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GALILEO PROBE PARACHUTE TEST PROGRAM:

WAKE PROPERTIES OF THE GALILEO PROBE AT MACH NUMBERS FROM 0.25 TO 0.95

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SUMMARY

The results of surveys of the near and far wake of the Galileo Probe are presented for Mach numbers from 0.25 to 0.95. The trends in the data resulting from changes in Mach number, radial and axial distance, angle of attack, and a small change in model shape are shown in crossplots based on the data. A rationale for selecting an operating volume suitable for parachute inflation based on low Mach number flight results is outlined.

INTRODUCTION

The deployment, inflation, performance, and stability of a parachute in the wake of a payload to which it is attached are frequently sensitive to the velocity gradients of the wake itself. This sensitivity is expected to be particularly great for cases in which the wake diameter is comparable to that of the parachute because the radial velocity gradient is largest at the periphery of the parachute before the parachute is fully open. That is to say, a very small parachute (such as a drogue) may deploy and inflate satisfactorily in a large wake (because only small differences of imposed velocity occur near it), whereas a somewhat larger parachute might inflate slowly or not at all. In contrast, the larger parachute may inflate satisfactorily in the wake of a small payload – the usual configuration employed in parachute development and structural tests. The descent parachute configuration of the Pioneer Venus Large Probe (ref. 1) is believed to have exhibited a "reluctance" to open at Mach numbers above 0.6 both for the system tests in the Earth's atmosphere and for the actual Probe during its flight in the atmosphere of Venus. The rather gradual inflation did not compromise the collection of scientific data in the Venutian atmosphere because no critical events, such as entering a recognized cloud layer, occurred before the altitude for parachute deployment and inflation. In the case of the Galileo Probe (ref. 2), on the other hand, it is most important to deploy and inflate the parachute somewhat earlier, i.e., at higher Mach number, in order to remove the instrumented descent configuration from the aeroshell and permit operation of the cloud-analysis instrument before entering the first clouds in the postulated atmosphere of Jupiter.

During Earth-based flight tests to verify adequate system behavior for the Galileo flight conditions, however, the inflation was achieved at an undesirably low Mach number; once inflation was complete, the performance and stability proved to be the same as the earlier tests and flights. Rather than accept the loss of the scientific data and the risk of even further delayed inflation for the flight in the atmosphere of Jupiter, it was decided to investigate the reasons for the marginal behavior and to seek means to ensure prompt inflation at the desired flight Mach number. In order to relate the anticipated wake-survey data to the earlier experience, tests at conditions spanning those for both Venus and Jupiter were desired. Two types of tests were believed necessary in order to guide decisions on design variations: wake-flow surveys and tests of scale model parachutes. This report describes the wake-flow study and suggests a simple rationale for employing the summary plots derived from the data. Tests of a scale model parachute are reported in reference 3.

TEST EQUIPMENT AND TEST FACILITY

Probe Models

The wakes of two one-eighth-scale models (6-in. diameter) of the Galileo Entry Probe aeroshell were surveyed in the NASA Ames 6- by 6-ft transonic wind tunnel to define the initial operating environment of the descent parachute. The principal configuration represented the expected form of the "ablated" Galileo Probe deceleration-module heat shield. The second configuration represented the "ballasted" configuration to be used in a planned system drop test to verify that parachute deployment, inflation, performance, and stability were satisfactory. The two model profiles are shown in figure 1. In addition to matching the forebody profile for the

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system drop test, the model in figure 1(b) also is essentially the same as that of the Pioneer Venus Large Probe; thus the results from both programs can be directly related. The principal difference between the latter model and the Pioneer Venus Large Probe is the short cylinder between the 45° half-angle cone and the base. In neither case was the form of the afterbody (from the rim of the cylinder aft) made to simulate a real configuration because of the expected insensitivity to the afterbody of the distant wake flow and most of the reverse-flow region. At high Reynolds numbers (above critical for transition), the flow separates at the cone-cylinder junction at subsonic and transonic speed.

The models were affixed to the support structures at a pivot located 0.084 model diameter ahead of the base plane. Thus, when positive angles of attack were set, the center of the model base moved slightly in the direction of negative Z.

The area surrounding the model noses was covered by a fairly densely spaced single layer of glass spheres out to a radius of 0.167 model diameter to assure early transition to turbulent boundary-layer flow. This feature in combination with the nominal test Reynolds number 1.5 million, was used to assure good simulation of full-scale flow. A brief sequence of tests was run at Re_D equal to 3 million and showed no alteration of flow patterns.

Model Supports

Two types of support were used during the tests. All of the data reported herein were obtained with the models supported on the sting-strut assembly shown in figure 2. A few preliminary tests were run with the ablated-form model mounted conventionally on a long slender sting equipped with a fixed rake of five pitot-pressure tubes located 2.6 model diameters from the model base. Tests were conducted with and without the strut in place about 0.3 model diameter from the base. The strut reduced the size of the wake significantly at $M = 0.95$; therefore, the two-diameter extension sting was installed to reduce the interference. Subsequent surveys with the traversing survey probe described later revealed a wake profile which matched that of the sting-mounted model much more closely. Directly comparable tests using only the five-tube probe were not possible, but it was concluded that support interference was reduced to a degree which would allow accurate determination of data trends with Mach number, distance downstream and angle of attack, and model profile. The strut was stabilized with guy wires to avert possible coupled torsion-bending oscillations.

Wake Survey Apparatus

All of the data presented herein were obtained using the pitot-static probe illustrated in figure 3. Included on this probe were forward- and aft-facing pitot tubes; the forward-facing tube incorporated a coaxial static-pressure tube as well (four orifices at 0.29 model diameter from its tip). This spacing permitted good determination of flow properties in weak and moderately strong axial pressure gradients. The aft-facing pitot tube was about 1 model diameter downstream of the static-pressure taps, so that strong gradients made interpretation of the data in the reverse-flow region difficult. After completing the far-wake survey, the forward-facing pitot-static probe was accordingly converted to aft-facing (fig. 3(b)) by bending it through 180°. The orifice nearest the inside of this bend was sealed with epoxy to avoid the strongest aerodynamic effects of the bend. Even with this alteration, the strong pressure gradients in the reverse-flow region required that the separation between pitot and static orifices be recognized in obtaining the data. This was accomplished by traversing the probe in increments of 1.75-in. (0.29 model diameter) and using the measurement in adjacent test sequence points to obtain spatially coincident measurements of pitot and static pressures.

The same procedure can, in effect, be achieved with the far-wake results by interpolation of the static-pressure data to obtain coincident determination of the pressures; this has not been done in reducing the data because the gradients there are an order of magnitude less severe than in the reverse-flow region.

Pitot and static-pressure measurements made using probes of this sort are degraded if the local flow is highly inclined (more than 10°) relative to the tube axis. Since this degradation is small for angles less than about 10°, the only regions in the wake where errors are expected to be large are well removed from the axis in the near wake. Approximate numerical analysis of the wake profiles downstream of the model by more than 5 model diameters indicated that radial inflow into the accelerating wake resulted in inclinations of less than 3°. Unsteadiness of the flow in the wake doubtless interfered with the static-pressure determination; since the goal of the present surveys was to determine the qualitative influence of Mach number, position, and angle of attack on dynamic-pressure distribution, the small and slowly changing bias on the static-pressure measurement was ignored in studying the data.

The pitot-static probe was located at the tip of the short radial arm so that as the survey assembly was rolled, the probe moved to the left or right to survey at positions other than the vertical plane of symmetry. The location of the roll mechanism is indicated in figure 4.

Vertical positioning of the survey probe was accomplished by translating the wind tunnel model-support body of revolution (BOR) by simultaneous operation of its two positioning screws. Streamwise positioning of the survey probe was effected by means of the linear-actuator mechanism connected between the probe arm and the roll mechanism. The maximum extension range of the linear actuator was slightly less than 4 model diameters; it was therefore necessary to position the model-support strut at several stations along the test-section ceiling to achieve the full streamwise array of surveys desired.

Deflections of Survey Apparatus

As noted above, the entire survey apparatus was cantilevered from a large floor-to-ceiling strut located in the entrance to the wind tunnel diffuser. The maximum cantilever length is approximately 12 ft. Late in the test program it was discovered that aerodynamic loads deflected the apparatus upward by an amount that is believed to be influenced by extension length, dynamic pressure, Mach number, roll position, and position relative to the model's wake. Additionally, backlash in the vertical-positioning drive may have yielded a small irregularity in vertical position, although calibration tests without airflow revealed no such effect greater than about 0.5% of the model diameter. The aerodynamic deflection, on the other hand, produced in one case a deflection of at least 8% of the model diameter. As far as could be determined, this deflection was nearly constant for a given test condition and streamwise position of the survey probe (axial and roll), so that the shapes of the vertical profiles of dynamic pressure, Mach number, etc., were preserved, but the absolute position of the survey probe relative to the model axis was not accurately known. From a study of the flow-profile plots, the effect of the elastic deflection can be seen to yield a "movement" of the wake progressively in the $+Z$ direction as the dynamic pressure increased; i.e., increasing Mach number at constant Reynolds number. A similar lateral deflection may have occurred as well, but observation was not possible.

Interpretations of the profiles of flow properties were therefore based on the assumption that vertical deflection was constant throughout any one run, i.e., vertical traverse. Also, where effects of angle of attack were under study, it was assumed that deflection was independent of angle of attack.

TESTS

Most of the test period was spent obtaining the complete survey of the static and pitot pressure variations in the wake of the "ablated" model configuration supported on the strut. The matrix of test conditions and survey points is detailed in table 1. The abbreviated test matrix for the second, i.e., "ballasted," model consists of runs 333 through 335. In this listing an entry is made in a column only at the run at which that parameter is changed. The special tests, designed to reveal the extent of support interference on the nominal wake properties, are not included.

The test sequence was dictated by the most efficient use of tunnel time, except that the special support interference study was accomplished first to obtain early assurance that support interference would not be excessive.

While the test airflow conditions were being established, the survey apparatus was maneuvered into the desired position: for height, Z, by raising the BOR conventionally used for model support, for lateral position, Y, by rotating the roll positioner on the BOR and extending the survey apparatus linear actuator to the desired streamwise position, X. Each run thereafter consisted of a vertical traverse to all the points at which measurements were needed.

Succeeding runs were made at the remaining lateral positions desired for the same axial station before moving to the next axial station. Once the three linear dimensions had been adequately surveyed, the next Mach number was established and the desired spacial survey was completed. The time required to position the survey probe was sufficient to assure equilibration of the pressure sensors without additional delay.

The only occasions requiring breaks in the wind tunnel operation were those to adjust the streamwise location of the model-support strut and its guy wires, adjust the angle of attack of the model (by rotation about the pivot inside the model), or exchange the ablated model for the ballasted model. At each such break in the testing, the glass-bead boundary-layer trip area was inspected and refurbished as needed.

RESULTS

All of the wake-survey results for both the ablated and ballasted configurations supported on the short sting with strut are provided in table 2. Table 2 has been subdivided into four sections. Sections 2a and 2c present data for the ablated model shape with the pitot-static probe facing forward. Section 2b presents data for the ballasted model profile, and section 2d presents data for the ablated shape with the pitot-static probe facing aft. Data were taken at Mach numbers of 0.25, 0.60, 0.80, 0.85, 0.90, and 0.95 at a Reynolds number of 0.75 million based on model diameter. The pitot-static surveys yielded profiles of Mach number, dynamic pressure, velocity, and static pressure as functions of vertical position relative to the horizontal axis of the small sting at selected lateral positions and several axial stations between 1 and 11 model diameters downstream from the model base.

Definitions of column headings are presented in table 2. To preserve direct accountability of the table, the actual run numbers and order of table 1 may facilitate rapid location of a desired test listing. Gaps in the number sequence represent runs made at a Mach number of 1.1; these runs were deleted because of serious disturbance of the flow by the normal-shock wave upstream of the linear actuator of the survey system.

A few unexplained anomalies have been observed in individual sequence (i.e., data-point) listings. These anomalies have not been deleted.

Selected groups of runs have been plotted and cross-plotted in figures 5 through 8 to reveal the shape, Mach number, distance, and angle-of-attack effects on the properties of the wake. In these plots attention is concentrated on the variation of the ratio of local dynamic pressure to free-stream dynamic pressure. Other parameters, such as velocity or pitot pressure, may be as meaningful in applying the results for various purposes. Sufficient information is tabulated so that such plots may be constructed.

All of the tabulated results, with the exception of runs 367 through 390, are presented with no post-test alteration. These exceptions are the tests made with the modified (reversed by a 180° bend) pitot-static tube. In these tests, very strong axial gradients resulted in a large static pressure difference between the positions of the pitot and static pressure orifices. Therefore, the X increment used in these tests was selected so that the static pressure determined at a particular sequence point could be used with the pitot pressure obtained at the previous sequence point. The tabulated data have been treated in this manner.

With considerable effort the same kind of correction can be applied to the data from surveys at 3.5 model diameters, and farther, behind the base. There is little to be gained, however, because the pressure gradients are an order of magnitude less severe than in the reverse flow near the model base.

DISCUSSION OF RESULTS

Far-Wake Region

The momentum defect in the wake of a simple nonlifting body is directly equivalent to the drag of the body. The wakes of the two aerodynamic models used in this study illustrate that the ballasted model has slightly less drag than the more bluff ablated model used in most of the tests. The profiles of dynamic pressure (fig. 5) show a smaller loss in the wake core of the ballasted model than in the wake core of the ablated model. The extent and precision of the surveys in this study are not sufficient to determine the absolute drag coefficients with great accuracy, but the difference is clear. While the two configurations showed only modest differences in dynamic pressure loss (and gradients of dynamic pressure), much greater changes were observed for the ablated model as Mach number and distance from the model to the survey station were changed. The lower portion of each part of figure 6 illustrates the rapid increase of dynamic pressure in the wake core as the survey station is moved downstream from the wake stagnation point – 0 dynamic pressure. Even as far downstream as 11 model diameters, the continued recovery toward free-stream conditions is clear.

This acceleration of the wake core is achieved at the cost of deceleration of the airflow immediately outside the wake; at all times the total loss in momentum flux must represent the model drag. This redistribution of momentum is summarized in the contour plots of constant dynamic pressure presented in the upper portions of figure 6. At some distance downstream of the body, probably about 6 model diameters from the base, the profiles become "similar." That is, when normalized to the maximum loss in velocity at the core and to the local wake diameter, the profile plots will remain unchanged. Once similarity is established, the radial gradients are seen to vary as the 1.5 power of the maximum loss at the core.

The Effects of Angle of Attack

The total drag of bodies like those tested in this study is quite insensitive to angle of attack, for angles of attack very much less than the body cone half angle; therefore the total change in loss of momentum in the wake was correspondingly slight as angle of attack increased to 20°. The generation of even a modest lift force, however, results in the discharge of a trailing vortex system which rolls up into a vortex pair at great distances downstream. This vortex system causes the wake to move in a direction opposite to that of the lift vector. This deflection of the wake is the most prominent feature in the vertical profiles of dynamic pressure ratio at angles of attack of both plus and minus 10° and 20° (fig. 7). The surveys revealed no further major changes in the dynamic pressure profiles.

Reverse-Flow Region

In deploying the Galileo Probe parachute, it is necessary first to propel a small drogue through the near wake of the probe (where the flow moves toward the base). Further, the drogue must then remove the afterbody heat shield and drag it through the volume of reverse flow before the main parachute can be drawn aft in turn. In order to permit estimation of the performance requirements placed on the drogue, the reverse-flow region was surveyed in detail using the modified pitot-static probe (runs 367 through 390). These data are summarized as contour plots of dynamic pressure in figure 8.

The length of the reverse flow increases significantly as Mach number increases from 0.25 to 0.95. The relative severity of the reverse flow, on the other hand, diminishes.

The dynamic pressure profiles deduced (from cross-plotting the data) to act along the axis of the flow core are shown in figure 8.

APPLICATION OF RESULTS TO DESIGN OF GALILEO PROBE PARACHUTE CONFIGURATION

Experience with the Pioneer Venus Large Probe (ref. 1) and with the System Drop Test Configuration for the Galileo Probe (ref. 2) suggested a "reluctance" to inflate at Mach numbers above 0.60. In these cases the parachutes were deployed at approximately 5.5 Probe diameters behind the Probe base. The present data indicate that at this location and flight speed the loss of dynamic pressure near the wake core was severe and the wake diameter was comparable to that of the parachute itself. It is believed that these features combined to cause poor inflation. The result of increasing the Mach number was to aggravate the loss of dynamic pressure and increase the wake size. A slight aggravation was noted when the blunter shape of the Galileo (ablated form) was substituted for that of the Pioneer Venus Large Probe. In order to promote satisfactory parachute inflation for the more severe Galileo requirements, it is necessary, therefore, to find that region in the wake which appears to be more conducive to reliable inflation than that for the Pioneer Venus case at Mach 0.60.

The mixing of external-flow air with the wake is found to produce a rapidly improving wake profile with increasing distance downstream. A comparison of the appropriate profiles suggests that proper parachute inflation can be achieved for the Galileo at a Mach number of 0.80 by incorporating only a modest increase in deployment distance.

CONCLUSIONS

The wakes of the Galileo Probe and a system drop test configuration have been surveyed to determine the variation of flow properties between the model base and a station almost 11 model diameters downstream.

It was found that (compared to the Pioneer Venus Large Probe) the wake of the more bluff configuration (the shape representative of the expected ablated heat shield after entry into Jupiter) had slightly larger dynamic pressure losses and that the severity of these losses increased markedly with Mach numbers from 0.25 to 0.95. Further, it was found that entrainment of adjacent air monotonically increased the wake size and the dynamic pressure in the core.

It was also found that the length of the reverse-flow region immediately downstream of the model increased slightly with increasing Mach number whereas the relative severity of the reverse flow diminished substantially.

A simple rationale was described whereby a region in which a parachute might be expected to inflate at high speed may be identified based on successful parachute operation at lower speed.

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TABLE 1.– TEST CONDITION LISTING

Run No.	Mach No.	X/D_B	Y/D_B	Alpha	Run No.	Mach No.	X/D_B	Y/D_B	Alpha
144	0.95	7.0	0.02	0	194	0.95	8.5	-0.45	+20
145		8.5	-0.44		195	0.90	10.9	0	
146			0		196	0.90	8.5		
147	↓	↓	0.44		197	0.85	10.9		
148	0.80	7.0	0		198	0.85	8.5	↓	
149		8.5	-0.44		199	0.80	10.9	0.41	
150			0		200			0	
151	↓	↓	0.44		201			-0.38	
152	0.60	7.0	0		202		↓	-0.48	
153		8.5	-0.44		203		8.5	0.43	
154			0		204			0	
155	↓		0.44		205			-0.36	
156	0.95		-0.39		206	↓	↓	-0.45	
157			0		207	0.60	10.9	0.41	
158		↓	0.43		208			0	
159		10.5	0.41		209			-0.38	
160			0		210		↓	-0.48	
161			-0.38		211		8.5	0.43	
162		↓	-0.48		212			0	
163	↓	10.0	0		213			-0.36	
164	0.80	10.9	0.41		214	↓	↓	0.45	
165			0		215	0.25	10.9	0.41	
166			-0.38		216			0	
167		↓	-0.48		217			-0.38	
168	↓	10.0	0		218		↓	-0.48	
169	0.60	10.9	0.41		219		8.5	0.43	
170			0		220			0	
171			-0.38		221			-0.36	
172		↓	-0.48		222	↓	↓	-0.45	↓
173	↓	10.0	0		223	0.95	10.9	0.41	-20
174	0.90	10.9			224			0	
175	0.90	0.85			225			-0.38	
176	0.85	0.85			226		↓	-0.48	
177	0.85	10.9	↓		227		8.5	0.43	
178	0.25		0.41		228			0	
179			0		229			-0.36	
180			-0.38		230	↓	↓	-0.45	
181		↓	-0.48		231	0.90	10.9	0	
182		10.0	0		232	0.90	8.5		
183		7.0	0		233	0.85	10.9		
184		8.5	-0.45		234	0.85	8.5	↓	
185			0		235	0.80	10.9	0.41	
186	↓	↓	0.43	↓	236		0	0	
187	0.95	10.9	0.41	+20	237			-0.38	
188			0		238		↓	-0.48	
189			-0.36		239		8.5	0.43	
190		↓	-0.48		240			0	
191		8.5	0.43		241			-0.36	
192			0		242	↓	↓	-0.45	
193	↓	↓	-0.36	↓	243	0.60	10.9	0.41	↓

TABLE 1.– CONTINUED

Run No.	Mach No.	X/D_B	Y/D_B	Alpha	Run No.	Mach No.	X/D_B	Y/D_B	Alpha
244	0.60	10.9	0	-20	294	0.25	8.5	-0.45	+10
245			-0.38		295	0.95	10.9	0.41	-10
246			-0.48		296			0	
247		8.5	0.43		297			-0.38	
248			0		298			-0.48	
249			-0.36		299		8.5	0.43	
250			-0.45		300			0	
251	0.25	10.9	0.41		301			-0.36	
252			0		302			-0.45	
253			-0.38		303	0.90	10.9	0	
254			-0.48		304	0.90	8.5		
255		8.5	0.43		305	0.85	8.5		
256			0		306	0.85	10.9		
257			-0.36		307	0.80		0.41	
258			-0.45		308			0	
259	0.95	10.9	0.41	+10	309			-0.38	
260			0		310			-0.48	
261			-0.38		311		8.5	0.43	
262			-0.48		312			0	
263		8.5	0.43		313			-0.36	
264			0		314			-0.45	
265			-0.36		315	0.60	10.9	0.41	
266			-0.45		316			0	
267	0.90	10.9	0		317			-0.38	
268	0.90	8.5			318			-0.48	
269	0.85	10.9			319		8.5	0.43	
270	0.85	8.5			320			0	
271	0.80	10.9	0.41		322			-0.45	
272			0		323	0.25	10.9	0.41	
273			-0.38		324			0	
274			-0.48		325			-0.38	
275		8.5	0.43		326			-0.48	
276			0		327		8.5	0.43	
277			-0.36		328			0	
278			-0.45		329			-0.36	
279	0.60	10.9	0.41		330			-0.45	
280			0		333	0.95	5.5	0	0
281			-0.38		334	0.80			
282			-0.48		335	0.25			
283		8.5	0.43		340	0.95	3.5		
284			0		341		5.5	0.44	
285			-0.36		342			0	
286			-0.45		343			-0.44	
287	0.25	10.9	0.41		344		7.0	0	
288			0		345	0.90	7.0		
289			-0.38		346		5.5		
290			-0.48		347		3.5		
291		8.5	0.43		349	0.85	7.0		
292			0		350		5.5		
293			-0.36		351		3.5		

TABLE 1.– CONCLUDED

Run No.	Mach No.	X/D_B	Y/D_B	Alpha	Run No.	Mach No.	X/D_B	Y/D_B	Alpha
352	0.80	3.5	0	0	372	0.90	0.25	0	0
353	↓	5.5	0.44	↓	373	↓	0.40	↓	↓
354	↓	↓	0	↓	374	↓	0.50	↓	↓
355	↓	↓	-0.44	↓	375	0.85	0.17	↓	↓
356	↓	7.0	↓	↓	376	↓	0.25	↓	↓
357	0.60	7.0	↓	↓	377	↓	0.40	↓	↓
358	↓	5.5	0.44	↓	378	↓	0.50	↓	↓
359	↓	↓	0	↓	379	0.80	0.17	↓	↓
360	↓	↓	-0.44	↓	380	↓	0.25	↓	↓
361	↓	3.5	0	↓	381	↓	0.40	↓	↓
362	0.25	3.5	0	↓	382	↓	0.50	↓	↓
363	↓	5.5	0.44	↓	383	0.60	0.18	↓	↓
364	↓	↓	0	↓	384	↓	0.25	↓	↓
365	↓	↓	-0.44	↓	385	↓	0.40	↓	↓
366	↓	7.0	0	↓	386	↓	0.50	↓	↓
367	0.95	0.17	↓	↓	387	0.25	0.18	↓	↓
368	↓	0.25	↓	↓	388	↓	0.25	↓	↓
369	↓	0.40	↓	↓	389	↓	0.40	↓	↓
370	↓	0.50	↓	↓	390	↓	0.50	↓	↓
371	0.90	0.17	↓	↓					

TABLE 2.– MEASURED WAKE PROPERTIES

Heading Definitions	
Run:	Serial number within the test program.
Test P TN:	Identifier for the entire test program.
CONF:	Configuration of model and support system.
5	Ablated model mounted on short sting and strut supported from ceiling of wind tunnel test section; forward-facing pitot-static probe. (Sections 2a and 2c.)
6	Ballast-profile model supported as in 5. (Section 2b.)
7	Ablated model supported as in 5, except that pitot-static probe is bent to face downstream. (Section 2d.)
Mach:	Mach number in free-stream wind tunnel flow.
RN/L:	Reynolds number per unit length (1 ft) in free-stream flow.
PT:	Pressure in stagnation chamber upstream of wind tunnel test section, pounds per square foot.
Q:	Dynamic pressure of wind tunnel free-stream airflow. $Q = 0.7\ M^2 \times P$, pounds per square foot.
P:	Static pressure of wind tunnel free-stream airflow, pounds per square foot.
TT:	Temperature of air in stagnation chamber of wind tunnel, °F.
Alpha:	Inclination of model axis to an intersecting line parallel to the free-stream direction.
Seq:	Serial number of data record within run.
X/DB:	Distance from model base to streamwise station of pitot orifice on pitot-static tube, diameters of model base.
Y/DB:	Horizontal component of distance from axis of short sting to pitot orifice on pitot static tube, diameters of model base.
Z/DB:	Vertical component of distance from axis of small sting to pitot orifice of pitot-static probe, diameters of model base.
MF/M:	Ratio of Mach number determined from measured pitot and static pressures on the pitot-static probe to Mach.
MA/M:	As above, but using the pressure acting on the aft-facing pitot probe.
QF/Q:	Ratio of dynamic pressure acting on pitot-static probe to the free-stream dynamic pressure.
QA/Q:	As above, but using the pressure acting on the aft-facing pitot tube.
VF/V:	Ratio of air velocity deduced from pitot-static tube to free-stream velocity.
VA/V:	As above but using aft-facing pitot tube.
CP:	Static pressure acting on pitot-static probe minus free-stream static pressure, all divided by free-stream dynamic pressure. $CP = (PF - P)/Q$.
PF:	Static pressure acting on static pressure orifices of pitot-static probe, pounds per square foot.
PF/P:	Ratio of static pressure acting on pitot-static probe to free-stream static pressure.

