0.9991
2.2812	1.0018	0.3462	3.0775	1.0012	0.9988
2.5186	1.0016	0.3462	3.0766	1.0011	0.9984
2.7367	1.0021	0.3451	3.0851	1.0021	1.0019

DEL = 0.4235 DELL= .0764 DEL*= .1794 CM
THETA= .03223 H = 5.566 UE = 634.7 M/SEC
RHOE= 0.2381 KG/M**3 RUN = 1012

MACH = 3.00 PO = 298.9 KPA TO = 307.8 K
ALPHA= 2.10 Z/D= 5.56 PHI= 210.
RPM= 20000. PW = 7.23 KPA REL=7563051.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3747
0.0561	0.9670	0.7544	1.1872	0.5704	0.4577
0.0770	0.9707	0.7249	1.3020	0.6131	0.4765
0.0938	0.9722	0.7088	1.3631	0.6347	0.4872
0.1247	0.9745	0.6876	1.4444	0.6624	0.5023
0.1473	0.9761	0.6715	1.5060	0.6825	0.5144
0.1870	0.9780	0.6507	1.5860	0.7075	0.5309
0.2226	0.9793	0.6360	1.6429	0.7246	0.5431
0.2670	0.9810	0.6147	1.7262	0.7485	0.5613
0.3146	0.9831	0.5945	1.8075	0.7707	0.5811
0.3647	0.9843	0.5748	1.8875	0.7915	0.6008
0.4091	0.9863	0.5562	1.9663	0.8109	0.6212
0.4609	0.9879	0.5359	2.0535	0.8312	0.6448
0.5099	0.9891	0.5170	2.1366	0.8496	0.6682
0.5620	0.9905	0.4975	2.2260	0.8683	0.6944
0.6157	0.9918	0.4772	2.3222	0.8872	0.7239
0.6636	0.9931	0.4609	2.4028	0.9021	0.7495
0.7130	0.9942	0.4447	2.4857	0.9167	0.7769
0.7654	0.9955	0.4285	2.5723	0.9310	0.8064
0.8120	0.9961	0.4136	2.6537	0.9438	0.8351
0.8647	0.9971	0.3978	2.7445	0.9574	0.8682
0.9161	0.9983	0.3844	2.8260	0.9688	0.8989
0.9646	0.9995	0.3724	2.9017	0.9789	0.9282
1.0148	0.9994	0.3620	2.9673	0.9873	0.9543
1.0637	1.0005	0.3554	3.0127	0.9929	0.9726
1.1157	1.0001	0.3504	3.0449	0.9960	0.9858
1.1644	1.0010	0.3482	3.0617	0.9988	0.9927
1.2209	1.0009	0.3467	3.0717	1.0000	0.9969
1.2740	1.0005	0.3460	3.0754	1.0004	0.9984
1.3222	1.0007	0.3459	3.0766	1.0006	0.9989
1.4829	1.0009	0.3457	3.0784	1.0008	0.9997
1.7312	1.0011	0.3458	3.0781	1.0007	0.9996
1.9828	1.0004	0.3455	3.0784	1.0008	0.9997
2.2307	1.0008	0.3458	3.0772	1.0006	0.9991
2.4693	1.0009	0.3459	3.0772	1.0006	0.9992
2.7001	1.0011	0.3460	3.0769	1.0006	0.9990

DEL = 0.4320 DELL= .0816 DEL*= .1862 CM
THETA= .03285 H = 5.669 UE = 635.7 M/SEC
RHOE= 0.2378 KG/M**3 RUN = 1013

MACH = 3.00 PO = 298.3 KPA TO = 308.6 K
ALPHA= 2.10 Z/D= 5.56 PHI= 240.
RPM= 0. PW = 7.14 KPA REL=7529008.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3728
0.0232	0.9556	0.8367	0.8430	0.4264	0.4105
0.0351	0.9620	0.7949	1.0250	0.5053	0.4321
0.0931	0.9729	0.7012	1.3920	0.6445	0.4899
0.1343	0.9765	0.6684	1.5180	0.6861	0.5141
0.1774	0.9783	0.6443	1.6098	0.7145	0.5332
0.2120	0.9803	0.6261	1.6819	0.7356	0.5489
0.2765	0.9821	0.6006	1.7822	0.7637	0.5720
0.3309	0.9839	0.5789	1.8705	0.7869	0.5935
0.3972	0.9865	0.5530	1.9799	0.8139	0.6216
0.4457	0.9880	0.5312	2.0737	0.8355	0.6470
0.5196	0.9897	0.5082	2.1764	0.8578	0.6762
0.5738	0.9914	0.4872	2.2745	0.8777	0.7054
0.6300	0.9930	0.4667	2.3744	0.8966	0.7366
0.6971	0.9947	0.4452	2.4843	0.9161	0.7724
0.7589	0.9960	0.4253	2.5903	0.9336	0.8085
0.8136	0.9969	0.4086	2.6830	0.9480	0.8413
0.8701	0.9983	0.3930	2.7750	0.9614	0.8750
0.9356	0.9991	0.3767	2.8744	0.9750	0.9128
0.9944	1.0004	0.3658	2.9452	0.9842	0.9405
1.0551	1.0009	0.3567	3.0054	0.9917	0.9646
1.1178	1.0009	0.3508	3.0440	0.9964	0.9803
1.1863	1.0015	0.3477	3.0666	0.9991	0.9896
1.2383	1.0016	0.3464	3.0749	1.0000	0.9930
1.3072	1.0014	0.3457	3.0795	1.0006	0.9949
1.3604	1.0018	0.3455	3.0816	1.0008	0.9958
1.4370	1.0018	0.3454	3.0825	1.0009	0.9962
1.5583	1.0018	0.3453	3.0834	1.0010	0.9966
1.7444	1.0020	0.3454	3.0831	1.0010	0.9964
2.0513	1.0022	0.3453	3.0844	1.0011	0.9970
2.3675	1.0020	0.3451	3.0849	1.0012	0.9972
2.6724	1.0020	0.3451	3.0853	1.0012	0.9973
2.9622	1.0022	0.3451	3.0853	1.0012	0.9973
3.2410	1.0025	0.3452	3.0856	1.0013	0.9975

DEL = 0.3551 DELL= .0633 DEL*= .1498 CM
THETA= .02673 H = 5.603 UE = 636.7 M/SEC
RHOE= 0.2359 KG/M**3 RUN = 1020

MACH = 3.00 PO = 298.4 KPA TO = 308.8 K
ALPHA= 2.10 Z/D= 5.56 PHI= 240.
RPM= 20000. PW = 7.15 KPA REL=7508272.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3731
0.0559	0.9669	0.7536	1.1897	0.5704	0.4560
0.0883	0.9712	0.7130	1.3458	0.6277	0.4820
0.1176	0.9742	0.6835	1.4584	0.6660	0.5028
0.1519	0.9763	0.6612	1.5439	0.6934	0.5197
0.1963	0.9789	0.6355	1.6436	0.7237	0.5408
0.2359	0.9803	0.6167	1.7171	0.7448	0.5572
0.2790	0.9822	0.5992	1.7876	0.7642	0.5737
0.3190	0.9831	0.5834	1.8507	0.7808	0.5890
0.3769	0.9853	0.5606	1.9460	0.8047	0.6121
0.4298	0.9865	0.5400	2.0332	0.8253	0.6363
0.4913	0.9886	0.5172	2.1347	0.8479	0.6646
0.5428	0.9901	0.4969	2.2276	0.8672	0.6918
0.5977	0.9917	0.4764	2.3254	0.8864	0.7216
0.6328	0.9931	0.4590	2.4121	0.9023	0.7492
0.7132	0.9942	0.4373	2.5235	0.9216	0.7861
0.7720	0.9954	0.4202	2.6162	0.9366	0.8181
0.8308	0.9969	0.4026	2.7169	0.9519	0.8542
0.8897	0.9977	0.3871	2.8085	0.9649	0.8882
0.9436	0.9985	0.3741	2.8890	0.9758	0.9191
0.9976	0.9994	0.3634	2.9583	0.9847	0.9464
1.0536	0.9999	0.3549	3.0142	0.9916	0.9688
1.1203	1.0000	0.3493	3.0524	0.9961	0.9844
1.1767	1.0004	0.3467	3.0706	0.9983	0.9919
1.2403	1.0007	0.3454	3.0798	0.9994	0.9957
1.3020	1.0005	0.3449	3.0832	0.9998	0.9971
1.3635	1.0003	0.3445	3.0850	1.0000	0.9979
1.4840	1.0005	0.3444	3.0862	1.0001	0.9984
1.6552	1.0005	0.3443	3.0868	1.0002	0.9986
1.9454	1.0007	0.3442	3.0884	1.0004	0.9993
2.2464	1.0005	0.3441	3.0884	1.0004	0.9993
2.5324	1.0006	0.3440	3.0890	1.0004	0.9995
2.8075	1.0005	0.3441	3.0884	1.0004	0.9993
3.0690	1.0007	0.3441	3.0890	1.0004	0.9995

DEL = 0.3742 DELL= .0688 DEL*= .1584 CM
THETA= .02788 H = 5.680 UE = 637.7 M/SEC
RHOE= 0.2357 KG/M**3 RUN = 1021

MACH = 3.00 PO = 298.2 KPA TO = 308.2 K
ALPHA= 2.10 Z/D= 5.56 PHI= 270.
RPM= 0. PW = 7.10 KPA REL=7546934.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9208	0.9208	0.0000	0.0000	0.3695
0.0222	0.9562	0.8337	0.8568	0.4320	0.4083
0.0356	0.9615	0.7962	1.0190	0.5022	0.4274
0.0739	0.9713	0.7143	1.3412	0.6260	0.4764
0.1008	0.9751	0.6789	1.4770	0.6720	0.5014
0.1336	0.9778	0.6496	1.5896	0.7075	0.5240
0.1666	0.9802	0.6252	1.6851	0.7357	0.5446
0.2171	0.9825	0.5977	1.7941	0.7659	0.5696
0.2660	0.9840	0.5771	1.8776	0.7877	0.5898
0.3135	0.9859	0.5591	1.9537	0.8066	0.6091
0.3676	0.9874	0.5397	2.0363	0.8260	0.6309
0.4158	0.9889	0.5220	2.1149	0.8435	0.6525
0.4620	0.9904	0.5043	2.1951	0.8605	0.6754
0.5144	0.9918	0.4865	2.2789	0.8774	0.7003
0.5668	0.9931	0.4690	2.3635	0.8935	0.7263
0.6336	0.9947	0.4485	2.4677	0.9121	0.7598
0.7025	0.9962	0.4292	2.5702	0.9292	0.7941
0.7695	0.9973	0.4114	2.6684	0.9446	0.8284
0.8265	0.9986	0.3982	2.7454	0.9560	0.8561
0.9017	0.9996	0.3813	2.8477	0.9702	0.8942
0.9670	1.0008	0.3687	2.9276	0.9807	0.9249
1.0386	1.0016	0.3582	2.9971	0.9894	0.9524
1.1204	1.0017	0.3506	3.0475	0.9955	0.9727
1.1702	1.0022	0.3470	3.0728	0.9985	0.9830
1.2404	1.0025	0.3449	3.0876	1.0002	0.9891
1.3109	1.0027	0.3440	3.0944	1.0010	0.9919
1.5202	1.0029	0.3433	3.0993	1.0016	0.9939
1.8719	1.0033	0.3432	3.1008	1.0018	0.9946
2.2219	1.0035	0.3429	3.1039	1.0021	0.9958
2.5613	1.0035	0.3428	3.1042	1.0021	0.9960
2.9018	1.0036	0.3430	3.1036	1.0021	0.9957
3.2197	1.0042	0.3431	3.1042	1.0021	0.9960

DEL = 0.3181 DELL= .0520 DEL*= .1273 CM
THETA= .02253 H = 5.651 UE = 637.2 M/SEC
RHOE= 0.2352 KG/M**3 RUN = 1048

MACH = 3.00 PO = 298.2 KPA TO = 310.6 K
ALPHA= 2.10 Z/D= 5.56 PHI= 300.
RPM= 0. PW = 7.26 KPA REL=7436654.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3740
0.0287	0.9578	0.8233	0.9035	0.4530	0.4185
0.0506	0.9646	0.7721	1.1166	0.5422	0.4462
0.0659	0.9696	0.7286	1.2855	0.6065	0.4727
0.0900	0.9740	0.6865	1.4470	0.6626	0.5018
0.1232	0.9775	0.6517	1.5809	0.7053	0.5287
0.1517	0.9795	0.6284	1.6715	0.7322	0.5483
0.2270	0.9828	0.5875	1.8343	0.7770	0.5964
0.3025	0.9851	0.5607	1.9455	0.8051	0.6145
0.3771	0.9873	0.5346	2.0575	0.8313	0.6446
0.4656	0.9894	0.5062	2.1846	0.8589	0.6808
0.5327	0.9914	0.4813	2.3022	0.8824	0.7162
0.6115	0.9929	0.4544	2.4340	0.9068	0.7562
0.6951	0.9951	0.4269	2.5799	0.9313	0.8074
0.7603	0.9961	0.4069	2.6910	0.9485	0.8469
0.8467	0.9975	0.3884	2.8002	0.9643	0.8873
0.9286	0.9986	0.3738	2.8911	0.9766	0.9222
0.9942	0.9990	0.3642	2.9521	0.9844	0.9463
1.0764	0.9995	0.3558	3.0079	0.9914	0.9687
1.1492	0.9998	0.3506	3.0426	0.9956	0.9829
1.2269	1.0002	0.3479	3.0618	0.9978	0.9908
1.3878	1.0003	0.3462	3.0736	0.9992	0.9957
1.5497	1.0003	0.3457	3.0770	0.9996	0.9971
1.7055	1.0003	0.3457	3.0773	0.9996	0.9972
1.8680	1.0003	0.3456	3.0776	0.9997	0.9973
2.2763	1.0003	0.3452	3.0803	1.0000	0.9985
2.6798	1.0004	0.3451	3.0815	1.0001	0.9990
3.0625	1.0004	0.3449	3.0824	1.0002	0.9993
3.4673	1.0004	0.3450	3.0815	1.0001	0.9990
3.8362	1.0004	0.3450	3.0821	1.0002	0.9992
4.2018	1.0005	0.3449	3.0830	1.0003	0.9994

DEL = 0.2755 DELL= .0447 DEL*= .1071 CM
THETA= .01940 H = 5.521 UE = 639.2 M/SEC
RHOE= 0.2369 KG/M**3 RUN = 1041

MACH = 3.00 PO = 298.1 KPA TO = 310.7 K
ALPHA= 2.10 Z/D= 5.56 PHI= 300.
RPM= 20000. PW = 7.26 KPA REL=7427565.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3741
0.1418	0.9792	0.6340	1.6500	0.7257	0.5438
0.1548	0.9804	0.6222	1.6965	0.7392	0.5542
0.1938	0.9823	0.6035	1.7830	0.7632	0.5743
0.2285	0.9835	0.5851	1.8452	0.7796	0.5894
0.2477	0.9845	0.5681	1.9144	0.7972	0.6068
0.3006	0.9857	0.5582	1.9570	0.8076	0.6178
0.3335	0.9865	0.5454	2.0107	0.8203	0.6321
0.3709	0.9875	0.5328	2.0657	0.8329	0.6471
0.4084	0.9884	0.5204	2.1205	0.8450	0.6625
0.4552	0.9893	0.5056	2.1872	0.8592	0.6818
0.4891	0.9906	0.4929	2.2467	0.8713	0.6996
0.5140	0.9909	0.4856	2.2810	0.8780	0.7100
0.5979	0.9928	0.4590	2.4114	0.9024	0.7511
0.6683	0.9943	0.4391	2.5143	0.9203	0.7853
0.7502	0.9957	0.4152	2.6437	0.9411	0.8303
0.8278	0.9969	0.3975	2.7455	0.9562	0.8672
0.9010	0.9981	0.3802	2.8506	0.9709	0.9069
0.9675	0.9988	0.3676	2.9300	0.9813	0.9375
1.0525	0.9994	0.3570	2.9998	0.9901	0.9659
1.1305	1.0000	0.3509	3.0411	0.9951	0.9827
1.2088	1.0002	0.3478	3.0621	0.9975	0.9913
1.2874	1.0001	0.3465	3.0712	0.9986	0.9951
1.3522	1.0003	0.3461	3.0743	0.9990	0.9964
1.5059	1.0003	0.3456	3.0776	0.9994	0.9977
1.6748	1.0003	0.3454	3.0788	0.9995	0.9982
1.8192	1.0001	0.3453	3.0791	0.9995	0.9984
2.2186	1.0002	0.3451	3.0809	0.9998	0.9991
2.6119	1.0000	0.3450	3.0812	0.9998	0.9993
2.9991	1.0003	0.3450	3.0821	0.9999	0.9996
3.3879	1.0003	0.3450	3.0821	0.9999	0.9996
3.7573	1.0003	0.3449	3.0827	1.0000	0.9999
4.1042	1.0000	0.3447	3.0830	1.0000	1.0000

DEL = 0.2818 DELL= .0498 DEL*= .1113 CM
THETA= .01887 H = 5.898 UE = 639.5 M/SEC
RHOE= 0.2369 KG/M**3 RUN = 1042

MACH = 3.00 PO = 297.8 KPA TO = 310.2 K
ALPHA= 2.10 Z/D= 5.56 PHI= 330.
RPM= 0. PW = 7.53 KPA REL=7448041.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9221	0.9221	0.0000	0.0000	0.3805
0.0304	0.9590	0.8208	0.9177	0.4618	0.4275
0.0668	0.9653	0.7743	1.1106	0.5428	0.4533
0.1171	0.9768	0.6665	1.5258	0.6919	0.5265
0.1515	0.9797	0.6390	1.6327	0.7248	0.5493
0.2113	0.9831	0.5964	1.8006	0.7723	0.5884
0.2646	0.9851	0.5739	1.8928	0.7963	0.6116
0.3274	0.9868	0.5507	1.9899	0.8202	0.6373
0.3835	0.9886	0.5288	2.0851	0.8421	0.6638
0.4399	0.9896	0.5135	2.1529	0.8569	0.6834
0.4897	0.9914	0.4905	2.2599	0.8789	0.7157
0.5523	0.9926	0.4730	2.3435	0.8951	0.7420
0.6222	0.9943	0.4513	2.4528	0.9150	0.7779
0.6827	0.9954	0.4319	2.5542	0.9322	0.8127
0.7359	0.9966	0.4169	2.6367	0.9454	0.8421
0.8087	0.9978	0.4011	2.7271	0.9591	0.8754
0.8889	0.9986	0.3860	2.8171	0.9719	0.9096
0.9620	0.9994	0.3761	2.8783	0.9802	0.9335
1.0377	0.9999	0.3640	2.9556	0.9902	0.9645
1.1282	1.0005	0.3576	2.9984	0.9956	0.9820
1.2039	1.0007	0.3547	3.0174	0.9979	0.9898
1.2774	1.0010	0.3532	3.0280	0.9992	0.9943
1.4647	1.0010	0.3521	3.0357	1.0001	0.9975
1.7082	1.0009	0.3519	3.0369	1.0003	0.9979
1.9575	1.0012	0.3520	3.0369	1.0003	0.9979
2.3877	1.0007	0.3515	3.0289	1.0005	0.9988
2.7807	1.0011	0.3516	3.0389	1.0005	0.9988
3.2064	1.0011	0.3515	3.0395	1.0006	0.9990
3.6012	1.0011	0.3516	3.0389	1.0005	0.9988
4.0000	1.0011	0.3516	3.0392	1.0005	0.9989
4.3809	1.0011	0.3515	3.0398	1.0006	0.9992

DEL = 0.2646 DELL= .0429 DEL*= .1007 CM
THETA= .01844 H = 5.458 UE = 635.6 M/SEC
RHOE= 0.2424 KG/M**3 RUN = 1031

MACH = 3.00 PO = 298.0 KPA TO = 310.3 K
ALPHA= 2.10 Z/D= 5.56 PHI= 330.
RPM= 20000. PW = 7.53 KPA REL=7438047.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9221	0.9221	0.0000	0.0000	0.3807
0.0911	0.9726	1.3760	0.6418	0.4976	
0.1296	0.9778	0.6514	1.5827	0.7094	0.5389
0.1660	0.9805	0.6209	1.7016	0.7446	0.5653
0.2094	0.9829	0.5919	1.8175	0.7765	0.5931
0.2506	0.9845	0.5752	1.8860	0.7942	0.6103
0.2851	0.9852	0.5609	1.9450	0.8089	0.6258
0.3220	0.9862	0.5504	1.9899	0.8198	0.6378
0.3799	0.9876	0.5303	2.0764	0.8397	0.6618
0.4358	0.9890	0.5137	2.1508	0.8560	0.6833
0.4898	0.9904	0.4935	2.2437	0.8753	0.7113
0.5495	0.9919	0.4752	2.3318	0.8925	0.7389
0.6116	0.9930	0.4587	2.4134	0.9076	0.7654
0.6738	0.9943	0.4409	2.5049	0.9235	0.7963
0.7338	0.9953	0.4252	2.5893	0.9375	0.8257
0.7915	0.9964	0.4114	2.6663	0.9495	0.8535
0.8805	0.9977	0.3910	2.7852	0.9669	0.8980
0.9553	0.9984	0.3763	2.8755	0.9793	0.9331
1.0351	0.9992	0.3647	2.9494	0.9890	0.9627
1.1175	0.9998	0.3579	2.9948	0.9946	0.9813
1.1999	0.9998	0.3543	3.0180	0.9975	0.9909
1.2727	0.9997	0.3527	3.0283	0.9987	0.9951
1.3653	1.0001	0.3520	3.0339	0.9994	0.9975
1.4411	1.0001	0.3518	3.0354	0.9996	0.9981
1.7020	1.0002	0.3516	3.0372	0.9998	0.9988
1.9491	1.0000	0.3514	3.0380	0.9999	0.9992
2.3652	1.0002	0.3512	3.0398	1.0001	0.9999
2.7642	1.0002	0.3511	3.0401	1.0002	1.0001
3.1637	1.0002	0.3512	3.0398	1.0001	0.9999
3.5769	1.0000	0.3511	3.0398	1.0001	0.9999
3.9624	1.0000	0.3512	3.0392	1.0001	0.9997
4.3418	1.0002	0.3512	3.0398	1.0001	0.9999

DEL = 0.2671 DELL= .0453 DEL*= .1032 CM
THETA= .01837 H = 5.619 UE = 635.9 M/SEC
RHOE= 0.2422 KG/M**3 RUN = 1032

MACH = 3.00 PO = 297.8 KPA TO = 313.5 K
ALPHA= 4.20 Z/D= 5.56 PHI= 0.
RPM= 0. PW = 8.01 KPA REL=7397655.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9230	0.9230	0.0000	0.0000	0.3880
0.0415	0.9620	0.8044	0.9898	0.4975	0.4452
0.0816	0.9661	0.7765	1.1049	0.5455	0.4614
0.1075	0.9731	0.7177	1.3339	0.6330	0.4954
0.1623	0.9803	0.6463	1.6377	0.7238	0.5547
0.1710	0.9824	0.6274	1.6820	0.7460	0.5716
0.2315	0.9860	0.5855	1.8495	0.7924	0.6127
0.2784	0.9879	0.5611	1.9501	0.8179	0.6392
0.3485	0.9901	0.5346	2.0639	0.8449	0.6710
0.4337	0.9918	0.5148	2.1522	0.8645	0.6970
0.5105	0.9933	0.4956	2.2408	0.8831	0.7241
0.5702	0.9948	0.4777	2.3264	0.9000	0.7514
0.6519	0.9960	0.4598	2.4147	0.9165	0.7807
0.7429	0.9977	0.4375	2.5304	0.9367	0.8207
0.8462	0.9994	0.4111	2.6747	0.9599	0.8732
0.9437	1.0010	0.3887	2.8063	0.9792	0.9237
1.0628	1.0020	0.3756	2.8879	0.9904	0.9563
1.1546	1.0023	0.3703	2.9213	0.9948	0.9699
1.2559	1.0028	0.3656	2.9522	0.9988	0.9826
1.3666	1.0028	0.3623	2.9735	1.0015	0.9914
1.4679	1.0031	0.3613	2.9803	1.0023	0.9942
1.5696	1.0031	0.3610	2.9822	1.0026	0.9951
1.6654	1.0031	0.3608	2.9834	1.0027	0.9956
1.8673	1.0035	0.3609	2.9839	1.0028	0.9958
2.1426	1.0038	0.3609	2.9845	1.0028	0.9960
2.4055	1.0035	0.3608	2.9845	1.0028	0.9960
2.6803	1.0040	0.3610	2.9845	1.0028	0.9960
2.9463	1.0042	0.3611	2.9842	1.0028	0.9959
3.4527	1.0039	0.3625	2.9741	1.0015	0.9917
3.9721	1.0041	0.3621	2.9774	1.0019	0.9931
4.4748	1.0041	0.3620	2.9780	1.0020	0.9934
4.9733	1.0041	0.3618	2.9794	1.0022	0.9939
5.4440	1.0050	0.3619	2.9808	1.0024	0.9945

DEL = 0.2105 DELU= .0347 DEL*= .0808 CM
THETA= .01480 H = 5.463 UE = 633.3 M/SEC
RHOE= 0.2497 KG/M**3 RUN = 1009

MACH = 3.00 PO = 298.9 KPA TO = 311.8 K
ALPHA= 4.20 Z/D= 5.56 PHI= 0.
RPM= 20000. PW = 8.02 KPA REL=7436309.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9229	0.9229	0.0000	0.0000	0.3870
0.1422	0.9795	0.6466	1.6042	0.7215	0.5525
0.1677	0.9815	0.6235	1.6944	0.7483	0.5731
0.1989	0.9845	0.5914	1.8230	0.7840	0.6043
0.2473	0.9865	0.5637	1.9366	0.8132	0.6339
0.2873	0.9881	0.5486	2.0013	0.8289	0.6516
0.3417	0.9895	0.5321	2.0732	0.8455	0.6720
0.4253	0.9910	0.5088	2.1769	0.8683	0.7026
0.4919	0.9927	0.4899	2.2656	0.8865	0.7300
0.5649	0.9938	0.4716	2.3530	0.9035	0.7581
0.6362	0.9953	0.4504	2.4596	0.9229	0.7939
0.7045	0.9965	0.4347	2.5418	0.9370	0.8226
0.7939	0.9979	0.4162	2.6438	0.9534	0.8595
0.8715	0.9989	0.4013	2.7284	0.9662	0.8912
0.9282	0.9999	0.3901	2.7959	0.9760	0.9172
1.0330	1.0005	0.3751	2.8872	0.9885	0.9535
1.1351	1.0012	0.3664	2.9434	0.9959	0.9764
1.2313	1.0015	0.3620	2.9723	0.9996	0.9883
1.3368	1.0018	0.3603	2.9838	1.0010	0.9931
1.4362	1.0020	0.3597	2.9883	1.0016	0.9950
1.5359	1.0020	0.3593	2.9906	1.0018	0.9960
1.6450	1.0020	0.3592	2.9914	1.0019	0.9963
1.8308	1.0020	0.3592	2.9917	1.0020	0.9964
2.0391	1.0022	0.3592	2.9920	1.0020	0.9965
2.2512	1.0026	0.3591	2.9931	1.0022	0.9970
2.4590	1.0029	0.3593	2.9931	1.0021	0.9970
2.6778	1.0033	0.3593	2.9936	1.0022	0.9973
2.8887	1.0033	0.3592	2.9945	1.0023	0.9976
3.3730	1.0033	0.3610	2.9830	1.0009	0.9928
3.9037	1.0035	0.3608	2.9844	1.0010	0.9934
4.3991	1.0035	0.3604	2.9869	1.0014	0.9945
4.8798	1.0036	0.3600	2.9897	1.0017	0.9957
5.3564	1.0038	0.3599	2.9906	1.0018	0.9960

DEL = 0.2147 DELU= .0362 DEL*= .0803 CM
THETA= .01384 H = 5.802 UE = 632.8 M/SEC
RHOE= 0.2519 KG/M**3 RUN = 1010

MACH = 3.00 PO = 299.0 KPA TO = 307.2 K
ALPHA= 4.20 Z/D= 5.56 PHI= 30.
RPM= 0. PW = 7.73 KPA REL=7568301.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9224	0.9224	0.0000	0.0000	0.3831
0.0344	0.9603	0.8117	0.9565	0.4803	0.4353
0.0505	0.9635	0.7935	1.0336	0.5131	0.4454
0.0639	0.9697	0.7380	1.2527	0.5997	0.4789
0.1178	0.9777	0.6617	1.5454	0.7004	0.5343
0.1638	0.9821	0.6100	1.7464	0.7600	0.5795
0.2180	0.9850	0.5764	1.8828	0.7964	0.6134
0.2562	0.9871	0.5552	1.9719	0.8185	0.6370
0.3054	0.9880	0.5399	2.0370	0.8339	0.6549
0.3465	0.9888	0.5269	2.0938	0.8468	0.6710
0.3933	0.9903	0.5115	2.1633	0.8619	0.6914
0.4319	0.9913	0.4985	2.2230	0.8743	0.7094
0.4762	0.9926	0.4846	2.2894	0.8876	0.7301
0.5262	0.9933	0.4722	2.3488	0.8990	0.7491
0.6016	0.9949	0.4509	2.4563	0.9186	0.7847
0.6661	0.9963	0.4329	2.5508	0.9347	0.8174
0.7397	0.9973	0.4188	2.6277	0.9471	0.8449
0.8030	0.9983	0.4052	2.7051	0.9589	0.8734
0.9154	0.9995	0.3862	2.8176	0.9751	0.9163
1.0108	1.0004	0.3731	2.8994	0.9862	0.9486
1.0977	1.0010	0.3651	2.9509	0.9929	0.9695
1.2022	1.0011	0.3605	2.9809	0.9966	0.9818
1.2895	1.0013	0.3585	2.9942	0.9983	0.9873
1.3944	1.0015	0.3575	3.0009	0.9991	0.9901
1.4967	1.0021	0.3573	3.0035	0.9994	0.9912
1.5930	1.0019	0.3571	3.0047	0.9996	0.9917
1.6838	1.0017	0.3568	3.0064	0.9998	0.9924
1.7837	1.0019	0.3567	3.0073	0.9999	0.9927
1.9875	1.0021	0.3567	3.0076	0.9999	0.9929
2.4873	1.0021	0.3563	3.0105	1.0003	0.9941
2.9952	1.0020	0.3556	3.0148	1.0008	0.9959
3.4824	1.0021	0.3560	3.0128	1.0006	0.9950
3.9762	1.0023	0.3568	3.0073	0.9999	0.9928
4.4537	1.0025	0.3562	3.0122	1.0005	0.9948
4.9299	1.0021	0.3557	3.0145	1.0008	0.9958
5.3743	1.0025	0.3555	3.0166	1.0010	0.9966

DEL = 0.2215 DELL= .0332 DEL*= .0801 CM
THETA= .01483 H = 5.399 UE = 631.0 M/SEC
RHOE= 0.2487 KG/M**3 RUN = 1018

MACH = 3.00 PO = 298.3 KPA TO = 308.3 K
ALPHA= 4.20 Z/D= 5.56 PHI= 30.
RPM= 20000. PW = 7.72 KPA REL=7527069.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9225	0.9225	0.0000	0.0000	0.3838
0.1232	0.9777	0.6534	1.5753	0.7091	0.5417
0.1417	0.9794	0.6371	1.6388	0.7283	0.5554
0.1656	0.9818	0.6090	1.7495	0.7602	0.5811
0.2134	0.9849	0.5758	1.8846	0.7961	0.6150
0.2588	0.9863	0.5552	1.9699	0.8173	0.6376
0.3016	0.9875	0.5390	2.0398	0.8338	0.6569
0.3392	0.9886	0.5271	2.0921	0.8456	0.6718
0.3850	0.9896	0.5140	2.1509	0.8584	0.6890
0.4282	0.9905	0.5006	2.2123	0.8713	0.7074
0.5042	0.9923	0.4788	2.3157	0.8919	0.7398
0.5697	0.9936	0.4598	2.4094	0.9094	0.7704
0.6355	0.9946	0.4415	2.5026	0.9258	0.8020
0.7017	0.9958	0.4262	2.5852	0.9394	0.8311
0.7748	0.9970	0.4110	2.6701	0.9528	0.8619
0.8424	0.9978	0.3958	2.7578	0.9658	0.8949
0.9159	0.9987	0.3846	2.8255	0.9753	0.9211
0.9894	0.9991	0.3742	2.8898	0.9840	0.9466
1.0716	0.9997	0.3659	2.9431	0.9909	0.9681
1.1597	1.0000	0.3610	2.9749	0.9950	0.9811
1.2707	1.0002	0.3580	2.9945	0.9974	0.9892
1.3649	1.0004	0.3571	3.0015	0.9983	0.9921
1.4622	1.0006	0.3566	3.0052	0.9987	0.9937
1.5593	1.0006	0.3563	3.0073	0.9990	0.9946
1.6482	1.0006	0.3562	3.0076	0.9990	0.9947
1.7460	1.0006	0.3561	3.0081	0.9991	0.9949
1.9338	1.0005	0.3558	3.0099	0.9993	0.9956
2.4257	1.0009	0.3554	3.0134	0.9997	0.9971
2.9231	1.0007	0.3550	3.0157	1.0000	0.9981
3.4001	1.0008	0.3555	3.0128	0.9997	0.9969
3.8862	1.0010	0.3562	3.0087	0.9992	0.9952
4.3595	1.0008	0.3555	3.0125	0.9996	0.9968
4.8176	1.0007	0.3550	3.0157	1.0000	0.9981
5.2606	1.0007	0.3548	3.0168	1.0001	0.9986

DEL = 0.2263 DELL= .0366 DEL*= .0824 CM
THETA= .01452 H = 5.677 UE = 632.0 M/SEC
RHOE= 0.2476 KG/M**3 RUN = 1019

MACH = 3.00 PO = 299.0 KPA TO = 309.0 K
ALPHA= 4.20 Z/D= 5.56 PHI= 60.
RPM= 0. PW = 7.88 KPA REL=7505795.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9242	0.9242	0.0000	0.0000	0.3983
0.0320	0.9571	0.8455	0.8123	0.4202	0.4355
0.0551	0.9659	0.7841	1.0766	0.5363	0.4696
0.0735	0.9710	0.7370	1.2601	0.6087	0.4955
0.0957	0.9752	0.6996	1.4036	0.6604	0.5264
0.1152	0.9770	0.6792	1.4808	0.6866	0.5421
0.1523	0.9809	0.6384	1.6379	0.7362	0.5769
0.1966	0.9831	0.6102	1.7481	0.7683	0.6034
0.2364	0.9846	0.5913	1.8239	0.7891	0.6227
0.2716	0.9860	0.5760	1.8866	0.8055	0.6393
0.3140	0.9869	0.5624	1.9428	0.8197	0.6547
0.3613	0.9886	0.5426	2.0273	0.8401	0.6787
0.4183	0.9897	0.5249	2.1043	0.8578	0.7015
0.4903	0.9916	0.5016	2.2100	0.8806	0.7342
0.5488	0.9928	0.4838	2.2936	0.8975	0.7612
0.6049	0.9938	0.4675	2.3722	0.9126	0.7875
0.6660	0.9953	0.4496	2.4637	0.9293	0.8193
0.7198	0.9962	0.4339	2.5457	0.9433	0.8488
0.7885	0.9970	0.4187	2.6280	0.9567	0.8794
0.8769	0.9981	0.4039	2.7120	0.9697	0.9117
0.9358	0.9987	0.3913	2.7858	0.9805	0.9409
1.0372	0.9995	0.3822	2.8416	0.9883	0.9634
1.1188	1.0000	0.3777	2.8704	0.9923	0.9753
1.1954	0.9999	0.3748	2.8876	0.9946	0.9824
1.2797	1.0000	0.3737	2.8947	0.9955	0.9854
1.3568	1.0002	0.3732	2.8982	0.9960	0.9868
1.4491	1.0001	0.3729	2.9000	0.9962	0.9876
1.5342	1.0001	0.3726	2.9015	0.9965	0.9882
1.7053	0.9999	0.3720	2.9050	0.9969	0.9897
1.9418	1.0002	0.3716	2.9080	0.9973	0.9909
2.3746	1.0002	0.3706	2.9148	0.9982	0.9938
2.8022	1.0003	0.3698	2.9197	0.9989	0.9959
3.2202	1.0005	0.3692	2.9239	0.9994	0.9976
3.6366	1.0003	0.3686	2.9271	0.9998	0.9990
4.0229	1.0003	0.3697	2.9200	0.9989	0.9960
4.4039	1.0001	0.3688	2.9259	0.9997	0.9985

DEL = 0.2616 DELU= .0417 DEL*= .0951 CM
THETA= .01844 H = 5.161 UE = 626.3 M/SEC
RHOE= 0.2421 KG/M**3 RUN = 1026

MACH = 3.00 PO = 299.0 KPA TO = 309.2 K
ALPHA= 4.20 Z/D= 5.56 PHI= 60.
RPM= 20000. PW = 7.88 KPA REL=7505795.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9242	0.9242	0.0000	0.0000	0.3986
0.0986	0.9748	0.7009	1.3976	0.6586	0.5255
0.1217	0.9781	0.6678	1.5243	0.7011	0.5517
0.1541	0.9809	0.6345	1.6523	0.7408	0.5806
0.1936	0.9833	0.6088	1.7536	0.7701	0.6052
0.2332	0.9847	0.5893	1.8316	0.7914	0.6251
0.2706	0.9860	0.5746	1.8921	0.8072	0.6412
0.3058	0.9869	0.5629	1.9406	0.8195	0.6545
0.3671	0.9883	0.5419	2.0295	0.8409	0.6798
0.4239	0.9898	0.5222	2.1161	0.8607	0.7055
0.4861	0.9915	0.5027	2.2052	0.8799	0.7331
0.5468	0.9926	0.4849	2.2878	0.8967	0.7598
0.6051	0.9935	0.4672	2.3732	0.9131	0.7883
0.6587	0.9948	0.4522	2.4496	0.9271	0.8148
0.7270	0.9961	0.4353	2.5382	0.9424	0.8466
0.7857	0.9970	0.4215	2.6130	0.9547	0.8743
0.8591	0.9978	0.4060	2.6997	0.9682	0.9075
0.9523	0.9985	0.3926	2.7780	0.9797	0.9383
1.0212	0.9994	0.3840	2.8311	0.9872	0.9598
1.1099	0.9999	0.3787	2.8642	0.9918	0.9734
1.2010	1.0001	0.3757	2.8829	0.9943	0.9811
1.2751	1.0000	0.3744	2.8907	0.9954	0.9844
1.3619	1.0000	0.3737	2.8948	0.9959	0.9861
1.4439	0.9999	0.3733	2.8971	0.9962	0.9870
1.5213	0.9997	0.3730	2.8986	0.9964	0.9877
1.6992	1.0000	0.3725	2.9021	0.9969	0.9891
1.9503	1.0000	0.3719	2.9057	0.9974	0.9906
2.3636	1.0000	0.3710	2.9116	0.9981	0.9931
2.7823	1.0005	0.3703	2.9172	0.9989	0.9954
3.2112	1.0005	0.3697	2.9210	0.9994	0.9971
3.6211	1.0003	0.3690	2.9248	0.9999	0.9987
4.0085	1.0003	0.3700	2.9184	0.9990	0.9959
4.3858	1.0003	0.3693	2.9228	0.9996	0.9978

DEL = 0.2626 DELU= .0435 DEL*= .0960 CM
THETA= .01791 H = 5.358 UE = 626.1 M/SEC
RHOE= 0.2421 KG/M**3 RUN = 1027

MACH = 3.00 PO = 298.0 KPA TO = 308.4 K
ALPHA= 4.20 Z/D= 5.56 PHI= 90.
RPM= 0. PW = 6.53 KPA REL=7507906.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9199	0.9199	0.0000	0.0000	0.3618
0.0257	0.9545	0.8382	0.8329	0.4174	0.3972
0.0535	0.9654	0.7576	1.1710	0.5580	0.4393
0.0734	0.9703	0.7161	1.3322	0.6172	0.4648
0.0933	0.9742	0.6795	1.4727	0.6645	0.4900
0.1233	0.9768	0.6482	1.5921	0.7018	0.5134
0.1613	0.9796	0.6161	1.7177	0.7382	0.5402
0.1915	0.9815	0.5948	1.8030	0.7613	0.5595
0.2400	0.9836	0.5707	1.9022	0.7867	0.5823
0.2928	0.9853	0.5475	1.9994	0.8100	0.6078
0.3420	0.9867	0.5290	2.0798	0.8282	0.6291
0.3982	0.9887	0.5073	2.1784	0.8493	0.6563
0.4461	0.9896	0.4889	2.2628	0.8663	0.6806
0.5046	0.9910	0.4673	2.3673	0.8861	0.7121
0.5548	0.9923	0.4520	2.4446	0.8999	0.7363
0.5946	0.9932	0.4377	2.5189	0.9124	0.7602
0.6533	0.9939	0.4218	2.6041	0.9262	0.7886
0.6953	0.9950	0.4111	2.6651	0.9355	0.8096
0.7437	0.9959	0.3978	2.7419	0.9468	0.8366
0.8175	0.9969	0.3828	2.8320	0.9593	0.8693
0.8830	0.9978	0.3689	2.9195	0.9708	0.9021
0.9527	0.9983	0.3576	2.9933	0.9800	0.9306
1.0225	0.9988	0.3488	3.0525	0.9871	0.9539
1.0905	0.9991	0.3438	3.0875	0.9912	0.9679
1.1672	0.9997	0.3408	3.1091	0.9937	0.9766
1.2335	0.9998	0.3396	3.1174	0.9946	0.9801
1.3043	0.9996	0.3389	3.1220	0.9951	0.9819
1.4553	0.9995	0.3383	3.1264	0.9956	0.9837
1.6036	0.9997	0.3378	3.1298	0.9960	0.9851
1.9685	1.0001	0.3367	3.1390	0.9970	0.9888
2.3228	1.0002	0.3354	3.1478	0.9980	0.9925
2.6711	0.9999	0.3345	3.1534	0.9986	0.9948
3.0227	0.9999	0.3341	3.1570	0.9990	0.9962
3.3570	1.0000	0.3335	3.1613	0.9995	0.9980

DEL = 0.3064 DELL= .0483 DEL*= .1183 CM
THETA= .02067 H = 5.723 UE = 643.0 M/SEC
RHOE= 0.2225 KG/M**3 RUN = 1054

MACH = 3.00 PO = 298.2 KPA TO = 308.3 K
ALPHA= 4.20 Z/D= 5.56 PHI= 90.
RPM= 20000. PW = 6.52 KPA REL=7507540.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9200	0.9200	0.0000	0.0000	0.3622
0.0728	0.9694	0.7249	1.2984	0.6054	0.4597
0.0926	0.9736	0.6821	1.4619	0.6612	0.4885
0.1064	0.9751	0.6667	1.5207	0.6801	0.4998
0.1203	0.9772	0.6435	1.6102	0.7074	0.5178
0.1601	0.9798	0.6100	1.7412	0.7449	0.5461
0.1880	0.9820	0.5910	1.8187	0.7657	0.5639
0.2221	0.9834	0.5721	1.8959	0.7854	0.5825
0.2703	0.9852	0.5517	1.9821	0.8062	0.6041
0.3168	0.9861	0.5353	2.0521	0.8223	0.6224
0.3724	0.9879	0.5133	2.1500	0.8436	0.6491
0.4303	0.9894	0.4929	2.2444	0.8630	0.6761
0.4779	0.9905	0.4772	2.3194	0.8775	0.6983
0.5277	0.9915	0.4585	2.4110	0.8942	0.7265
0.5837	0.9928	0.4417	2.4978	0.9092	0.7543
0.6337	0.9941	0.4276	2.5739	0.9217	0.7795
0.6900	0.9946	0.4118	2.6601	0.9351	0.8089
0.7338	0.9956	0.4006	2.7253	0.9447	0.8317
0.8112	0.9967	0.3824	2.8340	0.9599	0.8712
0.8741	0.9974	0.3695	2.9147	0.9706	0.9014
0.9453	0.9985	0.3583	2.9888	0.9798	0.9300
1.0168	0.9990	0.3502	3.0436	0.9864	0.9516
1.0842	0.9991	0.3449	3.0793	0.9906	0.9659
1.1604	0.9993	0.3419	3.1004	0.9930	0.9744
1.2325	0.9995	0.3407	3.1094	0.9940	0.9780
1.2964	0.9996	0.3400	3.1144	0.9946	0.9800
1.4441	0.9996	0.3392	3.1204	0.9953	0.9825
1.5934	0.9997	0.3387	3.1240	0.9957	0.9840
1.9491	0.9996	0.3372	3.1339	0.9968	0.9880
2.3049	0.9998	0.3362	3.1418	0.9977	0.9912
2.6571	0.9997	0.3352	3.1481	0.9984	0.9938
3.0078	0.9996	0.3345	3.1530	0.9989	0.9959
3.3352	1.0000	0.3339	3.1582	0.9995	0.9980

DEL = 0.3087 DELL= .0498 DEL*= .1187 CM
THETA= .02023 H = 5.865 UE = 642.7 M/SEC
RHOE= 0.2221 KG/M**3 RUN = 1055

MACH = 3.00 PO = 297.9 KPA TO = 309.9 K
ALPHA= 4.20 Z/D= 5.56 PHI= 120.
RPM= 0. PW = 6.72 KPA REL=7470057.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9204	0.9204	0.0000	0.0000	0.3654
0.0201	0.9514	0.8546	0.7528	0.3828	0.3934
0.0294	0.9567	0.8224	0.9036	0.4507	0.4089
0.0403	0.9602	0.7979	1.0088	0.4956	0.4215
0.0575	0.9653	0.7654	1.1426	0.5497	0.4395
0.0841	0.9705	0.7179	1.3263	0.6180	0.4685
0.1345	0.9748	0.6750	1.4902	0.6733	0.4983
0.1884	0.9781	0.6425	1.6158	0.7122	0.5235
0.2427	0.9803	0.6169	1.7163	0.7413	0.5453
0.2958	0.9828	0.5916	1.8185	0.7690	0.5689
0.3526	0.9848	0.5673	1.9181	0.7943	0.5932
0.4072	0.9866	0.5451	2.0124	0.8168	0.6174
0.4585	0.9880	0.5241	2.1037	0.8374	0.6420
0.5133	0.9898	0.5025	2.2019	0.8581	0.6697
0.5649	0.9915	0.4811	2.3030	0.8782	0.6996
0.6250	0.9929	0.4607	2.4035	0.8968	0.7306
0.6701	0.9942	0.4441	2.4887	0.9117	0.7560
0.7321	0.9953	0.4237	2.5972	0.9294	0.7943
0.7909	0.9967	0.4071	2.6912	0.9438	0.8270
0.8463	0.9980	0.3902	2.7906	0.9581	0.8628
0.8985	0.9988	0.3776	2.8680	0.9687	0.8916
0.9491	0.9994	0.3659	2.9418	0.9782	0.9199
1.0118	1.0000	0.3560	3.0075	0.9864	0.9456
1.0644	1.0011	0.3502	3.0482	0.9912	0.9619
1.1207	1.0012	0.3456	3.0800	0.9949	0.9747
1.2389	1.0012	0.3416	3.1076	0.9981	0.9860
1.3568	1.0017	0.3406	3.1153	0.9990	0.9891
1.6469	1.0019	0.3400	3.1201	0.9995	0.9911
1.9286	0.9825	0.3327	3.1253	1.0001	0.9923
2.4933	1.0131	0.1662	5.0470	1.1304	2.0277
2.4933	1.0025	0.3387	3.1304	1.0007	0.9954
2.7604	1.0025	0.3384	3.1326	1.0009	0.9963
3.0112	1.0025	0.3381	3.1345	1.0011	0.9971

CEL = 0.2854 DELL= .0700 DEL*= .1648 CM
THETA= .02851 H = 5.782 UE = 641.5 M/SEC
RHOE= 0.2255 KG/M**3 RUN = 1043

MACH = 3.00 PO = 297.8 KPA TO = 310.4 K
ALPHA= 4.20 Z/D= 5.56 PHI= 120.
RPM= 20000. PW = 6.73 KPA REL=7440991.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9205	0.9205	0.0000	0.0000	0.3668
0.0428	0.9614	0.7928	1.0313	0.5051	0.4261
0.0571	0.9671	0.7507	1.2005	0.5721	0.4500
0.0683	0.9702	0.7235	1.3056	0.6108	0.4669
0.0844	0.9720	0.7081	1.3652	0.6318	0.4772
0.1068	0.9741	0.6851	1.4525	0.6612	0.4931
0.1358	0.9765	0.6603	1.5475	0.6916	0.5116
0.1925	0.9797	0.6266	1.6788	0.7308	0.5392
0.2431	0.9819	0.6015	1.7783	0.7585	0.5617
0.2973	0.9836	0.5783	1.8718	0.7829	0.5841
0.3603	0.9857	0.5526	1.9796	0.8094	0.6113
0.4093	0.9877	0.5310	2.0739	0.8310	0.6364
0.4669	0.9894	0.5082	2.1760	0.8530	0.6650
0.5263	0.9911	0.4874	2.2730	0.8726	0.6934
0.5773	0.9922	0.4685	2.3643	0.8899	0.7213
0.6284	0.9936	0.4517	2.4490	0.9051	0.7482
0.6968	0.9951	0.4295	2.5657	0.9246	0.7868
0.7430	0.9960	0.4156	2.6427	0.9367	0.8133
0.8013	0.9971	0.3997	2.7338	0.9503	0.8456
0.8665	0.9982	0.3842	2.8267	0.9633	0.8798
0.9198	0.9990	0.3718	2.9042	0.9737	0.9052
0.9716	0.9998	0.3625	2.9647	0.9813	0.9326
1.0408	1.0004	0.3521	3.0339	0.9898	0.9601
1.0877	1.0007	0.3480	3.0622	0.9931	0.9715
1.1452	1.0007	0.3445	3.0863	0.9959	0.9813
1.2607	1.0010	0.3423	3.1022	0.9978	0.9878
1.3829	1.0014	0.3418	3.1067	0.9983	0.9896
1.6829	1.0013	0.3409	3.1122	0.9989	0.9919
1.9737	1.0013	0.3403	3.1167	0.9994	0.9938
2.2607	1.0014	0.3397	3.1206	0.9998	0.9954
2.5529	1.0016	0.3394	3.1234	1.0002	0.9966
2.8271	1.0014	0.3390	3.1257	1.0004	0.9975
3.0817	1.0014	0.3388	3.1273	1.0006	0.9982

CEL = 0.2772 DELL= .0660 DEL*= .1558 CM
THETA= .02707 H = 5.756 UE = 642.0 M/SEC
RHOE= 0.2244 KG/M**3 RUN = 1044

MACH = 3.00 PO = 297.3 KPA TO = 310.4 K
ALPHA= 4.20 Z/D= 5.56 PHI= 150.
RPM= 0. PW = 7.13 KPA REL=7430067.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3751
0.0154	0.9503	0.8683	0.6873	0.3541	0.3982
0.0386	0.9609	0.8035	0.9898	0.4906	0.4302
0.0542	0.9650	0.7723	1.1171	0.5428	0.4476
0.0799	0.9685	0.7428	1.2325	0.5874	0.4653
0.1091	0.9710	0.7204	1.3187	0.6189	0.4798
0.1463	0.9735	0.6961	1.4116	0.6512	0.4966
0.1884	0.9758	0.6737	1.4975	0.6796	0.5132
0.2285	0.9776	0.6546	1.5709	0.7027	0.5282
0.2678	0.9790	0.6358	1.6392	0.7233	0.5428
0.3020	0.9804	0.6218	1.6980	0.7403	0.5559
0.3433	0.9818	0.6055	1.7625	0.7584	0.5708
0.3847	0.9834	0.5862	1.8406	0.7792	0.5897
0.4263	0.9847	0.5696	1.9087	0.7965	0.6068
0.4643	0.9862	0.5522	1.9824	0.8145	0.6261
0.4953	0.9873	0.5362	2.0508	0.8304	0.6446
0.5407	0.9887	0.5170	2.1360	0.8492	0.6686
0.5814	0.9899	0.5002	2.2127	0.8653	0.6911
0.6257	0.9915	0.4811	2.3033	0.8833	0.7187
0.6617	0.9925	0.4667	2.3732	0.8964	0.7407
0.7038	0.9937	0.4522	2.4471	0.9097	0.7647
0.7449	0.9946	0.4355	2.5336	0.9244	0.7938
0.7813	0.9952	0.4234	2.5986	0.9350	0.8164
0.8250	0.9960	0.4089	2.6791	0.9474	0.8451
0.8689	0.9970	0.3962	2.7533	0.9583	0.8723
0.9095	0.9979	0.3850	2.8212	0.9679	0.8979
0.9472	0.9985	0.3750	2.8836	0.9763	0.9220
0.9898	0.9991	0.3664	2.9380	0.9833	0.9434
1.0322	0.9996	0.3581	2.9931	0.9902	0.9655
1.0732	0.9998	0.3527	3.0286	0.9945	0.9800
1.1165	1.0000	0.3494	3.0510	0.9972	0.9892
1.1498	1.0001	0.3478	3.0625	0.9986	0.9940
1.1953	1.0003	0.3468	3.0693	0.9994	0.9968
1.2791	1.0003	0.3462	3.0739	0.9999	0.9987
1.3973	1.0004	0.3459	3.0760	1.0002	0.9996
1.5996	1.0004	0.3455	3.0782	1.0004	1.0005
1.7998	1.0004	0.3455	3.0785	1.0005	1.0007
1.9888	1.0002	0.3455	3.0779	1.0004	1.0004
2.1708	1.0004	0.3457	3.0770	1.0003	1.0000