Table 2(a)

Configuration 5 – Ablated model mounted on short sting and strut supported from ceiling of wind tunnel test section: forward-facing pitot-static probe.

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
144	571	1	66	5	0.948	1.480	687	242.6	385	69.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.948	242.6	7.04	0.02	-2.02	0.891		0.804		0.905		0.021	1.013
2	0.948	242.6	7.04	0.02	-1.52	0.926		0.865		0.936		0.015	1.009
3	0.947	242.2	7.04	0.02	-1.01	0.922		0.853		0.933		0.006	1.004
4	0.948	242.7	7.04	0.02	-0.68	0.895		0.796		0.909		-0.012	0.993
5	0.948	242.7	7.04	0.02	-0.52	0.866		0.744		0.883		-0.014	0.991
6	0.948	242.7	7.04	0.02	-0.35	0.829		0.679		0.849		-0.020	0.988
7	0.948	242.7	7.04	0.02	-0.18	0.800		0.628		0.823		-0.031	0.980
8	0.948	242.7	7.04	0.02	-0.01	0.781		0.594		0.805		-0.043	0.973
9	0.948	242.7	7.04	0.02	0.15	0.767		0.574		0.793		-0.041	0.974
10	0.947	242.2	7.04	0.02	0.32	0.750		0.549		0.776		-0.036	0.977
11	0.947	242.2	7.04	0.02	0.48	0.776		0.590		0.801		-0.033	0.979
12	0.947	242.2	7.04	0.02	0.65	0.827		0.674		0.847		-0.023	0.986
13	0.947	242.2	7.04	0.02	0.99	0.937		0.877		0.946		-0.002	0.999
14	0.947	242.2	7.04	0.02	1.49	0.977		0.973		0.980		0.030	1.019
15	0.948	242.7	7.04	0.02	1.99	0.967		0.962		0.971		0.046	1.029

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
145	571	1	66	5	0.949	1.476	687	242.5	385	70.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.949	242.5	8.49	-0.44	-2.03	0.972		0.963		0.976		0.033	1.021
2	0.947	241.6	8.49	-0.44	-1.52	0.978		0.969		0.981		0.021	1.013
3	0.948	242.6	8.49	-0.44	-1.03	0.964		0.937		0.969		0.015	1.009
4	0.947	242.1	8.49	-0.44	-0.69	0.901		0.811		0.914		0.001	1.000
5	0.947	242.1	8.49	-0.44	-0.52	0.878		0.768		0.894		-0.006	0.996
6	0.947	242.1	8.49	-0.44	-0.36	0.863		0.739		0.880		-0.012	0.993
7	0.947	242.1	8.49	-0.44	-0.19	0.834		0.691		0.854		-0.012	0.992
8	0.947	242.2	8.49	-0.44	-0.02	0.814		0.654		0.836		-0.022	0.986
9	0.947	242.2	8.49	-0.44	0.14	0.810		0.648		0.832		-0.019	0.988
10	0.946	241.7	8.49	-0.44	0.31	0.820		0.663		0.842		-0.023	0.986
11	0.946	241.7	8.49	-0.44	0.48	0.836		0.688		0.856		-0.025	0.984
12	0.946	241.7	8.49	-0.44	0.64	0.868		0.744		0.884		-0.019	0.988
13	0.947	242.2	8.49	-0.44	0.98	0.937		0.881		0.946		0.006	1.004
14	0.948	242.7	8.49	-0.44	1.49	0.972		0.964		0.976		0.033	1.021
15	0.945	242.3	8.49	-0.44	1.98	0.973		0.972		0.977		0.043	1.027

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
146	571	1	66	5	0.952	1.478	688	243.5	384	70.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	243.5	8.49	0.00	-2.02	0.895		0.807		0.909		0.014	1.009
2	0.954	244.0	8.49	0.00	-1.53	0.928		0.870		0.938		0.015	1.010
3	0.952	243.5	8.49	0.00	-1.02	0.926		0.858		0.936		0.001	1.000
4	0.953	244.0	8.49	0.00	-0.69	0.898		0.802		0.911		-0.007	0.996
5	0.953	244.0	8.49	0.00	-0.53	0.868		0.749		0.885		-0.011	0.993
6	0.953	244.0	8.49	0.00	-0.36	0.852		0.720		0.871		-0.014	0.991
7	0.951	243.5	8.49	0.00	-0.19	0.819		0.664		0.841		-0.018	0.989
8	0.951	243.5	8.49	0.00	-0.02	0.819		0.660		0.840		-0.023	0.986
9	0.952	244.0	8.49	0.00	0.15	0.796		0.625		0.820		-0.023	0.985
10	0.952	244.0	8.49	0.00	0.31	0.801		0.630		0.824		-0.027	0.983
11	0.952	244.0	8.49	0.00	0.48	0.798		0.628		0.821		-0.020	0.987
12	0.950	243.5	8.49	0.00	0.64	0.825		0.673		0.846		-0.017	0.990
13	0.949	243.0	8.49	0.00	0.98	0.912		0.833		0.924		0.003	1.002
14	0.949	243.0	8.49	0.00	1.48	0.970		0.961		0.975		0.034	1.021
15	0.948	242.7	8.49	0.00	1.98	0.975		0.975		0.978		0.042	1.026

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
147	571	1	66	5	0.951	1.477	688	243.5	385	70.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	243.5	8.49	0.44	-2.03	0.979		0.972		0.982		0.022	1.014
2	0.951	243.5	8.49	0.44	-1.52	0.982		0.973		0.984		0.016	1.010
3	0.953	244.0	8.49	0.44	-1.02	0.974		0.956		0.977		0.013	1.008
4	0.952	243.5	8.49	0.44	-0.69	0.930		0.867		0.940		0.003	1.002
5	0.952	243.5	8.49	0.44	-0.52	0.938		0.880		0.947		-0.001	1.000
6	0.952	243.5	8.49	0.44	-0.36	0.942		0.884		0.950		-0.005	0.997
7	0.953	244.0	8.49	0.44	-0.19	0.920		0.841		0.931		-0.009	0.994
8	0.951	243.5	8.49	0.44	-0.02	0.898		0.797		0.912		-0.018	0.988
9	0.951	243.5	8.49	0.44	0.14	0.887		0.776		0.901		-0.020	0.987
10	0.952	244.0	8.49	0.44	0.31	0.872		0.750		0.889		-0.023	0.985
11	0.952	244.0	8.49	0.44	0.48	0.874		0.754		0.891		-0.022	0.986
12	0.951	243.5	8.49	0.44	0.65	0.906		0.809		0.918		-0.021	0.987
13	0.951	243.5	8.49	0.44	0.98	0.961		0.921		0.967		-0.005	0.997
14	0.951	243.5	8.49	0.44	1.48	0.981		0.980		0.984		0.028	1.018
15	0.949	243.0	8.49	0.44	1.98	0.975		0.975		0.979		0.041	1.026

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
148	571	1	66	5	0.803	1.515	757	223.5	495	70.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.803	223.5	7.05	0.02	-2.02	0.882		0.786		0.893		0.023	1.011
2	0.801	223.0	7.05	0.02	-1.52	0.901		0.818		0.911		0.016	1.007
3	0.801	223.0	7.05	0.02	-1.01	0.905		0.820		0.915		0.003	1.001
4	0.802	223.5	7.05	0.02	-0.68	0.871		0.757		0.883		-0.005	0.998
5	0.802	223.5	7.05	0.02	-0.52	0.850		0.719		0.863		-0.009	0.996
6	0.802	223.5	7.05	0.02	-0.34	0.815		0.661		0.831		-0.009	0.996
7	0.801	223.0	7.05	0.02	-0.18	0.818		0.665		0.834		-0.013	0.994
8	0.800	222.5	7.05	0.02	-0.00	0.794		0.625		0.811		-0.018	0.992
9	0.800	222.5	7.05	0.02	0.16	0.810		0.650		0.826		-0.020	0.991
10	0.801	223.0	7.05	0.02	0.32	0.799		0.635		0.816		-0.011	0.995
11	0.801	223.0	7.05	0.02	0.48	0.829		0.682		0.844		-0.015	0.993
12	0.801	223.0	7.05	0.02	0.65	0.867		0.751		0.880		-0.003	0.999
13	0.801	223.0	7.05	0.02	0.99	0.957		0.920		0.962		0.008	1.004
14	0.801	223.0	7.05	0.02	1.49	0.986		0.980		0.987		0.019	1.009
15	0.801	223.0	7.05	0.02	1.99	0.986		0.982		0.988		0.021	1.009

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
149	571	1	66	5	0.798	1.512	758	222.1	498	70.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.798	222.1	8.49	-0.44	-1.59	0.984		0.977		0.986		0.021	1.009
2	0.798	222.1	8.49	-0.44	-1.09	0.968		0.944		0.971		0.018	1.008
3	0.798	222.1	8.49	-0.44	-0.58	0.869		0.752		0.882		-0.013	0.994
4	0.797	221.5	8.49	-0.44	-0.25	0.854		0.722		0.868		-0.025	0.989
5	0.799	222.6	8.49	-0.44	-0.09	0.846		0.708		0.860		-0.025	0.989
6	0.801	223.1	8.49	-0.44	0.08	0.840		0.699		0.854		-0.020	0.991
7	0.801	223.1	8.49	-0.44	0.26	0.847		0.711		0.861		-0.020	0.991
8	0.811	226.3	8.49	-0.44	0.42	0.848		0.723		0.863		0.009	1.004
9	0.801	223.0	8.49	-0.44	0.58	0.889		0.784		0.900		-0.017	0.992
10	0.801	223.0	8.49	-0.44	0.75	0.931		0.862		0.938		-0.010	0.995
11	0.803	223.5	8.49	-0.44	0.92	0.944		0.894		0.950		0.007	1.003
12	0.802	223.0	8.49	-0.44	1.08	0.963		0.932		0.967		0.011	1.005
13	0.802	223.0	8.49	-0.44	1.42	0.983		0.976		0.985		0.020	1.009
14	0.803	223.5	8.49	-0.44	1.92	0.977		0.969		0.979		0.035	1.016
15	0.803	223.5	8.49	-0.44	2.43	0.985		0.980		0.986		0.023	1.010

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
150	571	1	66	5	0.800	1.516	751	220.7	493	66.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.800	220.7	8.49	0.00	-2.03	0.883		0.792		0.894		0.035	1.016
3	0.799	220.1	8.49	0.00	-1.53	0.902		0.822		0.911		0.025	1.011
4	0.798	219.6	8.49	0.00	-1.03	0.899		0.816		0.909		0.020	1.009
5	0.797	219.1	8.49	0.00	-0.70	0.870		0.760		0.882		0.009	1.004
6	0.798	219.6	8.49	0.00	-0.53	0.858		0.736		0.871		-0.000	1.000
7	0.798	219.6	8.49	0.00	-0.36	0.841		0.706		0.856		-0.007	0.997
8	0.799	220.1	8.49	0.00	-0.19	0.849		0.718		0.863		-0.010	0.996
9	0.799	220.1	8.49	0.00	-0.01	0.835		0.697		0.850		-0.003	0.998
10	0.799	220.1	8.49	0.00	0.15	0.837		0.697		0.852		-0.011	0.995
11	0.799	220.1	8.49	0.00	0.31	0.825		0.679		0.840		-0.005	0.998
12	0.799	220.1	8.49	0.00	0.48	0.846		0.719		0.860		0.010	1.004
13	0.799	220.1	8.49	0.00	0.64	0.875		0.767		0.887		0.004	1.002
14	0.800	220.7	8.49	0.00	0.98	0.942		0.892		0.948		0.014	1.006
15	0.801	221.2	8.49	0.00	1.48	0.978		0.968		0.980		0.028	1.013
16	0.799	220.2	8.49	0.00	1.98	0.982		0.976		0.984		0.029	1.013

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
151	571	1	66	5	0.801	1.510	749	220.6	491	67.2	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	220.6	8.49	0.44	-2.03	0.974		0.967		0.977		0.042	1.019
2	0.800	220.6	8.49	0.44	-1.52	0.980		0.974		0.982		0.032	1.014
3	0.799	220.1	8.49	0.44	-1.03	0.975		0.961		0.978		0.024	1.011
4	0.799	220.1	8.49	0.44	-0.68	0.921		0.853		0.929		0.013	1.006
5	0.798	219.6	8.49	0.44	-0.52	0.929		0.869		0.937		0.013	1.006
6	0.798	219.6	8.49	0.44	-0.36	0.931		0.870		0.938		0.009	1.004
7	0.797	219.1	8.49	0.44	-0.19	0.910		0.832		0.919		0.007	1.003
8	0.797	219.1	8.49	0.44	-0.02	0.897		0.805		0.907		-0.002	0.999
9	0.797	219.1	8.49	0.44	0.15	0.897		0.802		0.907		-0.006	0.997
10	0.799	219.6	8.49	0.44	0.30	0.896		0.803		0.906		0.000	1.000
11	0.800	220.1	8.49	0.44	0.48	0.900		0.810		0.910		-0.000	1.000
12	0.800	220.1	8.49	0.44	0.66	0.925		0.855		0.932		0.001	1.000
13	0.800	220.6	8.49	0.44	0.98	0.960		0.930		0.965		0.019	1.009
14	0.800	220.6	8.49	0.44	1.48	0.981		0.972		0.983		0.022	1.010
15	0.800	220.1	8.49	0.44	1.98	0.980		0.972		0.982		0.029	1.013

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
152	571	1	66	5	0.599	1.513	895	176.6	702	67.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	176.6	7.05	0.02	-2.02	0.905		0.824		0.911		0.023	1.006
2	0.599	176.6	7.05	0.02	-1.53	0.910		0.834		0.916		0.026	1.006
3	0.597	175.4	7.05	0.02	-1.02	0.916		0.840		0.921		0.003	1.001
4	0.597	175.4	7.05	0.02	-0.69	0.886		0.786		0.893		0.002	1.001
5	0.597	175.4	7.05	0.02	-0.52	0.859		0.738		0.867		-0.003	0.999
6	0.597	175.4	7.05	0.02	-0.35	0.834		0.693		0.843		-0.014	0.997
7	0.597	175.4	7.05	0.02	-0.18	0.818		0.667		0.827		-0.013	0.997
8	0.598	176.0	7.05	0.02	-0.01	0.810		0.655		0.820		-0.013	0.997
9	0.597	175.4	7.05	0.02	0.16	0.844		0.711		0.852		-0.009	0.998
10	0.597	175.4	7.05	0.02	0.33	0.844		0.710		0.852		-0.013	0.997
11	0.597	175.4	7.05	0.02	0.48	0.854		0.726		0.862		-0.017	0.996
12	0.598	176.0	7.05	0.02	0.65	0.891		0.793		0.897		-0.010	0.998
13	0.599	176.6	7.05	0.02	0.99	0.969		0.939		0.971		0.004	1.001
14	0.600	177.2	7.05	0.02	1.49	0.995		0.990		0.995		0.002	1.000
15	0.601	177.2	7.05	0.02	1.99	0.988		0.981		0.989		0.017	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
153	571	1	66	5	0.602	1.518	896	177.8	701	67.2	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.8	8.49	-0.44	-2.03	0.978		0.964		0.979		0.035	1.009
2	0.599	176.6	8.49	-0.44	-1.52	0.984		0.972		0.985		0.019	1.005
3	0.599	176.6	8.49	-0.44	-1.03	0.957		0.918		0.960		0.007	1.002
4	0.598	176.0	8.49	-0.44	-0.69	0.898		0.807		0.904		0.003	1.001
5	0.601	177.2	8.49	-0.44	-0.52	0.873		0.763		0.880		0.003	1.001
6	0.601	177.2	8.49	-0.44	-0.35	0.883		0.779		0.890		-0.006	0.998
7	0.599	176.6	8.49	-0.44	-0.19	0.860		0.739		0.867		-0.002	0.999
8	0.599	176.6	8.49	-0.44	-0.02	0.857		0.735		0.865		0.006	1.001
9	0.599	176.6	8.49	-0.44	0.14	0.863		0.744		0.871		-0.005	0.999
10	0.599	176.6	8.49	-0.44	0.31	0.872		0.758		0.879		-0.006	0.998
11	0.599	176.6	8.49	-0.44	0.48	0.889		0.789		0.895		-0.006	0.998
12	0.599	176.6	8.49	-0.44	0.65	0.919		0.846		0.924		0.007	1.002
13	0.599	176.6	8.49	-0.44	0.98	0.944		0.895		0.947		0.022	1.005
14	0.600	177.2	8.49	-0.44	1.48	0.981		0.967		0.982		0.019	1.005
15	0.600	177.2	8.49	-0.44	1.98	0.982		0.971		0.983		0.027	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
154	571	1	66	5	0.597	1.507	895	175.4	703	67.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.597	175.4	8.49	0.00	-2.02	0.906		0.825		0.911		0.022	1.005
2	0.598	176.0	8.49	0.00	-1.53	0.921		0.852		0.926		0.015	1.004
3	0.598	176.0	8.49	0.00	-1.02	0.926		0.858		0.930		0.003	1.001
4	0.599	176.6	8.49	0.00	-0.69	0.893		0.798		0.899		0.001	1.000
5	0.598	176.0	8.49	0.00	-0.53	0.871		0.758		0.878		-0.002	0.999
6	0.599	176.6	8.49	0.00	-0.36	0.842		0.708		0.850		-0.001	1.000
7	0.599	176.6	8.49	0.00	-0.19	0.861		0.741		0.869		-0.003	0.999
8	0.599	176.6	8.49	0.00	-0.02	0.838		0.701		0.847		-0.008	0.998
9	0.599	176.6	8.49	0.00	0.14	0.867		0.751		0.874		-0.005	0.999
10	0.599	176.6	8.49	0.00	0.31	0.864		0.744		0.872		-0.014	0.996
11	0.599	176.6	8.49	0.00	0.48	0.878		0.770		0.885		-0.010	0.998
12	0.600	177.2	8.49	0.00	0.64	0.882		0.778		0.889		-0.001	1.000
13	0.600	177.2	8.49	0.00	0.98	0.935		0.877		0.939		0.011	1.003
14	0.600	177.2	8.49	0.00	1.47	0.988		0.979		0.989		0.011	1.003
15	0.600	177.2	8.49	0.00	1.98	0.989		0.983		0.990		0.015	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
155	571	1	66	5	0.600	1.515	896	177.2	702	67.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.2	8.49	0.44	-2.03	0.983		0.972		0.984		0.023	1.006
2	0.600	177.2	8.49	0.44	-1.52	0.988		0.981		0.989		0.015	1.004
3	0.600	177.2	8.49	0.44	-1.03	0.976		0.957		0.977		0.022	1.005
4	0.600	177.2	8.49	0.44	-0.69	0.931		0.869		0.935		0.011	1.003
5	0.600	177.2	8.49	0.44	-0.52	0.925		0.856		0.929		0.007	1.002
6	0.600	177.2	8.49	0.44	-0.36	0.920		0.848		0.925		0.004	1.001
7	0.600	177.2	8.49	0.44	-0.19	0.913		0.836		0.918		0.007	1.002
8	0.600	177.2	8.49	0.44	-0.03	0.899		0.809		0.905		0.005	1.001
9	0.600	177.2	8.49	0.44	0.14	0.903		0.816		0.909		0.001	1.000
10	0.600	177.2	8.49	0.44	0.31	0.882		0.780		0.889		0.010	1.002
11	0.600	177.2	8.49	0.44	0.48	0.903		0.816		0.908		0.005	1.001
12	0.600	177.2	8.49	0.44	0.64	0.919		0.846		0.924		0.003	1.001
13	0.600	177.2	8.49	0.44	0.98	0.957		0.916		0.959		0.007	1.002
14	0.600	177.2	8.49	0.44	1.48	0.981		0.968		0.982		0.023	1.006
15	0.600	177.2	8.49	0.44	1.98	0.986		0.978		0.987		0.023	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
156	571	1	66	5	0.954	1.482	679	241.2	378	64.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.954	241.2	8.48	-0.45	-2.03	0.966		0.957		0.971		0.041	1.026
3	0.951	240.1	8.48	-0.45	-1.53	0.970		0.963		0.975		0.038	1.024
4	0.952	240.7	8.48	-0.45	-1.02	0.967		0.948		0.972		0.024	1.015
5	0.952	240.7	8.48	-0.45	-0.69	0.924		0.857		0.935		0.006	1.004
6	0.951	240.1	8.48	-0.45	-0.52	0.897		0.807		0.911		0.003	1.002
7	0.951	240.1	8.48	-0.45	-0.36	0.884		0.781		0.899		0.000	1.000
8	0.950	239.6	8.48	-0.45	-0.19	0.872		0.753		0.888		-0.014	0.991
9	0.951	240.1	8.48	-0.45	-0.03	0.850		0.714		0.869		-0.019	0.988
10	0.954	241.7	8.48	-0.45	0.14	0.822		0.669		0.843		-0.015	0.990
11	0.953	241.8	8.48	-0.45	0.31	0.825		0.673		0.846		-0.017	0.989
12	0.953	241.8	8.48	-0.45	0.48	0.832		0.690		0.852		-0.005	0.997
13	0.951	241.2	8.48	-0.45	0.64	0.863		0.744		0.881		-0.004	0.997
14	0.949	240.8	8.48	-0.45	0.99	0.929		0.865		0.939		0.002	1.001
15	0.950	241.3	8.48	-0.45	1.48	0.981		0.979		0.984		0.028	1.018
16	0.949	240.8	8.48	-0.45	1.98	0.972		0.971		0.976		0.045	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
157	571	1	66	5	0.954	1.478	681	241.7	380	66.9	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	241.7	8.48	-0.01	-2.02	0.895		0.812		0.909		0.021	1.013
2	0.955	242.3	8.48	-0.01	-1.53	0.922		0.865		0.933		0.027	1.017
3	0.952	241.2	8.48	-0.01	-1.02	0.920		0.856		0.931		0.016	1.010
4	0.952	241.2	8.48	-0.01	-0.69	0.895		0.804		0.909		0.008	1.005
5	0.950	240.7	8.48	-0.01	-0.53	0.881		0.774		0.896		-0.003	0.998
6	0.951	241.2	8.48	-0.01	-0.36	0.859		0.732		0.877		-0.011	0.993
7	0.951	241.2	8.48	-0.01	-0.19	0.817		0.662		0.838		-0.013	0.992
8	0.951	241.2	8.48	-0.01	-0.02	0.809		0.646		0.831		-0.019	0.988
9	0.951	241.2	8.48	-0.01	0.14	0.794		0.623		0.818		-0.020	0.987
10	0.951	241.2	8.48	-0.01	0.31	0.797		0.624		0.820		-0.027	0.983
11	0.951	241.2	8.48	-0.01	0.48	0.797		0.626		0.820		-0.022	0.986
12	0.951	241.2	8.48	-0.01	0.64	0.811		0.652		0.833		-0.016	0.990
13	0.951	241.2	8.48	-0.01	0.98	0.906		0.821		0.919		-0.001	0.999
14	0.951	241.2	8.48	-0.01	1.48	0.973		0.968		0.977		0.034	1.021
15	0.949	240.8	8.48	-0.01	1.99	0.969		0.969		0.974		0.049	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
158	571	1	66	5	0.954	1.481	684	242.9	381	67.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	242.9	8.48	0.43	-2.03	0.975		0.969		0.979		0.029	1.019
2	0.954	242.9	8.48	0.43	-1.53	0.974		0.967		0.978		0.028	1.018
3	0.953	242.3	8.48	0.43	-1.03	0.966		0.945		0.971		0.021	1.013
4	0.953	242.3	8.48	0.43	-0.70	0.924		0.858		0.935		0.007	1.005
5	0.954	242.9	8.48	0.43	-0.52	0.929		0.865		0.939		0.002	1.001
6	0.952	242.3	8.48	0.43	-0.36	0.917		0.842		0.929		0.001	1.000
7	0.952	242.3	8.48	0.43	-0.19	0.898		0.802		0.911		-0.007	0.996
8	0.953	242.9	8.48	0.43	-0.02	0.871		0.754		0.888		-0.010	0.993
9	0.950	241.8	8.48	0.43	0.14	0.859		0.729		0.877		-0.017	0.989
10	0.950	241.8	8.48	0.43	0.30	0.855		0.724		0.874		-0.016	0.990
11	0.950	241.8	8.48	0.43	0.48	0.856		0.724		0.874		-0.020	0.987
12	0.951	242.4	8.48	0.43	0.64	0.876		0.762		0.892		-0.012	0.993
13	0.950	241.9	8.48	0.43	0.98	0.942		0.883		0.950		-0.007	0.995
14	0.949	241.4	8.48	0.43	1.48	0.973		0.963		0.977		0.027	1.017
15	0.947	241.0	8.48	0.43	1.98	0.974		0.974		0.978		0.044	1.027