DEL = 0.5407 DELL= .1072 DEL*= .2408 CM
THETA= .04281 H = 5.623 UE = 638.8 M/SEC
RHOE= 0.2323 KG/M**3 RUN = 1033

MACH = 3.00 PO = 297.9 KPA TO = 310.4 K
ALPHA= 4.20 Z/D= 5.56 PHI= 150.
RPM= 20000. PW = 7.14 KPA REL=7435072.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3756
0.0483	0.9623	0.7923	1.0360	0.5099	0.4369
0.0750	0.9682	0.7443	1.2265	0.5851	0.4651
0.1171	0.9721	0.7078	1.3664	0.6357	0.4850
0.1523	0.9744	0.6828	1.4615	0.6678	0.5069
0.1949	0.9767	0.6588	1.5534	0.6973	0.5253
0.2331	0.9789	0.6384	1.6331	0.7215	0.5423
0.2751	0.9805	0.6182	1.7117	0.7443	0.5599
0.3156	0.9820	0.6001	1.7838	0.7642	0.5768
0.3574	0.9836	0.5808	1.8622	0.7848	0.5960
0.3981	0.9851	0.5624	1.9387	0.8040	0.6155
0.4438	0.9866	0.5432	2.0203	0.8234	0.6372
0.4822	0.9879	0.5253	2.0986	0.8411	0.6590
0.5194	0.9891	0.5100	2.1673	0.8559	0.6787
0.5580	0.9902	0.4946	2.2385	0.8705	0.6999
0.6041	0.9914	0.4774	2.3202	0.8865	0.7251
0.6514	0.9924	0.4610	2.4006	0.9014	0.7507
0.6864	0.9933	0.4472	2.4712	0.9139	0.7729
0.7328	0.9945	0.4326	2.5482	0.9268	0.8001
0.7743	0.9953	0.4192	2.6213	0.9385	0.8257
0.8121	0.9960	0.4086	2.6811	0.9477	0.8471
0.8590	0.9967	0.3949	2.7603	0.9593	0.8763
0.8996	0.9973	0.3857	2.8159	0.9671	0.8973
0.9456	0.9982	0.3751	2.8822	0.9761	0.9229
0.9849	0.9985	0.3668	2.9346	0.9829	0.9435
1.0305	0.9990	0.3597	2.9811	0.9887	0.9622
1.0733	0.9991	0.3540	3.0184	0.9933	0.9774
1.1122	0.9994	0.3505	3.0428	0.9963	0.9873
1.1624	0.9997	0.3483	3.0580	0.9981	0.9936
1.2022	0.9997	0.3472	3.0654	0.9989	0.9967
1.2445	1.0000	0.3467	3.0694	0.9994	0.9984
1.3317	1.0000	0.3463	3.0722	0.9997	0.9995
1.4547	1.0000	0.3460	3.0740	0.9999	1.0003
1.6642	0.9998	0.3458	3.0752	1.0001	1.0008
1.8689	1.0000	0.3459	3.0752	1.0001	1.0008
2.0648	1.0000	0.3459	3.0746	1.0000	1.0006
2.2568	0.9998	0.3459	3.0743	1.0000	1.0004

DEL = 0.5193 DELL= .0999 DEL*= .2232 CM
THETA= .03937 H = 5.670 UE = 638.6 M/SEC
RHOE= 0.2323 KG/M**3 RUN = 1034

MACH = 3.00 PO = 298.2 KPA TO = 306.9 K
ALPHA= 4.20 Z/D= 5.56 PHI= 170.
RPM= 0. PW = 7.26 KPA REL=730283C.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9216	0.9216	0.0000	0.0000	0.3763
0.0119	0.9550	0.8422	0.8183	0.4159	0.4118
0.0306	0.9642	0.7784	1.0927	0.5338	0.4456
0.0620	0.9695	0.7336	1.2680	0.6014	0.4728
0.0924	0.9723	0.7067	1.3709	0.6382	0.4908
0.1201	0.9742	0.6886	1.4398	0.6616	0.5036
0.1518	0.9760	0.6691	1.5144	0.6859	0.5183
0.1846	0.9777	0.6509	1.5846	0.7079	0.5329
0.2158	0.9791	0.6360	1.6422	0.7252	0.5453
0.2452	0.9805	0.6218	1.6984	0.7415	0.5579
0.2749	0.9817	0.6076	1.7547	0.7573	0.5710
0.3125	0.9833	0.5901	1.8254	0.7763	0.5880
0.3426	0.9844	0.5766	1.8807	0.7906	0.6018
0.3749	0.9853	0.5631	1.9362	0.8045	0.6160
0.4129	0.9866	0.5487	1.9976	0.8192	0.6323
0.4419	0.9874	0.5359	2.0526	0.8320	0.6473
0.4760	0.9886	0.5225	2.1118	0.8452	0.6640
0.5112	0.9896	0.5084	2.1757	0.8588	0.6825
0.5425	0.9904	0.4975	2.2260	0.8692	0.6975
0.5738	0.9911	0.4861	2.2789	0.8798	0.7136
0.6062	0.9919	0.4765	2.3256	0.8888	0.7281
0.6458	0.9930	0.4617	2.3987	0.9023	0.7515
0.6802	0.9934	0.4491	2.4619	0.9135	0.7723
0.7128	0.9944	0.4402	2.5089	0.9216	0.7881
0.7485	0.9952	0.4289	2.5692	0.9316	0.8089
0.7731	0.9959	0.4210	2.6128	0.9385	0.8242
0.8131	0.9964	0.4100	2.6739	0.9480	0.8461
0.8502	0.9972	0.4003	2.7304	0.9564	0.8668
0.8813	0.9977	0.3932	2.7723	0.9624	0.8825
0.9155	0.9983	0.3836	2.8306	0.9705	0.9046
0.9538	0.9988	0.3753	2.8819	0.9774	0.9245
0.9858	0.9993	0.3684	2.9264	0.9832	0.9421
1.0248	0.9999	0.3616	2.9706	0.9888	0.9598
1.0606	1.0002	0.3561	3.0073	0.9934	0.9747
1.0931	1.0004	0.3521	3.0343	0.9966	0.9858
1.1255	1.0006	0.3501	3.0480	0.9983	0.9914
1.1620	1.0007	0.3485	3.0592	0.9996	0.9961
1.1973	1.0007	0.3478	3.0640	1.0002	0.9981
1.2596	1.0007	0.3472	3.0677	1.0006	0.9996
1.3342	1.0009	0.3472	3.0686	1.0007	1.0000

DEL = 0.6379 DELU= .1126 DEL*= .2665 CM
THETA= .04883 H = 5.458 UE = 634.1 M/SEC
RHOE= 0.2395 KG/M**3 RUN = 4028

MACH = 3.00 PO = 297.7 KPA TO = 307.0 K
ALPHA= 4.20 Z/D= 5.56 PHI= 170.
RPM= 20000. PW = 7.25 KPA REL=7286057.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3766
0.0295	0.9620	0.7971	1.0171	0.5027	0.4355
0.0468	0.9667	0.7596	1.1678	0.5635	0.4570
0.0643	0.9692	0.7377	1.2527	0.5957	0.4706
0.0935	0.9723	0.7095	1.3609	0.6346	0.4893
0.1275	0.9743	0.6869	1.4466	0.6638	0.5053
0.1561	0.9762	0.6676	1.5204	0.6878	0.5199
0.1896	0.9781	0.6511	1.5846	0.7078	0.5333
0.2234	0.9794	0.6341	1.6500	0.7274	0.5474
0.2546	0.9809	0.6188	1.7107	0.7450	0.5611
0.2830	0.9821	0.6056	1.7629	0.7595	0.5733
0.3134	0.9833	0.5885	1.8315	0.7779	0.5899
0.3512	0.9844	0.5752	1.8861	0.7919	0.6036
0.3832	0.9855	0.5609	1.9453	0.8066	0.6189
0.4189	0.9868	0.5465	2.0071	0.8214	0.6354
0.4517	0.9878	0.5331	2.0651	0.8347	0.6513
0.4845	0.9888	0.5194	2.1257	0.8481	0.6685
0.5236	0.9899	0.5053	2.1899	0.8617	0.6872
0.5504	0.9907	0.4942	2.2414	0.8722	0.7026
0.5896	0.9913	0.4820	2.2986	0.8835	0.7202
0.6238	0.9920	0.4722	2.3460	0.8926	0.7351
0.6611	0.9933	0.4572	2.4214	0.9064	0.7595
0.6953	0.9938	0.4465	2.4759	0.9159	0.7776
0.7254	0.9946	0.4371	2.5252	0.9243	0.7943
0.7651	0.9954	0.4250	2.5903	0.9349	0.8169
0.7965	0.9962	0.4161	2.6403	0.9427	0.8346
0.8301	0.9967	0.4055	2.7002	0.9518	0.8564
0.8690	0.9973	0.3963	2.7536	0.9596	0.8761
0.9039	0.9981	0.3868	2.8111	0.9678	0.8979
0.9390	0.9987	0.3777	2.8670	0.9754	0.9194
0.9760	0.9991	0.3708	2.9107	0.9811	0.9366
1.0140	0.9996	0.3633	2.9592	0.9873	0.9559
1.0399	0.9997	0.3587	2.9890	0.9910	0.9680
1.0808	1.0001	0.3541	3.0202	0.9949	0.9807
1.1130	1.0003	0.3509	3.0418	0.9975	0.9896
1.1526	1.0004	0.3491	3.0543	0.9989	0.9948
1.1898	1.0003	0.3481	3.0610	0.9997	0.9976
1.2185	1.0007	0.3479	3.0631	1.0000	0.9984

DEL = 0.6241 DELU= .1131 DEL*= .2626 CM
THETA= .04751 H = 5.527 UE = 634.3 M/SEC
RHOE= 0.2391 KG/M**3 RUN = 4029

MACH = 3.00 PO = 290.5 KPA TO = 310.2 K
ALPHA= 4.20 Z/D= 5.56 PHI= 180.
RPM= 0. PW = 7.08 KPA REL=7254449.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9216	0.9216	0.0000	0.0000	0.3762
0.0138	0.9511	0.8631	0.7141	0.3671	0.4017
0.0260	0.9590	0.8163	0.9349	0.4674	0.4247
0.0419	0.9656	0.7685	1.1325	0.5492	0.4512
0.0580	0.9681	0.7475	1.2146	0.5810	0.4638
0.0874	0.9711	0.7185	1.3259	0.6218	0.4825
0.1199	0.9739	0.6929	1.4238	0.6557	0.5004
0.1516	0.9753	0.6743	1.4938	0.6788	0.5140
0.1875	0.9774	0.6543	1.5712	0.7032	0.5298
0.2182	0.9791	0.6375	1.6366	0.7229	0.5439
0.2509	0.9803	0.6212	1.6999	0.7413	0.5580
0.2847	0.9819	0.6044	1.7673	0.7601	0.5737
0.3196	0.9833	0.5876	1.8351	0.7782	0.5901
0.3486	0.9843	0.5734	1.8926	0.7930	0.6045
0.3796	0.9854	0.5596	1.9503	0.8072	0.6195
0.4157	0.9868	0.5435	2.0192	0.8236	0.6379
0.4509	0.9878	0.5295	2.0803	0.8375	0.6548
0.4831	0.9890	0.5168	2.1372	0.8500	0.6710
0.5194	0.9898	0.5023	2.2030	0.8638	0.6903
0.5527	0.9907	0.4901	2.2601	0.8753	0.7075
0.5832	0.9917	0.4789	2.3140	0.8858	0.7242
0.6137	0.9923	0.4681	2.3664	0.8957	0.7408
0.6494	0.9932	0.4549	2.4326	0.9077	0.7623
0.6832	0.9937	0.4440	2.4879	0.9173	0.7807
0.7222	0.9945	0.4322	2.5505	0.9277	0.8021
0.7571	0.9951	0.4230	2.6006	0.9358	0.8196
0.7918	0.9960	0.4128	2.6577	0.9447	0.8399
0.8295	0.9964	0.4041	2.7071	0.9521	0.8579
0.8629	0.9970	0.3950	2.7605	0.9599	0.8777
0.8983	0.9976	0.3873	2.8071	0.9665	0.8953
0.9294	0.9981	0.3801	2.8511	0.9725	0.9122
0.9594	0.9984	0.3730	2.8955	0.9784	0.9295
0.9965	0.9989	0.3653	2.9450	0.9848	0.9491
1.0340	0.9992	0.3592	2.9848	0.9898	0.9651
1.0685	0.9997	0.3545	3.0168	0.9937	0.9782
1.1029	0.9999	0.3511	3.0397	0.9965	0.9876
1.1353	1.0000	0.3489	3.0544	0.9982	0.9937
1.1667	0.9999	0.3477	3.0628	0.9992	0.9972
1.2021	1.0002	0.3470	3.0678	0.9998	0.9992

DEL = 0.6436 DELL= .1154 DEL*= .2684 CM
THETA= .04882 H = 5.498 UE = 638.1 M/SEC
RHOE= 0.2304 KG/M**3 RUN = 1007

MACH = 3.00 PO = 298.2 KPA TO = 311.2 K
ALPHA= 4.20 Z/D= 5.56 PHI= 180.
RPM= 20000. PW = 7.27 KPA REL=7498778.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9214	0.9214	0.0000	0.0000	0.3743
0.0331	0.9640	0.7835	1.0731	0.5279	0.4403
0.0436	0.9665	0.7637	1.1522	0.5595	0.4517
0.0571	0.9683	0.7482	1.2128	0.5830	0.4611
0.0735	0.9705	0.7305	1.2816	0.6086	0.4723
0.0899	0.9721	0.7170	1.3337	0.6275	0.4813
0.1064	0.9736	0.7031	1.3867	0.6460	0.4908
0.1308	0.9749	0.6894	1.4392	0.6639	0.5006
0.1543	0.9767	0.6753	1.4940	0.6820	0.5113
0.1789	0.9779	0.6622	1.5440	0.6979	0.5214
0.2079	0.9796	0.6485	1.5978	0.7146	0.5326
0.2332	0.9807	0.6355	1.6479	0.7296	0.5434
0.2554	0.9819	0.6259	1.6866	0.7409	0.5520
0.2898	0.9833	0.6092	1.7523	0.7595	0.5671
0.3243	0.9849	0.5925	1.8200	0.7778	0.5832
0.3507	0.9862	0.5787	1.8765	0.7925	0.5972
0.3895	0.9877	0.5625	1.9439	0.8094	0.6145
0.4242	0.9888	0.5480	2.0054	0.8242	0.6308
0.4600	0.9903	0.5337	2.0681	0.8386	0.6479
0.4927	0.9915	0.5204	2.1275	0.8518	0.6646
0.5420	0.9930	0.5018	2.2123	0.8697	0.6893
0.5977	0.9947	0.4813	2.3093	0.8890	0.7188
0.6465	0.9964	0.4642	2.3938	0.9048	0.7456
0.6965	0.9977	0.4474	2.4802	0.9202	0.7740
0.7524	0.9989	0.4302	2.5709	0.9354	0.8048
0.8092	1.0002	0.4158	2.6508	0.9480	0.8329
0.8592	1.0014	0.4025	2.7278	0.9596	0.8609
0.9133	1.0024	0.3906	2.7984	0.9697	0.8872
0.9481	1.0028	0.3829	2.8451	0.9761	0.9050
0.9849	1.0037	0.3754	2.8929	0.9825	0.9235
1.0205	1.0041	0.3685	2.9364	0.9882	0.9406
1.0514	1.0048	0.3632	2.9723	0.9928	0.9549
1.0886	1.0051	0.3579	3.0070	0.9971	0.9689
1.1257	1.0054	0.3541	3.0325	1.0002	0.9793
1.1587	1.0062	0.3522	3.0471	1.0019	0.9854
1.1886	1.0066	0.3511	3.0556	1.0029	0.9889
1.2267	1.0067	0.3503	3.0611	1.0036	0.9912
1.2967	1.0069	0.3498	3.0647	1.0040	0.9927

DEL = 0.6323 DELL= .1144 DEL*= .2701 CM
THETA= .04724 H = 5.718 UE = 636.3 M/SEC
RHOE= 0.2366 KG/M**3 RUN = 1008

MACH = 3.00 PO = 298.1 KPA TO = 307.7 K
ALPHA= 4.20 Z/D= 5.56 PHI= 190.
RPM= 0. PW = 7.27 KPA REL=7270579.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9218	0.9218	0.0000	0.0000	0.3777
0.0122	0.9552	0.8414	0.8225	0.4179	0.4137
0.0258	0.9615	0.7998	1.0056	0.4980	0.4353
0.0459	0.9668	0.7582	1.1728	0.5656	0.4591
0.0777	0.9707	0.7234	1.3073	0.6158	0.4812
0.1107	0.9728	0.7012	1.3915	0.6454	0.4963
0.1440	0.9747	0.6816	1.4664	0.6705	0.5106
0.1899	0.9770	0.6576	1.5582	0.6999	0.5292
0.2383	0.9791	0.6339	1.6502	0.7277	0.5491
0.2853	0.9808	0.6118	1.7365	0.7524	0.5687
0.3386	0.9828	0.5878	1.8333	0.7785	0.5920
0.3838	0.9847	0.5673	1.9181	0.8002	0.6136
0.4389	0.9863	0.5435	2.0184	0.8242	0.6403
0.4849	0.9879	0.5255	2.0975	0.8422	0.6623
0.5383	0.9895	0.5040	2.1944	0.8629	0.6905
0.5919	0.9909	0.4838	2.2891	0.8819	0.7193
0.6446	0.9923	0.4644	2.3838	0.8998	0.7494
0.6974	0.9934	0.4476	2.4694	0.9150	0.7776
0.7473	0.9945	0.4308	2.5578	0.9299	0.8079
0.7974	0.9954	0.4153	2.6428	0.9434	0.8380
0.8530	0.9962	0.3999	2.7306	0.9565	0.8701
0.9058	0.9974	0.3863	2.8123	0.9682	0.9009
0.9565	0.9980	0.3750	2.8822	0.9776	0.9280
1.0105	0.9987	0.3640	2.9523	0.9867	0.9559
1.0599	0.9990	0.3557	3.0069	0.9935	0.9781
1.1187	0.9995	0.3504	3.0431	0.9979	0.9930
1.1698	0.9996	0.3483	3.0576	0.9996	0.9990
1.2026	0.9996	0.3479	3.0604	0.9999	1.0002
1.2391	0.9995	0.3476	3.0624	1.0002	1.0010
1.2735	0.9997	0.3476	3.0628	1.0002	1.0012
1.3464	0.9997	0.3476	3.0628	1.0002	1.0012
1.5191	0.9997	0.3477	3.0618	1.0001	1.0008
1.6932	0.9996	0.3480	3.0598	0.9998	0.9999
1.8614	0.9998	0.3479	3.0610	1.0000	1.0004

DEL = 0.6258 DELL= .1139 DEL*= .2648 CM
THETA= .04858 H = 5.452 UE = 634.8 M/SEC
RHOE= 0.2391 KG/M**3 RUN = 4037

MACH = 3.00 PO = 298.2 KPA TO = 307.8 K
ALPHA= 4.20 Z/D= 5.56 PHI= 190.
RPM= 20000. PW = 7.27 KPA REL=7269983.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3774
0.0273	0.9620	0.7946	1.0265	0.5069	0.4378
0.0454	0.9669	0.7556	1.1823	0.5693	0.4603
0.0768	0.9706	0.7201	1.3189	0.6200	0.4830
0.1057	0.9733	0.6978	1.4050	0.6501	0.4986
0.1423	0.9751	0.6776	1.4815	0.6756	0.5133
0.1858	0.9773	0.6538	1.5730	0.7045	0.5320
0.2317	0.9794	0.6310	1.6615	0.7311	0.5513
0.2820	0.9813	0.6091	1.7480	0.7557	0.5711
0.3347	0.9834	0.5859	1.8417	0.7808	0.5928
0.3854	0.9849	0.5639	1.9321	0.8037	0.6168
0.4358	0.9866	0.5422	2.0238	0.8256	0.6414
0.4854	0.9880	0.5242	2.1032	0.8435	0.6635
0.5321	0.9895	0.5055	2.1881	0.8617	0.6882
0.5871	0.9909	0.4861	2.2789	0.8800	0.7158
0.6321	0.9920	0.4707	2.3530	0.8942	0.7391
0.6873	0.9931	0.4518	2.4478	0.9114	0.7700
0.7325	0.9944	0.4359	2.5309	0.9256	0.7981
0.7903	0.9953	0.4193	2.6205	0.9400	0.8295
0.8442	0.9965	0.4036	2.7100	0.9536	0.8619
0.8911	0.9973	0.3913	2.7829	0.9642	0.8892
0.9443	0.9983	0.3787	2.8603	0.9748	0.9189
0.9978	0.9988	0.3668	2.9353	0.9846	0.9485
1.0477	0.9994	0.3581	2.9921	0.9918	0.9714
1.1048	0.9998	0.3520	3.0334	0.9968	0.9884
1.1563	0.9999	0.3493	3.0516	0.9990	0.9959
1.1845	1.0000	0.3486	3.0564	0.9996	0.9979
1.2588	1.0000	0.3479	3.0612	1.0001	0.9999
1.3288	1.0000	0.3479	3.0615	1.0002	1.0001
1.5047	1.0000	0.3479	3.0615	1.0002	1.0001
1.6756	1.0000	0.3480	3.0606	1.0001	0.9997
1.8352	1.0002	0.3480	3.0612	1.0001	0.9999

DEL = 0.6331 DELL= .1152 DEL*= .2677 CM
THETA= .04874 H = 5.491 UE = 634.8 M/SEC
RHOE= 0.2389 KG/M**3 RUN = 4038

MACH = 3.00 PO = 298.4 KPA TO = 308.2 K
ALPHA= 4.20 Z/D= 5.56 PHI= 210.
RPM= 0. PW = 7.14 KPA REL=7518885.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3749
0.0165	0.9509	0.9644	0.7076	0.3637	0.3997
0.0277	0.9565	0.8333	0.8597	0.4338	0.4146
0.0503	0.9639	0.7842	1.0706	0.5240	0.4408
0.0695	0.9671	0.7569	1.1783	0.5666	0.4566
0.0889	0.9687	0.7412	1.2387	0.5895	0.4661
0.1083	0.9707	0.7259	1.2986	0.6115	0.4761
0.1358	0.9724	0.7068	1.3707	0.6370	0.4888
0.1634	0.9745	0.6898	1.4364	0.6594	0.5011
0.1930	0.9757	0.6749	1.4928	0.6779	0.5120
0.2191	0.9773	0.6581	1.5574	0.6983	0.5251
0.2542	0.9767	0.6422	1.6188	0.7170	0.5381
0.2839	0.9802	0.6259	1.6824	0.7357	0.5521
0.3128	0.9813	0.6145	1.7276	0.7485	0.5624
0.3330	0.9823	0.6033	1.7723	0.7608	0.5729
0.3799	0.9838	0.5848	1.8469	0.7806	0.5910
0.4221	0.9849	0.5660	1.9239	0.8001	0.6105
0.4631	0.9865	0.5483	1.9990	0.8182	0.6302
0.5019	0.9880	0.5315	2.0721	0.8350	0.6503
0.5431	0.9894	0.5126	2.1566	0.8534	0.6743
0.5832	0.9902	0.4961	2.2316	0.8689	0.6965
0.6237	0.9919	0.4781	2.3181	0.8859	0.7230
0.6879	0.9934	0.4537	2.4387	0.9080	0.7617
0.7490	0.9944	0.4324	2.5494	0.9268	0.7989
0.8095	0.9961	0.4131	2.6566	0.9437	0.8366
0.8677	0.9975	0.3949	2.7624	0.9594	0.8752
0.9316	0.9987	0.3749	2.8846	0.9761	0.9220
0.9965	0.9994	0.3646	2.9503	0.9846	0.9479
1.0371	0.9995	0.3595	2.9834	0.9888	0.9612
1.0779	1.0000	0.3545	3.0170	0.9929	0.9749
1.1202	1.0001	0.3500	3.0476	0.9966	0.9874
1.1591	1.0000	0.3481	3.0603	0.9981	0.9927
1.2041	1.0005	0.3470	3.0686	0.9990	0.9961
1.2892	1.0001	0.3464	3.0717	0.9994	0.9974
1.4105	1.0003	0.3463	3.0730	0.9996	0.9979
1.6106	1.0007	0.3462	3.0742	0.9997	0.9984
1.8145	1.0005	0.3461	3.0745	0.9997	0.9986
2.0103	1.0000	0.3457	3.0760	0.9999	0.9992
2.1975	1.0002	0.3456	3.0773	1.0001	0.9997

DEL = 0.5324 DELL= .1052 DEL*= .2353 CM
THETA= .04172 H = 5.640 UE = 636.7 M/SEC
RHOE= 0.2345 KG/M**3 RUN = 1016

MACH = 3.00 PO = 296.2 KPA TO = 308.4 K
ALPHA= 4.20 Z/D= 5.56 PHI= 210.
RPM= 20000. PW = 7.13 KPA REL=7312689.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3749
0.0471	0.9594	0.8113	0.9557	0.4758	0.4257
0.0651	0.9638	0.7775	1.0947	0.5336	0.4441
0.0790	0.9662	0.7514	1.1595	0.5593	0.4537
0.1014	0.9683	0.7445	1.2261	0.5847	0.4641
0.1272	0.9702	0.7274	1.2918	0.6090	0.4750
0.1531	0.9715	0.7115	1.3516	0.6302	0.4854
0.1834	0.9732	0.6954	1.4133	0.6515	0.4967
0.2052	0.9746	0.6843	1.4564	0.6659	0.5049
0.2458	0.9765	0.6644	1.5326	0.6905	0.5200
0.2850	0.9776	0.6459	1.6025	0.7120	0.5346
0.3198	0.9797	0.6299	1.6664	0.7309	0.5485
0.3559	0.9809	0.6127	1.7335	0.7500	0.5638
0.3954	0.9821	0.5946	1.8051	0.7695	0.5807
0.4338	0.9839	0.5769	1.8780	0.7885	0.5987
0.4724	0.9854	0.5599	1.9493	0.8062	0.6170
0.5099	0.9868	0.5424	2.0240	0.8239	0.6370
0.5474	0.9879	0.5250	2.0999	0.8410	0.6580
0.5873	0.9892	0.5081	2.1756	0.8572	0.6798
0.6410	0.9909	0.4845	2.2860	0.8795	0.7130
0.6995	0.9924	0.4603	2.4040	0.9017	0.7503
0.7572	0.9943	0.4371	2.5246	0.9225	0.7904
0.8174	0.9952	0.4146	2.6464	0.9420	0.8329
0.8571	0.9966	0.4020	2.7198	0.9531	0.8595
0.8930	0.9971	0.3911	2.7833	0.9622	0.8831
0.9299	0.9977	0.3801	2.8500	0.9714	0.9086
0.9738	0.9987	0.3702	2.9135	0.9798	0.9333
1.0045	0.9991	0.3627	2.9619	0.9859	0.9525
1.0529	0.9994	0.3548	3.0142	0.9924	0.9737
1.0846	0.9995	0.3514	3.0368	0.9951	0.9829
1.1314	0.9996	0.3486	3.0560	0.9974	0.9908
1.1663	0.9999	0.3474	3.0646	0.9984	0.9944
1.2031	0.9999	0.3467	3.0690	0.9989	0.9962
1.3212	1.0000	0.3462	3.0727	0.9994	0.9977
1.5136	1.0000	0.3459	3.0748	0.9996	0.9986
1.6997	0.9998	0.3456	3.0763	0.9998	0.9992
1.8810	1.0002	0.3457	3.0766	0.9998	0.9994
2.0584	1.0000	0.3456	3.0770	0.9999	0.9995

DEL = 0.5664 DELL= .1222 DEL*= .2631 CM
THETA= .04540 H = 5.795 UE = 636.7 M/SEC
RHOE= 0.2344 KG/M**3 RUN = 1017

MACH = 3.00 PO = 298.2 KPA TO = 308.9 K
ALPHA= 4.20 Z/D= 5.56 PHI= 240.
RPM= 0. PW = 6.74 KPA REL=7501987.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9204	0.9204	0.0000	0.0000	0.3657
0.0194	0.9531	0.8466	0.7931	0.4008	0.3975
0.0290	0.9567	0.8273	0.8844	0.4418	0.4070
0.0560	0.9663	0.7531	1.1897	0.5671	0.4469
0.1008	0.9724	0.6975	1.4036	0.6439	0.4825
0.1329	0.9753	0.6692	1.5123	0.6795	0.5030
0.1765	0.9779	0.6395	1.6264	0.7144	0.5262
0.2220	0.9802	0.6152	1.7223	0.7420	0.5471
0.2612	0.9818	0.5967	1.7965	0.7621	0.5642
0.3006	0.9830	0.5800	1.8637	0.7796	0.5802
0.3575	0.9852	0.5545	1.9708	0.8060	0.6071
0.4028	0.9868	0.5346	2.0565	0.8258	0.6297
0.4701	0.9885	0.5093	2.1690	0.8502	0.6609
0.5275	0.9903	0.4865	2.2755	0.8717	0.6919
0.5816	0.9917	0.4671	2.3699	0.8895	0.7207
0.6307	0.9928	0.4485	2.4631	0.9061	0.7503
0.6868	0.9942	0.4304	2.5592	0.9221	0.7821
0.7314	0.9953	0.4138	2.6510	0.9365	0.8136
0.8041	0.9965	0.3979	2.7430	0.9502	0.8462
0.8604	0.9975	0.3831	2.8316	0.9625	0.8788
0.9203	0.9981	0.3709	2.9078	0.9726	0.9076
0.9735	0.9989	0.3600	2.9790	0.9816	0.9352
1.0304	0.9995	0.3515	3.0258	0.9885	0.9578
1.0908	0.9996	0.3457	3.0757	0.9932	0.9739
1.1463	1.0000	0.3427	3.0968	0.9956	0.9824
1.2072	1.0001	0.3409	3.1094	0.9970	0.9876
1.2661	1.0003	0.3406	3.1119	0.9973	0.9886
1.3230	1.0002	0.3401	3.1148	0.9976	0.9898
1.4417	0.9998	0.3395	3.1183	0.9980	0.9912
1.6137	1.0006	0.3394	3.1212	0.9984	0.9924
1.8993	1.0002	0.3386	3.1257	0.9989	0.9943
2.1885	1.0003	0.3381	3.1292	0.9993	0.9957
2.4820	1.0003	0.3377	3.1321	0.9996	0.9969
2.7477	1.0007	0.3374	3.1353	0.9999	0.9982
3.0113	1.0005	0.3371	3.1369	1.0001	0.9989

DEL = 0.3803 DELU= .0665 DEL*= .1580 CM
THETA= .02771 H = 5.701 UE = 641.3 M/SEC
RHOE= 0.2267 KG/M**3 RUN = 1024

MACH = 3.00 PO = 298.2 KPA TO = 309.0 K
ALPHA= 4.20 Z/D= 5.56 PHI= 240.
RPM= 20000. PW = 6.74 KPA REL=7496802.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9203	0.9203	0.0000	0.0000	0.3648
0.0531	0.9638	0.7751	1.1033	0.5332	0.4333
0.0804	0.9676	0.7393	1.2428	0.5866	0.4541
0.1047	0.9708	0.7157	1.3349	0.6198	0.4693
0.1307	0.9726	0.6947	1.4143	0.6471	0.4833
0.1674	0.9751	0.6710	1.5052	0.6768	0.5005
0.2075	0.9773	0.6478	1.5945	0.7045	0.5184
0.2477	0.9788	0.6284	1.6697	0.7266	0.5343
0.2951	0.9806	0.6105	1.7409	0.7466	0.5501
0.3391	0.9828	0.5857	1.8414	0.7734	0.5735
0.3805	0.9841	0.5658	1.9225	0.7938	0.5934
0.4427	0.9863	0.5404	2.0310	0.8195	0.6214
0.5003	0.9882	0.5150	2.1431	0.8442	0.6520
0.5549	0.9899	0.4938	2.2414	0.8644	0.6802
0.6031	0.9912	0.4733	2.3388	0.8832	0.7095
0.6578	0.9930	0.4531	2.4408	0.9016	0.7414
0.7127	0.9941	0.4337	2.5419	0.9187	0.7745
0.7627	0.9953	0.4157	2.6401	0.9343	0.8079
0.8226	0.9966	0.3983	2.7408	0.9492	0.8435
0.8713	0.9973	0.3846	2.8223	0.9606	0.8733
0.9266	0.9982	0.3704	2.9109	0.9724	0.9067
0.9756	0.9991	0.3590	2.9857	0.9818	0.9357
1.0379	0.9997	0.3499	3.0473	0.9892	0.9601
1.0922	0.9999	0.3442	3.0864	0.9938	0.9759
1.1450	1.0000	0.3415	3.1054	0.9960	0.9837
1.2038	1.0003	0.3400	3.1164	0.9972	0.9881
1.2599	1.0005	0.3394	3.1212	0.9977	0.9901
1.3725	1.0006	0.3388	3.1253	0.9982	0.9918
1.5322	1.0002	0.3382	3.1282	0.9985	0.9930
1.8015	1.0004	0.3378	3.1320	0.9990	0.9946
2.0824	1.0005	0.3372	3.1361	0.9994	0.9963
2.3525	1.0003	0.3368	3.1387	0.9997	0.9973
2.6077	1.0003	0.3366	3.1403	0.9999	0.9980
2.8562	1.0005	0.3364	3.1422	1.0001	0.9988

DEL = 0.4010 DELU= .0780 DEL*= .1769 CM
THETA= .03001 H = 5.895 UE = 641.9 M/SEC
RHOE= 0.2275 KG/M**3 RUN = 1025

MACH = 3.00 PO = 298.2 KPA TO = 308.7 K
ALPHA= 4.20 Z/D= 5.56 PHI= 270.
RPM= 0. PW = 6.53 KPA REL=7496020.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9197	0.9197	0.0000	0.0000	0.3596
0.0293	0.9552	0.8296	0.8701	0.4331	0.3987
0.0517	0.9608	0.7902	1.0389	0.5048	0.4185
0.0700	0.9691	0.7232	1.3041	0.6062	0.4573
0.0863	0.9726	0.6942	1.4159	0.6448	0.4765
0.0965	0.9742	0.6732	1.4953	0.6707	0.4912
0.1334	0.9762	0.6347	1.6452	0.7163	0.5212
0.1704	0.9803	0.6065	1.7553	0.7473	0.5452
0.2035	0.9824	0.5863	1.8379	0.7691	0.5642
0.2594	0.9842	0.5618	1.9388	0.7943	0.5887
0.3116	0.9856	0.5417	2.0240	0.8143	0.6104
0.3605	0.9871	0.5216	2.1126	0.8340	0.6340
0.4181	0.9890	0.5013	2.2053	0.8534	0.6598
0.4607	0.9902	0.4842	2.2856	0.8693	0.6831
0.5184	0.9911	0.4662	2.3725	0.8856	0.7053
0.5698	0.9926	0.4477	2.4669	0.9022	0.7388
0.6213	0.9937	0.4337	2.5407	0.9145	0.7627
0.6793	0.9945	0.4160	2.6380	0.9299	0.7953
0.7245	0.9953	0.4041	2.7049	0.9399	0.8184
0.7995	0.9966	0.3854	2.8158	0.9556	0.8580
0.8755	0.9977	0.3683	2.9232	0.9697	0.8980
0.9489	0.9990	0.3560	3.0053	0.9799	0.9295
1.0135	0.9991	0.3480	3.0588	0.9862	0.9505
1.0877	0.9995	0.3417	3.1026	0.9913	0.9680
1.1706	0.9995	0.3381	3.1283	0.9942	0.9784
1.2384	1.0000	0.3368	3.1377	0.9952	0.9822
1.3108	1.0000	0.3362	3.1421	0.9957	0.9840
1.3790	0.9995	0.3357	3.1453	0.9961	0.9853
1.4474	1.0001	0.3355	3.1470	0.9963	0.9860
1.6079	0.9997	0.3348	3.1516	0.9968	0.9879
1.7585	1.0001	0.3346	3.1533	0.9970	0.9885
1.9813	1.0000	0.3338	3.1588	0.9976	0.9908
2.3459	1.0002	0.3330	3.1650	0.9982	0.9933
2.7132	1.0001	0.3323	3.1699	0.9988	0.9954
3.0747	1.0003	0.3319	3.1734	0.9992	0.9968
3.4182	1.0000	0.3311	3.1783	0.9997	0.9988

DEL = 0.2995 DELL= .0481 DEL*= .1173 CM
THETA= .02026 H = 5.789 UE = 644.3 M/SEC
RHOE= 0.2236 KG/M**3 RUN = 1052

MACH = 3.00 PO = 298.1 KPA TO = 308.7 K
ALPHA= 4.20 Z/D= 5.56 PHI= 270.
RPM= 20000. PW = 6.53 KPA REL=7502714.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9196	0.9196	0.0000	0.0000	0.3589
0.0827	0.9712	0.7014	1.3870	0.6346	0.4705
0.0967	0.9726	0.6856	1.4467	0.6545	0.4812
0.1168	0.9755	0.6617	1.5399	0.6842	0.4988
0.1289	0.9758	0.6502	1.5825	0.6973	0.5073
0.1652	0.9792	0.6187	1.7069	0.7334	0.5334
0.1996	0.9807	0.5986	1.7865	0.7552	0.5512
0.2341	0.9821	0.5817	1.8551	0.7730	0.5672
0.2627	0.9831	0.5699	1.9041	0.7853	0.5790
0.3454	0.9860	0.5335	2.0594	0.8218	0.6185
0.4039	0.9872	0.5125	2.1521	0.8419	0.6436
0.4604	0.9889	0.4914	2.2500	0.8618	0.6714
0.5036	0.9906	0.4733	2.3375	0.8785	0.6972
0.5590	0.9915	0.4571	2.4177	0.8931	0.7218
0.6137	0.9927	0.4397	2.5075	0.9085	0.7503
0.6727	0.9941	0.4223	2.6018	0.9237	0.7814
0.7234	0.9949	0.4076	2.6843	0.9362	0.8096
0.7969	0.9960	0.3901	2.7867	0.9509	0.8458
0.8590	0.9971	0.3733	2.8903	0.9649	0.8838
0.9309	0.9979	0.3586	2.9858	0.9769	0.9201
0.9947	0.9986	0.3492	3.0495	0.9845	0.9449
1.0607	0.9989	0.3425	3.0955	0.9898	0.9632
1.1484	0.9992	0.3374	3.1319	0.9939	0.9779
1.2128	0.9995	0.3358	3.1438	0.9953	0.9827
1.2795	0.9993	0.3349	3.1493	0.9959	0.9850
1.4353	0.9992	0.3341	3.1550	0.9965	0.9873
1.5686	0.9996	0.3338	3.1582	0.9968	0.9886
1.9415	0.9995	0.3326	3.1660	0.9977	0.9918
2.2972	0.9995	0.3319	3.1716	0.9983	0.9941
2.6399	0.9994	0.3312	3.1764	0.9988	0.9960
3.0102	0.9998	0.3308	3.1800	0.9992	0.9975
3.3535	0.9998	0.3303	3.1832	0.9996	0.9988

DEL = 0.3053 DELL= .0518 DEL*= .1227 CM
THETA= .02059 H = 5.957 UE = 644.5 M/SEC
RHOE= 0.2244 KG/M**3 RUN = 1053

MACH = 3.00 PO = 298.1 KPA TO = 310.8 K
ALPHA= 4.20 Z/D= 5.56 PHI= 300.
RPM= 0. PW = 7.86 KPA REL=7427807.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9238	0.9238	0.0000	0.0000	0.3951
0.0279	0.9575	0.8414	0.8306	0.4278	0.4339
0.0520	0.9636	0.7967	1.0234	0.5130	0.4581
0.0688	0.9684	0.7596	1.1724	0.5738	0.4806
0.0929	0.9739	0.7104	1.3620	0.6446	0.5140
0.1219	0.9771	0.6775	1.4871	0.6873	0.5369
0.1583	0.9811	0.6338	1.6551	0.7399	0.5760
0.1947	0.9832	0.6065	1.7624	0.7707	0.6019
0.2312	0.9846	0.5895	1.8306	0.7893	0.6192
0.2778	0.9862	0.5717	1.9041	0.8084	0.6386
0.3220	0.9871	0.5574	1.9634	0.8231	0.6549
0.3615	0.9883	0.5440	2.0209	0.8369	0.6712
0.4184	0.9900	0.5242	2.1077	0.8568	0.6966
0.4855	0.9913	0.5022	2.2067	0.8781	0.7269
0.5460	0.9928	0.4824	2.3000	0.8970	0.7569
0.6148	0.9941	0.4621	2.3992	0.9158	0.7900
0.6684	0.9955	0.4467	2.4787	0.9300	0.8176
0.7375	0.9966	0.4298	2.5678	0.9451	0.8497
0.7939	0.9972	0.4161	2.6426	0.9571	0.8775
0.8631	0.9983	0.4019	2.7237	0.9695	0.9085
0.9506	0.9989	0.3895	2.7967	0.9801	0.9373
1.0330	0.9998	0.3803	2.8537	0.9880	0.9603
1.1105	1.0001	0.3749	2.8875	0.9926	0.9741
1.2088	1.0003	0.3717	2.9080	0.9953	0.9826
1.2916	1.0004	0.3705	2.9156	0.9963	0.9858
1.4631	1.0005	0.3694	2.9227	0.9972	0.9887
1.6410	1.0005	0.3688	2.9268	0.9978	0.9904
1.8147	1.0005	0.3685	2.9282	0.9980	0.9910
1.9999	1.0006	0.3679	2.9320	0.9985	0.9926
2.2668	1.0008	0.3676	2.9350	0.9988	0.9938
2.5282	1.0006	0.3669	2.9387	0.9993	0.9954
2.9624	1.0009	0.3664	2.9422	0.9998	0.9969
3.4184	1.0009	0.3660	2.9449	1.0001	0.9980
3.8404	1.0006	0.3670	2.9382	0.9992	0.9952
4.2420	1.0008	0.3667	2.9405	0.9995	0.9962
4.6403	1.0009	0.3660	2.9452	1.0001	0.9981

DEL = 0.2501 DELL= .0398 DEL*= .0917 CM
THETA= .01759 H = 5.212 UE = 629.4 M/SEC
RHOE= 0.2423 KG/M**3 RUN = 1045

MACH = 3.00 PO = 298.1 KPA TO = 311.1 K
ALPHA= 4.20 Z/D= 5.56 PHI= 300.
RPM= 20000. PW = 7.85 KPA REL=7431126.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9238	0.9238	0.0000	0.0000	0.3951
0.0693	0.9669	0.7704	1.1294	0.5565	0.4738
0.0960	0.9738	0.7081	1.3698	0.6471	0.5155
0.1204	0.9771	0.6735	1.5013	0.6917	0.5420
0.1399	0.9788	0.6554	1.5707	0.7139	0.5570
0.1570	0.9804	0.6367	1.6428	0.7359	0.5733
0.1913	0.9826	0.6119	1.7404	0.7643	0.5966
0.2281	0.9840	0.5938	1.8125	0.7841	0.6147
0.2798	0.9857	0.5731	1.8973	0.8063	0.6369
0.3219	0.9868	0.5582	1.9594	0.8218	0.6539
0.3666	0.9880	0.5451	2.0158	0.8354	0.6698
0.4364	0.9901	0.5164	2.1419	0.8640	0.7071
0.4841	0.9907	0.5065	2.1862	0.8735	0.7207
0.5346	0.9923	0.4859	2.2828	0.8932	0.7514
0.5705	0.9930	0.4758	2.3312	0.9027	0.7673
0.6116	0.9938	0.4644	2.3872	0.9132	0.7861
0.6553	0.9944	0.4524	2.4475	0.9242	0.8069
0.6914	0.9953	0.4425	2.4992	0.9332	0.8251
0.7429	0.9959	0.4296	2.5671	0.9446	0.8496
0.7869	0.9965	0.4205	2.6170	0.9527	0.8680
0.8669	0.9976	0.4037	2.7122	0.9674	0.9042
0.9420	0.9987	0.3896	2.7957	0.9796	0.9370
1.0510	0.9992	0.3786	2.8630	0.9889	0.9642
1.1265	0.9997	0.3736	2.8949	0.9932	0.9773
1.2099	1.0000	0.3710	2.9118	0.9954	0.9843
1.3873	0.9999	0.3690	2.9238	0.9970	0.9894
1.5606	1.0002	0.3685	2.9273	0.9975	0.9908
1.7324	1.0002	0.3682	2.9297	0.9978	0.9918
1.9133	1.0000	0.3677	2.9323	0.9981	0.9929
2.0909	0.9999	0.3674	2.9340	0.9983	0.9936
2.5441	1.0003	0.3667	2.9390	0.9990	0.9957
2.9788	1.0003	0.3660	2.9434	0.9995	0.9976
3.4246	1.0003	0.3656	2.9460	0.9999	0.9987
3.8583	1.0003	0.3666	2.9396	0.9991	0.9960
4.2853	1.0003	0.3664	2.9414	0.9993	0.9967
4.6743	1.0003	0.3658	2.9451	0.9998	0.9983

DEL = 0.2483 DELL= .0415 DEL*= .0925 CM
THETA= .01730 H = 5.347 UE = 629.7 M/SEC
RHOE= 0.2421 KG/M**3 RUN = 1046

MACH = 3.00 PO = 297.8 KPA TO = 310.6 K
ALPHA= 4.20 Z/D= 5.56 PHI= 330.
RPM= 0. PW = 7.72 KPA REL=7433784.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9223	0.9223	0.0000	0.0000	0.3826
0.0348	0.9609	0.8061	0.9799	0.4891	0.4376
0.0655	0.9697	0.7342	1.2665	0.6033	0.4805
0.1216	0.9787	0.6430	1.6157	0.7203	0.5487
0.1637	0.9829	0.5965	1.7995	0.7726	0.5915
0.2089	0.9852	0.5678	1.9171	0.8031	0.6214
0.2485	0.9863	0.5510	1.9876	0.8202	0.6403
0.3053	0.9877	0.5330	2.0654	0.8383	0.6619
0.3538	0.9886	0.5208	2.1193	0.8503	0.6775
0.4024	0.9899	0.5056	2.1884	0.8651	0.6979
0.4512	0.9904	0.4958	2.2335	0.8743	0.7116
0.5002	0.9918	0.4758	2.3288	0.8931	0.7415
0.5465	0.9930	0.4618	2.3981	0.9060	0.7641
0.5877	0.9933	0.4536	2.4390	0.9133	0.7777
0.6379	0.9945	0.4383	2.5190	0.9271	0.8050
0.6881	0.9949	0.4275	2.5761	0.9365	0.8251
0.7383	0.9952	0.4231	2.6002	0.9404	0.8337
0.7798	0.9966	0.4072	2.6899	0.9543	0.8664
0.8598	0.9976	0.3912	2.7840	0.9680	0.9020
0.9370	0.9982	0.3788	2.8594	0.9784	0.9314
1.0411	0.9992	0.3665	2.9380	0.9888	0.9628
1.1216	0.9995	0.3603	2.9783	0.9939	0.9793
1.2322	0.9998	0.3559	3.0080	0.9975	0.9916
1.3250	0.9997	0.3542	3.0184	0.9988	0.9959
1.5318	1.0000	0.3531	3.0265	0.9998	0.9993
1.8430	1.0000	0.3529	3.0279	1.0000	0.9999
2.3617	1.0002	0.3527	3.0299	1.0002	1.0007
2.8727	1.0000	0.3522	3.0328	1.0006	1.0019
3.3659	1.0000	0.3527	3.0291	1.0001	1.0004
3.8811	1.0000	0.3535	3.0239	0.9995	0.9982
4.3820	1.0000	0.3533	3.0250	0.9996	0.9987
4.8495	1.0000	0.3530	3.0273	0.9999	0.9996
5.3158	1.0000	0.3526	3.0296	1.0002	1.0006

DEL = 0.2161 DELL= .0321 DEL*= .0773 CM
THETA= .01450 H = 5.332 UE = 635.3 M/SEC
RHOE= 0.2469 KG/M**3 RUN = 1035

MACH = 3.00 PO = 297.8 KPA TO = 310.6 K
ALPHA= 4.20 Z/D= 5.56 PHI= 330.
RPM= 20000. PW = 7.71 KPA REL=7428291.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9223	0.9223	0.0000	0.0000	0.3820
0.1049	0.9773	0.6600	1.5506	0.7001	0.5338
0.1302	0.9797	0.6316	1.6601	0.7333	0.5578
0.1669	0.9826	0.5989	1.7900	0.7699	0.5883
0.2149	0.9852	0.5699	1.9088	0.8008	0.6183
0.2603	0.9869	0.5474	2.0038	0.8238	0.6438
0.3059	0.9880	0.5348	2.0586	0.8365	0.6590
0.3573	0.9888	0.5224	2.1127	0.8486	0.6745
0.4031	0.9900	0.5052	2.1904	0.8652	0.6975
0.4491	0.9908	0.4946	2.2397	0.8753	0.7125
0.5011	0.9920	0.4777	2.3203	0.8912	0.7377
0.5475	0.9929	0.4642	2.3864	0.9036	0.7591
0.5898	0.9937	0.4525	2.4453	0.9141	0.7787
0.6391	0.9941	0.4445	2.4863	0.9213	0.7926
0.6893	0.9952	0.4275	2.5768	0.9364	0.8241
0.7397	0.9962	0.4153	2.6446	0.9471	0.8485
0.7931	0.9971	0.4049	2.7041	0.9561	0.8704
0.8614	0.9978	0.3908	2.7867	0.9681	0.9017
0.9476	0.9986	0.3774	2.8691	0.9794	0.9338
1.0430	0.9994	0.3658	2.9430	0.9891	0.9634
1.1237	0.9997	0.3595	2.9841	0.9943	0.9802
1.2344	1.0000	0.3558	3.0085	0.9973	0.9903
1.3394	1.0001	0.3543	3.0187	0.9986	0.9945
1.4294	1.0001	0.3537	3.0230	0.9991	0.9962
1.5316	1.0003	0.3534	3.0253	0.9994	0.9973
1.8494	1.0001	0.3530	3.0276	0.9996	0.9982
2.3566	1.0002	0.3527	3.0293	0.9998	0.9990
2.8780	1.0002	0.3524	3.0319	1.0002	1.0001
3.3781	1.0005	0.3526	3.0311	1.0001	0.9997
3.8913	1.0001	0.3537	3.0230	0.9991	0.9963
4.3871	1.0001	0.3533	3.0259	0.9994	0.9975
4.8584	1.0002	0.3528	3.0288	0.9998	0.9987
5.3202	1.0002	0.3526	3.0302	1.0000	0.9993