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
159	571	1	66	5	0.954	1.478	684	242.9	381	68.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	242.9	10.87	0.41	-2.05	0.972		0.962		0.976		0.030	1.019
2	0.952	241.2	10.87	0.41	-1.53	0.971		0.963		0.975		0.035	1.022
3	0.951	242.4	10.87	0.41	-1.04	0.950		0.925		0.957		0.040	1.025
4	0.949	241.4	10.87	0.41	-0.71	0.917		0.856		0.929		0.028	1.018
5	0.947	241.0	10.87	0.41	-0.54	0.918		0.853		0.929		0.020	1.013
6	0.948	241.5	10.87	0.41	-0.37	0.906		0.828		0.919		0.012	1.008
7	0.948	241.5	10.87	0.41	-0.19	0.892		0.801		0.906		0.011	1.007
8	0.946	241.1	10.87	0.41	-0.04	0.895		0.802		0.909		0.001	1.001
9	0.948	241.5	10.87	0.41	0.13	0.879		0.768		0.895		-0.010	0.994
10	0.948	241.5	10.87	0.41	0.29	0.888		0.780		0.903		-0.019	0.988
11	0.949	241.4	10.87	0.41	0.46	0.872		0.754		0.888		-0.014	0.991
12	0.949	241.4	10.87	0.41	0.63	0.881		0.770		0.897		-0.014	0.991
13	0.949	241.4	10.87	0.41	0.97	0.922		0.852		0.933		0.003	1.002
14	0.949	241.4	10.87	0.41	1.47	0.975		0.967		0.978		0.029	1.018
15	0.949	241.4	10.87	0.41	1.97	0.973		0.974		0.977		0.045	1.028

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OF POOR QUALITY

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
160	571	1	66	5	0.950	1.473	685	241.9	383	69.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.950	241.9	10.87	-0.03	-2.04	0.899		0.821		0.912		0.025	1.016
2	0.951	242.4	10.87	-0.03	-1.55	0.929		0.875		0.939		0.023	1.014
3	0.951	242.4	10.87	-0.03	-1.04	0.929		0.869		0.939		0.012	1.007
4	0.953	242.9	10.87	-0.03	-0.71	0.900		0.812		0.913		0.005	1.003
5	0.953	242.9	10.87	-0.03	-0.54	0.880		0.776		0.895		0.005	1.003
6	0.953	242.9	10.87	-0.03	-0.37	0.868		0.753		0.885		-0.001	0.999
7	0.955	244.5	10.87	-0.03	-0.37	0.864		0.750		0.881		0.008	1.005
8	0.953	244.0	10.87	-0.03	-0.20	0.846		0.716		0.865		0.002	1.001
9	0.951	243.5	10.87	-0.03	-0.03	0.826		0.685		0.847		0.004	1.002
10	0.951	243.5	10.87	-0.03	0.12	0.824		0.681		0.845		0.003	1.002
11	0.948	242.6	10.87	-0.03	0.29	0.832		0.689		0.852		-0.006	0.996
12	0.948	242.6	10.87	-0.03	0.46	0.822		0.676		0.843		0.001	1.001
13	0.948	242.6	10.87	-0.03	0.63	0.834		0.699		0.854		0.007	1.004
14	0.947	242.2	10.87	-0.03	0.97	0.888		0.795		0.903		0.011	1.007
15	0.948	242.7	10.87	-0.03	1.46	0.959		0.941		0.965		0.035	1.022
16	0.948	242.7	10.87	-0.03	1.97	0.972		0.974		0.976		0.049	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
161	571	1	66	5	0.954	1.479	688	244.0	383	70.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	244.0	10.87	-0.38	-2.03	0.962		0.944		0.968		0.032	1.020
2	0.953	243.5	10.87	-0.38	-1.54	0.968		0.957		0.973		0.033	1.021
3	0.953	243.5	10.87	-0.38	-1.04	0.955		0.932		0.962		0.034	1.021
4	0.949	242.5	10.87	-0.38	-0.71	0.916		0.849		0.927		0.019	1.012
5	0.951	243.5	10.87	-0.38	-0.54	0.888		0.796		0.902		0.016	1.010
6	0.949	243.0	10.87	-0.38	-0.37	0.875		0.772		0.892		0.011	1.007
7	0.948	242.7	10.87	-0.38	-0.20	0.872		0.762		0.889		0.002	1.001
8	0.947	242.2	10.87	-0.38	-0.04	0.857		0.737		0.875		0.004	1.002
9	0.945	241.8	10.87	-0.38	0.14	0.848		0.719		0.867		-0.002	0.999
10	0.945	241.8	10.87	-0.38	0.30	0.844		0.712		0.863		-0.002	0.999
11	0.944	241.3	10.87	-0.38	0.47	0.847		0.720		0.866		0.006	1.003
12	0.945	241.8	10.87	-0.38	0.63	0.858		0.739		0.876		0.005	1.003
13	0.946	242.3	10.87	-0.38	0.96	0.908		0.830		0.921		0.010	1.006
14	0.946	242.3	10.87	-0.38	1.47	0.963		0.945		0.968		0.030	1.019
15	0.946	242.3	10.87	-0.38	1.97	0.973		0.974		0.977		0.047	1.029

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
162	571	1	66	5	0.952	1.477	688	243.5	384	70.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	243.5	10.87	-0.48	-2.04	0.971		0.963		0.975		0.035	1.022
2	0.952	243.5	10.87	-0.48	-1.53	0.974		0.968		0.978		0.031	1.019
3	0.954	244.0	10.87	-0.48	-1.04	0.964		0.941		0.969		0.021	1.013
4	0.954	244.0	10.87	-0.48	-0.70	0.918		0.849		0.929		0.013	1.008
5	0.954	244.0	10.87	-0.48	-0.54	0.906		0.825		0.919		0.008	1.005
6	0.954	244.0	10.87	-0.48	-0.37	0.890		0.795		0.905		0.006	1.004
7	0.954	244.0	10.87	-0.48	-0.20	0.875		0.766		0.891		0.001	1.001
8	0.954	244.0	10.87	-0.48	-0.04	0.874		0.764		0.890		0.001	1.001
9	0.954	244.0	10.87	-0.48	0.12	0.854		0.729		0.873		-0.001	0.999
10	0.954	244.0	10.87	-0.48	0.30	0.847		0.715		0.866		-0.005	0.997
11	0.954	244.0	10.87	-0.48	0.46	0.851		0.725		0.870		-0.001	0.999
12	0.952	243.5	10.87	-0.48	0.62	0.870		0.757		0.887		0.001	1.000
13	0.953	244.0	10.88	-0.48	0.97	0.915		0.842		0.926		0.011	1.007
14	0.953	244.0	10.87	-0.48	1.47	0.961		0.947		0.967		0.040	1.025
15	0.950	243.0	10.87	-0.48	1.96	0.968		0.968		0.973		0.053	1.033

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
163	571	1	66	5	0.952	1.479	689	244.0	385	70.9	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	244.0	9.99	0.00	-0.37	0.865		0.746		0.882		-0.004	0.998
2	0.949	243.0	9.99	0.00	-0.20	0.847		0.714		0.866		-0.010	0.994
3	0.949	243.0	10.00	0.00	-0.03	0.840		0.701		0.860		-0.011	0.993
4	0.949	243.0	9.99	0.00	0.14	0.832		0.686		0.852		-0.014	0.991
5	0.949	243.0	10.00	0.00	0.30	0.825		0.673		0.846		-0.019	0.988
6	0.949	243.0	10.00	0.00	0.46	0.833		0.688		0.853		-0.011	0.993
7	0.949	243.0	10.00	0.00	0.64	0.840		0.702		0.859		-0.008	0.995
8	0.948	242.6	10.00	0.00	0.97	0.890		0.796		0.905		0.006	1.004
9	0.948	242.6	10.00	0.00	1.46	0.967		0.954		0.972		0.031	1.019
10	0.948	242.6	10.00	0.00	1.97	0.975		0.976		0.978		0.044	1.028

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
164	571	1	66	5	0.802	1.513	757	223.0	495	70.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	223.0	10.88	0.41	-2.05	0.973		0.967		0.976		0.045	1.020
2	0.799	222.0	10.88	0.41	-1.54	0.980		0.974		0.982		0.034	1.015
3	0.800	222.5	10.88	0.41	-1.03	0.965		0.941		0.969		0.022	1.010
4	0.800	222.5	10.88	0.41	-0.70	0.932		0.872		0.939		0.011	1.005
5	0.800	222.5	10.88	0.41	-0.53	0.917		0.846		0.925		0.015	1.007
6	0.800	222.5	10.88	0.41	-0.37	0.909		0.830		0.918		0.009	1.004
7	0.800	222.5	10.88	0.41	-0.21	0.895		0.806		0.905		0.015	1.007
8	0.798	222.0	10.88	0.41	-0.05	0.902		0.813		0.911		-0.000	1.000
9	0.800	222.5	10.88	0.41	0.13	0.900		0.809		0.910		-0.000	1.000
10	0.801	223.1	10.88	0.41	0.29	0.893		0.793		0.903		-0.011	0.995
11	0.802	223.5	10.88	0.41	0.47	0.897		0.803		0.907		-0.003	0.999
12	0.803	223.5	10.88	0.41	0.63	0.913		0.830		0.921		-0.006	0.997
13	0.803	223.5	10.88	0.41	0.96	0.943		0.894		0.949		0.013	1.006
14	0.803	223.5	10.88	0.41	1.47	0.982		0.972		0.984		0.020	1.009
15	0.801	223.0	10.88	0.41	1.97	0.987		0.985		0.989		0.023	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
165	571	1	66	5	0.801	1.516	758	223.1	497	70.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.1	10.88	-0.03	-2.04	0.897		0.816		0.907		0.033	1.015
2	0.797	221.5	10.88	-0.03	-1.55	0.915		0.846		0.924		0.022	1.010
3	0.798	222.1	10.88	-0.03	-1.04	0.920		0.850		0.928		0.009	1.004
4	0.799	222.6	10.88	-0.03	-0.71	0.897		0.804		0.907		-0.001	0.999
5	0.800	222.5	10.88	-0.03	-0.54	0.879		0.773		0.890		0.002	1.001
6	0.800	222.5	10.88	-0.03	-0.38	0.869		0.753		0.881		-0.006	0.997
7	0.802	223.5	10.88	-0.03	-0.20	0.865		0.747		0.878		-0.006	0.997
8	0.802	223.5	10.88	-0.03	-0.04	0.862		0.744		0.875		0.003	1.001
9	0.802	223.5	10.88	-0.03	0.13	0.865		0.751		0.878		0.010	1.004
10	0.802	223.5	10.88	-0.03	0.30	0.858		0.736		0.871		0.000	1.000
11	0.801	223.1	10.88	-0.03	0.46	0.863		0.746		0.875		0.006	1.003
12	0.801	223.1	10.88	-0.03	0.62	0.880		0.777		0.892		0.004	1.002
13	0.801	223.1	10.88	-0.03	0.96	0.930		0.870		0.937		0.013	1.006
14	0.801	223.1	10.88	-0.03	1.46	0.974		0.959		0.977		0.022	1.010
15	0.801	223.1	10.88	-0.03	1.97	0.983		0.977		0.985		0.027	1.012

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
166	571	1	66	5	0.800	1.514	757	222.5	497	70.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	10.88	-0.38	-2.04	0.982		0.976		0.984		0.029	1.013
2	0.800	222.5	10.88	-0.38	-1.54	0.982		0.972		0.984		0.021	1.009
3	0.800	222.5	10.88	-0.38	-1.04	0.956		0.921		0.961		0.015	1.007
4	0.800	222.5	10.88	-0.38	-0.71	0.909		0.830		0.918		0.011	1.005
5	0.800	222.5	10.88	-0.38	-0.54	0.880		0.777		0.891		0.008	1.004
6	0.800	222.5	10.88	-0.38	-0.35	0.866		0.755		0.879		0.013	1.006
7	0.800	222.5	10.88	-0.38	-0.21	0.865		0.753		0.878		0.011	1.005
8	0.799	222.6	10.88	-0.38	-0.04	0.867		0.751		0.880		-0.003	0.999
9	0.801	223.1	10.88	-0.38	0.13	0.854		0.729		0.868		-0.003	0.999
10	0.800	222.5	10.88	-0.38	0.29	0.874		0.763		0.886		-0.001	1.000
11	0.801	223.0	10.88	-0.38	0.47	0.877		0.771		0.889		0.004	1.002
12	0.801	223.0	10.88	-0.38	0.63	0.889		0.792		0.899		0.006	1.003
13	0.801	223.0	10.88	-0.38	0.97	0.933		0.876		0.940		0.013	1.006
14	0.800	222.5	10.88	-0.38	1.47	0.975		0.962		0.978		0.027	1.012
15	0.801	223.1	10.88	-0.38	1.97	0.981		0.976		0.983		0.030	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
167	571	1	66	5	0.800	1.514	757	222.5	497	70.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	10.88	-0.48	-2.04	0.980		0.974		0.983		0.031	1.014
2	0.800	222.5	10.88	-0.48	-1.54	0.987		0.982		0.988		0.020	1.009
3	0.800	222.5	10.88	-0.48	-1.04	0.966		0.938		0.969		0.013	1.006
4	0.801	223.0	10.88	-0.48	-0.71	0.912		0.836		0.921		0.009	1.004
5	0.801	223.0	10.88	-0.48	-0.52	0.892		0.797		0.902		0.005	1.002
6	0.801	223.0	10.88	-0.48	-0.37	0.886		0.787		0.897		0.004	1.002
7	0.800	222.5	10.88	-0.48	-0.21	0.885		0.782		0.896		-0.001	1.000
8	0.802	223.0	10.88	-0.48	-0.04	0.886		0.786		0.897		0.002	1.001
9	0.802	223.0	10.88	-0.48	0.12	0.872		0.764		0.884		0.010	1.004
10	0.803	223.5	10.88	-0.48	0.29	0.880		0.775		0.892		0.001	1.001
11	0.803	223.5	10.88	-0.48	0.47	0.891		0.797		0.902		0.008	1.004
12	0.802	223.5	10.88	-0.48	0.63	0.902		0.818		0.912		0.010	1.004
13	0.802	223.5	10.88	-0.48	0.96	0.938		0.884		0.944		0.010	1.005
14	0.802	223.5	10.88	-0.48	1.46	0.978		0.965		0.980		0.022	1.010
15	0.802	223.5	10.88	-0.48	1.96	0.980		0.974		0.982		0.033	1.015

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
168	571	1	66	5	0.800	1.514	757	222.5	497	70.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	10.00	0.00	-0.37	0.857		0.736		0.870		0.006	1.003
2	0.800	222.5	10.00	0.00	-0.20	0.850		0.723		0.864		0.002	1.001
3	0.800	222.5	10.00	0.00	-0.03	0.837		0.701		0.852		-0.000	1.000
4	0.800	222.5	10.00	0.00	0.15	0.866		0.748		0.878		-0.006	0.997
5	0.800	222.5	10.00	0.00	0.30	0.856		0.730		0.870		-0.009	0.996
6	0.801	223.0	10.00	0.00	0.47	0.857		0.734		0.870		0.003	1.001
7	0.801	223.0	10.00	0.00	0.63	0.878		0.773		0.890		0.006	1.003
8	0.801	223.0	10.00	0.00	0.97	0.924		0.859		0.932		0.014	1.006
9	0.801	223.0	10.00	0.00	1.47	0.984		0.974		0.986		0.013	1.006
10	0.801	223.0	10.00	0.00	1.97	0.988		0.982		0.989		0.016	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
169	571	1	66	5	0.604	1.515	896	179.0	700	69.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.604	179.0	10.88	0.41	-2.04	0.984		0.976		0.985		0.031	1.008
2	0.603	178.4	10.88	0.41	-1.54	0.987		0.978		0.987		0.019	1.005
3	0.603	178.4	10.88	0.41	-1.04	0.971		0.945		0.973		0.011	1.003
4	0.603	178.4	10.88	0.41	-0.70	0.931		0.867		0.935		0.004	1.001
5	0.602	177.8	10.88	0.41	-0.55	0.920		0.847		0.924		0.008	1.002
6	0.602	177.8	10.88	0.41	-0.37	0.920		0.847		0.924		0.008	1.002
7	0.603	178.4	10.88	0.41	-0.20	0.914		0.836		0.919		0.001	1.000
8	0.603	178.4	10.88	0.41	-0.02	0.900		0.814		0.906		0.013	1.003
9	0.603	178.4	10.88	0.41	0.13	0.911		0.830		0.916		0.003	1.001
10	0.603	178.4	10.88	0.41	0.29	0.896		0.806		0.902		0.012	1.003
11	0.603	178.4	10.88	0.41	0.46	0.914		0.838		0.919		0.010	1.003
12	0.603	178.4	10.88	0.41	0.64	0.927		0.861		0.931		0.006	1.002
13	0.603	178.4	10.88	0.41	0.98	0.942		0.892		0.946		0.022	1.006
14	0.603	178.4	10.88	0.41	1.46	0.971		0.950		0.973		0.030	1.008
15	0.603	178.4	10.88	0.41	1.97	0.991		0.985		0.992		0.014	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
170	571	1	66	5	0.596	1.509	890	174.1	700	64.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.596	174.1	10.87	-0.03	-2.04	0.919		0.849		0.924		0.021	1.005
3	0.596	174.1	10.87	-0.03	-1.54	0.925		0.859		0.929		0.020	1.005
4	0.598	175.3	10.87	-0.03	-1.04	0.927		0.863		0.931		0.015	1.004
5	0.598	175.3	10.87	-0.03	-0.71	0.897		0.808		0.903		0.019	1.005
6	0.598	175.3	10.87	-0.03	-0.55	0.886		0.786		0.892		0.007	1.002
7	0.598	175.3	10.87	-0.03	-0.38	0.886		0.786		0.893		-0.001	1.000
8	0.598	175.3	10.87	-0.03	-0.21	0.872		0.760		0.879		0.004	1.001
9	0.598	175.3	10.87	-0.03	-0.03	0.878		0.771		0.885		-0.002	0.999
10	0.600	175.9	10.87	-0.03	0.13	0.881		0.776		0.888		-0.005	0.999
11	0.600	175.9	10.87	-0.03	0.29	0.868		0.753		0.875		0.003	1.001
12	0.600	175.9	10.87	-0.03	0.46	0.894		0.798		0.901		-0.010	0.998
13	0.600	175.9	10.87	-0.03	0.62	0.896		0.805		0.902		0.008	1.002
14	0.601	176.5	10.87	-0.03	0.97	0.920		0.849		0.925		0.008	1.002
15	0.601	176.5	10.87	-0.03	1.46	0.981		0.963		0.982		0.004	1.001
16	0.602	177.1	10.87	-0.03	1.97	0.982		0.970		0.983		0.021	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
171	571	1	66	5	0.602	1.519	891	177.1	697	65.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.1	10.87	-0.38	-2.04	0.968		0.948		0.970		0.044	1.011
2	0.602	177.1	10.87	-0.38	-1.54	0.975		0.957		0.977		0.028	1.007
3	0.602	177.1	10.87	-0.38	-1.04	0.950		0.907		0.953		0.022	1.006
4	0.602	177.1	10.87	-0.38	-0.70	0.907		0.824		0.913		0.002	1.000
5	0.602	177.1	10.87	-0.38	-0.53	0.890		0.794		0.896		0.007	1.002
6	0.602	177.1	10.87	-0.38	-0.36	0.886		0.784		0.892		0.000	1.000
7	0.602	177.1	10.87	-0.38	-0.20	0.890		0.792		0.897		-0.003	0.999
8	0.602	177.1	10.87	-0.38	-0.04	0.880		0.773		0.886		-0.003	0.999
9	0.604	177.7	10.87	-0.38	0.12	0.880		0.775		0.887		0.004	1.001
10	0.604	177.7	10.87	-0.38	0.30	0.888		0.788		0.894		-0.001	1.000
11	0.602	177.1	10.87	-0.38	0.46	0.895		0.802		0.901		0.005	1.001
12	0.602	177.1	10.87	-0.38	0.63	0.894		0.801		0.900		0.007	1.002
13	0.600	175.9	10.87	-0.38	0.96	0.924		0.858		0.929		0.014	1.003
14	0.601	176.5	10.87	-0.38	1.47	0.969		0.944		0.971		0.016	1.004
15	0.601	176.5	10.87	-0.38	1.96	0.980		0.967		0.982		0.024	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
172	571	1	66	5	0.601	1.514	891	176.5	698	65.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.601	176.5	10.87	-0.48	-2.04	0.984		0.973		0.985		0.020	1.005
2	0.602	177.1	10.87	-0.48	-1.54	0.983		0.969		0.984		0.016	1.004
3	0.602	177.1	10.87	-0.48	-1.04	0.963		0.931		0.966		0.013	1.003
4	0.602	177.1	10.87	-0.48	-0.71	0.915		0.839		0.921		0.005	1.001
5	0.602	177.1	10.87	-0.48	-0.54	0.900		0.811		0.905		0.008	1.002
6	0.602	177.1	10.87	-0.48	-0.38	0.901		0.811		0.907		-0.003	0.999
7	0.602	177.1	10.87	-0.48	-0.21	0.886		0.784		0.892		-0.005	0.999
8	0.602	177.1	10.87	-0.48	-0.04	0.888		0.789		0.895		0.002	1.000
9	0.602	177.1	10.87	-0.48	0.12	0.897		0.803		0.903		-0.006	0.998
10	0.602	177.1	10.87	-0.48	0.29	0.891		0.796		0.897		0.008	1.002
11	0.602	177.1	10.87	-0.48	0.47	0.905		0.821		0.911		0.008	1.002
12	0.602	177.1	10.87	-0.48	0.63	0.902		0.817		0.908		0.014	1.004
13	0.604	177.7	10.87	-0.48	0.96	0.948		0.898		0.951		0.001	1.000
14	0.602	177.1	10.87	-0.48	1.47	0.974		0.952		0.975		0.016	1.004
15	0.601	176.5	10.87	-0.48	1.96	0.981		0.968		0.982		0.027	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
173	571	1	66	5	0.602	1.514	891	177.1	697	66.2	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.1	9.99	0.00	-0.37	0.856		0.732		0.864		-0.007	0.998
2	0.603	177.1	9.99	0.00	-0.20	0.871		0.759		0.879		-0.003	0.999
3	0.603	177.1	9.99	0.00	-0.03	0.872		0.759		0.879		-0.010	0.997
4	0.604	177.7	9.99	0.00	0.14	0.877		0.768		0.884		-0.006	0.998
5	0.604	177.7	9.99	0.00	0.30	0.866		0.751		0.874		0.001	1.000
6	0.602	177.1	10.00	0.00	0.47	0.880		0.776		0.887		0.007	1.002
7	0.601	176.5	10.00	0.00	0.63	0.894		0.800		0.900		0.002	1.000
8	0.601	176.5	10.00	0.00	0.97	0.921		0.853		0.926		0.022	1.006
9	0.601	176.5	9.99	0.00	1.47	0.968		0.941		0.970		0.018	1.005
10	0.601	176.5	9.99	0.00	1.98	0.985		0.975		0.986		0.015	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
174	571	1	66	5	0.902	1.479	699	234.7	412	68.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.902	234.7	10.87	-0.03	-1.98	0.924		0.879		0.933		0.053	1.030
2	0.901	234.8	10.87	-0.03	-1.54	0.931		0.885		0.939		0.039	1.022
3	0.902	235.3	10.88	-0.03	-1.03	0.924		0.866		0.934		0.024	1.013
4	0.901	234.8	10.87	-0.03	-0.70	0.894		0.805		0.907		0.012	1.007
5	0.900	234.3	10.87	-0.03	-0.54	0.863		0.753		0.879		0.018	1.010
6	0.900	234.3	10.87	-0.03	-0.36	0.847		0.724		0.865		0.014	1.008
7	0.900	234.4	10.87	-0.03	-0.20	0.840		0.713		0.858		0.019	1.011
8	0.900	234.4	10.87	-0.03	-0.04	0.840		0.709		0.858		0.006	1.003
9	0.902	235.3	10.87	-0.03	0.13	0.845		0.711		0.862		-0.008	0.995
10	0.903	235.7	10.87	-0.03	0.30	0.854		0.726		0.870		-0.007	0.996
11	0.903	235.1	10.87	-0.03	0.46	0.860		0.738		0.876		-0.003	0.999
12	0.903	235.1	10.87	-0.03	0.62	0.858		0.736		0.875		-0.001	0.999
13	0.902	234.7	10.87	-0.03	0.97	0.899		0.819		0.911		0.025	1.014
14	0.903	235.1	10.88	-0.03	1.46	0.958		0.936		0.964		0.036	1.021
15	0.904	235.6	10.87	-0.03	1.97	0.965		0.956		0.970		0.045	1.026