DEL = 0.2157 DELL= .0339 DEL*= .0781 CM
THETA= .01395 H = 5.600 UE = 635.6 M/SEC
RHOE= 0.2470 KG/M**3 RUN = 1036

MACH = 3.00 PO = 298.3 KPA TO = 304.6 K
ALPHA= 5.28 Z/D= 5.56 PHI= 150.
RPM= 0. PW = 7.09 KPA REL=7394651.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3749
0.0137	0.9535	0.8533	0.7660	0.3913	0.4050
0.0360	0.9608	0.8060	0.9799	0.4866	0.4288
0.0733	0.9667	0.7584	1.1720	0.5646	0.4556
0.1034	0.9695	0.7361	1.2590	0.5975	0.4695
0.1423	0.9718	0.7147	1.3413	0.6272	0.4836
0.1782	0.9740	0.6951	1.4163	0.6531	0.4972
0.2144	0.9756	0.6760	1.4892	0.6772	0.5113
0.2542	0.9778	0.6566	1.5642	0.7009	0.5265
0.2898	0.9793	0.6409	1.6248	0.7193	0.5394
0.3313	0.9808	0.6209	1.7027	0.7420	0.5567
0.3668	0.9823	0.6039	1.7701	0.7608	0.5724
0.4058	0.9838	0.5850	1.8462	0.7810	0.5908
0.4426	0.9852	0.5678	1.9173	0.7990	0.6088
0.4829	0.9867	0.5493	1.9953	0.8179	0.6292
0.5152	0.9879	0.5335	2.0635	0.8336	0.6478
0.5546	0.9894	0.5155	2.1439	0.8513	0.6706
0.5963	0.9907	0.4982	2.2232	0.8678	0.6939
0.6355	0.9919	0.4806	2.3063	0.8842	0.7193
0.6800	0.9930	0.4645	2.3851	0.8990	0.7442
0.7115	0.9940	0.4500	2.4586	0.9121	0.7682
0.7536	0.9951	0.4376	2.5239	0.9232	0.7902
0.7958	0.9961	0.4220	2.6080	0.9369	0.8193
0.8346	0.9972	0.4084	2.6850	0.9487	0.8468
0.8748	0.9978	0.3961	2.7559	0.9591	0.8729
0.9115	0.9984	0.3861	2.8162	0.9676	0.8956
0.9509	0.9990	0.3763	2.8766	0.9758	0.9189
0.9923	0.9995	0.3665	2.9384	0.9838	0.9432
1.0324	1.0003	0.3599	2.9830	0.9894	0.9610
1.0736	1.0004	0.3549	3.0158	0.9934	0.9743
1.1110	1.0005	0.3519	3.0368	0.9960	0.9829
1.1567	1.0009	0.3494	3.0530	0.9979	0.9896
1.2284	1.0010	0.3480	3.0630	0.9991	0.9937
1.4292	1.0011	0.3469	3.0705	1.0000	0.9968
1.6198	1.0011	0.3466	3.0729	1.0003	0.9979
1.8143	1.0013	0.3467	3.0723	1.0002	0.9976
1.9980	1.0011	0.3463	3.0748	1.0005	0.9986

DEL = 0.5568 DELU= .1136 DEL*= .2528 CM
THETA= .04467 H = 5.659 UE = 632.4 M/SEC
RHOE= 0.2359 KG/M**3 RUN = 4017

MACH = 3.00 PO = 298.4 KPA TO = 305.0 K
ALPHA= 5.28 Z/D= 5.56 PHI= 150.
RPM= 20000. PW = 7.09 KPA REL=7377909.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3756
0.0431	0.9628	0.7888	1.0504	0.5162	0.4388
0.0591	0.9670	0.7565	1.1795	0.5676	0.4576
0.0797	0.9695	0.7332	1.2694	0.6015	0.4721
0.1177	0.9726	0.7035	1.3828	0.6418	0.4920
0.1560	0.9751	0.6785	1.4784	0.6739	0.5101
0.1946	0.9771	0.6565	1.5626	0.7006	0.5272
0.2357	0.9790	0.6358	1.6429	0.7249	0.5444
0.2748	0.9808	0.6173	1.7158	0.7459	0.5608
0.3142	0.9824	0.5989	1.7891	0.7661	0.5780
0.3502	0.9836	0.5820	1.8572	0.7841	0.5947
0.3882	0.9854	0.5632	1.9362	0.8039	0.6148
0.4312	0.9866	0.5462	2.0078	0.8210	0.6338
0.4731	0.9882	0.5268	2.0929	0.8404	0.6573
0.5176	0.9896	0.5081	2.1766	0.8584	0.6814
0.5597	0.9908	0.4919	2.2518	0.8738	0.7039
0.5944	0.9918	0.4778	2.3190	0.8869	0.7246
0.6392	0.9929	0.4613	2.4006	0.9021	0.7506
0.6828	0.9937	0.4469	2.4733	0.9149	0.7746
0.7226	0.9945	0.4324	2.5496	0.9277	0.8005
0.7588	0.9956	0.4219	2.6072	0.9370	0.8206
0.8077	0.9964	0.4093	2.6781	0.9479	0.8460
0.8530	0.9973	0.3977	2.7457	0.9579	0.8708
0.8933	0.9979	0.3866	2.8116	0.9672	0.8956
0.9364	0.9986	0.3776	2.8676	0.9748	0.9171
0.9744	0.9993	0.3696	2.9188	0.9816	0.9372
1.0178	0.9995	0.3628	2.9626	0.9871	0.9547
1.0610	0.9999	0.3572	2.9993	0.9917	0.9695
1.1066	1.0002	0.3530	3.0277	0.9951	0.9811
1.1507	1.0001	0.3504	3.0449	0.9972	0.9882
1.1946	1.0002	0.3489	3.0552	0.9984	0.9924
1.2397	1.0005	0.3483	3.0596	0.9989	0.9942
1.2693	1.0005	0.3480	3.0620	0.9992	0.9953
1.3205	1.0007	0.3479	3.0630	0.9993	0.9957
1.4076	1.0007	0.3475	3.0654	0.9996	0.9967
1.5319	1.0005	0.3472	3.0673	0.9999	0.9975
1.7322	1.0007	0.3471	3.0686	1.0000	0.9980
1.9446	1.0007	0.3468	3.0704	1.0002	0.9987
2.1462	1.0007	0.3468	3.0708	1.0003	0.9989

DEL = 0.5195 DELU= .0976 DEL*= .2210 CM
THETA= .03915 H = 5.645 UE = 632.6 M/SEC
RHOE= 0.2351 KG/M**3 RUN = 4018

MACH = 3.00 PO = 298.5 KPA TO = 305.9 K
ALPHA= 5.28 Z/D= 5.56 PHI= 170.
RPM= 0. PW = 7.26 KPA REL=7358787.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3749
0.0104	0.9545	0.8454	0.8035	0.4090	0.4088
0.0258	0.9623	0.7927	1.0342	0.5098	0.4358
0.0436	0.9672	0.7550	1.1854	0.5702	0.4577
0.0704	0.9710	0.7208	1.3175	0.6192	0.4754
0.1089	0.9739	0.6925	1.4253	0.6566	0.4990
0.1502	0.9765	0.6655	1.5284	0.6903	0.5192
0.1920	0.9784	0.6444	1.6100	0.7155	0.5363
0.2301	0.9804	0.6246	1.6876	0.7383	0.5533
0.2752	0.9824	0.6010	1.7814	0.7644	0.5751
0.3149	0.9838	0.5840	1.8503	0.7826	0.5919
0.3580	0.9856	0.5640	1.9331	0.8035	0.6129
0.3980	0.9867	0.5474	2.0032	0.8204	0.6314
0.4434	0.9883	0.5292	2.0825	0.8385	0.6532
0.4898	0.9894	0.5106	2.1654	0.8565	0.6769
0.5346	0.9908	0.4946	2.2398	0.8718	0.6989
0.5778	0.9921	0.4786	2.3161	0.8868	0.7224
0.6237	0.9931	0.4643	2.3865	0.8999	0.7447
0.6662	0.9941	0.4503	2.4570	0.9125	0.7677
0.7072	0.9949	0.4378	2.5223	0.9237	0.7897
0.7556	0.9961	0.4235	2.6000	0.9363	0.8166
0.8025	0.9970	0.4117	2.6660	0.9466	0.8400
0.8487	0.9975	0.4010	2.7275	0.9557	0.8625
0.8955	0.9984	0.3902	2.7919	0.9649	0.8865
0.9421	0.9989	0.3789	2.8605	0.9744	0.9127
0.9821	0.9997	0.3698	2.9183	0.9820	0.9353
1.0309	1.0005	0.3604	2.9802	0.9898	0.9600
1.0755	1.0009	0.3538	3.0237	0.9951	0.9776
1.1190	1.0009	0.3501	3.0487	0.9981	0.9879
1.1634	1.0014	0.3481	3.0633	0.9999	0.9939
1.2201	1.0015	0.3470	3.0712	1.0008	0.9972
1.2840	1.0015	0.3466	3.0736	1.0011	0.9982
1.3449	1.0015	0.3466	3.0736	1.0011	0.9982
1.4028	1.0017	0.3466	3.0742	1.0012	0.9985
1.4623	1.0017	0.3466	3.0739	1.0011	0.9984
1.5964	1.0020	0.3469	3.0730	1.0010	0.9980

DEL = 0.7345 DELU= .1269 DEL*= .3041 CM
THETA= .05543 H = 5.486 UE = 633.3 M/SEC
RHOE= 0.2408 KG/M**3 RUN = 4025

MACH = 3.00 PO = 298.5 KPA TO = 306.4 K
ALPHA= 5.28 Z/D= 5.56 PHI= 170.
RPM= 20000. PW = 7.26 KPA REL=7333912.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3753
0.0316	0.9620	0.7949	1.0250	0.5058	0.4350
0.0473	0.9661	0.7611	1.1604	0.5603	0.4543
0.0713	0.9694	0.7320	1.2734	0.6030	0.4723
0.1126	0.9729	0.7009	1.3928	0.6454	0.4934
0.1495	0.9755	0.6758	1.4890	0.6774	0.5118
0.1951	0.9777	0.6504	1.5864	0.7081	0.5318
0.2344	0.9799	0.6279	1.6742	0.7342	0.5509
0.2758	0.9817	0.6069	1.7571	0.7576	0.5699
0.3203	0.9833	0.5878	1.8342	0.7782	0.5885
0.3595	0.9849	0.5681	1.9153	0.7989	0.6089
0.4097	0.9867	0.5467	2.0060	0.8208	0.6328
0.4530	0.9879	0.5289	2.0829	0.8383	0.6539
0.4964	0.9896	0.5115	2.1620	0.8555	0.6765
0.5373	0.9906	0.4949	2.2378	0.8711	0.6990
0.5845	0.9918	0.4778	2.3192	0.8871	0.7241
0.6309	0.9930	0.4627	2.3941	0.9011	0.7479
0.6776	0.9941	0.4473	2.4722	0.9149	0.7735
0.7209	0.9950	0.4340	2.5420	0.9266	0.7972
0.7644	0.9959	0.4221	2.6070	0.9371	0.8198
0.8109	0.9966	0.4088	2.6814	0.9486	0.8465
0.8520	0.9975	0.3983	2.7426	0.9576	0.8689
0.9060	0.9985	0.3862	2.8156	0.9680	0.8963
0.9503	0.9989	0.3761	2.8777	0.9764	0.9203
0.9938	0.9996	0.3675	2.9327	0.9835	0.9419
1.0429	1.0002	0.3580	2.9951	0.9914	0.9670
1.0880	1.0006	0.3518	3.0366	0.9964	0.9839
1.1284	1.0010	0.3489	3.0570	0.9988	0.9923
1.1805	1.0009	0.3471	3.0688	1.0002	0.9972
1.2316	1.0009	0.3468	3.0712	1.0005	0.9982
1.2990	1.0009	0.3468	3.0712	1.0005	0.9982
1.3596	1.0011	0.3467	3.0721	1.0006	0.9986
1.4191	1.0011	0.3466	3.0730	1.0007	0.9990
1.4811	1.0013	0.3466	3.0733	1.0007	0.9991
1.6208	1.0013	0.3467	3.0724	1.0006	0.9987

DEL = 0.7260 DELU= .1311 DEL*= .3044 CM
THETA= .05457 H = 5.579 UE = 634.0 M/SEC
RHOE= 0.2403 KG/M**3 RUN = 4026

MACH = 3.00 PO = 298.2 KPA TO = 307.8 K
ALPHA= 5.28 Z/D= 5.56 PHI= 190.
RPM= 0. PW = 7.25 KPA REL=7272806.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3769
0.0104	0.9537	0.8497	0.7821	0.3993	0.4088
0.0229	0.9583	0.8216	0.9120	0.4579	0.4228
0.0361	0.9647	0.7765	1.1010	0.5373	0.4474
0.0480	0.9673	0.7553	1.1845	0.5701	0.4600
0.0728	0.9700	0.7296	1.2836	0.6073	0.4761
0.0986	0.9720	0.7104	1.3569	0.6335	0.4890
0.1254	0.9738	0.6922	1.4265	0.6573	0.5018
0.1549	0.9757	0.6749	1.4930	0.6793	0.5148
0.2095	0.9785	0.6446	1.6095	0.7157	0.5390
0.2640	0.9809	0.6179	1.7139	0.7461	0.5623
0.3219	0.9831	0.5908	1.8222	0.7757	0.5860
0.3830	0.9853	0.5643	1.9312	0.8035	0.6156
0.4374	0.9868	0.5416	2.0276	0.8265	0.6414
0.4990	0.9888	0.5173	2.1350	0.8504	0.6716
0.5530	0.9905	0.4966	2.2300	0.8703	0.6957
0.6124	0.9921	0.4751	2.3327	0.8904	0.7315
0.6704	0.9932	0.4554	2.4301	0.9082	0.7629
0.7368	0.9948	0.4343	2.5402	0.9271	0.8000
0.7928	0.9961	0.4179	2.6300	0.9415	0.8316
0.8541	0.9972	0.4010	2.7263	0.9560	0.8666
0.9177	0.9982	0.3852	2.8206	0.9694	0.9022
0.9762	0.9989	0.3714	2.9062	0.9809	0.9355
1.0361	0.9995	0.3593	2.9845	0.9908	0.9668
1.0959	1.0001	0.3519	3.0349	0.9970	0.9875
1.1566	1.0005	0.3488	3.0567	0.9996	0.9965
1.2163	1.0005	0.3481	3.0616	1.0002	0.9985
1.3090	1.0004	0.3477	3.0637	1.0004	0.9994
1.4544	1.0006	0.3476	3.0646	1.0005	0.9998
1.5961	1.0007	0.3479	3.0634	1.0004	0.9993

DEL = 0.7308 DELL= .1322 DEL*= .3090 CM
THETA= .05645 H = 5.475 UE = 634.9 M/SEC
RHOE= 0.2390 KG/M**3 RUN = 4035

MACH = 3.00 PO = 298.3 KPA TO = 307.8 K
ALPHA= 5.28 Z/D= 5.56 PHI= 190.
RPM= 20000. PW = 7.25 KPA REL=7263231.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9217	0.9217	0.0000	0.0000	0.3771
0.0232	0.9609	0.8049	0.9845	0.4890	0.4318
0.0316	0.9646	0.7756	1.1037	0.5383	0.4481
0.0463	0.9679	0.7465	1.2179	0.5827	0.4655
0.0707	0.9711	0.7171	1.3310	0.6241	0.4846
0.0976	0.9737	0.6939	1.4198	0.6549	0.5008
0.1224	0.9754	0.6763	1.4869	0.6771	0.5139
0.1529	0.9768	0.6588	1.5537	0.6984	0.5275
0.2057	0.9793	0.6311	1.6612	0.7308	0.5506
0.2584	0.9816	0.6069	1.7571	0.7580	0.5727
0.3152	0.9837	0.5810	1.8615	0.7857	0.5981
0.3734	0.9856	0.5571	1.9612	0.8106	0.6239
0.4277	0.9872	0.5363	2.0502	0.8314	0.6480
0.4847	0.9885	0.5161	2.1393	0.8511	0.6732
0.5429	0.9903	0.4949	2.2370	0.8714	0.7022
0.6038	0.9919	0.4752	2.3315	0.8899	0.7315
0.6599	0.9927	0.4569	2.4218	0.9065	0.7606
0.7190	0.9942	0.4381	2.5194	0.9234	0.7933
0.7757	0.9953	0.4214	2.6093	0.9380	0.8247
0.8385	0.9966	0.4045	2.7056	0.9527	0.8594
0.8973	0.9974	0.3897	2.7921	0.9652	0.8918
0.9575	0.9983	0.3753	2.8809	0.9773	0.9260
1.0181	0.9993	0.3623	2.9650	0.9881	0.9595
1.0760	0.9998	0.3540	3.0204	0.9950	0.9820
1.1355	0.9999	0.3495	3.0501	0.9985	0.9943
1.1933	1.0001	0.3483	3.0589	0.9996	0.9979
1.2815	1.0002	0.3480	3.0610	0.9998	0.9988
1.4305	1.0000	0.3477	3.0628	1.0000	0.9996
1.5670	1.0002	0.3478	3.0625	1.0000	0.9994

DEL = 0.7444 DELL= .1298 DEL*= .3076 CM
THETA= .05651 H = 5.444 UE = 635.1 M/SEC
RHOE= 0.2388 KG/M**3 RUN = 4036

MACH = 3.00 PO = 298.2 KPA TO = 307.2 K
ALPHA= 5.28 Z/D= 5.56 PHI= 210.
RPM= 0. PW = 7.09 KPA REL=7292994.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3735
0.0131	0.9520	0.8560	0.7489	0.3828	0.4015
0.0249	0.9573	0.8263	0.8902	0.4470	0.4164
0.0455	0.9632	0.7835	1.0697	0.5231	0.4390
0.0761	0.9670	0.7520	1.1956	0.5727	0.4575
0.1147	0.9695	0.7298	1.2814	0.6047	0.4714
0.1670	0.9728	0.6998	1.3967	0.6454	0.4917
0.2146	0.9750	0.6758	1.4876	0.6756	0.5090
0.2690	0.9775	0.6506	1.5849	0.7061	0.5285
0.3218	0.9795	0.6258	1.6812	0.7347	0.5498
0.3753	0.9819	0.6004	1.7826	0.7629	0.5732
0.4267	0.9835	0.5757	1.8829	0.7891	0.5977
0.4870	0.9861	0.5472	2.0026	0.8183	0.6288
0.5395	0.9879	0.5221	2.1122	0.8430	0.6550
0.5940	0.9895	0.4964	2.2296	0.8677	0.6832
0.6472	0.9914	0.4754	2.3299	0.8873	0.7235
0.7060	0.9931	0.4514	2.4494	0.9090	0.7622
0.7617	0.9948	0.4295	2.5654	0.9285	0.8014
0.8210	0.9960	0.4098	2.6745	0.9456	0.8398
0.8761	0.9972	0.3922	2.7773	0.9606	0.8775
0.9265	0.9978	0.3797	2.8527	0.9710	0.9061
0.9675	0.9984	0.3695	2.9172	0.9795	0.9312
1.0040	0.9989	0.3621	2.9656	0.9856	0.9504
1.0465	0.9995	0.3557	3.0086	0.9909	0.9677
1.0770	0.9997	0.3520	3.0331	0.9939	0.9777
1.1231	0.9999	0.3482	3.0590	0.9970	0.9883
1.1610	1.0000	0.3466	3.0702	0.9983	0.9929
1.2374	1.0001	0.3455	3.0780	0.9992	0.9962
1.4234	1.0003	0.3450	3.0817	0.9996	0.9977
1.6111	1.0002	0.3448	3.0829	0.9998	0.9982
1.7889	1.0004	0.3445	3.0851	1.0000	0.9991
1.9717	1.0004	0.3444	3.0857	1.0001	0.9994

DEL = 0.5833 DELL= .1193 DEL*= .2651 CM
THETA= .04666 H = 5.681 UE = 636.0 M/SEC
RHOE= 0.2344 KG/M**3 RUN = 4046

MACH = 3.00 PO = 298.2 KPA TO = 307.4 K
ALPHA= 5.28 Z/D= 5.56 PHI= 210.
RPM= 20000. PW = 7.09 KPA REL=7283377.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3733
0.0361	0.9608	0.8018	0.9959	0.4926	0.4290
0.0444	0.9622	0.7921	1.0361	0.5094	0.4342
0.0575	0.9645	0.7735	1.1213	0.5399	0.4447
0.0904	0.9672	0.7514	1.1983	0.5738	0.4577
0.1235	0.9695	0.7325	1.2705	0.6007	0.4694
0.1535	0.9712	0.7171	1.3310	0.6225	0.4797
0.1937	0.9724	0.7032	1.3837	0.6409	0.4891
0.2155	0.9738	0.6897	1.4353	0.6584	0.4987
0.2466	0.9753	0.6744	1.4856	0.6749	0.5084
0.2838	0.9767	0.6608	1.5460	0.6941	0.5206
0.3133	0.9781	0.6458	1.6040	0.7119	0.5327
0.3472	0.9795	0.6321	1.6579	0.7279	0.5443
0.3826	0.9809	0.6165	1.7191	0.7454	0.5581
0.4172	0.9820	0.6010	1.7802	0.7623	0.5724
0.4508	0.9834	0.5862	1.8405	0.7783	0.5869
0.4824	0.9845	0.5705	1.9049	0.7947	0.6030
0.5162	0.9858	0.5537	1.9753	0.8118	0.6213
0.5521	0.9873	0.5366	2.0494	0.8291	0.6412
0.5860	0.9883	0.5208	2.1185	0.8444	0.6603
0.6210	0.9895	0.5024	2.2017	0.8620	0.6844
0.6518	0.9907	0.4880	2.2696	0.8757	0.7050
0.6890	0.9919	0.4715	2.3473	0.8906	0.7290
0.7252	0.9932	0.4550	2.4320	0.9060	0.7562
0.7516	0.9938	0.4411	2.5031	0.9182	0.7798
0.7950	0.9949	0.4267	2.5804	0.9310	0.8062
0.8263	0.9959	0.4148	2.6469	0.9414	0.8296
0.8631	0.9969	0.4018	2.7214	0.9526	0.8565
0.8990	0.9973	0.3895	2.7934	0.9629	0.8832
0.9347	0.9982	0.3792	2.8569	0.9716	0.9074
0.9691	0.9987	0.3704	2.9122	0.9789	0.9299
1.0045	0.9993	0.3619	2.9672	0.9859	0.9506
1.0419	0.9995	0.3557	3.0082	0.9909	0.9671
1.0770	0.9999	0.3512	3.0391	0.9946	0.9797
1.1131	1.0001	0.3484	3.0584	0.9969	0.9876
1.1479	1.0002	0.3468	3.0690	0.9982	0.9920
1.1805	1.0003	0.3462	3.0737	0.9987	0.9939
1.2138	1.0003	0.3458	3.0761	0.9990	0.9950

DEL = 0.6287 DELL= .1332 DEL*= .2997 CM
THETA= .05154 H = 5.796 UE = 636.3 M/SEC
RHOE= 0.2342 KG/M**3 RUN = 4047

MACH = 3.00 PO = 297.8 KPA TO = 307.6 K
ALPHA= 5.28 Z/D= 5.56 PHI= 240.
RPM= 0. PW = 6.45 KPA REL=7271500.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9195	0.9195	0.0000	0.0000	0.3582
0.0200	0.9576	0.8095	0.9565	0.4702	0.4068
0.0431	0.9647	0.7573	1.1704	0.5564	0.4350
0.0705	0.9700	0.7140	1.3388	0.6181	0.4613
0.0988	0.9730	0.6854	1.4486	0.6552	0.4806
0.1424	0.9765	0.6485	1.5904	0.6997	0.5080
0.2020	0.9799	0.6095	1.7418	0.7431	0.5401
0.2542	0.9823	0.5815	1.8564	0.7734	0.5664
0.3051	0.9844	0.5584	1.9529	0.7972	0.5859
0.3628	0.9863	0.5334	2.0607	0.8221	0.6177
0.4125	0.9876	0.5140	2.1463	0.8407	0.6408
0.4616	0.9893	0.4930	2.2435	0.8606	0.6682
0.5240	0.9908	0.4719	2.3450	0.8800	0.6982
0.5724	0.9919	0.4544	2.4321	0.8956	0.7249
0.6360	0.9934	0.4350	2.5334	0.9128	0.7573
0.6864	0.9947	0.4186	2.6234	0.9271	0.7872
0.7436	0.9956	0.4027	2.7128	0.9405	0.8180
0.8026	0.9966	0.3871	2.8055	0.9536	0.8510
0.8567	0.9974	0.3743	2.8848	0.9642	0.8801
0.9092	0.9981	0.3635	2.9543	0.9731	0.9063
0.9651	0.9989	0.3533	3.0225	0.9814	0.9326
1.0245	0.9992	0.3460	3.0722	0.9872	0.9521
1.0772	0.9997	0.3409	3.1082	0.9913	0.9665
1.1369	0.9999	0.3374	3.1337	0.9942	0.9767
1.1917	1.0002	0.3358	3.1453	0.9955	0.9815
1.3018	1.0001	0.3346	3.1537	0.9964	0.9849
1.4196	1.0001	0.3342	3.1564	0.9967	0.9860
1.5475	1.0003	0.3335	3.1617	0.9973	0.9881
1.8369	1.0004	0.3328	3.1673	0.9979	0.9904
2.1230	1.0004	0.3321	3.1719	0.9984	0.9923
2.4064	1.0006	0.3314	3.1778	0.9990	0.9947
2.6966	1.0007	0.3308	3.1818	0.9995	0.9964
2.9594	1.0005	0.3303	3.1854	0.9998	0.9978

DEL = 0.3815 DELL= .0625 DEL*= .1544 CM
THETA= .02677 H = 5.768 UE = 643.3 M/SEC
RHOE= 0.2223 KG/M**3 RUN = 4052

MACH = 3.00 PO = 297.8 KPA TO = 307.8 K
ALPHA= 5.28 Z/D= 5.56 PHI= 240.
RPM= 20000. PW = 6.45 KPA REL=7258583.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9193	0.9193	0.0000	0.0000	0.3564
0.0479	0.9632	0.7684	1.1258	0.5384	0.4264
0.0669	0.9666	0.7417	1.2314	0.5786	0.4416
0.0947	0.9688	0.7223	1.3064	0.6057	0.4535
0.1182	0.9711	0.7023	1.3834	0.6325	0.4665
0.1404	0.9724	0.6876	1.4390	0.6510	0.4763
0.1893	0.9756	0.6566	1.5586	0.6890	0.4990
0.2415	0.9781	0.6294	1.6642	0.7203	0.5205
0.2881	0.9804	0.6027	1.7702	0.7497	0.5436
0.3441	0.9828	0.5762	1.8784	0.7778	0.5687
0.3929	0.9845	0.5530	1.9751	0.8013	0.5924
0.4405	0.9862	0.5314	2.0687	0.8227	0.6166
0.4979	0.9879	0.5075	2.1755	0.8455	0.6455
0.5468	0.9895	0.4864	2.2741	0.8652	0.6725
0.6006	0.9911	0.4637	2.3848	0.8859	0.7065
0.6465	0.9926	0.4448	2.4815	0.9028	0.7367
0.7035	0.9938	0.4252	2.5857	0.9198	0.7705
0.7514	0.9953	0.4075	2.6855	0.9351	0.8042
0.8057	0.9960	0.3911	2.7809	0.9488	0.8377
0.8536	0.9971	0.3775	2.8646	0.9601	0.8680
0.9193	0.9982	0.3628	2.9593	0.9722	0.9034
0.9721	0.9987	0.3512	3.0365	0.9815	0.9331
1.0219	0.9994	0.3439	3.0868	0.9874	0.9528
1.1252	0.9999	0.3349	3.1512	0.9946	0.9787
1.2340	1.0001	0.3321	3.1714	0.9968	0.9869
1.3421	1.0003	0.3314	3.1770	0.9974	0.9892
1.4628	1.0002	0.3310	3.1791	0.9977	0.9900
1.7311	1.0002	0.3302	3.1853	0.9983	0.9925
2.0045	1.0003	0.3296	3.1896	0.9988	0.9943
2.2705	1.0005	0.3291	3.1938	0.9992	0.9960
2.5399	1.0003	0.3286	3.1968	0.9996	0.9972
2.7943	1.0003	0.3282	3.1991	0.9998	0.9982

DEL = 0.4041 DELU= .0772 DEL*= .1782 CM
THETA= .02957 H = 6.027 UE = 644.6 M/SEC
RHOE= 0.2231 KG/M**3 RUN = 4053

MACH = 3.00 PO = 298.1 KPA TO = 307.0 K
ALPHA= 6.34 Z/D= 5.56 PHI= 0.
RPM= 0. PW = 8.67 KPA REL=7302365.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9241	0.9241	0.0000	[illegible]	0.3981
0.0419	0.9685	0.7558	1.1865	[illegible]	0.4866
0.0709	0.9707	0.7343	1.2689	0.6118	0.5008
0.0903	0.9743	0.7033	1.3879	0.6548	0.5230
0.1097	0.9773	0.6720	1.5071	0.6950	0.5474
0.1292	0.9798	0.6467	1.6048	0.7259	0.5689
0.1421	0.9815	0.6267	1.6823	0.7492	0.5870
0.1648	0.9832	0.5996	1.7886	0.7793	0.6133
0.1843	0.9850	0.5798	1.8694	0.8008	0.6343
0.2169	0.9867	0.5575	1.9618	0.8242	0.6596
0.2397	0.9880	0.5408	2.0334	0.8413	0.6801
0.2724	0.9895	0.5254	2.1017	0.8569	0.7003
0.3314	0.9910	0.5049	2.1940	0.8769	0.7287
0.3840	0.9915	0.4923	2.2514	0.8888	0.7470
0.4302	0.9921	0.4843	2.2897	0.8965	0.7594
0.4865	0.9929	0.4752	2.3338	0.9050	0.7741
0.5429	0.9939	0.4621	2.3991	0.9173	0.7962
0.5996	0.9948	0.4499	2.4610	0.9285	0.8178
0.6431	0.9950	0.4414	2.5041	0.9360	0.8332
0.6900	0.9960	0.4309	2.5608	0.9456	0.8538
0.7911	0.9970	0.4120	2.6645	0.9621	0.8928
0.8860	0.9979	0.3987	2.7413	0.9737	0.9226
0.9951	0.9985	0.3859	2.8171	0.9846	0.9529
1.1087	0.9993	0.3771	2.8723	0.9922	0.9755
1.2209	0.9995	0.3725	2.9010	0.9961	0.9874
1.3298	0.9995	0.3706	2.9130	0.9977	0.9925
1.4636	0.9997	0.3696	2.9199	0.9986	0.9953
1.5731	0.9999	0.3694	2.9214	0.9988	0.9960
1.6898	1.0001	0.3694	2.9217	0.9988	0.9961
1.8140	0.9999	0.3694	2.9214	0.9988	0.9960
1.9206	0.9999	0.3693	2.9223	0.9989	0.9964
2.0523	0.9997	0.3694	2.9209	0.9987	0.9958
2.1555	0.9998	0.3713	2.9095	0.9972	0.9910
2.2804	0.9999	0.3718	2.9066	0.9968	0.9898
2.6253	0.9998	0.3705	2.9143	0.9978	0.9930
3.24.6	0.9997	0.3696	2.9196	0.9985	0.9952
3.8678	0.9999	0.3692	2.9225	0.9989	0.9965
4.4720	1.0000	0.3687	2.9259	0.9993	0.9979

DEL = 0.1818 DELU= .0246 DEL*= .0585 CM
THETA= .01153 H = 5.079 UE = 624.2 M/SEC
RHOE= 0.2703 KG/M**3 RUN = 4005

MACH = 3.00 PO = 298.6 KPA TO = 307.2 K
ALPHA= 6.34 Z/D= 5.56 PHI= 0.
RPM= 20000. PW = 8.66 KPA REL=7290422.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9242	0.9242	0.0000	0.0000	0.3985
0.1111	0.9756	0.6886	1.4436	0.6741	0.5346
0.1302	0.9787	0.6566	1.5662	0.7141	0.5607
0.1493	0.9807	0.6344	1.6520	0.7404	0.5803
0.1653	0.9824	0.6171	1.7201	0.7603	0.5967
0.1844	0.9835	0.5985	1.7533	0.7808	0.6150
0.2036	0.9859	0.5708	1.9068	0.8107	0.6450
0.2485	0.9882	0.5436	2.0219	0.8388	0.6774
0.2742	0.9894	0.5291	2.0858	0.8536	0.6961
0.3258	0.9907	0.5094	2.1734	0.8728	0.7229
0.3775	0.9914	0.4987	2.2226	0.8831	0.7384
0.4230	0.9920	0.4903	2.2618	0.8911	0.7510
0.4783	0.9925	0.4812	2.3049	0.8997	0.7651
0.5207	0.9933	0.4693	2.3628	0.9108	0.7845
0.5764	0.9941	0.4576	2.4211	0.9216	0.8046
0.6356	0.9949	0.4452	2.4847	0.9329	0.8270
0.6916	0.9958	0.4339	2.5445	0.9431	0.8486
0.7579	0.9965	0.4210	2.6144	0.9545	0.8746
0.8111	0.9973	0.4115	2.6677	0.9629	0.8948
0.8711	0.9977	0.4022	2.7209	0.9710	0.9154
0.9750	0.9989	0.3883	2.8039	0.9830	0.9484
1.0866	0.9995	0.3792	2.8597	0.9908	0.9712
1.2038	0.9995	0.3732	2.8970	0.9958	0.9867
1.3109	0.9998	0.3711	2.9103	0.9976	0.9922
1.4217	0.9999	0.3701	2.9170	0.9984	0.9950
1.5501	0.9999	0.3697	2.9196	0.9988	0.9961
1.7695	0.9999	0.3696	2.9204	0.9989	0.9965
1.7695	0.9999	0.3696	2.9204	0.9989	0.9965
1.8988	1.0001	0.3695	2.9209	0.9990	0.9967
2.0073	1.0001	0.3699	2.9185	0.9987	0.9957
2.1368	1.0000	0.3717	2.9069	0.9971	0.9908
2.2526	0.9999	0.3721	2.9047	0.9968	0.9899
2.5918	0.9998	0.3712	2.9101	0.9975	0.9921
3.2017	0.9999	0.3700	2.9175	0.9985	0.9952
3.8027	1.0001	0.3696	2.9204	0.9989	0.9965
4.3862	0.9999	0.3691	2.9236	0.9993	0.9978
4.9717	1.0005	0.3688	2.9265	0.9997	0.9990
5.5703	1.0003	0.3684	2.9286	1.0000	0.9999
6.1362	1.0000	0.3683	2.9286	1.0000	0.9999

DEL = 0.1849 DELU= .0282 DEL*= .0621 CM
THETA= .01148 H = 5.412 UE = 624.2 M/SEC
RHOE= 0.2699 KG/M**3 RUN = 4006

MACH = 3.00 PO = 298.2 KPA TO = 307.6 K
ALPHA= 6.34 Z/D= 5.56 PHI= 30.
RPM= 0. PW = 8.12 KPA REL=7277459.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9229	0.9229	0.0000	0.0000	0.3870
0.0390	0.9671	0.7627	1.1578	0.5641	0.4684
0.0509	0.9694	0.7430	1.2341	0.5935	0.4807
0.0749	0.9730	0.7085	1.3663	0.6417	0.5041
0.0929	0.9774	0.6654	1.5310	0.6968	0.5369
0.1139	0.9796	0.6417	1.6226	0.7251	0.5567
0.1410	0.9815	0.6166	1.7201	0.7536	0.5792
0.1651	0.9839	0.5884	1.8332	0.7846	0.6071
0.1953	0.9856	0.5664	1.9239	0.8078	0.6307
0.2134	0.9870	0.5488	1.9980	0.8259	0.6508
0.2498	0.9885	0.5316	2.0730	0.8432	0.6720
0.2893	0.9899	0.5127	2.1570	0.8617	0.6968
0.3625	0.9912	0.4917	2.2538	0.8818	0.7265
0.4422	0.9923	0.4756	2.3309	0.8968	0.7511
0.5131	0.9934	0.4620	2.3980	0.9094	0.7732
0.5906	0.9942	0.4472	2.4733	0.9228	0.7988
0.6653	0.9956	0.4296	2.5664	0.9385	0.8315
0.7373	0.9967	0.4130	2.6582	0.9531	0.8650
0.8538	0.9982	0.3930	2.7747	0.9704	0.9092
0.9626	0.9990	0.3795	2.8568	0.9818	0.9415
1.0608	0.9994	0.3701	2.9155	0.9896	0.9652
1.1716	0.9997	0.3654	2.9461	0.9935	0.9777
1.2860	1.0000	0.3631	2.9618	0.9956	0.9842
1.3876	0.9999	0.3619	2.9688	0.9964	0.9871
1.4926	0.9995	0.3615	2.9719	0.9968	0.9884
1.6045	1.0000	0.3611	2.9742	0.9971	0.9893
1.7167	1.0001	0.3610	2.9750	0.9972	0.9897
1.8290	1.0001	0.3610	2.9755	0.9973	0.9899
1.9284	1.0002	0.3607	2.9770	0.9975	0.9905
2.0575	1.0001	0.3610	2.9753	0.9972	0.9898
2.1604	1.0000	0.3625	2.9652	0.9960	0.9856
2.2737	1.0000	0.3633	2.9602	0.9953	0.9835
2.5014	1.0001	0.3624	2.9663	0.9961	0.9861
2.7204	1.0001	0.3616	2.9714	0.9968	0.9882
3.0684	1.0002	0.3609	2.9761	0.9973	0.9901
3.6301	1.0002	0.3598	2.9833	0.9983	0.9932
4.1954	1.0003	0.3591	2.9878	0.9988	0.9950
4.7554	1.0003	0.3586	2.9911	0.9992	0.9964
5.3119	1.0005	0.3583	2.9936	0.9995	0.9974
5.8126	1.0003	0.3579	2.9961	0.9998	0.9985

DEL = 0.1954 DELU= .0262 DEL*= .0643 CM
THETA= .01232 H = 5.222 UE = 630.0 M/SEC
RHOE= 0.2582 KG/M**3 RUN = 4048

MACH = 3.00 PO = 298.2 KPA TO = 307.7 K
ALPHA= 6.34 Z/D= 5.56 PHI= 30.
RPM= 20000. PW = 8.12 KPA REL=7272663.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9229	0.9229	0.0000	0.0000	0.3871
0.1046	0.9759	0.6791	1.4783	0.6797	0.5260
0.1162	0.9785	0.6519	1.5825	0.7129	0.5480
0.1512	0.9824	0.6086	1.7523	0.7627	0.5870
0.1717	0.9842	0.5845	1.8490	0.7888	0.6111
0.1951	0.9863	0.5576	1.9608	0.8169	0.6407
0.2538	0.9883	0.5310	2.0754	0.8438	0.6728
0.3306	0.9905	0.5038	2.1979	0.8703	0.7092
0.3928	0.9913	0.4905	2.2593	0.8829	0.7283
0.4674	0.9925	0.4733	2.3420	0.8990	0.7548
0.5422	0.9937	0.4555	2.4303	0.9153	0.7842
0.6236	0.9950	0.4367	2.5280	0.9322	0.8180
0.6963	0.9959	0.4216	2.6098	0.9455	0.8473
0.7662	0.9971	0.4073	2.6908	0.9581	0.8773
0.8488	0.9979	0.3937	2.7704	0.9698	0.9076
0.9319	0.9985	0.3821	2.8398	0.9795	0.9348
1.0280	0.9990	0.3733	2.8952	0.9870	0.9570
1.1386	0.9994	0.3669	2.9362	0.9923	0.9738
1.2368	0.9996	0.3637	2.9565	0.9949	0.9821
1.3447	0.9997	0.3621	2.9674	0.9963	0.9866
1.5549	1.0000	0.3612	2.9736	0.9971	0.9892
1.7629	0.9998	0.3609	2.9750	0.9972	0.9898
1.9875	1.0000	0.3608	2.9764	0.9974	0.9903
2.1937	1.0000	0.3631	2.9618	0.9956	0.9843
2.4241	0.9999	0.3623	2.9661	0.9961	0.9861
2.9636	0.9998	0.3608	2.9755	0.9973	0.9900
3.5277	1.0002	0.3601	2.9814	0.9980	0.9924
4.0625	1.0001	0.3591	2.9875	0.9988	0.9950
4.6018	1.0003	0.3586	2.9911	0.9993	0.9965
5.1351	1.0003	0.3582	2.9939	0.9996	0.9977
5.6510	1.0003	0.3579	2.9961	0.9999	0.9986

DEL = 0.2017 DELU= .0300 DEL*= .0682 CM
THETA= .01229 H = 5.548 UE = 630.1 M/SEC
RHOE= 0.2580 KG/M**3 RUN = 4049

MACH = 3.00 PO = 297.7 KPA TO = 308.2 K
ALPHA= 6.34 Z/D= 5.56 PHI= 60.
RPM= 0. PW = 6.70 KPA REL=7239493.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9194	0.9194	0.0000	0.0000	0.3569
0.0319	0.9631	0.7694	1.1221	0.5370	0.4264
0.0516	0.9671	0.7398	1.2394	0.5817	0.4435
0.0639	0.9712	0.7001	1.3914	0.6353	0.4685
0.0811	0.9744	0.6697	1.5084	0.6735	0.4899
0.1107	0.9778	0.6328	1.6511	0.7167	0.5185
0.1354	0.9808	0.5963	1.7954	0.7566	0.5501
0.1750	0.9838	0.5619	1.9374	0.7925	0.5838
0.1999	0.9856	0.5386	2.0373	0.8158	0.6092
0.2347	0.9871	0.5187	2.1251	0.8351	0.6325
0.2948	0.9886	0.4986	2.2169	0.8541	0.6580
0.3475	0.9898	0.4829	2.2907	0.8686	0.6793
0.4132	0.9911	0.4639	2.3837	0.8859	0.7072
0.4640	0.9926	0.4424	2.4937	0.9050	0.7416
0.5431	0.9937	0.4263	2.5799	0.9191	0.7697
0.6124	0.9948	0.4105	2.6676	0.9326	0.7992
0.6665	0.9956	0.3977	2.7417	0.9434	0.8249
0.7365	0.9966	0.3828	2.8315	0.9559	0.8571
0.7912	0.9973	0.3719	2.8999	0.9649	0.8823
0.8675	0.9980	0.3605	2.9738	0.9742	0.9102
0.9530	0.9988	0.3505	3.0410	0.9823	0.9362
1.0521	0.9990	0.3440	3.0858	0.9875	0.9538
1.1353	0.9994	0.3410	3.1070	0.9899	0.9623
1.2214	0.9995	0.3395	3.1174	0.9911	0.9664
1.3131	0.9995	0.3387	3.1232	0.9917	0.9687
1.3942	0.9994	0.3380	3.1277	0.9922	0.9706
1.4945	0.9994	0.3377	3.1304	0.9925	0.9716
1.5759	0.9994	0.3373	3.1333	0.9929	0.9728
1.7606	0.9997	0.3367	3.1377	0.9934	0.9746
2.0317	0.9997	0.3357	3.1447	0.9941	0.9774
2.4962	0.9997	0.3365	3.1393	0.9935	0.9752
2.9732	0.9999	0.3351	3.1499	0.9947	0.9795
3.4309	0.9997	0.3328	3.1655	0.9964	0.9859
3.8675	1.0000	0.3314	3.1763	0.9976	0.9903
4.3431	0.9999	0.3299	3.1864	0.9987	0.9944
4.7585	1.0001	0.3290	3.1939	0.9995	0.9975

DEL = 0.2385 DELU= .0316 DEL*= .0820 CM
THETA= .01433 H = 5.722 UE = 644.9 M/SEC
RHOE= 0.2314 KG/M**3 RUN = 4055

MACH = 3.00 PO = 297.6 KPA TO = 308.3 K
ALPHA= 6.34 Z/D= 5.56 PHI= 60.
RPM= 20000. PW = 6.70 KPA REL=7239239.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9194	0.9194	0.0000	0.0000	0.3571
0.0887	0.9741	0.6730	1.4957	0.6697	0.4879
0.1175	0.9781	0.6323	1.6535	0.7175	0.5194
0.1416	0.9808	0.5987	1.7863	0.7543	0.5484
0.1682	0.9831	0.5704	1.9021	0.7840	0.5756
0.2264	0.9870	0.5208	2.1157	0.8333	0.6305
0.2874	0.9884	0.5001	2.2092	0.8528	0.6564
0.3462	0.9897	0.4841	2.2853	0.8678	0.6783
0.4028	0.9910	0.4661	2.3727	0.8841	0.7044
0.4623	0.9922	0.4481	2.4640	0.9002	0.7327
0.5319	0.9936	0.4309	2.5551	0.9153	0.7621
0.5995	0.9946	0.4131	2.6531	0.9306	0.7948
0.6473	0.9955	0.3998	2.7294	0.9419	0.8213
0.7181	0.9964	0.3854	2.8156	0.9539	0.8520
0.7765	0.9972	0.3736	2.8891	0.9637	0.8789
0.8483	0.9979	0.3625	2.9607	0.9728	0.9059
0.9265	0.9986	0.3536	3.0202	0.9800	0.9288
1.0205	0.9991	0.3455	3.0729	0.9862	0.9494
1.1042	0.9993	0.3422	3.0989	0.9892	0.9598
1.1908	0.9993	0.3401	3.1129	0.9908	0.9654
1.2802	0.9994	0.3390	3.1206	0.9917	0.9685
1.3724	0.9994	0.3383	3.1258	0.9922	0.9705
1.4596	0.9996	0.3379	3.1291	0.9926	0.9719
1.5469	0.9996	0.3375	3.1316	0.9929	0.9729
1.7111	0.9997	0.3368	3.1371	0.9935	0.9751
1.9888	0.9997	0.3357	3.1451	0.9944	0.9783
2.4253	0.9997	0.3366	3.1381	0.9936	0.9755
2.8797	0.9998	0.3347	3.1521	0.9951	0.9812
3.3421	0.9999	0.3329	3.1652	0.9966	0.9865
3.7841	1.0000	0.3315	3.1751	0.9977	0.9905
4.2185	1.0001	0.3303	3.1839	0.9986	0.9941
4.6490	1.0001	0.3293	3.1914	0.9994	0.9972

DEL = 0.2446 DELU= .0349 DEL*= .0851 CM
THETA= .01419 H = 5.999 UE = 644.8 M/SEC
RHOE= 0.2313 KG/M**3 RUN = 4056

MACH = 3.00 PO = 298.7 KPA TO = 303.2 K
ALPHA= 6.34 Z/D= 5.56 PHI= 120.
RPM= 0. PW = 6.10 KPA REL=7527346.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3533
0.0221	0.9557	0.8232	0.8971	0.4454	0.3945
0.0340	0.9596	0.7979	1.0065	0.4919	0.4070
0.0597	0.9669	0.7472	1.2125	0.5734	0.4348
0.1198	0.9744	0.6792	1.4742	0.6646	0.4784
0.1905	0.9786	0.6353	1.6437	0.7166	0.5115
0.2416	0.9819	0.5998	1.7848	0.7560	0.5419
0.2960	0.9843	0.5731	1.8941	0.7842	0.5672
0.3562	0.9866	0.5462	2.0081	0.8115	0.5953
0.4114	0.9887	0.5216	2.1158	0.8356	0.6234
0.4706	0.9907	0.4976	2.2260	0.8585	0.6537
0.5376	0.9929	0.4725	2.3467	0.8818	0.6886
0.5985	0.9943	0.4515	2.4519	0.9006	0.7207
0.6558	0.9961	0.4315	2.5577	0.9183	0.7543
0.7169	0.9972	0.4153	2.6470	0.9323	0.7838
0.7800	0.9989	0.3979	2.7483	0.9472	0.8185
0.8433	1.0002	0.3811	2.8496	0.9612	0.8546
0.9049	1.0010	0.3676	2.9354	0.9723	0.8862
0.9554	1.0020	0.3586	2.9948	0.9797	0.9066
1.0265	1.0026	0.3485	3.0632	0.9878	0.9350
1.0902	1.0033	0.3430	3.1027	0.9924	0.9505
1.1521	1.0037	0.3388	3.1327	0.9957	0.9624
1.2105	1.0040	0.3372	3.1445	0.9971	0.9671
1.2729	1.0043	0.3362	3.1518	0.9979	0.9700
1.3317	1.0047	0.3359	3.1553	0.9982	0.9714
1.4688	1.0047	0.3349	3.1623	0.9990	0.9743
1.5951	1.0051	0.3345	3.1661	0.9994	0.9758
1.7203	1.0053	0.3341	3.1694	0.9998	0.9771
1.8600	1.0055	0.3336	3.1734	1.0002	0.9788
1.9833	1.0055	0.3330	3.1776	1.0006	0.9805
2.1106	1.0057	0.3327	3.1801	1.0009	0.9815
2.2333	1.0059	0.3324	3.1831	1.0012	0.9827
2.3615	1.0063	0.3320	3.1866	1.0016	0.9841
2.5461	1.0065	0.3316	3.1904	1.0020	0.9857
2.7422	1.0068	0.3311	3.1942	1.0024	0.9872
2.9180	1.0070	0.3308	3.1970	1.0027	0.9884
3.2214	1.0075	0.3303	3.2018	1.0032	0.9903

DEL = 0.3456 DELL= .0590 DEL*= .1463 CM
THETA= .02404 H = 6.085 UE = 637.8 M/SEC
RHOE= 0.2177 KG/M**3 RUN = 4010

MACH = 3.00 PO = 299.0 KPA TO = 304.5 K
ALPHA= 6.34 Z/D= 5.56 PHI= 120.
RPM= 20000. PW = 6.10 KPA REL=7420342.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9194	0.9194	0.0000	0.0000	0.3572
0.0546	0.9681	0.7319	1.2701	0.5939	0.4487
0.0646	0.9702	0.7142	1.3388	0.6183	0.4600
0.0897	0.9733	0.6859	1.4473	0.6550	0.4790
0.1182	0.9766	0.6493	1.5875	0.6991	0.5059
0.1400	0.9782	0.6314	1.6573	0.7197	0.5203
0.1771	0.9806	0.6059	1.7586	0.7480	0.5423
0.2297	0.9828	0.5772	1.8744	0.7783	0.5691
0.2860	0.9849	0.5522	1.9795	0.8038	0.5949
0.3445	0.9870	0.5276	2.0863	0.8281	0.6227
0.3981	0.9887	0.5061	2.1834	0.8488	0.6493
0.4609	0.9906	0.4811	2.3010	0.8721	0.6830
0.5225	0.9922	0.4582	2.4138	0.8928	0.7172
0.5817	0.9936	0.4380	2.5184	0.9107	0.7503
0.6338	0.9946	0.4236	2.5962	0.9232	0.7759
0.6986	0.9958	0.4043	2.7048	0.9397	0.8128
0.7563	0.9970	0.3900	2.7893	0.9517	0.8427
0.8070	0.9977	0.3789	2.8574	0.9610	0.8674
0.8831	0.9985	0.3652	2.9446	0.9722	0.9000
0.9213	0.9990	0.3581	2.9916	0.9780	0.9179
0.9977	0.9995	0.3497	3.0484	0.9848	0.9400
1.0577	0.9998	0.3447	3.0823	0.9888	0.9534
1.1125	1.0002	0.3420	3.1018	0.9910	0.9611
1.1766	1.0005	0.3404	3.1135	0.9923	0.9658
1.2390	1.0005	0.3395	3.1199	0.9930	0.9684
1.2943	1.0006	0.3389	3.1241	0.9935	0.9701
1.4258	1.0006	0.3380	3.1305	0.9942	0.9727
1.5485	1.0010	0.3373	3.1367	0.9949	0.9752
1.7363	1.0011	0.3362	3.1442	0.9957	0.9782
1.9258	1.0011	0.3353	3.1509	0.9965	0.9809
2.2293	1.0016	0.3340	3.1614	0.9976	0.9852
2.5388	1.0016	0.3328	3.1697	0.9985	0.9886
2.8397	1.0017	0.3317	3.1781	0.9994	0.9920
3.1344	1.0020	0.3307	3.1861	1.0003	0.9953