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
175	571	1	66	5	0.900	1.473	697	233.8	412	69.2	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.900	233.8	8.49	-0.01	-2.03	0.919		0.864		0.929		0.041	1.023
2	0.899	233.8	8.49	-0.01	-1.52	0.919		0.868		0.929		0.048	1.027
3	0.899	233.9	8.49	-0.01	-1.03	0.924		0.866		0.933		0.026	1.015
4	0.899	233.9	8.49	-0.01	-0.69	0.881		0.784		0.895		0.017	1.010
5	0.899	233.9	8.49	-0.01	-0.53	0.865		0.750		0.880		0.005	1.003
6	0.899	233.9	8.49	-0.01	-0.36	0.834		0.694		0.852		-0.005	0.997
7	0.900	234.3	8.49	-0.01	-0.19	0.815		0.658		0.835		-0.019	0.989
8	0.903	235.2	8.49	-0.01	-0.01	0.824		0.668		0.843		-0.028	0.984
9	0.903	235.1	8.49	-0.01	0.14	0.811		0.650		0.831		-0.019	0.989
10	0.904	235.1	8.49	-0.01	0.31	0.806		0.645		0.827		-0.014	0.992
11	0.901	233.7	8.49	-0.01	0.47	0.810		0.661		0.831		0.011	1.006
12	0.896	233.0	8.49	-0.01	0.64	0.831		0.699		0.849		0.023	1.013
13	0.895	232.6	8.49	-0.01	0.97	0.910		0.835		0.921		0.015	1.008
14	0.898	234.0	8.49	-0.01	1.47	0.972		0.962		0.976		0.030	1.017

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
176	571	1	66	5	0.852	1.498	726	229.7	452	69.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.852	229.7	8.49	-0.01	-2.03	0.904		0.830		0.915		0.030	1.015
2	0.852	229.7	8.49	-0.01	-1.53	0.924		0.864		0.933		0.024	1.012
3	0.853	230.1	8.49	-0.01	-1.03	0.922		0.856		0.931		0.014	1.007
4	0.853	230.1	8.49	-0.01	-0.69	0.877		0.772		0.890		0.008	1.004
5	0.853	230.1	8.49	-0.01	-0.53	0.857		0.735		0.872		0.003	1.001
6	0.853	230.1	8.49	-0.01	-0.36	0.827		0.685		0.844		0.003	1.001
7	0.853	230.1	8.49	-0.01	-0.19	0.820		0.669		0.837		-0.007	0.997
8	0.853	230.1	8.49	-0.01	-0.02	0.815		0.662		0.833		-0.004	0.998
10	0.852	229.8	8.49	-0.01	0.31	0.805		0.646		0.823		-0.003	0.998
11	0.852	229.8	8.49	-0.01	0.48	0.827		0.684		0.844		-0.001	1.000
12	0.852	229.8	8.49	-0.01	0.65	0.851		0.722		0.867		-0.007	0.997
13	0.853	230.1	8.49	-0.01	0.97	0.928		0.866		0.936		0.011	1.005
14	0.853	230.1	8.49	-0.01	1.48	0.971		0.959		0.974		0.035	1.018
15	0.851	229.3	8.49	-0.01	1.98	0.975		0.968		0.978		0.037	1.019

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
177	571	1	66	5	0.850	1.497	727	229.4	453	70.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.850	229.4	10.87	-0.03	-2.05	0.920		0.858		0.930		0.026	1.013
2	0.850	229.4	10.87	-0.03	-1.53	0.925		0.866		0.933		0.026	1.013
3	0.850	229.4	10.87	-0.03	-1.03	0.916		0.847		0.926		0.018	1.009
4	0.850	229.4	10.87	-0.03	-0.71	0.884		0.786		0.897		0.011	1.005
5	0.850	229.0	10.87	-0.03	-0.55	0.872		0.763		0.885		0.010	1.005
6	0.850	229.0	10.87	-0.03	-0.38	0.865		0.750		0.879		0.006	1.003
7	0.850	229.0	10.87	-0.03	-0.20	0.857		0.739		0.871		0.014	1.007
8	0.848	228.6	10.87	-0.03	-0.03	0.859		0.738		0.873		0.002	1.001
9	0.849	229.1	10.87	-0.03	0.13	0.861		0.742		0.876		-0.000	1.000
10	0.849	229.1	10.87	-0.03	0.29	0.857		0.734		0.871		0.002	1.001
11	0.850	229.4	10.87	-0.03	0.46	0.857		0.737		0.872		0.005	1.002
12	0.850	229.4	10.87	-0.03	0.63	0.875		0.765		0.888		0.002	1.001
13	0.850	229.4	10.87	-0.03	0.96	0.915		0.843		0.925		0.011	1.006
14	0.852	229.8	10.87	-0.03	1.46	0.970		0.952		0.974		0.022	1.011
15	0.852	229.8	10.87	-0.03	1.97	0.976		0.970		0.979		0.036	1.018

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
178	571	1	66	5	0.250	1.517	1891	79.5	1811	66.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	79.5	10.87	0.41	-2.04	0.995	0.000	0.989	0.000	0.995	0.000	-0.010	1.000
2	0.250	79.5	10.87	0.41	-1.54	0.984	0.000	0.967	0.000	0.984	0.000	-0.010	1.000
3	0.249	78.8	10.87	0.41	-1.04	0.968	0.000	0.937	0.000	0.969	0.000	-0.012	0.999
4	0.250	79.5	10.87	0.41	-0.71	0.917	0.000	0.841	0.000	0.918	0.000	-0.012	0.999
5	0.250	79.5	10.87	0.41	-0.54	0.923	0.000	0.851	0.000	0.924	0.000	-0.010	1.000
6	0.250	79.5	10.87	0.41	-0.37	0.928	0.000	0.861	0.000	0.929	0.000	-0.012	0.999
7	0.250	79.5	10.87	0.41	-0.20	0.915	0.000	0.837	0.000	0.916	0.000	-0.012	0.999
8	0.250	79.5	10.87	0.41	-0.03	0.918	0.000	0.843	0.000	0.919	0.000	-0.019	0.999
9	0.250	79.5	10.87	0.41	0.13	0.919	0.000	0.844	0.000	0.920	0.000	-0.014	0.999
10	0.250	79.5	10.87	0.41	0.38	0.910	0.000	0.827	0.000	0.911	0.000	-0.015	0.999
11	0.250	79.5	10.87	0.41	0.46	0.928	0.000	0.861	0.000	0.929	0.000	-0.012	0.999
12	0.250	79.5	10.87	0.41	0.63	0.939	0.000	0.880	0.000	0.939	0.000	-0.012	0.999
13	0.250	79.5	10.87	0.41	0.96	0.950	0.000	0.901	0.000	0.950	0.000	-0.012	0.999
14	0.250	79.5	10.87	0.41	1.47	0.986	0.000	0.970	0.000	0.986	0.000	-0.021	0.999
15	0.250	79.5	10.87	0.41	1.96	0.995	0.000	0.989	0.000	0.995	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
179	571	1	66	5	0.249	1.512	1892	78.8	1812	66.2	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	10.87	-0.03	-2.04	0.939	0.000	0.881	0.000	0.940	0.000	-0.019	0.999
2	0.248	78.1	10.87	-0.03	-1.54	0.944	0.000	0.891	0.000	0.945	0.000	-0.019	0.999
3	0.248	78.1	10.87	-0.03	-1.04	0.946	0.000	0.894	0.000	0.947	0.000	-0.021	0.999
4	0.248	78.1	10.87	-0.03	-0.71	0.911	0.000	0.829	0.000	0.912	0.000	-0.021	0.999
5	0.248	78.1	10.87	-0.03	-0.55	0.892	0.000	0.796	0.000	0.894	0.000	-0.028	0.999
6	0.248	78.1	10.87	-0.03	-0.37	0.910	0.000	0.827	0.000	0.911	0.000	-0.025	0.999
7	0.248	78.1	10.87	-0.03	-0.20	0.890	0.000	0.792	0.000	0.891	0.000	-0.021	0.999
8	0.248	78.1	10.87	-0.03	-0.04	0.913	0.000	0.833	0.000	0.914	0.000	-0.030	0.999
9	0.248	78.1	10.87	-0.03	0.13	0.895	0.000	0.801	0.000	0.896	0.000	-0.025	0.999
10	0.248	78.1	10.87	-0.03	0.30	0.892	0.000	0.796	0.000	0.894	0.000	-0.028	0.999
11	0.248	78.1	10.87	-0.03	0.46	0.930	0.000	0.864	0.000	0.931	0.000	-0.030	0.999
12	0.248	78.1	10.87	-0.03	0.63	0.913	0.000	0.833	0.000	0.914	0.000	-0.021	0.999
13	0.248	78.1	10.87	-0.03	0.96	0.926	0.000	0.857	0.000	0.927	0.000	-0.021	0.999
14	0.249	78.8	10.87	-0.03	1.46	0.984	0.000	0.968	0.000	0.984	0.000	-0.010	1.000
15	0.249	78.8	10.87	-0.03	1.97	0.992	0.000	0.984	0.000	0.992	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
180	571	1	66	5	0.248	1.506	1891	78.1	1812	65.9	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.248	78.1	10.87	-0.38	-2.03	0.994	0.000	0.987	0.000	0.994	0.000	-0.019	0.999
2	0.249	78.8	10.87	-0.38	-1.54	0.980	0.000	0.960	0.000	0.980	0.000	-0.010	1.000
3	0.248	78.1	10.87	-0.38	-1.05	0.945	0.000	0.892	0.000	0.946	0.000	-0.021	0.999
4	0.248	78.1	10.87	-0.38	-0.71	0.907	0.000	0.822	0.000	0.908	0.000	-0.023	0.999
5	0.248	78.1	10.87	-0.38	-0.54	0.923	0.000	0.852	0.000	0.924	0.000	-0.021	0.999
6	0.248	78.1	10.87	-0.38	-0.37	0.906	0.000	0.820	0.000	0.907	0.000	-0.012	0.999
7	0.249	78.8	10.87	-0.38	-0.21	0.890	0.000	0.792	0.000	0.891	0.000	-0.012	0.999
8	0.249	78.8	10.87	-0.38	-0.05	0.901	0.000	0.811	0.000	0.902	0.000	-0.021	0.999
9	0.248	78.1	10.87	-0.38	0.13	0.910	0.000	0.827	0.000	0.911	0.000	-0.021	0.999
10	0.248	78.1	10.87	-0.38	0.30	0.900	0.000	0.810	0.000	0.901	0.000	-0.021	0.999
11	0.248	78.1	10.88	-0.38	0.46	0.903	0.000	0.815	0.000	0.904	0.000	-0.021	0.999
12	0.248	78.1	10.88	-0.38	0.63	0.954	0.000	0.910	0.000	0.955	0.000	-0.021	0.999
13	0.249	78.8	10.88	-0.38	0.96	0.942	0.000	0.886	0.000	0.942	0.000	-0.012	0.999
14	0.249	78.8	10.88	-0.38	1.47	0.966	0.000	0.932	0.000	0.966	0.000	-0.021	0.999
15	0.249	78.8	10.87	-0.38	1.96	0.991	0.000	0.981	0.000	0.991	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
181	571	1	66	5	0.249	1.514	1892	78.8	1812	65.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	10.87	-0.48	-2.05	0.991	0.000	0.981	0.000	0.991	0.000	-0.019	0.999
2	0.249	78.8	10.87	-0.48	-1.54	0.975	0.000	0.951	0.000	0.976	0.000	-0.010	1.000
3	0.248	78.1	10.87	-0.48	-1.04	0.954	0.000	0.910	0.000	0.955	0.000	-0.019	0.999
4	0.249	78.8	10.87	-0.48	-0.71	0.912	0.000	0.831	0.000	0.913	0.000	-0.012	0.999
5	0.250	79.5	10.87	-0.48	-0.53	0.905	0.000	0.818	0.000	0.906	0.000	-0.012	0.999
6	0.249	78.8	10.87	-0.48	-0.38	0.907	0.000	0.822	0.000	0.908	0.000	-0.021	0.999
7	0.249	78.8	10.87	-0.48	-0.21	0.923	0.000	0.852	0.000	0.924	0.000	-0.028	0.999
8	0.249	78.8	10.87	-0.48	-0.04	0.914	0.000	0.834	0.000	0.915	0.000	-0.030	0.999
9	0.249	78.8	10.87	-0.48	0.12	0.899	0.000	0.808	0.000	0.900	0.000	-0.030	0.999
10	0.250	79.5	10.87	-0.48	0.29	0.914	0.000	0.835	0.000	0.915	0.000	-0.012	0.999
11	0.250	79.5	10.87	-0.48	0.47	0.908	0.000	0.823	0.000	0.909	0.000	-0.012	0.999
12	0.250	79.5	10.87	-0.48	0.63	0.927	0.000	0.858	0.000	0.927	0.000	-0.012	0.999
13	0.250	79.5	10.87	-0.48	0.96	0.951	0.000	0.905	0.000	0.952	0.000	-0.012	0.999
14	0.250	79.5	10.87	-0.48	1.46	0.990	0.000	0.979	0.000	0.990	0.000	-0.010	1.000
15	0.250	79.5	10.87	-0.48	1.97	0.990	0.000	0.979	0.000	0.990	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	C	P	TT	ALPHA
182	571	1	66	5	0.249	1.514	1892	78.8	1812	65.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	10.00	0.00	-0.37	0.892	0.000	0.796	0.000	0.894	0.000	-0.026	0.999
2	0.250	79.5	10.00	0.00	-0.19	0.885	0.000	0.782	0.000	0.886	0.000	-0.022	0.999
3	0.250	79.5	10.00	0.00	-0.04	0.885	0.000	0.782	0.000	0.886	0.000	-0.021	0.999
4	0.250	79.5	10.00	0.00	0.13	0.891	0.000	0.792	0.000	0.892	0.000	-0.024	0.999
5	0.250	79.5	9.99	0.00	0.30	0.900	0.000	0.810	0.000	0.901	0.000	-0.024	0.999
6	0.250	79.5	9.99	0.00	0.46	0.905	0.000	0.818	0.000	0.906	0.000	-0.012	0.999
7	0.249	78.8	9.99	0.00	0.64	0.915	0.000	0.836	0.000	0.916	0.000	-0.023	0.999
8	0.249	78.8	9.99	0.00	0.96	0.958	0.000	0.918	0.000	0.959	0.000	-0.021	0.999
9	0.249	78.8	9.99	0.00	1.47	0.985	0.000	0.977	0.000	0.989	0.000	-0.019	0.999
10	0.249	78.8	9.99	0.00	1.97	0.997	0.000	0.993	0.000	0.997	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	C	P	TT	ALPHA
183	571	1	66	5	0.249	1.515	1892	78.8	1812	65.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	7.05	0.01	-2.02	0.936	0.000	0.876	0.000	0.937	0.000	-0.010	1.000
2	0.248	78.1	7.05	0.01	-1.51	0.950	0.000	0.901	0.000	0.950	0.000	-0.019	0.999
3	0.248	78.1	7.05	0.01	-1.01	0.937	0.000	0.877	0.000	0.937	0.000	-0.012	0.999
4	0.249	78.8	7.05	0.01	-0.68	0.901	0.000	0.811	0.000	0.902	0.000	-0.025	0.999
5	0.248	78.1	7.05	0.01	-0.52	0.849	0.000	0.720	0.000	0.850	0.000	-0.025	0.999
6	0.249	78.8	7.05	0.01	-0.35	0.853	0.000	0.727	0.000	0.855	0.000	-0.019	0.999
7	0.249	78.8	7.05	0.01	-0.19	0.812	0.000	0.659	0.000	0.814	0.000	-0.025	0.999
8	0.249	78.8	7.05	0.01	-0.01	0.832	0.000	0.690	0.000	0.833	0.000	-0.039	0.998
9	0.249	78.8	7.05	0.01	0.15	0.885	0.000	0.782	0.000	0.886	0.000	-0.037	0.998
10	0.249	78.8	7.05	0.01	0.32	0.867	0.000	0.750	0.000	0.868	0.000	-0.025	0.999
11	0.249	78.8	7.05	0.01	0.48	0.893	0.000	0.796	0.000	0.894	0.000	-0.037	0.998
12	0.249	78.8	7.05	0.01	0.66	0.908	0.000	0.824	0.000	0.909	0.000	-0.028	0.999
13	0.249	78.8	7.05	0.01	0.99	0.947	0.000	0.895	0.000	0.947	0.000	-0.021	0.999
14	0.249	78.8	7.05	0.01	1.49	0.991	0.000	0.982	0.000	0.992	0.000	-0.019	0.999
15	0.249	78.8	7.05	0.01	1.99	0.991	0.000	0.981	0.000	0.991	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
184	571	1	66	5	0.249	1.515	1892	78.8	1812	65.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	8.49	-0.45	-2.03	0.992	0.000	0.984	0.000	0.992	0.000	-0.017	0.999
2	0.249	78.8	8.49	-0.45	-1.52	0.986	0.000	0.972	0.000	0.986	0.000	-0.010	1.000
3	0.249	78.8	8.49	-0.45	-1.03	0.973	0.000	0.946	0.000	0.973	0.000	-0.010	1.000
4	0.249	78.8	8.49	-0.45	-0.70	0.907	0.000	0.822	0.000	0.908	0.000	-0.017	0.999
5	0.249	78.8	8.49	-0.45	-0.52	0.882	0.000	0.778	0.000	0.884	0.000	-0.021	0.999
6	0.249	78.8	8.49	-0.45	-0.36	0.898	0.000	0.804	0.000	0.899	0.000	-0.033	0.999
7	0.249	78.8	8.49	-0.45	-0.19	0.908	0.000	0.824	0.000	0.909	0.000	-0.030	0.999
8	0.249	78.8	8.49	-0.45	-0.02	0.893	0.000	0.796	0.000	0.894	0.000	-0.030	0.999
9	0.249	78.8	8.49	-0.45	0.14	0.896	0.000	0.801	0.000	0.897	0.000	-0.039	0.998
10	0.249	78.8	8.49	-0.45	0.31	0.898	0.000	0.806	0.000	0.899	0.000	-0.030	0.999
11	0.249	78.8	8.49	-0.45	0.48	0.894	0.000	0.799	0.000	0.895	0.000	-0.023	0.999
12	0.250	79.5	8.49	-0.45	0.64	0.929	0.000	0.862	0.000	0.929	0.000	-0.021	0.999
13	0.250	79.5	8.49	-0.45	0.98	0.928	0.000	0.861	0.000	0.929	0.000	-0.012	0.999
14	0.249	78.8	8.49	-0.45	1.49	0.991	0.000	0.981	0.000	0.991	0.000	-0.019	0.999
15	0.249	78.8	8.49	-0.45	1.98	0.995	0.000	0.989	0.000	0.995	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
185	571	1	66	5	0.249	1.515	1891	78.8	1811	65.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	8.49	-0.01	-2.02	0.931	0.000	0.867	0.000	0.932	0.000	-0.010	1.000
2	0.249	78.8	8.49	-0.01	-1.53	0.942	0.000	0.886	0.000	0.942	0.000	-0.010	1.000
3	0.249	78.8	8.49	-0.01	-1.03	0.950	0.000	0.902	0.000	0.951	0.000	-0.010	1.000
4	0.250	79.5	8.49	-0.01	-0.69	0.908	0.000	0.823	0.000	0.909	0.000	-0.012	0.999
5	0.249	78.8	8.49	-0.01	-0.52	0.872	0.000	0.759	0.000	0.873	0.000	-0.021	0.999
6	0.249	78.8	8.49	-0.01	-0.36	0.877	0.000	0.768	0.000	0.878	0.000	-0.025	0.999
7	0.249	78.8	8.49	-0.01	-0.20	0.886	0.000	0.783	0.000	0.887	0.000	-0.037	0.998
8	0.250	79.5	8.49	-0.01	-0.02	0.854	0.000	0.728	0.000	0.855	0.000	-0.033	0.999
9	0.249	78.8	8.49	-0.01	0.15	0.875	0.000	0.764	0.000	0.876	0.000	-0.033	0.999
10	0.249	78.8	8.49	-0.01	0.31	0.887	0.000	0.785	0.000	0.888	0.000	-0.033	0.999
11	0.250	79.5	8.49	-0.01	0.48	0.914	0.000	0.834	0.000	0.915	0.000	-0.028	0.999
12	0.250	79.5	8.49	-0.01	0.65	0.933	0.000	0.868	0.000	0.933	0.000	-0.033	0.999
13	0.250	79.5	8.49	-0.01	0.98	0.949	0.000	0.900	0.000	0.949	0.000	-0.021	0.999
14	0.251	80.2	8.49	-0.01	1.48	0.982	0.000	0.964	0.000	0.982	0.000	-0.001	1.000
15	0.250	79.5	8.49	-0.01	1.98	0.995	0.000	0.989	0.000	0.995	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
186	571	1	66	5	0.251	1.528	1892	80.2	1811	65.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	80.2	8.49	0.43	-2.03	0.993	0.000	0.986	0.000	0.993	0.000	-0.019	0.999
2	0.251	80.2	8.49	0.43	-1.52	0.993	0.000	0.986	0.000	0.993	0.000	-0.019	0.999
3	0.251	80.2	8.49	0.43	-1.03	0.978	0.000	0.955	0.000	0.978	0.000	-0.021	0.999
4	0.251	80.2	8.49	0.43	-0.69	0.905	0.000	0.818	0.000	0.906	0.000	-0.021	0.999
5	0.251	80.2	8.49	0.43	-0.52	0.912	0.000	0.832	0.000	0.913	0.000	-0.021	0.999
6	0.253	80.8	8.49	0.43	-0.36	0.928	0.000	0.861	0.000	0.929	0.000	-0.020	0.999
7	0.253	80.8	8.49	0.43	-0.17	0.935	0.000	0.872	0.000	0.935	0.000	-0.029	0.999
8	0.251	80.2	8.49	0.43	-0.02	0.911	0.000	0.828	0.000	0.912	0.000	-0.021	0.999
9	0.251	80.2	8.49	0.43	0.14	0.915	0.000	0.837	0.000	0.916	0.000	-0.029	0.999
10	0.251	80.2	8.49	0.43	0.31	0.905	0.000	0.818	0.000	0.906	0.000	-0.021	0.999
11	0.251	80.2	8.49	0.43	0.48	0.905	0.000	0.818	0.000	0.906	0.000	-0.033	0.999
12	0.251	80.2	8.49	0.43	0.64	0.909	0.000	0.827	0.000	0.910	0.000	-0.012	0.999
13	0.251	80.2	8.49	0.43	0.99	0.944	0.000	0.890	0.000	0.944	0.000	-0.012	0.999
14	0.251	80.2	8.49	0.43	1.49	0.982	0.000	0.964	0.000	0.982	0.000	-0.010	1.000
15	0.251	80.2	8.49	0.43	1.98	0.988	0.000	0.976	0.000	0.988	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
187	571	1	66	5	0.952	1.484	679	240.7	379	63.8	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.952	240.7	10.88	0.41	-2.04	0.966		0.962		0.971		0.049	1.031
3	0.952	240.7	10.88	0.41	-1.54	0.966		0.960		0.971		0.046	1.029
4	0.952	240.7	10.88	0.41	-1.04	0.960		0.942		0.966		0.033	1.021
5	0.950	240.1	10.87	0.41	-0.71	0.918		0.854		0.929		0.023	1.015
6	0.950	240.1	10.87	0.41	-0.53	0.922		0.861		0.933		0.020	1.013
7	0.950	239.6	10.88	0.41	-0.37	0.935		0.884		0.944		0.017	1.011
8	0.950	240.1	10.88	0.41	-0.20	0.919		0.852		0.930		0.016	1.010
9	0.950	239.6	10.88	0.41	-0.04	0.922		0.855		0.932		0.010	1.007
10	0.950	239.6	10.88	0.41	0.12	0.907		0.827		0.920		0.007	1.005
11	0.950	239.6	10.88	0.41	0.29	0.886		0.789		0.901		0.009	1.005
12	0.947	238.8	10.88	0.41	0.46	0.888		0.792		0.902		0.009	1.006
13	0.947	238.8	10.88	0.41	0.63	0.879		0.775		0.895		0.005	1.003
14	0.948	239.3	10.88	0.41	0.96	0.891		0.798		0.906		0.007	1.004
15	0.948	239.3	10.88	0.41	1.16	0.914		0.838		0.925		0.006	1.004
16	0.949	239.7	10.88	0.41	1.47	0.954		0.917		0.961		0.010	1.006
17	0.948	239.3	10.87	0.41	1.96	0.969		0.963		0.974		0.040	1.025