DEL = 0.3555 DELL= .0560 DEL*= .1380 CM
THETA= .02332 H = 5.918 UE = 639.9 M/SEC
RHOE= 0.2137 KG/M**3 RUN = 4011

MACH = 3.00 PO = 298.6 KPA TO = 303.3 K
ALPHA= 6.34 Z/D= 5.56 PHI= 150.
RPM= 0. PW = 6.89 KPA REL=7472219.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3700
0.0126	0.9503	0.8641	0.7061	0.3626	0.3943
0.0331	0.9573	0.8259	0.8918	0.4477	0.4127
0.0735	0.9641	0.7773	1.0960	0.5337	0.4384
0.1072	0.9666	0.7567	1.1776	0.5658	0.4504
0.1371	0.9687	0.7402	1.2424	0.5904	0.4605
0.1703	0.9707	0.7236	1.3067	0.6139	0.4712
0.2026	0.9722	0.7077	1.3670	0.6351	0.4817
0.2403	0.9743	0.6891	1.4385	0.6595	0.4948
0.2752	0.9760	0.6734	1.4990	0.6792	0.5064
0.3104	0.9775	0.6573	1.5608	0.6988	0.5188
0.3442	0.9792	0.6414	1.6228	0.7176	0.5318
0.3791	0.9806	0.6247	1.6878	0.7366	0.5460
0.4141	0.9821	0.6077	1.7551	0.7555	0.5612
0.4438	0.9837	0.5906	1.8244	0.7741	0.5776
0.4843	0.9855	0.5691	1.9126	0.7966	0.5994
0.5206	0.9868	0.5517	1.9860	0.8144	0.6184
0.5570	0.9885	0.5321	2.0711	0.8340	0.6413
0.5881	0.9899	0.5159	2.1433	0.8498	0.6614
0.6320	0.9914	0.4951	2.2390	0.8696	0.6893
0.6643	0.9928	0.4790	2.3158	0.8847	0.7126
0.7020	0.9941	0.4629	2.3951	0.8994	0.7374
0.7388	0.9953	0.4446	2.4886	0.9158	0.7678
0.7746	0.9965	0.4301	2.5663	0.9287	0.7940
0.8127	0.9975	0.4171	2.6376	0.9400	0.8187
0.8495	0.9984	0.4047	2.7083	0.9507	0.8439
0.8874	0.9991	0.3936	2.7736	0.9601	0.8677
0.9200	0.9999	0.3836	2.8341	0.9685	0.8904
0.9615	1.0005	0.3737	2.8957	0.9768	0.9139
0.9961	1.0013	0.3647	2.9544	0.9843	0.9368
1.0316	1.0021	0.3512	3.0440	0.9953	0.9727
1.1422	1.0026	0.3468	3.0746	0.9989	0.9852
1.2172	1.0029	0.3453	3.0860	1.0002	0.9899
1.2863	1.0031	0.3448	3.0898	1.0006	0.9914
1.3964	1.0031	0.3448	3.0894	1.0006	0.9913
1.5054	1.0035	0.3444	3.0933	1.0010	0.9929
1.6825	1.0037	0.3437	3.0982	1.0016	0.9949
1.8458	1.0039	0.3436	3.0999	1.0018	0.9956

DEL = 0.6037 DELL= .1345 DEL*= .2906 CM
THETA= .04913 H = 5.914 UE = 631.9 M/SEC
RHOE= 0.2338 KG/M**3 RUN = 4015

MACH = 3.00 PO = 298.6 KPA TO = 304.0 K
ALPHA= 6.34 Z/D= 5.56 PHI= 150.
RPM= 20000. PW = 6.89 KPA REL=7429757.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9210	0.9210	0.0000	0.0000	0.3708
0.0419	0.9583	0.8177	0.9271	0.4626	0.4176
0.0821	0.9666	0.7551	1.1835	0.5675	0.4523
0.1105	0.9693	0.7313	1.2755	0.6019	0.4670
0.1534	0.9721	0.7047	1.3776	0.6381	0.4847
0.1899	0.9745	0.6825	1.4625	0.6667	0.5005
0.2245	0.9764	0.6653	1.5291	0.6881	0.5136
0.2661	0.9783	0.6421	1.6179	0.7153	0.5320
0.3045	0.9802	0.6226	1.6948	0.7378	0.5488
0.3445	0.9817	0.6036	1.7698	0.7586	0.5659
0.3794	0.9835	0.5838	1.8503	0.7800	0.5852
0.4191	0.9849	0.5665	1.9215	0.7979	0.6031
0.4600	0.9866	0.5464	2.0070	0.8184	0.6253
0.4952	0.9879	0.5295	2.0804	0.8351	0.6453
0.5374	0.9894	0.5094	2.1705	0.8546	0.6708
0.5704	0.9907	0.4948	2.2385	0.8686	0.6907
0.6128	0.9919	0.4771	2.3230	0.8850	0.7164
0.6542	0.9931	0.4602	2.4063	0.9004	0.7427
0.6979	0.9944	0.4447	2.4857	0.9143	0.7686
0.7287	0.9954	0.4312	2.5579	0.9263	0.7929
0.7727	0.9962	0.4199	2.6197	0.9362	0.8143
0.8133	0.9971	0.4054	2.7012	0.9486	0.8433
0.8540	0.9977	0.3943	2.7660	0.9580	0.8669
0.8936	0.9985	0.3845	2.8259	0.9663	0.8893
0.9357	0.9991	0.3746	2.8875	0.9746	0.9128
0.9771	0.9997	0.3659	2.9427	0.9817	0.9343
1.0105	1.0004	0.3604	2.9799	0.9864	0.9491
1.0563	1.0006	0.3543	3.0202	0.9913	0.9653
1.0981	1.0008	0.3502	3.0479	0.9946	0.9765
1.1398	1.0012	0.3474	3.0675	0.9969	0.9845
1.1777	1.0013	0.3462	3.0761	0.9979	0.9880
1.2203	1.0015	0.3454	3.0815	0.9986	0.9903
1.2592	1.0015	0.3449	3.0850	0.9990	0.9917
1.4586	1.0014	0.3440	3.0913	0.9997	0.9943
1.6572	1.0016	0.3436	3.0947	1.0001	0.9957
1.8536	1.0016	0.3433	3.0966	1.0003	0.9965
2.0392	1.0016	0.3429	3.0991	1.0006	0.9976

DEL = 0.5476 DELL= .1114 DEL*= .2451 CM
THETA= .04185 H = 5.858 UE = 633.3 M/SEC
RHOE= 0.2326 KG/M**3 RUN = 4016

MACH = 3.00 PO = 298.1 KPA TO = 304.0 K
ALPHA= 6.34 Z/D= 5.56 PHI= 170.
RPM= 0. PW = 7.16 KPA REL=7459482.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9211	0.9211	0.0000	0.0000	0.3716
0.0093	0.9553	0.8394	0.8308	0.4221	0.4078
0.0182	0.9590	0.8160	0.9363	0.4690	0.4195
0.0293	0.9659	0.7664	1.1408	0.5538	0.4467
0.0523	0.9712	0.7237	1.3077	0.6167	0.4733
0.0758	0.9738	0.6982	1.4048	0.6508	0.4905
0.1002	0.9760	0.6767	1.4869	0.6781	0.5061
0.1212	0.9776	0.6616	1.5455	0.6968	0.5178
0.1423	0.9788	0.6481	1.5975	0.7129	0.5286
0.1716	0.9807	0.6317	1.6619	0.7321	0.5424
0.1967	0.9819	0.6177	1.7170	0.7479	0.5548
0.2220	0.9829	0.6056	1.7649	0.7612	0.5658
0.2482	0.9839	0.5935	1.8137	0.7744	0.5774
0.2701	0.9851	0.5837	1.8543	0.7850	0.5873
0.2951	0.9861	0.5722	1.9018	0.7971	0.5991
0.3199	0.9868	0.5623	1.9430	0.8073	0.6096
0.3487	0.9877	0.5513	1.9894	0.8185	0.6218
0.3705	0.9884	0.5422	2.0286	0.8277	0.6323
0.4009	0.9894	0.5318	2.0743	0.8381	0.6448
0.4260	0.9902	0.5232	2.1124	0.8466	0.6554
0.4495	0.9909	0.5146	2.1513	0.8550	0.6664
0.4778	0.9919	0.5058	2.1921	0.8636	0.6782
0.5022	0.9923	0.4973	2.2311	0.8716	0.6897
0.5321	0.9931	0.4887	2.2716	0.8797	0.7019
0.5582	0.9937	0.4807	2.3101	0.8872	0.7137
0.5843	0.9942	0.4728	2.3482	0.8944	0.7256
0.6121	0.9951	0.4635	2.3853	0.9013	0.7373
0.6369	0.9958	0.4580	2.4229	0.9081	0.7494
0.6633	0.9963	0.4506	2.4605	0.9147	0.7617
0.6897	0.9968	0.4429	2.5005	0.9216	0.7749
0.7164	0.9975	0.4357	2.5390	0.9280	0.7879
0.7436	0.9981	0.4290	2.5755	0.9340	0.8004
0.7725	0.9988	0.4217	2.6160	0.9404	0.8144
0.7979	0.9994	0.4154	2.6514	0.9460	0.8269
0.8281	1.0001	0.4079	2.6943	0.9525	0.8423
0.8534	1.0003	0.4016	2.7300	0.9577	0.8552
0.8810	1.0009	0.3959	2.7640	0.9627	0.8677
0.9077	1.0013	0.3893	2.8038	0.9683	0.8826
0.9326	1.0020	0.3840	2.8368	0.9728	0.8950
0.9620	1.0027	0.3782	2.8736	0.9778	0.9091
0.9866	1.0034	0.3727	2.9090	0.9824	0.9228

DEL = 0.8218 DELU= .1318 DEL*= .3334 CM
THETA=.05972 H = 5.583 UE = 630.2 M/SEC
RHOE = .2425 RUN = 4023

MACH = 3.00 PO = 298.2 KPA TO = 305.0 K
ALPHA= 6.34 Z/D= 5.56 PHI= 170.
RPM= 20000. PW = 7.18 KPA REL=7388083.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9212	0.9212	0.0000	0.0000	0.3726
0.0278	0.9611	0.8011	0.9996	0.4947	0.4285
0.0389	0.9653	0.7702	1.1254	0.5461	0.4458
0.0628	0.9693	0.7363	1.2581	0.5968	0.4663
0.0995	0.9728	0.7034	1.3840	0.6417	0.4881
0.1317	0.9752	0.6790	1.4768	0.6728	0.5056
0.1697	0.9775	0.6567	1.5630	0.7002	0.5229
0.2087	0.9796	0.6335	1.6528	0.7273	0.5421
0.2445	0.9812	0.6152	1.7248	0.7479	0.5582
0.2814	0.9826	0.5964	1.7993	0.7683	0.5757
0.3214	0.9846	0.5770	1.8792	0.7891	0.5952
0.3578	0.9861	0.5601	1.9503	0.8067	0.6134
0.3983	0.9874	0.5435	2.0209	0.8235	0.6321
0.4373	0.9886	0.5271	2.0926	0.8397	0.6518
0.4734	0.9897	0.5126	2.1573	0.8537	0.6702
0.5142	0.9910	0.4976	2.2266	0.8681	0.6905
0.5417	0.9919	0.4881	2.2714	0.8770	0.7040
0.5804	0.9928	0.4752	2.3338	0.8890	0.7232
0.6089	0.9936	0.4660	2.3794	0.8975	0.7376
0.6471	0.9945	0.4535	2.4419	0.9087	0.7578
0.6871	0.9955	0.4416	2.5042	0.9195	0.7785
0.7260	0.9962	0.4311	2.5602	0.9288	0.7975
0.7703	0.9969	0.4194	2.6241	0.9389	0.8197
0.8112	0.9978	0.4089	2.6835	0.9480	0.8409
0.8511	0.9986	0.3988	2.7423	0.9567	0.8623
0.8923	0.9991	0.3893	2.7984	0.9647	0.8832
0.9317	0.9999	0.3796	2.8582	0.9728	0.9059
0.9704	1.0006	0.3717	2.9083	0.9795	0.9253
1.0100	1.0013	0.3626	2.9675	0.9870	0.9487
1.0503	1.0017	0.3555	3.0147	0.9928	0.9677
1.0883	1.0021	0.3504	3.0492	0.9970	0.9818
1.1198	1.0022	0.3482	3.0646	0.9988	0.9881
1.1444	1.0023	0.3468	3.0743	0.9999	0.9921
1.1987	1.0023	0.3456	3.0822	1.0008	0.9954
1.2511	1.0025	0.3454	3.0844	1.0011	0.9962
1.3033	1.0025	0.3453	3.0850	1.0012	0.9965
1.4280	1.0027	0.3452	3.0862	1.0013	0.9970

DEL = 0.8241 DELU= .1446 DEL*= .3430 CM
THETA= .06107 H = 5.616 UE = 633.1 M/SEC
RHOE= 0.2409 KG/M**3 RUN = 4024

MACH = 3.00 PO = 298.3 KPA TO = 306.1 K
ALPHA= 6.34 Z/D= 5.56 PHI= 180.
RPM= 0. PW = 7.14 KPA REL=7364254.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3698
0.0095	0.9572	0.8270	0.8873	0.4453	0.4120
0.0124	0.9587	0.8187	0.9245	0.4616	0.4162
0.0241	0.9665	0.7616	1.1600	0.5585	0.4475
0.0388	0.9710	0.7220	1.3134	0.6157	0.4721
0.0624	0.9747	0.6881	1.4430	0.6604	0.4954
0.0884	0.9771	0.6628	1.5399	0.6916	0.5143
0.1139	0.9791	0.6438	1.6137	0.7142	0.5296
0.1388	0.9807	0.6252	1.6863	0.7355	0.5454
0.1646	0.9819	0.6091	1.7492	0.7532	0.5596
0.1898	0.9835	0.5927	1.8155	0.7710	0.5752
0.2168	0.9849	0.5769	1.8806	0.7879	0.5911
0.2438	0.9861	0.5620	1.9426	0.8033	0.6068
0.2682	0.9871	0.5475	2.0036	0.8178	0.6227
0.3185	0.9894	0.5195	2.1248	0.8451	0.6559
0.3714	0.9911	0.4965	2.2316	0.8674	0.6868
0.4238	0.9927	0.4770	2.3251	0.8856	0.7151
0.4788	0.9940	0.4609	2.4049	0.9004	0.7402
0.5339	0.9949	0.4451	2.4852	0.9144	0.7663
0.5894	0.9959	0.4326	2.5517	0.9255	0.7886
0.6395	0.9970	0.4215	2.6127	0.9353	0.8096
0.6973	0.9978	0.4098	2.6781	0.9454	0.8326
0.7533	0.9984	0.3999	2.7354	0.9538	0.8533
0.8089	0.9990	0.3902	2.7931	0.9620	0.8745
0.8658	1.0001	0.3816	2.8466	0.9694	0.8947
0.9238	1.0003	0.3728	2.9010	0.9766	0.9155
0.9777	1.0011	0.3657	2.9477	0.9826	0.9337
1.0315	1.0016	0.3586	2.9941	0.9884	0.9521
1.0804	1.0021	0.3530	3.0319	0.9929	0.9673
1.1357	1.0022	0.3483	3.0637	0.9967	0.9803
1.1958	1.0024	0.3448	3.0881	0.9996	0.9903
1.2491	1.0027	0.3435	3.0976	1.0007	0.9942
1.3037	1.0029	0.3432	3.1000	1.0009	0.9952
1.3558	1.0029	0.3432	3.1003	1.0010	0.9953
1.4339	1.0029	0.3431	3.1009	1.0010	0.9956

DEL = 0.7993 DELU= .1080 DEL*= .2824 CM
THETA= .05176 H = 5.455 UE = 635.5 M/SEC
RHOE= 0.2407 KG/M**3 RUN = 4003

MACH = 3.00 PO = 298.0 KPA TO = 306.8 K
ALPHA= 6.34 Z/D= 5.56 PHI= 180.
RPM= 20000. PW = 7.12 KPA REL=7307329.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9209	0.9209	0.0000	0.0000	0.3705
0.0217	0.9603	0.8040	0.9860	0.4876	0.4245
0.0267	0.9630	0.7855	1.0628	0.5195	0.4345
0.0391	0.9672	0.7476	1.2119	0.5780	0.4564
0.0507	0.9700	0.7246	1.3012	0.6109	0.4709
0.0639	0.9717	0.7103	1.3566	0.6305	0.4805
0.0874	0.9742	0.6856	1.4509	0.6625	0.4979
0.1126	0.9760	0.6652	1.5283	0.6875	0.5130
0.1342	0.9776	0.6471	1.5983	0.7091	0.5274
0.1634	0.9794	0.6278	1.6733	0.7312	0.5436
0.1876	0.9807	0.6119	1.7360	0.7490	0.5577
0.2120	0.9823	0.5959	1.8004	0.7665	0.5727
0.2373	0.9838	0.5797	1.8669	0.7838	0.5889
0.2643	0.9852	0.5624	1.9389	0.8018	0.6070
0.2904	0.9860	0.5492	1.9938	0.8149	0.6214
0.3172	0.9873	0.5348	2.0566	0.8294	0.6383
0.3418	0.9880	0.5226	2.1102	0.8413	0.6531
0.3687	0.9891	0.5109	2.1634	0.8527	0.6682
0.4189	0.9906	0.4905	2.2578	0.8719	0.6960
0.4741	0.9922	0.4705	2.3547	0.8905	0.7257
0.5261	0.9933	0.4540	2.4370	0.9054	0.7520
0.5793	0.9945	0.4386	2.5174	0.9192	0.7786
0.6321	0.9952	0.4255	2.5875	0.9306	0.8024
0.6876	0.9963	0.4126	2.6596	0.9419	0.8277
0.7455	0.9972	0.4017	2.7226	0.9513	0.8503
0.8004	0.9978	0.3915	2.7830	0.9599	0.8725
0.8558	0.9986	0.3829	2.8355	0.9672	0.8923
0.9099	0.9989	0.3742	2.8894	0.9743	0.9129
0.9656	0.9996	0.3660	2.9418	0.9811	0.9333
1.0196	1.0001	0.3587	2.9899	0.9871	0.9523
1.0727	1.0006	0.3523	3.0333	0.9924	0.9698
1.1259	1.0009	0.3476	3.0657	0.9962	0.9830
1.1812	1.0011	0.3446	3.0865	0.9986	0.9916
1.2338	1.0014	0.3432	3.0966	0.9998	0.9957
1.2879	1.0011	0.3425	3.1008	1.0003	0.9975
1.3393	1.0015	0.3423	3.1029	1.0005	0.9983
1.4158	1.0013	0.3423	3.1026	1.0005	0.9983

DEL = 0.8086 DELU= .1193 DEL*= .2966 CM
THETA= .05377 H = 5.516 UE = 636.5 M/SEC
RHOE= 0.2390 KG/M**3 RUN = 4004

MACH = 3.00 PO = 298.3 KPA TO = 307.6 K
ALPHA= 6.34 Z/D= 5.56 PHI= 190.
RPM= 20000. PW = 7.19 KPA REL=7284635.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9215	0.9215	0.0000	0.0000	0.3749
0.0252	0.9648	0.7725	1.1157	0.5424	0.4472
0.0367	0.9688	0.7384	1.2490	0.5937	0.4678
0.0610	0.9729	0.7020	1.3890	0.6437	0.4922
0.0854	0.9751	0.6777	1.4813	0.6745	0.5097
0.1086	0.9769	0.6588	1.5539	0.6976	0.5244
0.1327	0.9787	0.6435	1.6136	0.7159	0.5370
0.1793	0.9807	0.6176	1.7145	0.7453	0.5594
0.2264	0.9825	0.5946	1.8061	0.7703	0.5810
0.2750	0.9846	0.5729	1.8955	0.7935	0.6032
0.3271	0.9862	0.5527	1.9804	0.8142	0.6252
0.3795	0.9875	0.5354	2.0549	0.8315	0.6454
0.4305	0.9887	0.5197	2.1241	0.8469	0.6649
0.4795	0.9898	0.5054	2.1890	0.8607	0.6837
0.5286	0.9908	0.4910	2.2560	0.8743	0.7038
0.5819	0.9921	0.4757	2.3297	0.8886	0.7266
0.6355	0.9930	0.4601	2.4062	0.9027	0.7510
0.6840	0.9941	0.4456	2.4810	0.9158	0.7757
0.7362	0.9951	0.4317	2.5545	0.9281	0.8007
0.7928	0.9961	0.4158	2.6419	0.9420	0.8313
0.8434	0.9972	0.4027	2.7171	0.9533	0.8585
0.8921	0.9980	0.3903	2.7900	0.9638	0.8857
0.9454	0.9988	0.3771	2.8711	0.9749	0.9167
0.9987	0.9995	0.3652	2.9472	0.9848	0.9466
1.0480	1.0003	0.3559	3.0089	0.9925	0.9715
1.1020	1.0007	0.3499	3.0492	0.9973	0.9880
1.1541	1.0006	0.3476	3.0650	0.9992	0.9946
1.2054	1.0009	0.3469	3.0702	0.9998	0.9967
1.2541	1.0009	0.3467	3.0714	0.9999	0.9972
1.3818	1.0009	0.3464	3.0738	1.0002	0.9982

DEL = 0.8447 DELL= .1361 DEL*= .3368 CM
THETA= .06225 H = 5.411 UE = 635.5 M/SEC
RHOE= 0.2383 KG/M**3 RUN = 4034

MACH = 3.00 PO. = 298.3 KPA TO = 306.8 K
ALPHA= 6.34 Z/D= 5.56 PHI= 190.
RPM= 0. PW = 7.19 KPA REL=7351412.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9213	0.9213	0.0000	0.0000	0.3739
0.0092	0.9542	0.8461	0.7992	0.4075	0.4072
0.0189	0.9613	0.8001	1.0034	0.4975	0.4306
0.0397	0.9678	0.7481	1.2117	0.5809	0.4605
0.0639	0.9723	0.7194	1.3234	0.6221	0.4791
0.0875	0.9734	0.6998	1.3980	0.6481	0.4925
0.1113	0.9751	0.6824	1.4645	0.6704	0.5050
0.1309	0.9767	0.6693	1.5155	0.6870	0.5151
0.1615	0.9779	0.6530	1.5771	0.7063	0.5278
0.1851	0.9794	0.6403	1.6275	0.7216	0.5385
0.2081	0.9805	0.6275	1.6771	0.7361	0.5494
0.2342	0.9817	0.6159	1.7233	0.7493	0.5599
0.2597	0.9828	0.6048	1.7679	0.7617	0.5703
0.2809	0.9836	0.5960	1.8032	0.7712	0.5787
0.3358	0.9855	0.5727	1.8984	0.7959	0.6022
0.3887	0.9872	0.5533	1.9801	0.8159	0.6234
0.4387	0.9888	0.5349	2.0596	0.8344	0.6450
0.4912	0.9904	0.5153	2.1471	0.8536	0.6697
0.5423	0.9918	0.4968	2.2320	0.8713	0.6946
0.5960	0.9931	0.4786	2.3182	0.8883	0.7210
0.6486	0.9947	0.4610	2.4058	0.9045	0.7488
0.7006	0.9960	0.4443	2.4915	0.9196	0.7770
0.7574	0.9972	0.4285	2.5763	0.9336	0.8060
0.8104	0.9982	0.4136	2.6583	0.9465	0.8349
0.8615	0.9994	0.4010	2.7317	0.9575	0.8615
0.9146	1.0006	0.3882	2.8084	0.9684	0.8902
0.9692	1.0016	0.3752	2.8890	0.9793	0.9212
1.0254	1.0025	0.3630	2.9679	0.9895	0.9523
1.0735	1.0030	0.3549	3.0215	0.9961	0.9740
1.1280	1.0035	0.3498	3.0566	1.0003	0.9884
1.1822	1.0038	0.3481	3.0688	1.0017	0.9934
1.2371	1.0040	0.3477	3.0721	1.0021	0.9948
1.2885	1.0044	0.3476	3.0736	1.0023	0.9955
1.4162	1.0046	0.3477	3.0736	1.0023	0.9955

DEL = 0.8246 DELU= .1407 DEL*= .3439 CM
THETA= .06230 H = 5.520 UE = 633.4 M/SEC
RHOE= 0.2402 KG/M**3 RUN = 4033

MACH = 3.00 PO = 298.4 KPA TO = 305.5 K
ALPHA= 6.34 Z/D= 5.56 PHI= 210.
RPM= 0. PW = 6.89 KPA REL=7374564.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3680
0.0124	0.9505	0.8612	0.7200	0.3685	0.3934
0.0217	0.9538	0.8455	0.8003	0.4058	0.4008
0.0520	0.9624	0.7888	1.0489	0.5137	0.4296
0.0874	0.9656	0.7654	1.1436	0.5516	0.4428
0.1182	0.9675	0.7486	1.2092	0.5768	0.4528
0.1493	0.9693	0.7328	1.2702	0.5995	0.4625
0.1854	0.9713	0.7147	1.3399	0.6245	0.4742
0.2130	0.9727	0.7014	1.3906	0.6421	0.4832
0.2496	0.9745	0.6830	1.4608	0.6656	0.4962
0.2805	0.9761	0.6688	1.5155	0.6833	0.5068
0.3177	0.9778	0.6521	1.5801	0.7034	0.5199
0.3542	0.9794	0.6347	1.6477	0.7236	0.5342
0.3883	0.9810	0.6184	1.7122	0.7421	0.5484
0.4205	0.9820	0.6040	1.7689	0.7578	0.5613
0.4516	0.9834	0.5880	1.8335	0.7750	0.5766
0.4901	0.9851	0.5695	1.9103	0.7945	0.5955
0.5193	0.9863	0.5540	1.9753	0.8104	0.6121
0.5622	0.9879	0.5338	2.0623	0.8305	0.6353
0.5947	0.9891	0.5167	2.1382	0.8471	0.6563
0.6283	0.9905	0.4983	2.2224	0.8647	0.6806
0.6639	0.9919	0.4815	2.3023	0.8804	0.7045
0.7018	0.9931	0.4644	2.3860	0.8961	0.7304
0.7346	0.9944	0.4477	2.4710	0.9111	0.7577
0.7706	0.9955	0.4324	2.5515	0.9246	0.7845
0.8057	0.9964	0.4181	2.6299	0.9371	0.8114
0.8420	0.9974	0.4062	2.6973	0.9473	0.8352
0.8794	0.9984	0.3938	2.7703	0.9579	0.8617
0.9161	0.9991	0.3827	2.8375	0.9672	0.8867
0.9480	0.9999	0.3725	2.9021	0.9758	0.9112
0.9832	1.0006	0.3648	2.9516	0.9821	0.9305
1.0563	1.0016	0.3505	3.0479	0.9939	0.9688
1.0976	1.0017	0.3464	3.0756	0.9972	0.9801
1.1301	1.0018	0.3447	3.0871	0.9985	0.9848
1.1592	1.0019	0.3439	3.0928	0.9992	0.9871
1.2349	1.0023	0.3432	3.0985	0.9998	0.9895
1.3005	1.0023	0.3429	3.1007	1.0001	0.9904
1.3766	1.0025	0.3425	3.1038	1.0004	0.9917

DEL = 0.6164 DELL= .1378 DEL*= .2987 CM
THETA= .05025 H = 5.944 UE = 635.7 M/SEC
RHOE= 0.2331 KG/M**3 RUN = 4044

MACH = 3.00 PO = 298.4 KPA TO = 306.5 K
ALPHA= 6.34 Z/D= 5.56 PHI= 210.
RPM= 20000. PW = 6.89 KPA REL=7328791.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9207	0.9207	0.0000	0.0000	0.3687
0.0264	0.9591	0.8123	0.9507	0.4718	0.4180
0.0444	0.9631	0.7833	1.0712	0.5221	0.4335
0.0677	0.9656	0.7649	1.1454	0.5516	0.4440
0.0972	0.9675	0.7488	1.2084	0.5758	0.4535
0.1410	0.9694	0.7285	1.2858	0.6044	0.4660
0.1799	0.9712	0.7138	1.3428	0.6247	0.4757
0.2255	0.9730	0.6981	1.4031	0.6455	0.4864
0.2751	0.9745	0.6822	1.4638	0.6657	0.4978
0.3153	0.9760	0.6672	1.5211	0.6841	0.5090
0.3667	0.9778	0.6494	1.5903	0.7056	0.5230
0.4135	0.9795	0.6302	1.6647	0.7276	0.5389
0.4559	0.9813	0.6101	1.7443	0.7501	0.5568
0.5078	0.9834	0.5850	1.8453	0.7771	0.5806
0.5552	0.9856	0.5593	1.9524	0.8038	0.6074
0.6064	0.9874	0.5341	2.0602	0.8289	0.6360
0.6511	0.9896	0.5069	2.1822	0.8553	0.6702
0.6989	0.9914	0.4813	2.3020	0.8792	0.7058
0.7480	0.9933	0.4541	2.4365	0.9039	0.7480
0.7943	0.9948	0.4329	2.5477	0.9228	0.7848
0.8434	0.9963	0.4106	2.6703	0.9420	0.8273
0.8960	0.9977	0.3908	2.7868	0.9590	0.8695
0.9246	0.9984	0.3806	2.8488	0.9674	0.8927
0.9581	0.9990	0.3702	2.9145	0.9761	0.9179
0.9914	0.9996	0.3613	2.9723	0.9834	0.9405
1.0237	1.0000	0.3545	3.0177	0.9890	0.9586
1.0577	1.0003	0.3494	3.0518	0.9931	0.9724
1.0877	1.0009	0.3465	3.0726	0.9955	0.9808
1.1193	1.0006	0.3446	3.0853	0.9970	0.9860
1.1508	1.0007	0.3435	3.0932	0.9979	0.9893
1.2091	1.0009	0.3427	3.0992	0.9986	0.9917
1.3722	1.0012	0.3418	3.1055	0.9993	0.9944
1.5328	1.0010	0.3411	3.1100	0.9998	0.9962
1.6817	1.0011	0.3406	3.1137	1.0002	0.9977

DEL = 0.6824 DELL= .1599 DEL*= .3415 CM
THETA= .05762 H = 5.927 UE = 637.2 M/SEC
RHOE= 0.2316 KG/M**3 RUN = 4045

MACH = 3.00 PO = 297.7 KPA TO = 306.4 K
ALPHA= 6.34 Z/D= 5.56 PHI= 240.
RPM= 0. PW = 6.08 KPA REL=7346709.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9186	0.9186	0.0000	0.0000	0.3502
0.0207	0.9561	0.8166	0.9241	0.4549	0.3940
0.0462	0.9644	0.7568	1.1712	0.5549	0.4252
0.0750	0.9685	0.7228	1.3038	0.6038	0.4451
0.1023	0.9717	0.6966	1.4053	0.6389	0.4620
0.1540	0.9761	0.6514	1.5789	0.6940	0.4941
0.1979	0.9797	0.6138	1.7264	0.7365	0.5244
0.2567	0.9823	0.5837	1.8478	0.7687	0.5515
0.3128	0.9846	0.5551	1.9670	0.7980	0.5799
0.3758	0.9870	0.5272	2.0882	0.8256	0.6107
0.4277	0.9888	0.5027	2.1990	0.8489	0.6405
0.4849	0.9907	0.4799	2.3066	0.8700	0.6710
0.5411	0.9921	0.4590	2.4101	0.8890	0.7016
0.5999	0.9937	0.4400	2.5083	0.9058	0.7320
0.6588	0.9948	0.4201	2.6156	0.9230	0.7666
0.7162	0.9959	0.4035	2.7071	0.9367	0.7973
0.7702	0.9973	0.3885	2.7990	0.9497	0.8251
0.8296	0.9982	0.3742	2.8875	0.9615	0.8609
0.8873	0.9989	0.3627	2.9618	0.9709	0.8882
0.9487	0.9996	0.3522	3.0316	0.9794	0.9146
1.0049	1.0003	0.3446	3.0842	0.9855	0.9349
1.0629	1.0006	0.3389	3.1248	0.9901	0.9508
1.1193	1.0011	0.3347	3.1551	0.9934	0.9628
1.1794	1.0012	0.3323	3.1723	0.9953	0.9697
1.2397	1.0015	0.3310	3.1826	0.9964	0.9738
1.3002	1.0015	0.3302	3.1881	0.9970	0.9760
1.3591	1.0017	0.3299	3.1907	0.9973	0.9771
1.4741	1.0017	0.3293	3.1951	0.9977	0.9789
1.6010	1.0030	0.3294	3.1978	0.9980	0.9800
1.9029	1.0031	0.3280	3.2076	0.9991	0.9840
2.1970	1.0035	0.3271	3.2155	0.9999	0.9872
2.4849	1.0039	0.3263	3.2223	1.0006	0.9900
2.7841	1.0039	0.3256	3.2275	1.0011	0.9921
3.0599	1.0042	0.3250	3.2326	1.0017	0.9942

DEL = 0.3684 DELL= .0613 DEL*= .1524 CM
THETA= .02518 H = 6.051 UE = 644.1 M/SEC
RHOE= 0.2163 KG/M**3 RUN = 4050

MACH = 3.00 PO = 297.7 KPA TO = 307.1 K
ALPHA= 6.34 Z/D= 5.56 PHI= 240.
RPM= 20000. PW = 6.08 KPA REL=7293493.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9183	0.9183	0.0000	0.0000	0.3476
0.0482	0.9616	0.7764	1.0921	0.5221	0.4112
0.0673	0.9644	0.7538	1.1820	0.5568	0.4236
0.0894	0.9668	0.7369	1.2491	0.5817	0.4323
0.1398	0.9707	0.7030	1.3799	0.6276	0.4542
0.1845	0.9738	0.6727	1.4960	0.6656	0.4747
0.2400	0.9767	0.6418	1.6152	0.7020	0.4975
0.2869	0.9793	0.6122	1.7314	0.7350	0.5215
0.3402	0.9816	0.5851	1.8409	0.7639	0.5457
0.3892	0.9841	0.5578	1.9549	0.7919	0.5726
0.4371	0.9860	0.5327	2.0628	0.8167	0.5996
0.4963	0.9881	0.5058	2.1833	0.8423	0.6314
0.5455	0.9897	0.4840	2.2857	0.8625	0.6599
0.6044	0.9918	0.4594	2.4070	0.8848	0.6954
0.6522	0.9930	0.4392	2.5112	0.9026	0.7274
0.7065	0.9944	0.4188	2.6216	0.9202	0.7628
0.7610	0.9958	0.4008	2.7245	0.9354	0.7971
0.8172	0.9969	0.3838	2.8262	0.9496	0.8325
0.8638	0.9980	0.3694	2.9169	0.9614	0.8650
0.9234	0.9988	0.3546	3.0138	0.9733	0.9010
0.9734	0.9996	0.3445	3.0836	0.9815	0.9276
1.0267	0.9999	0.3359	3.1438	0.9882	0.9511
1.0818	1.0004	0.3311	3.1793	0.9921	0.9651
1.1355	1.0005	0.3275	3.2053	0.9948	0.9755
1.1910	1.0009	0.3258	3.2187	0.9962	0.9809
1.2401	1.0010	0.3251	3.2239	0.9968	0.9830
1.3471	1.0010	0.3244	3.2296	0.9974	0.9853
1.4669	1.0012	0.3240	3.2324	0.9977	0.9865
1.7452	1.0011	0.3231	3.2393	0.9984	0.9892
2.0133	1.0013	0.3224	3.2451	0.9990	0.9916
2.2862	1.0012	0.3216	3.2503	0.9995	0.9937
2.5587	1.0014	0.3212	3.2537	0.9999	0.9951
2.8159	1.0014	0.3207	3.2578	1.0003	0.9968

DEL = 0.4016 DELL= .0798 DEL*= .1833 CM
THETA= .02916 H = 6.285 UE = 647.4 M/SEC
RHOE= 0.2170 KG/M**3 RUN = 4051

MACH = 3.00 PO = 298.6 KPA TO = 302.8 K
ALPHA= 6.34 Z/D= 5.56 PHI= 300.
RPM= 0. PW = 6.72 KPA REL=7504256.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9190	0.9190	0.0000	0.0000	0.3536
0.0333	0.9647	0.7569	1.1716	0.5568	0.4294
0.0642	0.9710	0.7049	1.3737	0.6301	0.4611
0.0927	0.9761	0.6534	1.5715	0.6939	0.4975
0.1264	0.9808	0.6045	1.7642	0.7492	0.5379
0.1706	0.9846	0.5611	1.9425	0.7947	0.5756
0.2097	0.9871	0.5265	2.0914	0.8289	0.6176
0.2516	0.9877	0.5207	2.1176	0.8345	0.6246
0.2936	0.9894	0.5014	2.2059	0.8530	0.6487
0.3490	0.9909	0.4862	2.2781	0.8673	0.6693
0.3934	0.9915	0.4771	2.3217	0.8756	0.6820
0.4285	0.9924	0.4674	2.3698	0.8845	0.6963
0.4684	0.9932	0.4552	2.4309	0.8954	0.7150
0.5112	0.9943	0.4425	2.4972	0.9068	0.7357
0.6106	0.9964	0.4167	2.6373	0.9292	0.7814
0.6999	0.9980	0.3961	2.7565	0.9467	0.8223
0.7955	0.9992	0.3775	2.8697	0.9622	0.8629
0.8874	1.0005	0.3620	2.9639	0.9749	0.9001
0.9738	1.0012	0.3519	3.0373	0.9831	0.9259
1.0717	1.0017	0.3439	3.0931	0.9896	0.9477
1.1529	1.0019	0.3402	3.1186	0.9925	0.9578
1.2568	1.0022	0.3380	3.1347	0.9943	0.9642
1.3553	1.0025	0.3368	3.1433	0.9952	0.9676
1.4372	1.0029	0.3364	3.1474	0.9957	0.9693
1.5361	1.0029	0.3361	3.1493	0.9959	0.9701
1.6321	1.0031	0.3357	3.1531	0.9963	0.9716
1.8137	1.0031	0.3351	3.1572	0.9967	0.9732
1.9965	1.0033	0.3344	3.1623	0.9973	0.9753
2.4916	1.0037	0.3351	3.1582	0.9968	0.9736
2.9765	1.0039	0.3336	3.1699	0.9981	0.9784
3.4509	1.0042	0.3318	3.1830	0.9995	0.9837
3.9256	1.0044	0.3312	3.1883	1.0001	0.9859
4.3874	1.0047	0.3302	3.1955	1.0009	0.9888
4.8507	1.0049	0.3290	3.2052	1.0019	0.9928

DEL = 0.2290 DELL= .0306 DEL*= .0819 CM
THETA= .01387 H = 5.908 UE = 638.4 M/SEC
RHOE= 0.2397 KG/M**3 RUN = 4013

MACH = 3.00 PO = 298.6 KPA TO = 303.6 K
ALPHA= 6.34 Z/D= 5.56 PHI= 300.
RPM= 20000. PW = 6.73 KPA REL=7450947.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9191	0.9191	0.0000	0.0000	0.3544
0.0856	0.9739	0.6731	1.4949	0.6669	0.4840
0.1135	0.9777	0.6351	1.6421	0.7137	0.5130
0.1415	0.9810	0.5991	1.7853	0.7535	0.5439
0.1669	0.9831	0.5736	1.8895	0.7803	0.5681
0.2053	0.9855	0.5443	2.0133	0.8099	0.5987
0.2565	0.9865	0.5305	2.0733	0.8234	0.6143
0.3003	0.9864	0.5060	2.1832	0.8468	0.6440
0.3330	0.9895	0.4905	2.2555	0.8613	0.6644
0.3753	0.9905	0.4794	2.3088	0.8716	0.6799
0.4194	0.9913	0.4682	2.3636	0.8818	0.6962
0.4611	0.9919	0.4567	2.4208	0.8920	0.7136
0.5004	0.9931	0.4445	2.4841	0.9029	0.7333
0.5529	0.9937	0.4311	2.5546	0.9145	0.7560
0.5766	0.9946	0.4225	2.6022	0.9221	0.7716
0.6400	0.9956	0.4082	2.6824	0.9343	0.7986
0.6771	0.9962	0.3982	2.7402	0.9427	0.8186
0.7737	0.9978	0.3763	2.8735	0.9609	0.8663
0.8631	0.9987	0.3626	2.9617	0.9722	0.8992
0.9532	0.9993	0.3507	3.0407	0.9817	0.9295
1.0463	1.0001	0.3433	3.0930	0.9878	0.9499
1.1285	1.0004	0.3391	3.1226	0.9911	0.9617
1.2302	1.0007	0.3370	3.1377	0.9928	0.9677
1.3239	1.0006	0.3358	3.1463	0.9938	0.9712
1.3974	1.0008	0.3354	3.1498	0.9941	0.9726
1.5036	1.0008	0.3349	3.1553	0.9945	0.9740
1.6891	1.0008	0.3342	3.1580	0.9950	0.9759
1.9543	1.0009	0.3333	3.1647	0.9958	0.9786
2.4302	1.0008	0.3342	3.1578	0.9950	0.9758
2.9167	1.0011	0.3324	3.1717	0.9965	0.9814
3.3779	1.0012	0.3308	3.1833	0.9978	0.9862
3.8369	1.0015	0.3296	3.1924	0.9988	0.9899
4.3001	1.0014	0.3286	3.1992	0.9995	0.9927
4.7460	1.0018	0.3277	3.2067	1.0003	0.9957

DEL = 0.2340 DELL= .0342 DEL*= .0846 CM
THETA= .01392 H = 6.074 UE = 640.4 M/SEC
RHOE= 0.2385 KG/M**3 RUN = 4014

MACH = 3.00 PO = 298.4 KPA TO = 305.3 K
ALPHA= 6.34 Z/D= 5.56 PHI= 330.
RPM= 0. PW = 8.12 KPA REL=7366697.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9227	0.9227	0.0000	0.0000	0.3860
0.0387	0.9673	0.7584	1.1737	0.5700	0.4696
0.0778	0.9703	0.7359	1.2620	0.6036	0.4841
0.1201	0.9758	0.6800	1.4749	0.6781	0.5238
0.1504	0.9795	0.6398	1.6291	0.7266	0.5567
0.1716	0.9818	0.6122	1.7374	0.7580	0.5818
0.1985	0.9844	0.5806	1.8648	0.7923	0.6134
0.2294	0.9871	0.5490	1.9977	0.8252	0.6489
0.2813	0.9894	0.5182	2.1321	0.8557	0.6874
0.3425	0.9909	0.4979	2.2249	0.8753	0.7155
0.3918	0.9915	0.4885	2.2691	0.8842	0.7293
0.4319	0.9919	0.4810	2.3044	0.8911	0.7405
0.4907	0.9929	0.4686	2.3651	0.9027	0.7602
0.5435	0.9938	0.4563	2.4267	0.9140	0.7807
0.5840	0.9945	0.4451	2.4844	0.9241	0.8004
0.6328	0.9954	0.4325	2.5509	0.9353	0.8237
0.6936	0.9962	0.4227	2.6045	0.9440	0.8429
0.7756	0.9972	0.4071	2.6919	0.9576	0.8751
0.8613	0.9981	0.3928	2.7758	0.9699	0.9071
0.9454	0.9991	0.3802	2.8529	0.9806	0.9373
1.0718	0.9998	0.3693	2.9218	0.9897	0.9651
1.1856	0.9999	0.3638	2.9565	0.9942	0.9793
1.2800	1.0001	0.3616	2.9710	0.9960	0.9853
1.3812	1.0001	0.3604	2.9791	0.9971	0.9886
1.4859	1.0002	0.3600	2.9821	0.9974	0.9899
1.6137	1.0004	0.3596	2.9849	0.9978	0.9910
1.8370	1.0004	0.3592	2.9874	0.9981	0.9921
2.0581	1.0004	0.3592	2.9877	0.9981	0.9922
2.2740	1.0001	0.3612	2.9738	0.9964	0.9864
2.8498	1.0003	0.3601	2.9813	0.9973	0.9895
3.4104	1.0006	0.3595	2.9860	0.9979	0.9915
3.9647	1.0004	0.3585	2.9921	0.9987	0.9941
4.5066	1.0005	0.3577	2.9976	0.9994	0.9963
5.0661	1.0007	0.3573	3.0004	0.9997	0.9975
5.5758	1.0005	0.3569	3.0026	1.0000	0.9984

DEL = 0.1970 DELL= .0278 DEL*= .0669 CM
THETA= .01262 H = 5.300 UE = 628.1 M/SEC
RHOE= 0.2616 KG/M**3 RUN = 4015

MACH = 3.00 PO = 298.3 KPA TO = 305.5 K
ALPHA= 6.34 Z/D= 5.56 PHI= 330.
RPM= 20000. PW = 8.12 KPA REL=7356931.

Y/DEL	TT/TO	T/TO	M	U/UE	RHO/RHOE
0.0000	0.9228	0.9228	0.0000	0.0000	0.3862
0.1279	0.9756	0.6803	1.4731	0.6776	0.5238
0.1579	0.9799	0.6352	1.6472	0.7320	0.5611
0.1880	0.9828	0.6003	1.7849	0.7712	0.5937
0.2181	0.9854	0.5713	1.9038	0.8023	0.6240
0.2483	0.9870	0.5476	2.0031	0.8265	0.6509
0.2755	0.9883	0.5308	2.0761	0.8434	0.6715
0.3301	0.9901	0.5092	2.1729	0.8645	0.7001
0.3697	0.9908	0.4961	2.2331	0.8770	0.7185
0.4369	0.9919	0.4811	2.3038	0.8911	0.7407
0.4829	0.9926	0.4708	2.3542	0.9007	0.7571
0.5290	0.9933	0.4610	2.4028	0.9097	0.7732
0.5722	0.9941	0.4494	2.4618	0.9202	0.7931
0.6341	0.9951	0.4361	2.5318	0.9322	0.8174
0.6870	0.9960	0.4235	2.6000	0.9433	0.8418
0.7368	0.9966	0.4134	2.6556	0.9521	0.8622
0.8531	0.9976	0.3944	2.7651	0.9684	0.9036
0.9524	0.9988	0.3791	2.8588	0.9814	0.9403
1.0422	0.9993	0.3716	2.9059	0.9877	0.9592
1.1613	0.9997	0.3647	2.9503	0.9935	0.9774
1.2548	0.9999	0.3618	2.9693	0.9959	0.9852
1.3776	1.0000	0.3604	2.9788	0.9971	0.9891
1.4943	1.0002	0.3598	2.9832	0.9976	0.9910
1.5852	1.0000	0.3595	2.9849	0.9978	0.9917
1.8194	1.0000	0.3592	2.9865	0.9980	0.9924
2.0383	1.0002	0.3593	2.9865	0.9980	0.9924
2.2521	1.0001	0.3615	2.9721	0.9962	0.9864
2.8258	1.0002	0.3600	2.9818	0.9974	0.9904
3.3809	1.0002	0.3589	2.9893	0.9984	0.9935
3.9265	1.0003	0.3582	2.9940	0.9990	0.9955
4.4632	1.0003	0.3576	2.9979	0.9994	0.9971
5.0142	1.0003	0.3571	3.0009	0.9998	0.9984
5.5222	1.0004	0.3569	3.0026	1.0000	0.9991

DEL = 0.1989 DELU= .0321 DEL*= .0700 CM
THETA= .01219 H = 5.746 UE = 628.2 M/SEC
RHOE= 0.2613 KG/M**3 RUN = 4020

Table III. Preston Tube Data

Z/D	Dia.* mm	ϕ deg.	p_{t_2}/p_∞ $\alpha = 0$	p_w/p_∞	τ_w N/m^2	c_f
3.33	1.57	0	4.227	.784	82.6	.00161
		30	4.128	.784	81.2	.00159
		90	4.055	.784	80.3	.00157
	2.39	0	5.144	.784	85.9	.00167
		30	5.167	.784	86.2	.00167
		90	5.123	.784	85.8	.00167
4.44	1.57	0	3.64	.859	74.4	.00146
		30	3.53	.859	72.6	.00141
		60	3.68	.859	74.9	.00147
		90	3.70	.859	75.5	.00147
	2.39	0	4.44	.859	78.4	.00153
		30	4.47	.859	79.0	.00154
		60	4.53	.859	79.5	.00155
		90	4.49	.859	79.1	.00154
5.56	2.39	0	4.11	.898	74.4	.00145
		30	4.40	.898	78.1	.00152
		60	4.37	.898	77.7	.00152
		90	4.77	.898	82.9	.00161
	3.18	0	4.87	.898	79.1	.00154
		30	5.08	.898	81.5	.00158
		60	5.11	.898	81.8	.00159
		90	4.80	.898	77.7	.00151

* Preston tube diameter

Table III. Continued

Z/D	Dia.* mm	ϕ deg.	p_{t_2}/p_∞	p_w/p_∞	τ_w N/m^2	c_f
			$\alpha = 2$			
3.33	1.57	0	4.82	.863	91.1	.00178
		30	4.68	.848	89.1	.00174
		90	4.21	.772	82.2	.00160
		150	3.60	.727	73.4	.00143
		180	3.50	.723	72.0	.00141
	2.39	0	5.91	.863	95.2	.00185
		30	5.86	.848	94.4	.00183
		90	5.04	.772	84.7	.00164
		150	4.29	.727	75.5	.00147
		180	4.17	.723	73.9	.00144
4.44	1.57	0	4.33	.902	84.7	.001656
		30	4.11	.890	81.5	.00159
		60	3.90	.863	78.3	.00153
		90	3.74	.838	75.9	.00148
		120	3.35	.827	69.8	.00135
		150	3.20	.827	67.1	.00131
		180	2.96	.830	63.2	.00123
	2.39	0	5.68	.902	93.3	.00181
		30	5.28	.890	88.8	.00173
		60	4.92	.863	84.2	.00164
		90	4.52	.838	79.3	.00154
		120	4.20	.827	75.1	.00147
		150	3.79	.827	69.9	.00136
		180	3.66	.830	68.0	.00133

Table III. Continued

Z/D	Dia.* mm	ϕ deg.	p_{t_2}/p_∞	p_w/p_∞	τ_w N/m^2	c_f
			$\alpha = 2$			
5.56	2.39	0	5.25	.919	88.5	.00173
		30	5.13	.909	87.2	.00170
		60	4.76	.888	82.5	.00161
		90	4.71	.874	81.9	.00159
		120	3.85	.875	70.7	.00138
		150	3.49	.886	65.6	.00128
		180	3.33	.893	63.1	.00123
	3.18	0	6.08	.919	92.4	.00179
		30	6.03	.909	91.7	.00178
		60	5.60	.888	86.8	.00169
		90	5.06	.838	80.3	.00156
		120	4.47	.875	74.2	.00145
		150	3.98	.886	68.3	.00133
		180	4.12	.893	70.1	.00137
			$\alpha = 4$			
3.33	1.57	0	5.62	.962	102.2	.00199
		30	5.25	.919	97.1	.00190
		90	4.16	.736	81.4	.00159
		150	3.02	.677	64.4	.00125
		180	3.05	.677	65.0	.00127
	2.39	0	6.94	.962	107.3	.00208
		30	6.74	.912	104.8	.00203
		90	5.20	.736	85.9	.00167
		150	3.89	.677	70.2	.00137
		180	3.64	.677	66.9	.00131

Table III. Continued

Z/D	Dia.* mm	ϕ deg.	p_{t_2}/p_∞	p_w/p_∞	τ_w N/m^2	c_f
			$\alpha = 4$			
4.44	1.57	0	5.19	.962	96.6	.00189
		30	4.83	.923	91.7	.00179
		60	4.27	.840	83.6	.00163
		90	3.67	.779	74.8	.00146
		120	3.12	.772	66.0	.00128
		150	2.70	.799	58.7	.00115
		180	2.57	.816	55.8	.00110
	2.39	0	6.35	.962	101.3	.00197
		30	6.03	.923	97.4	.00189
		60	5.39	.840	89.3	.00174
		90	4.56	.779	79.2	.00154
		120	3.77	.772	69.2	.00135
		150	3.27	.799	62.4	.00122
		180	3.03	.816	58.6	.00115
5.56	2.39	0	6.42	.954	101.7	.00198
		30	6.08	.918	97.9	.00190
		60	5.20	.846	87.2	.00170
		90	4.81	.803	82.4	.00160
		120	3.52	.821	65.9	.00129
		150	2.88	.873	55.9	.00109
		180	2.92	.901	56.5	.00110

• Table III. Concluded

Z/D	Dia.* mm	ϕ deg.	p_{t_2}/p_∞	p_w/p_∞	τ_w N/m^2	c_f
			$\alpha = 4$			
5.56	3.18	0	7.32	.954	104.8	.00205
		30	7.16	.918	102.6	.00201
		60	6.21	.846	92.4	.00181
		90	5.29	.779	82.0	.00159
		120	4.20	.821	70.6	.00138
		150	3.27	.873	58.6	.00114
		180	3.24	.901	58.1	.00113

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