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
188	571	1	66	5	0.954	1.477	678	240.6	377	65.3	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	240.6	10.88	-0.03	-2.04	0.899		0.824		0.912		0.031	1.020
2	0.953	240.1	10.88	-0.03	-1.55	0.914		0.856		0.926		0.040	1.026
3	0.952	240.1	10.88	-0.03	-1.04	0.916		0.857		0.928		0.032	1.021
4	0.951	240.1	10.88	-0.03	-0.70	0.902		0.828		0.916		0.026	1.016
5	0.951	240.1	10.88	-0.03	-0.54	0.887		0.799		0.902		0.025	1.016
6	0.950	239.6	10.88	-0.03	-0.38	0.884		0.790		0.899		0.019	1.012
7	0.950	239.6	10.88	-0.03	-0.21	0.879		0.781		0.895		0.015	1.010
8	0.948	239.3	10.88	-0.03	-0.04	0.875		0.773		0.891		0.015	1.009
9	0.948	239.3	10.88	-0.03	0.13	0.875		0.771		0.891		0.012	1.008
10	0.948	239.3	10.88	-0.03	0.29	0.871		0.765		0.887		0.014	1.009
11	0.946	238.9	10.88	-0.03	0.46	0.880		0.776		0.895		0.005	1.003
12	0.946	238.9	10.88	-0.03	0.62	0.878		0.769		0.894		-0.004	0.998
13	0.947	239.3	10.88	-0.03	0.96	0.887		0.783		0.902		-0.008	0.995
14	0.950	240.2	10.88	-0.03	1.16	0.894		0.797		0.908		-0.004	0.998
15	0.950	240.2	10.87	-0.03	1.46	0.934		0.877		0.943		0.009	1.006
16	0.948	239.3	10.87	-0.03	1.97	0.967		0.959		0.972		0.040	1.025

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
189	571	1	66	5	0.954	1.476	679	241.2	378	66.3	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	241.2	10.87	-0.38	-2.04	0.968		0.956		0.973		0.031	1.020
2	0.956	241.7	10.87	-0.38	-1.54	0.970		0.958		0.975		0.028	1.018
3	0.957	241.7	10.88	-0.38	-1.05	0.962		0.940		0.968		0.024	1.016
4	0.956	241.1	10.87	-0.38	-0.71	0.926		0.869		0.936		0.022	1.014
5	0.953	240.1	10.87	-0.38	-0.54	0.901		0.825		0.915		0.024	1.015
6	0.953	240.1	10.87	-0.38	-0.37	0.896		0.816		0.910		0.027	1.017
7	0.949	239.1	10.87	-0.38	-0.21	0.895		0.811		0.909		0.018	1.011
8	0.949	239.1	10.88	-0.38	-0.04	0.899		0.818		0.912		0.021	1.013
9	0.949	239.2	10.87	-0.38	0.13	0.878		0.777		0.893		0.013	1.008
10	0.950	239.6	10.87	-0.38	0.30	0.864		0.751		0.881		0.009	1.005
11	0.948	239.3	10.87	-0.38	0.47	0.878		0.773		0.894		0.005	1.003
12	0.949	239.7	10.87	-0.38	0.64	0.870		0.756		0.886		-0.001	0.999
13	0.949	239.7	10.87	-0.38	0.97	0.880		0.778		0.895		0.008	1.005
14	0.947	239.3	10.87	-0.38	1.17	0.910		0.830		0.922		0.005	1.003
15	0.947	239.3	10.87	-0.38	1.46	0.932		0.877		0.941		0.015	1.009
16	0.944	238.0	10.87	-0.38	1.96	0.961		0.948		0.966		0.043	1.027

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
190	571	1	66	5	0.949	1.483	685	242.0	384	67.1	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.949	242.0	10.87	-0.48	-2.05	0.974		0.969		0.978		0.033	1.021
2	0.950	242.4	10.87	-0.48	-1.54	0.972		0.965		0.977		0.032	1.020
3	0.952	242.9	10.87	-0.48	-1.05	0.960		0.938		0.966		0.029	1.019
4	0.952	242.9	10.87	-0.48	-0.71	0.917		0.851		0.928		0.020	1.013
5	0.952	242.9	10.87	-0.48	-0.54	0.910		0.836		0.922		0.015	1.009
6	0.951	242.4	10.87	-0.48	-0.37	0.915		0.845		0.927		0.013	1.008
7	0.951	242.4	10.87	-0.48	-0.21	0.920		0.850		0.931		0.009	1.005
8	0.951	242.4	10.87	-0.48	-0.04	0.908		0.831		0.921		0.012	1.007
9	0.951	242.4	10.87	-0.48	0.12	0.903		0.819		0.916		0.007	1.005
10	0.951	242.4	10.87	-0.48	0.29	0.936		0.849		0.945		-0.047	0.970
11	0.951	242.4	10.87	-0.48	0.47	0.880		0.775		0.895		0.002	1.001
12	0.951	242.4	10.87	-0.48	0.63	0.877		0.769		0.893		-0.000	1.000
13	0.950	241.9	10.87	-0.48	0.96	0.894		0.800		0.908		0.003	1.002
14	0.950	241.9	10.87	-0.48	1.16	0.912		0.834		0.924		0.003	1.002
15	0.950	242.4	10.87	-0.48	1.46	0.944		0.899		0.952		0.014	1.009
16	0.950	242.4	10.87	-0.48	1.97	0.971		0.966		0.975		0.041	1.026

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
191	571	1	66	5	0.952	1.479	684	242.3	382	68.1	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	242.3	8.49	0.43	-2.03	0.973		0.968		0.977		0.033	1.021
2	0.953	242.9	8.49	0.43	-1.52	0.970		0.963		0.974		0.037	1.023
3	0.954	243.4	8.49	0.43	-1.03	0.960		0.941		0.966		0.034	1.022
4	0.952	242.9	8.49	0.43	-0.69	0.917		0.852		0.928		0.021	1.013
5	0.952	242.9	8.49	0.43	-0.52	0.933		0.880		0.943		0.017	1.011
6	0.950	242.4	8.49	0.43	-0.36	0.930		0.872		0.940		0.012	1.008
7	0.950	242.4	8.49	0.43	-0.19	0.922		0.853		0.933		0.006	1.004
8	0.950	242.4	8.49	0.43	-0.03	0.918		0.843		0.929		-0.000	1.000
9	0.949	242.0	8.49	0.43	0.14	0.896		0.800		0.910		-0.007	0.996
10	0.948	241.5	8.49	0.43	0.30	0.886		0.777		0.901		-0.015	0.991
11	0.948	241.5	8.49	0.43	0.48	0.880		0.765		0.895		-0.019	0.988
12	0.948	241.5	8.49	0.43	0.65	0.877		0.756		0.893		-0.026	0.983
13	0.948	241.5	8.49	0.43	0.98	0.915		0.822		0.927		-0.031	0.981
14	0.950	241.9	8.49	0.43	1.18	0.929		0.855		0.939		-0.013	0.992
15	0.947	241.0	8.49	0.43	1.48	0.970		0.941		0.975		-0.000	1.000
16	0.948	241.5	8.49	0.43	1.98	0.976		0.975		0.980		0.038	1.024

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
192	571	1	66	5	0.951	1.478	685	242.4	383	68.6	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	242.4	8.49	-0.01	-2.03	0.900		0.821		0.913		0.021	1.014
2	0.952	242.3	8.49	-0.01	-1.53	0.916		0.853		0.927		0.026	1.017
3	0.951	241.8	8.49	-0.01	-1.02	0.925		0.865		0.935		0.017	1.011
4	0.953	242.9	8.49	-0.01	-0.69	0.906		0.825		0.919		0.009	1.006
5	0.953	242.9	8.49	-0.01	-0.53	0.901		0.816		0.914		0.009	1.006
6	0.953	242.9	8.49	-0.01	-0.36	0.885		0.782		0.900		-0.002	0.999
7	0.951	242.4	8.49	-0.01	-0.19	0.869		0.754		0.886		-0.004	0.998
8	0.951	242.4	8.49	-0.01	-0.01	0.853		0.724		0.872		-0.010	0.994
9	0.951	242.4	8.49	-0.01	0.15	0.868		0.744		0.885		-0.019	0.988
10	0.951	242.4	8.49	-0.01	0.31	0.862		0.734		0.879		-0.018	0.988
11	0.952	242.9	8.49	-0.01	0.48	0.849		0.711		0.868		-0.022	0.986
12	0.952	242.9	8.49	-0.01	0.65	0.850		0.710		0.868		-0.025	0.984
13	0.952	242.9	8.49	-0.01	0.98	0.875		0.759		0.891		-0.013	0.992
14	0.951	242.4	8.49	-0.01	1.18	0.914		0.833		0.926		-0.004	0.997
15	0.950	241.9	8.49	-0.01	1.48	0.955		0.919		0.962		0.011	1.007
16	0.950	241.9	8.49	-0.01	1.98	0.974		0.973		0.977		0.042	1.026

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
193	571	1	66	5	0.952	1.475	684	242.3	382	69.1	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	242.3	8.49	-0.36	-2.02	0.972		0.963		0.976		0.031	1.020
2	0.952	242.3	8.49	-0.36	-1.52	0.973		0.964		0.977		0.028	1.018
3	0.953	242.9	8.49	-0.36	-1.03	0.966		0.950		0.971		0.028	1.018
4	0.952	242.9	8.49	-0.36	-0.69	0.925		0.865		0.935		0.017	1.011
5	0.954	243.4	8.49	-0.36	-0.52	0.902		0.819		0.915		0.009	1.006
6	0.952	242.9	8.49	-0.36	-0.36	0.889		0.791		0.904		0.001	1.001
7	0.950	241.9	8.49	-0.36	-0.19	0.886		0.783		0.901		-0.003	0.998
8	0.949	241.4	8.49	-0.36	-0.01	0.883		0.776		0.899		-0.008	0.995
9	0.949	241.4	8.49	-0.36	0.14	0.877		0.763		0.893		-0.012	0.992
10	0.949	241.4	8.49	-0.36	0.32	0.871		0.751		0.887		-0.016	0.990
11	0.949	241.4	8.49	-0.36	0.48	0.846		0.709		0.865		-0.014	0.991
12	0.947	241.0	8.49	-0.36	0.65	0.860		0.734		0.878		-0.011	0.993
13	0.948	241.5	8.49	-0.36	0.98	0.888		0.785		0.903		-0.007	0.996
14	0.946	241.1	8.49	-0.36	1.18	0.929		0.856		0.939		-0.014	0.991
15	0.949	242.0	8.49	-0.36	1.48	0.976		0.956		0.979		0.007	1.005
16	0.948	241.5	8.49	-0.36	1.98	0.976		0.976		0.980		0.039	1.025

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
194	571	1	66	5	0.952	1.474	684	242.3	382	69.5	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.952	242.3	8.49	-0.45	-2.03	0.975		0.970		0.979		0.032	1.020
3	0.955	243.4	8.49	-0.45	-1.52	0.973		0.966		0.977		0.031	1.020
4	0.955	243.4	8.49	-0.45	-1.02	0.970		0.954		0.974		0.022	1.014
5	0.956	243.9	8.49	-0.45	-0.69	0.928		0.869		0.939		0.012	1.008
6	0.956	243.9	8.49	-0.45	-0.52	0.916		0.843		0.927		0.007	1.004
7	0.956	243.9	8.49	-0.45	-0.35	0.909		0.827		0.922		0.001	1.000
8	0.955	243.4	8.49	-0.45	-0.19	0.916		0.836		0.928		-0.006	0.996
9	0.955	243.4	8.49	-0.45	-0.02	0.894		0.797		0.909		-0.007	0.996
10	0.954	242.9	8.49	-0.45	0.14	0.890		0.784		0.905		-0.017	0.989
11	0.954	242.9	8.49	-0.45	0.31	0.884		0.772		0.900		-0.021	0.987
12	0.954	242.9	8.49	-0.45	0.48	0.856		0.723		0.874		-0.022	0.986
13	0.954	242.9	8.49	-0.45	0.65	0.858		0.729		0.876		-0.017	0.989
14	0.954	242.9	8.49	-0.45	0.98	0.903		0.811		0.916		-0.008	0.995
15	0.952	242.3	8.49	-0.45	1.18	0.953		0.903		0.960		-0.011	0.993
16	0.953	242.9	8.49	-0.45	1.48	0.976		0.954		0.979		0.004	1.002
17	0.954	243.4	8.49	-0.45	1.98	0.976		0.978		0.980		0.041	1.026

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
195	571	1	66	5	0.902	1.486	693	233.0	409	63.7	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.902	233.0	10.88	-0.03	-2.05	0.918		0.860		0.928		0.037	1.021
3	0.903	232.9	10.88	-0.03	-1.54	0.924		0.869		0.933		0.032	1.018
4	0.902	232.4	10.88	-0.03	-1.04	0.917		0.854		0.927		0.028	1.016
5	0.901	231.9	10.88	-0.03	-0.71	0.892		0.808		0.905		0.030	1.017
6	0.901	231.9	10.88	-0.03	-0.55	0.889		0.803		0.902		0.029	1.016
7	0.901	231.9	10.87	-0.03	-0.38	0.873		0.778		0.888		0.034	1.019
8	0.901	231.9	10.88	-0.03	-0.21	0.869		0.763		0.884		0.020	1.011
9	0.901	231.9	10.87	-0.03	-0.04	0.869		0.763		0.884		0.020	1.011
10	0.900	231.5	10.87	-0.03	0.13	0.862		0.751		0.878		0.019	1.011
11	0.900	231.5	10.87	-0.03	0.29	0.866		0.758		0.881		0.021	1.012
12	0.900	231.5	10.87	-0.03	0.46	0.864		0.755		0.879		0.021	1.012
13	0.900	231.5	10.87	-0.03	0.63	0.859		0.747		0.875		0.023	1.013
14	0.900	231.5	10.87	-0.03	0.97	0.882		0.786		0.896		0.020	1.011
15	0.900	231.5	10.87	-0.03	1.17	0.908		0.835		0.919		0.023	1.013
16	0.900	231.5	10.87	-0.03	1.46	0.927		0.880		0.937		0.042	1.024
17	0.898	231.1	10.87	-0.03	1.96	0.959		0.949		0.965		0.054	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
196	571	1	66	5	0.900	1.474	691	231.5	409	65.3	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.900	231.5	8.49	-0.01	-2.03	0.886		0.818		0.900		0.072	1.041
2	0.893	229.9	8.49	-0.01	-1.53	0.900		0.842		0.912		0.068	1.038
3	0.895	230.9	8.49	-0.01	-1.02	0.925		0.867		0.935		0.024	1.013
4	0.902	232.3	8.49	-0.01	-0.69	0.910		0.830		0.921		0.006	1.003
5	0.902	231.9	8.49	-0.01	-0.53	0.880		0.783		0.894		0.018	1.010
6	0.902	231.9	8.49	-0.01	-0.36	0.869		0.760		0.884		0.012	1.007
7	0.902	231.9	8.49	-0.01	-0.19	0.852		0.729		0.869		0.008	1.005
8	0.902	231.9	8.49	-0.01	-0.02	0.835		0.702		0.853		0.011	1.006
9	0.902	231.9	8.49	-0.01	0.15	0.845		0.717		0.863		0.006	1.004
10	0.901	233.1	8.49	-0.01	0.31	0.815		0.668		0.835		0.010	1.005
11	0.901	233.1	8.49	-0.01	0.47	0.819		0.672		0.838		0.005	1.003
12	0.899	232.7	8.49	-0.01	0.64	0.839		0.707		0.857		0.005	1.003
13	0.899	232.7	8.49	-0.01	0.98	0.895		0.809		0.907		0.020	1.011
14	0.898	232.3	8.49	-0.01	1.18	0.932		0.875		0.941		0.012	1.006
15	0.898	232.3	8.49	-0.01	1.47	0.961		0.940		0.966		0.033	1.019
16	0.900	233.2	8.49	-0.01	1.98	0.969		0.961		0.973		0.041	1.023

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
197	571	1	66	5	0.850	1.500	724	228.3	451	67.2	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.850	228.3	10.87	-0.03	-2.04	0.891		0.816		0.903		0.054	1.027
2	0.849	227.9	10.87	-0.03	-1.54	0.907		0.844		0.918		0.049	1.025
3	0.847	227.6	10.87	-0.03	-1.04	0.909		0.840		0.919		0.036	1.018
4	0.845	226.8	10.87	-0.03	-0.71	0.898		0.817		0.909		0.025	1.012
5	0.845	226.8	10.87	-0.03	-0.54	0.894		0.807		0.906		0.018	1.009
6	0.847	227.6	10.87	-0.03	-0.38	0.891		0.797		0.903		0.005	1.003
7	0.848	228.0	10.87	-0.03	-0.21	0.886		0.781		0.898		-0.008	0.996
8	0.852	229.1	10.87	-0.03	-0.04	0.884		0.775		0.896		-0.016	0.992
9	0.854	229.4	10.87	-0.03	0.13	0.876		0.763		0.889		-0.010	0.995
10	0.853	228.9	10.87	-0.03	0.29	0.864		0.747		0.878		0.004	1.002
11	0.852	228.5	10.87	-0.03	0.46	0.871		0.765		0.884		0.018	1.009
12	0.852	229.1	10.87	-0.03	0.63	0.869		0.759		0.883		0.012	1.006
13	0.852	229.1	10.87	-0.03	0.96	0.906		0.827		0.917		0.015	1.008
14	0.852	228.6	10.87	-0.03	1.17	0.929		0.871		0.937		0.019	1.010
15	0.852	228.6	10.87	-0.03	1.47	0.967		0.948		0.971		0.027	1.014
16	0.851	228.2	10.87	-0.03	1.97	0.975		0.967		0.978		0.036	1.018

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
198	571	1	66	5	0.849	1.497	724	227.9	452	67.9	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.849	227.9	8.49	-0.01	-2.02	0.910		0.835		0.920		0.015	1.008
2	0.852	228.6	8.49	-0.01	-1.53	0.925		0.861		0.933		0.014	1.007
3	0.854	229.3	8.49	-0.01	-1.02	0.929		0.867		0.937		0.011	1.005
4	0.853	228.9	8.49	-0.01	-0.69	0.888		0.795		0.900		0.016	1.008
5	0.852	228.5	8.49	-0.01	-0.52	0.875		0.772		0.888		0.017	1.009
6	0.853	229.0	8.49	-0.01	-0.36	0.863		0.751		0.877		0.015	1.008
7	0.852	229.1	8.49	-0.01	-0.19	0.850		0.725		0.865		0.008	1.004
8	0.852	229.1	8.49	-0.01	-0.01	0.843		0.712		0.858		0.005	1.003
9	0.852	229.1	8.49	-0.01	0.14	0.823		0.680		0.841		0.006	1.003
10	0.851	228.7	8.49	-0.01	0.31	0.845		0.714		0.861		-0.001	0.999
11	0.853	229.5	8.49	-0.01	0.48	0.842		0.709		0.858		-0.002	0.999
12	0.853	229.5	8.49	-0.01	0.65	0.859		0.737		0.874		-0.003	0.998
13	0.854	229.4	8.49	-0.01	0.97	0.910		0.831		0.920		0.008	1.004
14	0.853	229.0	8.49	-0.01	1.17	0.953		0.911		0.958		0.008	1.004
15	0.853	229.0	8.49	-0.01	1.47	0.976		0.962		0.979		0.022	1.011
16	0.854	229.4	8.49	-0.01	1.98	0.975		0.968		0.979		0.035	1.018

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
199	571	1	66	5	0.799	1.522	758	222.6	498	68.4	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	222.6	10.87	0.41	-2.04	0.991		0.986		0.992		0.011	1.005
2	0.804	224.6	10.87	0.41	-1.54	0.983		0.977		0.985		0.022	1.010
3	0.803	224.1	10.87	0.41	-1.04	0.974		0.955		0.977		0.016	1.007
4	0.802	223.5	10.87	0.41	-0.70	0.942		0.888		0.948		0.004	1.002
5	0.801	223.0	10.87	0.41	-0.53	0.933		0.874		0.940		0.010	1.004
6	0.804	224.0	10.87	0.41	-0.37	0.922		0.857		0.930		0.018	1.008
7	0.804	224.0	10.87	0.41	-0.20	0.921		0.850		0.929		0.006	1.003
8	0.804	224.0	10.87	0.41	-0.04	0.914		0.837		0.923		0.004	1.002
9	0.804	224.0	10.87	0.41	0.13	0.903		0.822		0.913		0.016	1.007
10	0.804	224.0	10.87	0.41	0.29	0.904		0.821		0.914		0.007	1.003
11	0.802	223.5	10.87	0.41	0.46	0.894		0.801		0.904		0.006	1.003
12	0.802	223.5	10.87	0.41	0.63	0.903		0.818		0.912		0.008	1.004
13	0.801	223.0	10.87	0.41	0.96	0.932		0.872		0.939		0.011	1.005
14	0.801	223.0	10.87	0.41	1.16	0.956		0.920		0.961		0.015	1.007
15	0.801	223.0	10.87	0.41	1.46	0.976		0.962		0.979		0.020	1.009
16	0.801	223.0	10.87	0.41	1.97	0.982		0.976		0.984		0.027	1.012

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
200	571	1	66	5	0.798	1.520	758	222.1	498	68.6	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.798	222.1	10.87	-0.03	-2.04	0.903		0.824		0.912		0.026	1.012
2	0.799	222.6	10.87	-0.03	-1.54	0.916		0.846		0.925		0.017	1.008
3	0.801	223.1	10.87	-0.03	-1.04	0.923		0.855		0.931		0.008	1.004
4	0.801	223.1	10.87	-0.03	-0.71	0.906		0.823		0.916		0.005	1.002
5	0.802	223.5	10.87	-0.03	-0.54	0.898		0.807		0.908		0.004	1.002
6	0.802	223.5	10.87	-0.03	-0.38	0.887		0.787		0.898		-0.001	0.999
7	0.803	223.5	10.87	-0.03	-0.21	0.883		0.778		0.894		-0.004	0.998
8	0.803	223.5	10.87	-0.03	-0.03	0.870		0.757		0.882		0.001	1.000
9	0.802	223.0	10.87	-0.03	0.13	0.887		0.786		0.898		-0.003	0.999
10	0.802	223.0	10.87	-0.03	0.30	0.884		0.780		0.895		-0.006	0.997
11	0.804	224.0	10.87	-0.03	0.46	0.871		0.756		0.883		-0.005	0.998
12	0.805	224.5	10.87	-0.03	0.63	0.870		0.762		0.883		0.011	1.005
13	0.804	224.0	10.87	-0.03	0.96	0.902		0.821		0.911		0.022	1.010
14	0.804	224.0	10.87	-0.03	1.16	0.944		0.898		0.950		0.016	1.007
15	0.803	224.1	10.87	-0.03	1.46	0.969		0.947		0.972		0.020	1.009
16	0.803	224.1	10.87	-0.03	1.96	0.984		0.978		0.986		0.023	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
201	571	1	66	5	0.801	1.520	757	223.0	496	69.1	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.0	10.87	-0.38	-2.04	0.981		0.973		0.984		0.023	1.010
2	0.801	223.0	10.87	-0.38	-1.54	0.983		0.975		0.985		0.019	1.009
3	0.800	222.5	10.87	-0.38	-1.04	0.963		0.935		0.967		0.018	1.008
4	0.800	222.5	10.87	-0.38	-0.70	0.926		0.861		0.934		0.009	1.004
5	0.802	223.0	10.87	-0.38	-0.54	0.901		0.815		0.911		0.009	1.004
6	0.802	223.0	10.87	-0.38	-0.37	0.894		0.800		0.905		0.001	1.000
7	0.802	223.0	10.87	-0.38	-0.20	0.900		0.810		0.910		0.001	1.000
8	0.803	223.5	10.87	-0.38	-0.04	0.877		0.774		0.889		0.012	1.005
9	0.804	224.0	10.87	-0.38	0.13	0.869		0.759		0.881		0.013	1.006
10	0.804	224.0	10.87	-0.38	0.30	0.876		0.771		0.888		0.009	1.004
11	0.802	223.5	10.87	-0.38	0.46	0.881		0.777		0.892		0.006	1.003
12	0.802	223.5	10.87	-0.38	0.62	0.887		0.791		0.898		0.011	1.005
13	0.801	223.0	10.87	-0.38	0.97	0.929		0.868		0.937		0.010	1.005
14	0.801	223.0	10.87	-0.38	1.17	0.942		0.893		0.948		0.016	1.007
15	0.800	222.5	10.87	-0.38	1.47	0.973		0.955		0.976		0.020	1.009
16	0.801	223.0	10.87	-0.38	1.96	0.982		0.977		0.984		0.028	1.013

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
202	571	1	66	5	0.801	1.520	758	223.1	497	69.3	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.1	10.87	-0.48	-2.04	0.979		0.972		0.981		0.032	1.015
2	0.800	222.5	10.87	-0.48	-1.54	0.981		0.974		0.983		0.029	1.013
3	0.800	222.5	10.87	-0.48	-1.04	0.972		0.950		0.975		0.012	1.005
4	0.802	223.5	10.87	-0.48	-0.70	0.924		0.856		0.932		0.005	1.002
5	0.802	223.5	10.87	-0.48	-0.53	0.908		0.824		0.917		0.000	1.000
6	0.803	223.5	10.87	-0.48	-0.37	0.903		0.818		0.913		0.007	1.003
7	0.803	223.5	10.87	-0.48	-0.21	0.905		0.823		0.914		0.012	1.005
8	0.800	222.5	10.87	-0.48	-0.04	0.877		0.774		0.889		0.015	1.007
9	0.801	223.1	10.87	-0.48	0.13	0.880		0.777		0.891		0.009	1.004
10	0.801	223.1	10.88	-0.48	0.29	0.879		0.778		0.890		0.018	1.008
11	0.802	223.6	10.87	-0.48	0.46	0.878		0.777		0.889		0.020	1.009
12	0.799	222.6	10.87	-0.48	0.64	0.894		0.802		0.904		0.009	1.004
13	0.798	222.0	10.87	-0.48	0.96	0.929		0.866		0.936		0.009	1.004
14	0.798	222.0	10.87	-0.48	1.16	0.963		0.933		0.967		0.013	1.006
15	0.800	222.5	10.87	-0.48	1.47	0.983		0.970		0.985		0.010	1.005
16	0.801	223.0	10.87	-0.48	1.97	0.987		0.981		0.988		0.016	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
203	571	1	66	5	0.798	1.515	757	222.0	498	69.6	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.798	222.0	8.49	0.43	-2.03	0.980		0.975		0.983		0.032	1.014
2	0.798	222.1	8.49	0.43	-1.53	0.983		0.977		0.985		0.026	1.012
3	0.798	222.1	8.49	0.43	-1.04	0.981		0.969		0.983		0.018	1.008
4	0.798	222.1	8.49	0.43	-0.69	0.931		0.870		0.938		0.008	1.004
5	0.798	222.1	8.49	0.43	-0.53	0.920		0.853		0.928		0.020	1.009
6	0.798	222.1	8.49	0.43	-0.36	0.930		0.866		0.937		0.004	1.002
7	0.798	222.1	8.49	0.43	-0.19	0.920		0.847		0.928		0.001	1.000
8	0.798	222.1	8.49	0.43	-0.02	0.906		0.822		0.915		0.002	1.001
9	0.798	222.1	8.49	0.43	0.14	0.906		0.816		0.915		-0.013	0.994
10	0.799	222.6	8.49	0.43	0.31	0.879		0.769		0.890		-0.010	0.996
11	0.799	222.6	8.49	0.43	0.49	0.898		0.803		0.908		-0.009	0.996
12	0.800	222.5	8.49	0.43	0.65	0.907		0.821		0.916		-0.006	0.997
13	0.800	222.5	8.49	0.43	0.98	0.949		0.900		0.954		-0.000	1.000
14	0.799	222.0	8.49	0.43	1.18	0.971		0.950		0.975		0.015	1.007
15	0.799	222.0	8.49	0.43	1.48	0.988		0.981		0.989		0.012	1.005
16	0.799	222.0	8.49	0.43	1.98	0.978		0.971		0.981		0.032	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
204	571	1	66	5	0.802	1.521	759	223.6	497	69.6	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	223.6	8.49	-0.01	-2.03	0.897		0.812		0.907		0.022	1.010
2	0.802	223.6	8.49	-0.01	-1.53	0.902		0.823		0.912		0.025	1.011
3	0.799	222.6	8.49	-0.01	-1.02	0.922		0.858		0.930		0.019	1.009
4	0.799	222.6	8.49	-0.01	-0.69	0.898		0.809		0.908		0.007	1.003
5	0.799	222.6	8.49	-0.01	-0.52	0.884		0.782		0.896		-0.001	1.000
6	0.799	222.6	8.49	-0.01	-0.36	0.863		0.746		0.876		0.004	1.002
7	0.798	222.0	8.49	-0.01	-0.20	0.865		0.746		0.877		-0.006	0.997
8	0.798	222.0	8.49	-0.01	-0.02	0.859		0.735		0.872		-0.006	0.997
9	0.800	222.5	8.49	-0.01	0.14	0.842		0.709		0.856		-0.001	1.000
10	0.800	222.5	8.49	-0.01	0.31	0.839		0.703		0.853		-0.003	0.999
11	0.800	222.5	8.49	-0.01	0.47	0.845		0.713		0.859		-0.006	0.997
12	0.800	222.5	8.49	-0.01	0.64	0.873		0.760		0.885		-0.006	0.997
13	0.801	223.0	8.49	-0.01	0.98	0.922		0.853		0.930		0.006	1.003
14	0.801	223.0	8.49	-0.01	1.18	0.958		0.925		0.962		0.020	1.009
15	0.799	222.0	8.49	-0.01	1.48	0.976		0.964		0.979		0.025	1.011
16	0.800	222.5	8.49	-0.01	1.98	0.982		0.977		0.984		0.028	1.013

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
205	571	1	66	5	0.801	1.517	757	223.0	496	69.9	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.0	8.49	-0.36	-2.02	0.982		0.976		0.984		0.028	1.013
2	0.801	223.0	8.49	-0.36	-1.52	0.980		0.973		0.982		0.031	1.014
3	0.801	223.0	8.49	-0.36	-1.03	0.972		0.951		0.975		0.015	1.007
4	0.801	223.0	8.49	-0.36	-0.69	0.931		0.869		0.938		0.007	1.003
5	0.801	223.0	8.49	-0.36	-0.53	0.890		0.795		0.901		0.008	1.003
6	0.801	223.0	8.49	-0.36	-0.36	0.881		0.778		0.893		0.003	1.001
7	0.801	223.0	8.49	-0.36	-0.19	0.866		0.750		0.879		0.001	1.000
8	0.801	223.0	8.49	-0.36	-0.02	0.852		0.728		0.866		0.004	1.002
9	0.800	222.5	8.49	-0.36	0.14	0.858		0.734		0.871		-0.006	0.997
10	0.800	222.5	8.49	-0.36	0.31	0.862		0.742		0.875		-0.005	0.998
11	0.800	222.5	8.49	-0.36	0.48	0.860		0.740		0.873		0.002	1.001
12	0.798	222.0	8.49	-0.36	0.64	0.887		0.790		0.898		0.007	1.003
13	0.799	222.0	8.49	-0.36	0.98	0.932		0.869		0.939		0.002	1.001
14	0.799	222.0	8.49	-0.36	1.18	0.977		0.957		0.979		0.007	1.003
15	0.799	222.0	8.49	-0.36	1.48	0.984		0.977		0.986		0.019	1.009
16	0.799	222.0	8.49	-0.36	1.98	0.988		0.984		0.989		0.020	1.009

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
206	571	1	66	5	0.800	1.515	757	222.5	496	69.8	20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	8.49	-0.45	-2.03	0.981		0.975		0.983		0.029	1.013
2	0.800	222.5	8.49	-0.45	-2.03	0.979		0.974		0.982		0.034	1.015
3	0.801	223.1	8.49	-0.45	-1.53	0.980		0.974		0.982		0.031	1.014
4	0.801	223.1	8.49	-0.45	-1.03	0.972		0.952		0.975		0.018	1.008
5	0.799	222.6	8.49	-0.45	-0.68	0.921		0.852		0.929		0.011	1.005
6	0.800	222.5	8.49	-0.45	-0.52	0.899		0.812		0.909		0.009	1.004
7	0.800	222.5	8.49	-0.45	-0.36	0.879		0.776		0.891		0.007	1.003
8	0.799	222.0	8.49	-0.45	-0.19	0.886		0.787		0.897		0.004	1.002
9	0.798	221.5	8.49	-0.45	-0.03	0.883		0.779		0.894		-0.002	0.999
10	0.798	221.5	8.49	-0.45	0.14	0.854		0.726		0.867		-0.007	0.997
11	0.798	221.5	8.49	-0.45	0.31	0.859		0.736		0.872		-0.004	0.998
12	0.799	222.0	8.49	-0.45	0.48	0.874		0.763		0.886		-0.005	0.998
13	0.799	222.0	8.49	-0.45	0.64	0.899		0.808		0.909		0.001	1.001
14	0.800	222.5	8.49	-0.45	0.98	0.956		0.911		0.960		-0.006	0.997
15	0.800	222.5	8.49	-0.45	1.18	0.976		0.955		0.978		0.006	1.003
16	0.800	222.5	8.49	-0.45	1.48	0.986		0.979		0.987		0.017	1.008
17	0.801	223.1	8.49	-0.45	1.98	0.985		0.980		0.986		0.024	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
207	571	1	66	5	0.600	1.510	896	177.2	702	68.7	20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.2	10.87	0.41	-2.05	0.973		0.957		0.975		0.044	1.011
2	0.600	177.2	10.87	0.41	-1.54	0.992		0.987		0.993		0.011	1.003
3	0.600	177.2	10.87	0.41	-1.05	0.961		0.932		0.964		0.034	1.009
4	0.600	177.2	10.87	0.41	-0.71	0.932		0.872		0.936		0.014	1.003
5	0.599	176.6	10.88	0.41	-0.54	0.926		0.861		0.931		0.015	1.004
6	0.600	177.2	10.87	0.41	-0.38	0.929		0.865		0.933		0.008	1.002
7	0.600	177.2	10.87	0.41	-0.20	0.929		0.864		0.934		-0.001	1.000
8	0.600	177.2	10.87	0.41	-0.04	0.921		0.849		0.926		0.004	1.001
9	0.600	177.2	10.87	0.41	0.12	0.914		0.836		0.920		0.000	1.000
10	0.600	177.2	10.88	0.41	0.29	0.915		0.839		0.920		0.008	1.002
11	0.600	177.2	10.88	0.41	0.47	0.905		0.821		0.911		0.011	1.003
12	0.600	177.2	10.88	0.41	0.63	0.923		0.854		0.928		0.010	1.002
13	0.600	177.2	10.87	0.41	0.96	0.939		0.885		0.942		0.017	1.004
14	0.600	177.2	10.87	0.41	1.17	0.967		0.937		0.969		0.004	1.001
15	0.600	177.2	10.87	0.41	1.47	0.975		0.953		0.976		0.015	1.004
16	0.600	177.2	10.88	0.41	1.97	0.982		0.971		0.983		0.027	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
208	571	1	66	5	0.602	1.513	896	177.8	701	68.4	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.8	10.87	-0.03	-2.04	0.920		0.851		0.925		0.019	1.005
2	0.602	177.8	10.87	-0.03	-1.55	0.929		0.866		0.933		0.016	1.004
3	0.602	177.8	10.88	-0.03	-1.04	0.925		0.859		0.929		0.019	1.005
4	0.602	177.8	10.87	-0.03	-0.71	0.914		0.835		0.919		0.001	1.000
5	0.602	177.8	10.87	-0.03	-0.54	0.897		0.804		0.903		-0.000	1.000
6	0.603	178.4	10.87	-0.03	-0.38	0.888		0.792		0.895		0.012	1.003
7	0.602	177.8	10.87	-0.03	-0.21	0.885		0.785		0.892		0.004	1.001
8	0.602	177.8	10.87	-0.03	-0.03	0.883		0.780		0.890		0.003	1.001
9	0.602	177.8	10.87	-0.03	0.13	0.871		0.762		0.878		0.018	1.005
10	0.602	177.8	10.87	-0.03	0.30	0.894		0.798		0.900		-0.002	0.999
11	0.602	177.8	10.87	-0.03	0.46	0.885		0.786		0.891		0.016	1.004
12	0.602	177.8	10.87	-0.03	0.63	0.895		0.802		0.901		0.008	1.002
13	0.602	177.8	10.87	-0.03	0.96	0.929		0.865		0.933		0.008	1.002
14	0.602	177.8	10.87	-0.03	1.16	0.954		0.912		0.957		0.007	1.002
15	0.600	177.2	10.87	-0.03	1.46	0.969		0.941		0.971		0.011	1.003
16	0.602	177.8	10.87	-0.03	1.97	0.983		0.971		0.984		0.022	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
209	571	1	66	5	0.600	1.511	896	177.2	702	68.3	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.2	10.87	-0.38	-2.04	0.981		0.968		0.982		0.028	1.007
2	0.600	177.2	10.87	-0.38	-1.54	0.984		0.971		0.985		0.015	1.004
3	0.599	176.6	10.87	-0.38	-1.04	0.968		0.938		0.970		0.007	1.002
4	0.601	177.2	10.87	-0.38	-0.71	0.924		0.858		0.929		0.016	1.004
5	0.602	177.8	10.87	-0.38	-0.54	0.899		0.811		0.905		0.011	1.003
6	0.602	177.8	10.87	-0.38	-0.37	0.894		0.801		0.900		0.007	1.002
7	0.602	177.8	10.87	-0.38	-0.21	0.911		0.831		0.916		0.004	1.001
8	0.602	177.8	10.87	-0.38	-0.04	0.892		0.796		0.898		0.003	1.001
9	0.602	177.8	10.87	-0.38	0.13	0.889		0.792		0.895		0.013	1.003
10	0.602	177.8	10.88	-0.38	0.30	0.889		0.791		0.895		0.006	1.001
11	0.600	177.2	10.87	-0.38	0.47	0.900		0.812		0.906		0.004	1.001
12	0.600	177.2	10.87	-0.38	0.63	0.902		0.817		0.908		0.017	1.004
13	0.602	177.8	10.87	-0.38	0.96	0.927		0.863		0.931		0.019	1.005
14	0.602	177.8	10.87	-0.38	1.17	0.938		0.884		0.942		0.016	1.004
15	0.600	177.2	10.87	-0.38	1.47	0.964		0.934		0.967		0.019	1.005
16	0.600	176.6	10.87	-0.38	1.96	0.985		0.976		0.986		0.020	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
210	571	1	66	5	0.599	1.508	895	176.6	702	68.2	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	176.6	10.87	-0.48	-2.04	0.983		0.972		0.984		0.024	1.006
2	0.599	176.6	10.88	-0.48	-1.53	0.986		0.978		0.987		0.019	1.005
3	0.600	177.2	10.87	-0.48	-1.05	0.962		0.930		0.965		0.019	1.005
4	0.600	177.2	10.87	-0.48	-0.71	0.916		0.846		0.921		0.031	1.008
5	0.602	177.8	10.87	-0.48	-0.54	0.908		0.827		0.914		0.013	1.003
6	0.600	177.2	10.87	-0.48	-0.37	0.903		0.816		0.909		0.004	1.001
7	0.600	177.2	10.87	-0.48	-0.21	0.894		0.801		0.900		0.011	1.003
8	0.600	177.2	10.87	-0.48	-0.04	0.900		0.811		0.906		0.003	1.001
9	0.600	177.2	10.87	-0.48	0.12	0.898		0.807		0.904		0.003	1.001
10	0.600	177.2	10.87	-0.48	0.29	0.898		0.807		0.904		0.003	1.001
11	0.600	177.2	10.87	-0.48	0.47	0.895		0.803		0.901		0.010	1.002
12	0.600	177.2	10.87	-0.48	0.63	0.916		0.840		0.921		0.003	1.001
13	0.599	176.6	10.87	-0.48	0.96	0.942		0.887		0.945		0.000	1.000
14	0.599	176.6	10.87	-0.48	1.17	0.970		0.943		0.972		0.011	1.003
15	0.600	177.2	10.87	-0.48	1.47	0.974		0.954		0.976		0.023	1.006
16	0.600	177.2	10.87	-0.48	1.96	0.985		0.976		0.986		0.024	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
211	571	1	66	5	0.601	1.503	882	174.5	691	64.1	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.601	174.5	8.48	0.43	-2.03	0.993		0.988		0.993		0.010	1.002
3	0.600	173.9	8.49	0.43	-1.53	0.989		0.983		0.990		0.015	1.004
4	0.601	174.5	8.48	0.43	-1.03	0.968		0.945		0.970		0.031	1.008
5	0.599	173.9	8.48	0.43	-0.70	0.924		0.858		0.928		0.020	1.005
6	0.599	174.0	8.48	0.43	-0.52	0.926		0.862		0.931		0.019	1.005
7	0.598	173.4	8.48	0.43	-0.36	0.926		0.859		0.931		0.004	1.001
8	0.600	174.6	8.48	0.43	-0.19	0.918		0.843		0.923		-0.001	1.000
9	0.601	174.6	8.48	0.43	-0.02	0.910		0.825		0.916		-0.017	0.996
10	0.602	175.1	8.48	0.43	0.14	0.893		0.796		0.899		-0.009	0.998
11	0.602	175.1	8.48	0.43	0.31	0.901		0.812		0.907		-0.002	0.999
12	0.601	174.5	8.48	0.43	0.48	0.892		0.798		0.898		0.012	1.003
13	0.600	173.9	8.48	0.43	0.64	0.915		0.839		0.920		0.008	1.002
14	0.600	173.9	8.48	0.43	0.97	0.952		0.907		0.955		0.004	1.001
15	0.599	173.9	8.48	0.43	1.17	0.962		0.929		0.964		0.016	1.004
16	0.599	173.9	8.49	0.43	1.48	0.979		0.965		0.981		0.024	1.006
17	0.599	173.9	8.49	0.43	1.98	0.984		0.974		0.985		0.020	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
212	571	1	66	5	0.599	1.504	886	174.6	695	64.9	20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	174.6	8.49	-0.01	-2.02	0.907		0.828		0.912		0.029	1.007
2	0.598	174.0	8.49	-0.01	-1.53	0.928		0.862		0.932		0.006	1.001
3	0.598	174.0	8.49	-0.01	-1.03	0.933		0.873		0.938		0.006	1.002
4	0.599	174.6	8.49	-0.01	-0.69	0.891		0.797		0.897		0.016	1.004
5	0.598	174.0	8.49	-0.01	-0.53	0.874		0.766		0.881		0.012	1.003
6	0.598	174.0	8.49	-0.01	-0.36	0.863		0.744		0.870		0.001	1.000
7	0.602	175.8	8.49	-0.01	-0.19	0.858		0.735		0.865		-0.002	0.999
8	0.600	175.2	8.49	-0.01	-0.02	0.859		0.738		0.866		0.002	1.000
9	0.600	175.2	8.48	-0.01	0.14	0.861		0.741		0.869		-0.001	1.000
10	0.600	175.2	8.48	-0.01	0.31	0.865		0.749		0.873		0.001	1.000
11	0.600	175.2	8.48	-0.01	0.48	0.863		0.746		0.871		0.004	1.001
12	0.600	175.2	8.49	-0.01	0.64	0.883		0.779		0.889		0.002	1.000
13	0.600	175.2	8.49	-0.01	0.98	0.934		0.872		0.938		0.003	1.001
14	0.599	174.6	8.48	-0.01	1.18	0.958		0.920		0.961		0.009	1.002
15	0.600	175.2	8.49	-0.01	1.48	0.982		0.969		0.983		0.019	1.005
16	0.600	175.2	8.49	-0.01	1.98	0.988		0.980		0.989		0.015	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
213	571	1	66	5	0.602	1.505	887	175.8	694	66.1	20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	175.8	8.49	-0.36	-2.03	0.986		0.978		0.987		0.022	1.006
2	0.602	175.8	8.49	-0.36	-1.52	0.980		0.967		0.981		0.028	1.007
3	0.600	175.2	8.48	-0.36	-1.03	0.972		0.948		0.974		0.012	1.003
4	0.600	175.2	8.49	-0.36	-0.70	0.930		0.864		0.934		-0.002	0.999
5	0.599	174.6	8.48	-0.36	-0.52	0.889		0.792		0.896		0.005	1.001
6	0.599	174.6	8.49	-0.36	-0.36	0.879		0.772		0.886		-0.002	0.999
7	0.599	174.6	8.49	-0.36	-0.19	0.868		0.753		0.875		-0.002	0.999
8	0.600	175.2	8.49	-0.36	-0.02	0.856		0.735		0.864		0.007	1.002
9	0.601	175.8	8.49	-0.36	0.15	0.853		0.728		0.861		0.006	1.001
10	0.599	174.6	8.49	-0.36	0.31	0.873		0.762		0.880		0.001	1.000
11	0.599	174.6	8.49	-0.36	0.48	0.875		0.767		0.882		0.004	1.001
12	0.599	174.6	8.48	-0.36	0.65	0.903		0.815		0.908		0.001	1.000
13	0.599	174.6	8.49	-0.36	0.98	0.961		0.923		0.964		-0.003	0.999
14	0.599	174.6	8.48	-0.36	1.18	0.976		0.953		0.977		0.006	1.002
15	0.599	174.6	8.48	-0.36	1.49	0.981		0.967		0.983		0.017	1.004
16	0.598	174.0	8.48	-0.36	1.98	0.992		0.987		0.993		0.012	1.003

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
214	571	1	66	5	0.600	1.503	887	175.2	695	66.2	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	175.2	8.49	-0.45	-2.03	0.987		0.979		0.988		0.019	1.005
2	0.599	174.6	8.49	-0.45	-1.52	0.986		0.978		0.987		0.019	1.005
3	0.600	175.2	8.49	-0.45	-1.03	0.976		0.955		0.977		0.011	1.003
4	0.602	175.8	8.49	-0.45	-0.69	0.921		0.851		0.926		0.007	1.002
5	0.601	175.2	8.49	-0.45	-0.53	0.896		0.804		0.902		0.001	1.000
6	0.602	175.8	8.49	-0.45	-0.36	0.880		0.778		0.887		0.016	1.004
7	0.600	175.2	8.49	-0.45	-0.19	0.893		0.798		0.899		0.002	1.000
8	0.602	175.8	8.49	-0.45	-0.02	0.872		0.762		0.879		0.010	1.002
9	0.600	175.2	8.49	-0.45	0.14	0.882		0.779		0.888		0.006	1.001
10	0.600	175.2	8.49	-0.45	0.31	0.879		0.773		0.886		0.002	1.000
11	0.600	175.2	8.49	-0.45	0.48	0.881		0.777		0.888		0.007	1.002
12	0.599	174.6	8.48	-0.45	0.64	0.904		0.817		0.910		-0.002	0.999
13	0.599	174.6	8.48	-0.45	0.98	0.945		0.893		0.948		0.003	1.001
14	0.599	174.6	8.49	-0.45	1.18	0.980		0.959		0.981		-0.002	1.000
15	0.599	174.6	8.49	-0.45	1.48	0.986		0.977		0.987		0.019	1.005
16	0.600	175.2	8.49	-0.45	1.98	0.979		0.965		0.980		0.032	1.008

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
215	571	1	66	5	0.250	1.523	1892	79.5	1811	65.1	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	79.5	10.87	0.41	-2.04	0.997	0.000	0.993	0.000	0.997	0.000	-0.010	1.000
2	0.250	79.5	10.87	0.41	-1.54	0.991	0.000	0.981	0.000	0.991	0.000	-0.010	1.000
3	0.249	78.8	10.87	0.41	-1.05	0.979	0.000	0.958	0.000	0.979	0.000	-0.019	0.999
4	0.249	78.8	10.87	0.41	-0.70	0.949	0.000	0.900	0.000	0.950	0.000	-0.019	0.999
5	0.249	78.8	10.87	0.41	-0.54	0.949	0.000	0.900	0.000	0.950	0.000	-0.019	0.999
6	0.250	79.5	10.88	0.41	-0.37	0.940	0.000	0.882	0.000	0.940	0.000	-0.019	0.999
7	0.250	79.5	10.87	0.41	-0.21	0.939	0.000	0.881	0.000	0.939	0.000	-0.019	0.999
8	0.250	79.5	10.87	0.41	-0.04	0.931	0.000	0.867	0.000	0.932	0.000	-0.019	0.999
9	0.250	79.5	10.87	0.41	0.12	0.938	0.000	0.879	0.000	0.939	0.000	-0.021	0.999
10	0.250	78.8	10.87	0.41	0.29	0.932	0.000	0.867	0.000	0.932	0.000	-0.021	0.999
11	0.251	79.5	10.87	0.41	0.47	0.914	0.000	0.836	0.000	0.915	0.000	-0.012	0.999
12	0.251	79.5	10.87	0.41	0.63	0.944	0.000	0.891	0.000	0.945	0.000	-0.021	0.999
13	0.249	78.1	10.87	0.41	0.96	0.961	0.000	0.922	0.000	0.961	0.000	-0.028	0.999
14	0.250	78.8	10.87	0.41	1.16	0.970	0.000	0.941	0.000	0.971	0.000	-0.019	0.999
15	0.251	79.5	10.87	0.41	1.46	0.987	0.000	0.974	0.000	0.987	0.000	-0.010	1.000
16	0.251	79.5	10.87	0.41	1.97	0.995	0.000	0.989	0.000	0.995	0.000	-0.010	1.000

ORIGINAL PAGE IS OF POOR QUALITY

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
216	571	1	66	5	0.250	1.515	1884	78.8	1804	64.5	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	10.87	-0.03	-2.04	0.945	0.000	0.893	0.000	0.946	0.000	-0.010	1.000
2	0.250	78.8	10.87	-0.03	-1.54	0.950	0.000	0.902	0.000	0.951	0.000	-0.019	0.999
3	0.250	78.8	10.88	-0.03	-1.04	0.949	0.000	0.900	0.000	0.950	0.000	-0.010	1.000
4	0.250	78.8	10.88	-0.03	-0.71	0.913	0.000	0.832	0.000	0.913	0.000	-0.010	1.000
5	0.250	78.8	10.87	-0.03	-0.54	0.903	0.000	0.815	0.000	0.904	0.000	-0.012	0.999
6	0.250	78.8	10.87	-0.03	-0.37	0.914	0.000	0.834	0.000	0.915	0.000	-0.021	0.999
7	0.250	78.8	10.87	-0.03	-0.20	0.904	0.000	0.817	0.000	0.905	0.000	-0.021	0.999
8	0.250	78.8	10.87	-0.03	-0.04	0.896	0.000	0.803	0.000	0.897	0.000	-0.021	0.999
9	0.250	78.8	10.87	-0.03	0.13	0.902	0.000	0.813	0.000	0.903	0.000	-0.024	0.999
10	0.251	79.5	10.87	-0.03	0.29	0.902	0.000	0.813	0.000	0.903	0.000	-0.021	0.999
11	0.251	79.5	10.87	-0.03	0.47	0.887	0.000	0.785	0.000	0.888	0.000	-0.021	0.999
12	0.251	79.5	10.88	-0.03	0.63	0.895	0.000	0.801	0.000	0.896	0.000	-0.021	0.999
13	0.251	79.5	10.88	-0.03	0.96	0.943	0.000	0.889	0.000	0.944	0.000	-0.012	0.999
14	0.251	79.5	10.88	-0.03	1.16	0.959	0.000	0.919	0.000	0.959	0.000	-0.021	0.999
15	0.250	78.8	10.88	-0.03	1.46	0.992	0.000	0.982	0.000	0.992	0.000	-0.028	0.999
16	0.251	79.5	10.87	-0.03	1.97	0.991	0.000	0.983	0.000	0.992	0.000	-0.008	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
217	571	1	66	5	0.250	1.516	1884	78.8	1804	64.2	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	10.87	-0.38	-2.04	1.001	0.000	1.001	0.000	1.001	0.000	-0.019	0.999
2	0.250	78.8	10.87	-0.38	-1.53	0.992	0.000	0.984	0.000	0.992	0.000	-0.019	0.999
3	0.251	79.5	10.88	-0.38	-1.04	0.978	0.000	0.955	0.000	0.978	0.000	-0.019	0.999
4	0.251	79.5	10.87	-0.38	-0.71	0.935	0.000	0.874	0.000	0.936	0.000	-0.012	0.999
5	0.251	79.5	10.88	-0.38	-0.54	0.909	0.000	0.825	0.000	0.910	0.000	-0.010	1.000
6	0.250	78.8	10.87	-0.38	-0.37	0.899	0.000	0.808	0.000	0.900	0.000	-0.030	0.999
7	0.249	78.1	10.88	-0.38	-0.20	0.901	0.000	0.811	0.000	0.902	0.000	-0.030	0.999
8	0.251	79.5	10.88	-0.38	-0.04	0.914	0.000	0.836	0.000	0.915	0.000	-0.012	0.999
9	0.251	79.5	10.88	-0.38	0.13	0.892	0.000	0.796	0.000	0.893	0.000	-0.012	0.999
10	0.251	79.5	10.88	-0.38	0.30	0.912	0.000	0.832	0.000	0.913	0.000	-0.012	0.999
11	0.250	78.8	10.87	-0.38	0.47	0.920	0.000	0.846	0.000	0.921	0.000	-0.021	0.999
12	0.250	78.8	10.88	-0.38	0.63	0.916	0.000	0.838	0.000	0.917	0.000	-0.021	0.999
13	0.250	78.8	10.88	-0.38	0.96	0.950	0.000	0.902	0.000	0.951	0.000	-0.019	0.999
14	0.250	78.8	10.88	-0.38	1.16	0.976	0.000	0.951	0.000	0.976	0.000	-0.019	0.999
15	0.251	79.5	10.88	-0.38	1.46	0.990	0.000	0.979	0.000	0.990	0.000	-0.010	1.000
16	0.251	79.5	10.88	-0.38	1.96	0.992	0.000	0.984	0.000	0.992	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
218	571	1	66	5	0.250	1.515	1883	78.8	1803	64.2	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	10.88	-0.48	-2.05	1.000	0.000	1.000	0.000	1.000	0.000	-0.019	0.999
2	0.251	79.5	10.88	-0.48	-1.53	0.988	0.000	0.976	0.000	0.988	0.000	-0.019	0.999
3	0.251	79.5	10.88	-0.48	-1.04	0.960	0.000	0.922	0.000	0.961	0.000	-0.010	1.000
4	0.251	79.5	10.87	-0.48	-0.70	0.916	0.000	0.839	0.000	0.917	0.000	-0.019	0.999
5	0.251	79.5	10.88	-0.48	-0.54	0.922	0.000	0.849	0.000	0.923	0.000	-0.010	1.000
6	0.250	78.8	10.88	-0.48	-0.37	0.921	0.000	0.848	0.000	0.922	0.000	-0.021	0.999
7	0.250	78.8	10.87	-0.48	-0.21	0.906	0.000	0.820	0.000	0.907	0.000	-0.021	0.999
8	0.251	79.5	10.87	-0.48	-0.04	0.922	0.000	0.849	0.000	0.923	0.000	-0.021	0.999
9	0.251	79.5	10.87	-0.48	0.13	0.922	0.000	0.849	0.000	0.923	0.000	-0.012	0.999
10	0.251	79.5	10.87	-0.48	0.30	0.918	0.000	0.842	0.000	0.919	0.000	-0.010	1.000
11	0.251	79.5	10.88	-0.48	0.46	0.924	0.000	0.853	0.000	0.925	0.000	-0.010	1.000
12	0.251	79.5	10.88	-0.48	0.63	0.929	0.000	0.862	0.000	0.929	0.000	-0.021	0.999
13	0.251	79.5	10.88	-0.48	0.96	0.954	0.000	0.910	0.000	0.955	0.000	-0.019	0.999
14	0.251	79.5	10.88	-0.48	1.16	0.960	0.000	0.920	0.000	0.960	0.000	-0.019	0.999
15	0.251	79.5	10.88	-0.48	1.47	0.995	0.000	0.989	0.000	0.995	0.000	-0.019	0.999
16	0.251	79.5	10.88	-0.48	1.96	0.998	0.000	0.995	0.000	0.998	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
219	571	1	66	5	0.251	1.523	1884	79.5	1803	63.9	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.5	8.49	0.43	-2.03	0.996	0.000	0.991	0.000	0.996	0.000	-0.017	0.999
2	0.251	79.5	8.49	0.43	-1.52	0.995	0.000	0.989	0.000	0.995	0.000	-0.019	0.999
3	0.251	79.5	8.49	0.43	-1.02	0.978	0.000	0.957	0.000	0.979	0.000	-0.019	0.999
4	0.251	79.5	8.49	0.43	-0.68	0.934	0.000	0.872	0.000	0.935	0.000	-0.019	0.999
5	0.251	79.5	8.49	0.43	-0.53	0.939	0.000	0.881	0.000	0.939	0.000	-0.019	0.999
6	0.251	79.5	8.49	0.43	-0.35	0.925	0.000	0.855	0.000	0.926	0.000	-0,021	0.999
7	0.251	79.5	8.49	0.43	-0.18	0.912	0.000	0.830	0.000	0.913	0.000	-0.021	0.999
8	0.251	79.5	8.49	0.43	-0.02	0.918	0.000	0.842	0.000	0.919	0.000	-0.021	0.999
9	0.251	79.5	8.49	0.43	0.14	0.902	0.000	0.813	0.000	0.903	0.000	-0.021	0.999
10	0.252	80.1	8.49	0.43	0.31	0.908	0.000	0.823	0.000	0.909	0.000	-0.021	0.999
11	0.252	80.1	8.49	0.43	0.48	0.912	0.000	0.830	0.000	0.913	0.000	-0.021	0.999
12	0.251	79.5	8.49	0.43	0.64	0.935	0.000	0.874	0.000	0.936	0.000	-0.021	0.999
13	0.252	80.1	8.49	0.43	0.98	0.958	0.000	0.918	0.000	0.959	0.000	-0.021	0.999
14	0.252	80.1	8.49	0.43	1.18	0.980	0.000	0.960	0.000	0.981	0.000	-0.019	0.999
15	0.252	80.1	8.49	0.43	1.48	0.992	0.000	0.983	0.000	0.992	0.000	-0.019	0.999
16	0.252	80.1	8.49	0.43	1.98	0.993	0.000	0.984	0.000	0.993	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
220	571	1	66	5	0.251	1.523	1884	79.5	1803	63.9	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.5	8.49	-0.01	-2.03	0.934	0.000	0.872	0.000	0.935	0.000	-0.019	0.999
2	0.251	79.5	8.49	-0.01	-1.53	0.940	0.000	0.882	0.000	0.940	0.000	-0.019	0.999
3	0.251	79.5	8.49	-0.01	-1.02	0.944	0.000	0.891	0.000	0.945	0.000	-0.021	0.999
4	0.252	80.1	8.49	-0.01	-0.69	0.899	0.000	0.808	0.000	0.900	0.000	-0.012	0.999
5	0.251	79.5	8.49	-0.01	-0.52	0.886	0.000	0.784	0.000	0.887	0.000	-0.021	0.999
6	0.251	79.5	8.49	-0.01	-0.35	0.857	0.000	0.733	0.000	0.858	0.000	-0.019	0.999
7	0.251	79.5	8.49	-0.01	-0.19	0.879	0.000	0.771	0.000	0.880	0.000	-0.021	0.999
8	0.251	79.5	8.49	-0.01	-0.02	0.863	0.000	0.744	0.000	0.864	0.000	-0.030	0.999
9	0.251	79.5	8.49	-0.01	0.14	0.863	0.000	0.744	0.000	0.864	0.000	-0.021	0.999
10	0.251	79.5	8.49	-0.01	0.31	0.896	0.000	0.801	0.000	0.897	0.000	-0.033	0.999
11	0.251	79.5	8.49	-0.01	0.47	0.890	0.000	0.791	0.000	0.891	0.000	-0.022	0.999
12	0.252	80.1	8.49	-0.01	0.65	0.890	0.000	0.792	0.000	0.892	0.000	-0.012	0.999
13	0.251	79.5	8.49	-0.01	0.98	0.940	0.000	0.882	0.000	0.940	0.000	-0.021	0.999
14	0.251	79.5	8.49	-0.01	1.18	0.980	0.000	0.960	0.000	0.981	0.000	-0.021	0.999
15	0.251	79.5	8.49	-0.01	1.48	0.996	0.000	0.991	0.000	0.996	0.000	-0.010	1.000
16	0.251	79.5	8.49	-0.01	1.98	0.995	0.000	0.989	0.000	0.995	0.000	-0.017	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
221	571	1	66	5	0.251	1.524	1884	79.5	1803	63.7	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.5	8.49	-0.36	-2.02	0.993	0.000	0.986	0.000	0.993	0.000	-0.014	0.999
2	0.251	79.5	8.49	-0.36	-1.52	0.996	0.000	0.991	0.000	0.996	0.000	-0.019	0.999
3	0.251	79.5	8.49	-0.36	-1.03	0.975	0.000	0.950	0.000	0.975	0.000	-0.019	0.999
4	0.251	79.5	8.49	-0.36	-0.69	0.934	0.000	0.872	0.000	0.935	0.000	-0.019	0.999
5	0.251	79.5	8.49	-0.36	-0.53	0.897	0.000	0.804	0.000	0.898	0.000	-0.021	0.999
6	0.251	79.5	8.49	-0.36	-0.36	0.881	0.000	0.775	0.000	0.882	0.000	-0.021	0.999
7	0.251	79.5	8.49	-0.36	-0.19	0.901	0.000	0.811	0.000	0.902	0.000	-0.028	0.999
8	0.251	79.5	8.49	-0.36	-0.03	0.878	0.000	0.770	0.000	0.879	0.000	-0.021	0.999
9	0.251	79.5	8.49	-0.36	0.15	0.906	0.000	0.820	0.000	0.907	0.000	-0.022	0.999
10	0.251	79.5	8.49	-0.36	0.31	0.892	0.000	0.796	0.000	0.894	0.000	-0.021	0.999
11	0.251	79.5	8.49	-0.36	0.48	0.870	0.000	0.756	0.000	0.871	0.000	-0.021	0.999
12	0.251	79.5	8.49	-0.36	0.65	0.926	0.000	0.856	0.000	0.927	0.000	-0.021	0.999
13	0.251	79.5	8.49	-0.36	0.98	0.942	0.000	0.887	0.000	0.943	0.000	-0.021	0.999
14	0.251	79.5	8.49	-0.36	1.18	0.981	0.000	0.962	0.000	0.981	0.000	-0.019	0.999
15	0.251	79.5	8.49	-0.36	1.48	0.995	0.000	0.989	0.000	0.995	0.000	-0.019	0.999
16	0.251	79.5	8.49	-0.36	1.97	0.999	0.000	0.996	0.000	0.999	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
222	571	1	66	5	0.252	1.531	1884	80.1	1802	63.7	20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.252	80.1	8.49	-0.45	-2.03	0.991	0.000	0.981	0.000	0.991	0.000	-0.010	1.000
2	0.252	80.1	8.49	-0.45	-1.52	0.991	0.000	0.981	0.000	0.991	0.000	-0.008	1.000
3	0.252	80.1	8.49	-0.45	-1.03	0.975	0.000	0.950	0.000	0.975	0.000	-0.010	1.000
4	0.252	80.1	8.49	-0.45	-0.70	0.902	0.000	0.813	0.000	0.903	0.000	-0.010	1.000
5	0.252	80.1	8.49	-0.45	-0.51	0.913	0.000	0.834	0.000	0.914	0.000	-0.012	0.999
6	0.252	80.1	8.49	-0.45	-0.36	0.896	0.000	0.803	0.000	0.897	0.000	-0.012	0.999
7	0.252	80.1	8.49	-0.45	-0.18	0.879	0.000	0.772	0.000	0.880	0.000	-0.012	0.999
8	0.252	80.1	8.49	-0.45	-0.03	0.882	0.000	0.777	0.000	0.883	0.000	-0.012	0.999
9	0.252	80.1	8.49	-0.45	0.14	0.903	0.000	0.815	0.000	0.904	0.000	-0.021	0.999
10	0.252	80.1	8.49	-0.45	0.31	0.874	0.000	0.763	0.000	0.875	0.000	-0.015	0.999
11	0.252	80.1	8.49	-0.45	0.48	0.911	0.000	0.830	0.000	0.912	0.000	-0.013	0.999
12	0.252	80.1	8.49	-0.45	0.64	0.939	0.000	0.882	0.000	0.940	0.000	-0.013	0.999
13	0.252	80.1	8.49	-0.45	0.98	0.956	0.000	0.914	0.000	0.957	0.000	-0.012	0.999
14	0.252	80.1	8.49	-0.45	1.18	0.978	0.000	0.955	0.000	0.978	0.000	-0.010	1.000
15	0.252	80.1	8.49	-0.45	1.47	0.988	0.000	0.976	0.000	0.988	0.000	-0.010	1.000
16	0.252	80.1	8.49	-0.45	1.98	0.991	0.000	0.981	0.000	0.991	0.000	-0.006	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
223	571	1	66	5	0.954	1.480	681	241.7	380	66.3	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.954	241.7	10.87	0.41	-2.04	0.971		0.966		0.975		0.040	1.025
3	0.957	242.8	10.88	0.41	-1.54	0.967		0.959		0.972		0.039	1.025
4	0.957	242.8	10.88	0.41	-1.04	0.954		0.927		0.961		0.030	1.019
5	0.957	242.8	10.88	0.41	-0.70	0.904		0.824		0.917		0.012	1.008
6	0.957	242.8	10.88	0.41	-0.53	0.888		0.794		0.903		0.010	1.006
7	0.957	242.8	10.88	0.41	-0.37	0.878		0.775		0.894		0.007	1.004
8	0.957	242.8	10.88	0.41	-0.20	0.866		0.753		0.883		0.007	1.004
9	0.957	242.8	10.88	0.41	-0.04	0.874		0.768		0.890		0.008	1.005
10	0.957	242.8	10.88	0.41	0.12	0.872		0.764		0.888		0.008	1.005
11	0.957	242.8	10.88	0.41	0.29	0.871		0.763		0.887		0.010	1.006
12	0.957	242.8	10.87	0.41	0.46	0.885		0.790		0.900		0.014	1.009
13	0.954	241.7	10.87	0.41	0.62	0.905		0.827		0.918		0.016	1.010
14	0.954	241.7	10.87	0.41	0.97	0.945		0.912		0.953		0.032	1.021
15	0.955	242.3	10.87	0.41	0.97	0.963		0.942		0.969		0.024	1.016
16	0.957	242.8	10.87	0.41	1.17	0.966		0.957		0.971		0.039	1.025
17	0.957	242.8	10.87	0.41	1.47	0.968		0.966		0.972		0.050	1.032
18	0.956	242.3	10.87	0.41	1.96	0.963		0.964		0.969		0.060	1.038

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
224	571	1	66	5	0.956	1.482	684	243.4	380	68.0	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.956	243.4	10.87	-0.03	-2.04	0.888		0.813		0.903		0.047	1.030
2	0.955	243.4	10.87	-0.03	-1.55	0.922		0.871		0.933		0.036	1.023
3	0.955	243.4	10.87	-0.03	-1.04	0.913		0.846		0.925		0.023	1.014
4	0.953	242.9	10.87	-0.03	-0.71	0.874		0.771		0.891		0.012	1.008
5	0.953	242.9	10.87	-0.03	-0.54	0.841		0.711		0.860		0.008	1.005
6	0.953	242.9	10.87	-0.03	-0.38	0.827		0.688		0.848		0.011	1.007
7	0.951	242.4	10.87	-0.03	-0.20	0.816		0.666		0.838		0.002	1.001
8	0.951	242.4	10.87	-0.03	-0.03	0.812		0.661		0.834		0.004	1.003
9	0.951	242.4	10.87	-0.03	0.13	0.827		0.687		0.848		0.005	1.003
10	0.951	242.4	10.87	-0.03	0.30	0.836		0.704		0.856		0.011	1.007
11	0.950	241.9	10.87	-0.03	0.46	0.858		0.742		0.876		0.013	1.008
12	0.949	241.4	10.87	-0.03	0.63	0.882		0.788		0.897		0.019	1.012
13	0.949	241.4	10.87	-0.03	0.97	0.925		0.873		0.935		0.034	1.021
14	0.949	241.4	10.87	-0.03	1.17	0.948		0.922		0.956		0.040	1.025
15	0.947	241.0	10.87	-0.03	1.46	0.959		0.947		0.965		0.048	1.030
16	0.947	241.0	10.87	-0.03	1.97	0.968		0.967		0.972		0.053	1.033

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
225	571	1	66	5	0.950	1.475	684	241.8	383	68.8	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.950	241.8	10.87	-0.38	-2.04	0.964		0.949		0.969		0.034	1.021
2	0.951	242.4	10.87	-0.38	-1.54	0.970		0.957		0.974		0.027	1.017
3	0.950	241.8	10.87	-0.38	-1.04	0.956		0.921		0.962		0.013	1.008
4	0.950	241.8	10.87	-0.38	-0.70	0.887		0.788		0.902		0.001	1.001
5	0.952	242.3	10.87	-0.38	-0.54	0.855		0.731		0.873		-0.000	1.000
6	0.952	242.3	10.87	-0.38	-0.37	0.836		0.698		0.856		-0.000	1.000
7	0.952	242.3	10.87	-0.38	-0.19	0.839		0.704		0.858		0.001	1.001
8	0.950	241.8	10.87	-0.38	-0.04	0.845		0.717		0.865		0.004	1.002
9	0.949	243.0	10.87	-0.38	0.13	0.850		0.729		0.869		0.014	1.009
10	0.948	242.7	10.87	-0.38	0.30	0.853		0.735		0.872		0.015	1.010
11	0.949	243.1	10.87	-0.38	0.46	0.874		0.773		0.891		0.018	1.011
12	0.949	243.1	10.87	-0.38	0.63	0.894		0.811		0.908		0.022	1.014
13	0.947	242.7	10.87	-0.38	0.96	0.941		0.903		0.949		0.031	1.020
14	0.947	242.7	10.87	-0.38	1.18	0.961		0.946		0.967		0.039	1.024
15	0.949	243.1	10.87	-0.38	1.47	0.972		0.971		0.976		0.044	1.028
16	0.948	242.7	10.87	-0.38	1.96	0.969		0.968		0.973		0.050	1.032

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
226	571	1	66	5	0.953	1.482	688	244.0	384	69.8	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.953	244.0	10.87	-0.48	-2.04	0.968		0.959		0.972		0.038	1.024
2	0.953	244.0	10.87	-0.48	-1.55	0.968		0.959		0.972		0.038	1.024
3	0.952	243.5	10.87	-0.48	-1.04	0.953		0.919		0.959		0.020	1.013
4	0.952	243.5	10.88	-0.48	-0.71	0.890		0.798		0.904		0.013	1.008
5	0.952	243.5	10.87	-0.48	-0.54	0.860		0.745		0.878		0.009	1.006
6	0.950	243.0	10.87	-0.48	-0.37	0.860		0.742		0.878		0.003	1.002
7	0.950	243.0	10.87	-0.48	-0.20	0.841		0.709		0.860		0.004	1.003
8	0.950	243.0	10.87	-0.48	-0.04	0.855		0.734		0.873		0.006	1.004
9	0.951	243.5	10.88	-0.48	0.13	0.859		0.739		0.877		0.003	1.002
10	0.951	243.5	10.88	-0.48	0.29	0.871		0.759		0.887		0.002	1.001
11	0.951	243.5	10.88	-0.48	0.46	0.895		0.806		0.909		0.007	1.005
12	0.951	243.5	10.87	-0.48	0.64	0.907		0.832		0.919		0.020	1.012
13	0.948	242.6	10.88	-0.48	0.97	0.942		0.907		0.950		0.033	1.021
14	0.947	242.2	10.87	-0.48	1.16	0.956		0.936		0.962		0.039	1.024
15	0.947	242.2	10.87	-0.48	1.47	0.961		0.952		0.967		0.049	1.031
16	0.945	241.8	10.87	-0.48	1.97	0.965		0.962		0.970		0.053	1.033

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
227	571	1	66	5	0.952	1.477	688	243.5	384	70.5	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	243.5	8.49	0.43	-2.03	0.972		0.966		0.976		0.035	1.022
2	0.953	244.0	8.49	0.43	-1.53	0.971		0.963		0.976		0.033	1.021
3	0.952	243.5	8.49	0.43	-1.03	0.966		0.948		0.971		0.025	1.016
4	0.951	243.5	8.49	0.43	-0.69	0.910		0.832		0.923		0.006	1.004
5	0.951	243.5	8.49	0.43	-0.52	0.902		0.812		0.915		-0.003	0.998
6	0.952	244.0	8.49	0.43	-0.36	0.898		0.801		0.912		-0.010	0.994
7	0.952	244.0	8.49	0.43	-0.19	0.868		0.748		0.885		-0.010	0.993
8	0.952	244.0	8.49	0.43	-0.03	0.856		0.728		0.874		-0.012	0.993
9	0.951	243.5	8.49	0.43	0.14	0.850		0.716		0.868		-0.013	0.992
10	0.951	243.5	8.49	0.43	0.31	0.869		0.750		0.886		-0.010	0.994
11	0.951	243.5	8.49	0.43	0.49	0.881		0.773		0.896		-0.005	0.997
12	0.949	243.0	8.49	0.43	0.65	0.911		0.831		0.923		0.002	1.001
13	0.947	242.2	8.49	0.43	0.98	0.955		0.925		0.961		0.023	1.014
14	0.947	242.2	8.49	0.43	1.18	0.965		0.950		0.970		0.031	1.020
15	0.947	242.2	8.49	0.43	1.48	0.964		0.955		0.969		0.044	1.028
16	0.946	242.3	8.49	0.43	1.98	0.973		0.973		0.977		0.044	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
228	571	1	66	5	0.950	1.475	688	243.0	385	70.7	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.950	243.0	8.49	-0.01	-2.02	0.898		0.817		0.912		0.019	1.012
2	0.952	243.5	8.49	-0.01	-1.52	0.929		0.871		0.939		0.015	1.010
3	0.952	243.5	8.49	-0.01	-1.02	0.929		0.862		0.939		-0.001	0.999
4	0.954	244.0	8.49	-0.01	-0.69	0.888		0.784		0.902		-0.008	0.995
5	0.954	244.0	8.49	-0.01	-0.53	0.852		0.720		0.871		-0.015	0.991
6	0.952	243.5	8.49	-0.01	-0.36	0.803		0.639		0.826		-0.016	0.990
7	0.952	243.5	8.49	-0.01	-0.19	0.783		0.606		0.807		-0.017	0.989
8	0.952	243.5	8.49	-0.01	-0.01	0.783		0.606		0.807		-0.018	0.989
9	0.953	244.0	8.49	-0.01	0.14	0.794		0.625		0.818		-0.013	0.992
10	0.950	243.0	8.49	-0.01	0.31	0.818		0.665		0.840		-0.010	0.994
11	0.950	243.0	8.49	-0.01	0.48	0.839		0.703		0.859		-0.002	0.999
12	0.951	243.5	8.49	-0.01	0.64	0.871		0.763		0.887		0.010	1.006
13	0.949	243.0	8.49	-0.01	0.98	0.946		0.909		0.954		0.026	1.016
14	0.949	243.0	8.49	-0.01	1.18	0.964		0.952		0.969		0.038	1.024
15	0.948	242.7	8.49	-0.01	1.48	0.960		0.951		0.966		0.049	1.031
16	0.946	242.3	8.49	-0.01	1.98	0.970		0.970		0.974		0.049	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
229	571	1	66	5	0.953	1.484	691	245.1	385	71.1	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.953	245.1	8.49	-0.36	-2.03	0.964		0.947		0.969		0.031	1.020
2	0.953	245.1	8.49	-0.36	-1.53	0.971		0.961		0.975		0.030	1.019
3	0.953	245.1	8.49	-0.36	-1.03	0.968		0.944		0.972		0.013	1.008
4	0.954	245.7	8.49	-0.36	-0.69	0.906		0.818		0.918		-0.004	0.998
5	0.954	245.7	8.49	-0.36	-0.52	0.847		0.713		0.866		-0.010	0.994
6	0.954	245.7	8.49	-0.36	-0.36	0.817		0.662		0.839		-0.012	0.992
7	0.954	245.7	8.49	-0.36	-0.18	0.813		0.655		0.835		-0.016	0.990
8	0.951	244.6	8.49	-0.36	-0.01	0.814		0.657		0.836		-0.013	0.992
9	0.951	244.6	8.49	-0.36	0.15	0.811		0.655		0.833		-0.008	0.995
10	0.951	244.6	8.49	-0.36	0.31	0.833		0.692		0.853		-0.004	0.997
11	0.951	244.6	8.49	-0.36	0.48	0.866		0.749		0.883		-0.001	0.999
12	0.951	244.6	8.49	-0.36	0.65	0.903		0.818		0.916		0.004	1.002
13	0.951	244.6	8.49	-0.36	0.98	0.951		0.921		0.958		0.028	1.018
14	0.951	244.6	8.49	-0.36	1.18	0.969		0.959		0.973		0.036	1.022
15	0.949	244.2	8.49	-0.36	1.48	0.966		0.959		0.971		0.044	1.028
16	0.949	244.2	8.49	-0.36	1.98	0.969		0.966		0.973		0.048	1.030

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
230	571	1	66	5	0.950	1.480	691	244.1	387	71.5	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.950	244.1	8.49	-0.45	-2.03	0.974		0.967		0.978		0.030	1.019
2	0.952	245.1	8.49	-0.45	-1.51	0.972		0.964		0.976		0.031	1.019
3	0.952	245.1	8.49	-0.45	-1.03	0.969		0.948		0.974		0.016	1.010
4	0.952	245.1	8.49	-0.45	-0.69	0.910		0.828		0.923		-0.002	0.999
5	0.952	245.1	8.49	-0.45	-0.53	0.873		0.759		0.889		-0.006	0.996
6	0.952	245.1	8.49	-0.45	-0.36	0.841		0.701		0.860		-0.014	0.991
7	0.952	245.1	8.49	-0.45	-0.19	0.833		0.687		0.853		-0.016	0.990
8	0.952	245.1	8.49	-0.45	-0.02	0.838		0.696		0.858		-0.014	0.991
9	0.952	245.1	8.49	-0.45	0.14	0.846		0.707		0.865		-0.021	0.986
10	0.952	245.1	8.49	-0.45	0.31	0.860		0.733		0.878		-0.013	0.992
11	0.952	245.1	8.49	-0.45	0.48	0.876		0.766		0.892		-0.004	0.997
12	0.952	245.1	8.49	-0.45	0.65	0.915		0.837		0.926		0.001	1.000
13	0.952	245.1	8.49	-0.45	0.98	0.960		0.934		0.966		0.021	1.013
14	0.950	244.1	8.49	-0.45	1.18	0.968		0.957		0.973		0.032	1.020
15	0.950	244.1	8.49	-0.45	1.49	0.966		0.959		0.971		0.044	1.028
16	0.951	244.6	8.49	-0.45	1.98	0.969		0.969		0.974		0.049	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
231	571	1	66	5	0.902	1.483	706	237.0	417	71.6	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.902	237.0	10.87	-0.03	-2.04	0.915		0.866		0.926		0.059	1.034
2	0.901	237.1	10.87	-0.03	-1.55	0.923		0.873		0.932		0.046	1.026
3	0.899	236.7	10.87	-0.03	-1.04	0.911		0.842		0.922		0.027	1.015
4	0.899	236.2	10.87	-0.03	-0.71	0.863		0.756		0.879		0.026	1.015
5	0.897	235.8	10.87	-0.03	-0.55	0.854		0.737		0.871		0.017	1.010
6	0.899	236.7	10.87	-0.03	-0.37	0.838		0.701		0.856		-0.001	0.999
7	0.901	237.1	10.87	-0.03	-0.21	0.828		0.684		0.846		-0.002	0.999
8	0.902	237.5	10.87	-0.03	-0.04	0.842		0.706		0.860		-0.006	0.996
9	0.903	237.5	10.87	-0.03	0.13	0.847		0.718		0.864		0.002	1.001
10	0.902	237.0	10.87	-0.03	0.30	0.852		0.730		0.869		0.009	1.005
11	0.901	236.5	10.87	-0.03	0.47	0.869		0.767		0.884		0.030	1.017
12	0.900	236.1	10.87	-0.03	0.64	0.881		0.795		0.895		0.042	1.024
13	0.899	236.1	10.87	-0.03	0.95	0.927		0.879		0.937		0.039	1.022
14	0.900	236.6	10.87	-0.03	1.16	0.952		0.925		0.959		0.034	1.019
15	0.900	236.6	10.87	-0.03	1.45	0.962		0.950		0.967		0.046	1.026
16	0.899	236.2	10.87	-0.03	1.96	0.965		0.958		0.970		0.050	1.028

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
232	571	1	66	5	0.904	1.484	705	237.4	415	71.4	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.904	237.4	8.49	-0.01	-2.03	0.920		0.863		0.930		0.035	1.020
2	0.904	237.4	8.49	-0.01	-1.53	0.923		0.870		0.932		0.038	1.022
3	0.904	237.4	8.49	-0.01	-1.02	0.927		0.865		0.936		0.012	1.007
4	0.904	237.4	8.49	-0.01	-0.69	0.882		0.784		0.896		0.015	1.009
5	0.902	237.0	8.49	-0.01	-0.53	0.845		0.719		0.863		0.011	1.006
6	0.901	236.6	8.49	-0.01	-0.36	0.803		0.649		0.824		0.011	1.006
7	0.901	236.6	8.49	-0.01	-0.19	0.796		0.638		0.817		0.011	1.006
8	0.900	236.6	8.49	-0.01	-0.01	0.802		0.644		0.823		0.003	1.002
9	0.899	236.1	8.49	-0.01	0.16	0.801		0.647		0.822		0.015	1.008
10	0.899	236.2	8.49	-0.01	0.33	0.832		0.698		0.851		0.012	1.007
11	0.898	235.7	8.49	-0.01	0.48	0.841		0.715		0.859		0.019	1.011
12	0.896	235.3	8.49	-0.01	0.64	0.876		0.777		0.891		0.021	1.012
13	0.899	236.2	8.49	-0.01	0.98	0.943		0.903		0.950		0.027	1.015
14	0.899	236.2	8.49	-0.01	1.18	0.965		0.948		0.970		0.033	1.019
15	0.896	235.3	8.49	-0.01	1.48	0.969		0.962		0.973		0.042	1.024
16	0.896	235.3	8.49	-0.01	1.99	0.968		0.961		0.973		0.044	1.025

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
233	571	1	66	5	0.851	1.492	726	229.3	452	71.1	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.851	229.3	10.87	-0.03	-2.04	0.914		0.848		0.923		0.030	1.015
2	0.851	229.3	10.87	-0.03	-1.54	0.923		0.864		0.931		0.030	1.015
3	0.852	229.8	10.87	-0.03	-1.04	0.908		0.832		0.918		0.019	1.010
4	0.852	229.8	10.87	-0.03	-0.71	0.883		0.785		0.896		0.014	1.007
5	0.852	229.8	10.87	-0.03	-0.55	0.857		0.738		0.872		0.010	1.005
6	0.852	229.8	10.87	-0.03	-0.37	0.850		0.728		0.866		0.014	1.007
7	0.850	229.4	10.87	-0.03	-0.20	0.844		0.719		0.860		0.016	1.008
8	0.850	229.4	10.87	-0.03	-0.04	0.853		0.731		0.868		0.010	1.005
9	0.849	229.1	10.87	-0.03	0.13	0.865		0.753		0.879		0.013	1.007
10	0.850	229.5	10.87	-0.03	0.29	0.866		0.756		0.880		0.014	1.007
11	0.851	229.9	10.87	-0.03	0.46	0.882		0.781		0.895		0.008	1.004
12	0.853	230.2	10.87	-0.03	0.63	0.897		0.809		0.908		0.011	1.006
13	0.853	230.2	10.87	-0.03	0.97	0.939		0.891		0.946		0.022	1.011
14	0.853	230.1	10.87	-0.03	1.16	0.965		0.944		0.969		0.025	1.013
15	0.854	230.5	10.87	-0.03	1.46	0.977		0.967		0.980		0.028	1.014
16	0.854	230.0	10.87	-0.03	1.96	0.972		0.964		0.976		0.039	1.020

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
234	571	1	66	5	0.854	1.497	728	230.6	452	71.0	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.854	230.6	8.49	-0.01	-2.03	0.922		0.853		0.931		0.005	1.003
2	0.857	231.2	8.49	-0.01	-1.53	0.933		0.874		0.941		0.005	1.003
3	0.854	230.6	8.49	-0.01	-1.03	0.907		0.834		0.917		0.028	1.015
4	0.852	229.8	8.49	-0.01	-0.69	0.867		0.760		0.881		0.021	1.011
5	0.852	229.8	8.49	-0.01	-0.53	0.843		0.715		0.859		0.013	1.007
6	0.850	229.4	8.49	-0.01	-0.36	0.821		0.678		0.839		0.011	1.005
7	0.849	229.1	8.49	-0.01	-0.19	0.817		0.669		0.835		0.002	1.001
8	0.849	229.1	8.49	-0.01	-0.02	0.825		0.681		0.842		0.002	1.001
9	0.849	229.1	8.49	-0.01	0.14	0.824		0.681		0.842		0.003	1.001
10	0.847	228.2	8.49	-0.01	0.31	0.842		0.711		0.858		0.006	1.003
11	0.847	228.2	8.49	-0.01	0.48	0.855		0.736		0.870		0.015	1.007
12	0.846	227.9	8.48	-0.01	0.64	0.877		0.777		0.890		0.020	1.010
13	0.846	227.9	8.49	-0.01	0.99	0.949		0.912		0.955		0.025	1.012
14	0.846	227.9	8.49	-0.01	1.18	0.974		0.959		0.977		0.021	1.010
15	0.850	229.5	8.49	-0.01	1.48	0.986		0.980		0.988		0.014	1.007
16	0.853	230.2	8.49	-0.01	1.99	0.984		0.978		0.986		0.020	1.010

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
235	571	1	66	5	0.801	1.513	757	223.0	496	70.9	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.0	10.87	0.41	-2.04	0.975		0.967		0.978		0.039	1.018
2	0.800	222.5	10.87	0.41	-1.54	0.977		0.970		0.980		0.035	1.016
3	0.801	223.1	10.87	0.41	-1.05	0.969		0.947		0.972		0.022	1.010
4	0.801	223.1	10.87	0.41	-0.70	0.921		0.853		0.929		0.011	1.005
5	0.800	222.5	10.87	0.41	-0.53	0.910		0.834		0.919		0.015	1.007
6	0.800	222.5	10.87	0.41	-0.37	0.902		0.818		0.912		0.012	1.005
7	0.800	222.5	10.87	0.41	-0.20	0.906		0.825		0.915		0.013	1.006
8	0.800	222.5	10.87	0.41	-0.04	0.899		0.811		0.908		0.009	1.004
9	0.800	222.5	10.87	0.41	0.12	0.905		0.821		0.915		0.006	1.003
10	0.801	223.1	10.87	0.41	0.29	0.907		0.822		0.916		-0.000	1.000
11	0.801	223.0	10.87	0.41	0.46	0.904		0.819		0.913		0.004	1.002
12	0.802	223.5	10.87	0.41	0.64	0.922		0.854		0.930		0.011	1.005
13	0.801	223.0	10.87	0.41	0.97	0.959		0.925		0.964		0.013	1.006
14	0.801	223.0	10.87	0.41	1.16	0.967		0.941		0.970		0.016	1.007
15	0.803	223.5	10.87	0.41	1.46	0.981		0.972		0.983		0.022	1.010
16	0.802	223.5	10.87	0.41	1.96	0.979		0.972		0.982		0.029	1.013

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
236	571	1	66	5	0.800	1.512	757	222.5	497	70.8	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	10.87	-0.03	-2.04	0.897		0.817		0.907		0.034	1.015
2	0.801	223.1	10.87	-0.03	-1.55	0.917		0.847		0.925		0.017	1.008
3	0.801	223.1	10.87	-0.03	-1.04	0.911		0.834		0.920		0.011	1.005
4	0.801	223.1	10.87	-0.03	-0.71	0.879		0.773		0.890		0.003	1.001
5	0.801	223.0	10.87	-0.03	-0.54	0.868		0.756		0.881		0.008	1.004
6	0.801	223.0	10.87	-0.03	-0.37	0.863		0.746		0.875		0.006	1.003
7	0.801	223.0	10.87	-0.03	-0.20	0.868		0.755		0.881		0.003	1.001
8	0.801	223.0	10.87	-0.03	-0.04	0.862		0.746		0.875		0.008	1.004
9	0.801	223.0	10.87	-0.03	0.13	0.874		0.765		0.886		0.002	1.001
10	0.801	223.0	10.87	-0.03	0.30	0.883		0.781		0.894		0.005	1.002
11	0.801	223.0	10.87	-0.03	0.46	0.882		0.780		0.893		0.010	1.004
12	0.801	223.0	10.87	-0.03	0.63	0.900		0.817		0.910		0.018	1.008
13	0.801	223.0	10.87	-0.03	0.96	0.934		0.880		0.941		0.021	1.009
14	0.802	223.5	10.87	-0.03	1.15	0.961		0.933		0.965		0.023	1.010
15	0.802	223.5	10.87	-0.03	1.47	0.973		0.960		0.976		0.033	1.015
16	0.801	223.1	10.87	-0.03	1.97	0.980		0.974		0.983		0.030	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
237	571	1	66	5	0.800	1.512	757	222.5	497	70.8	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	10.87	-0.38	-2.04	0.971		0.962		0.974		0.044	1.020
2	0.799	222.6	10.87	-0.38	-1.54	0.972		0.959		0.975		0.035	1.016
3	0.798	222.0	10.87	-0.38	-1.05	0.958		0.924		0.962		0.016	1.007
4	0.799	222.6	10.87	-0.38	-0.71	0.906		0.825		0.916		0.009	1.004
5	0.798	222.0	10.87	-0.38	-0.54	0.881		0.778		0.893		0.004	1.002
6	0.799	222.0	10.87	-0.38	-0.37	0.877		0.770		0.889		0.001	1.001
7	0.800	222.5	10.87	-0.38	-0.19	0.863		0.747		0.876		0.006	1.003
8	0.800	222.5	10.87	-0.38	-0.03	0.870		0.762		0.883		0.013	1.006
9	0.799	222.6	10.87	-0.38	0.13	0.865		0.754		0.878		0.018	1.008
10	0.799	222.6	10.87	-0.38	0.30	0.880		0.777		0.891		0.007	1.003
11	0.800	223.1	10.87	-0.38	0.47	0.883		0.787		0.894		0.023	1.010
12	0.801	223.6	10.87	-0.38	0.63	0.907		0.828		0.916		0.016	1.007
13	0.799	222.6	10.87	-0.38	0.96	0.939		0.891		0.946		0.022	1.010
14	0.800	222.5	10.87	-0.38	1.17	0.964		0.935		0.968		0.015	1.007
15	0.800	222.5	10.87	-0.38	1.47	0.987		0.981		0.989		0.013	1.006
16	0.803	223.5	10.87	-0.38	1.96	0.988		0.982		0.989		0.016	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
238	571	1	66	5	0.799	1.510	757	222.0	497	70.7	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	222.0	10.87	-0.48	-2.04	0.978		0.971		0.980		0.035	1.016
2	0.798	222.0	10.87	-0.48	-1.55	0.977		0.968		0.979		0.032	1.014
3	0.797	221.5	10.87	-0.48	-1.04	0.950		0.910		0.955		0.021	1.009
4	0.797	221.5	10.87	-0.48	-0.70	0.897		0.808		0.907		0.009	1.004
5	0.798	222.0	10.87	-0.48	-0.54	0.887		0.791		0.898		0.011	1.005
6	0.798	222.0	10.87	-0.48	-0.36	0.879		0.777		0.891		0.009	1.004
7	0.798	222.0	10.87	-0.48	-0.20	0.879		0.774		0.891		0.002	1.001
8	0.800	222.5	10.87	-0.48	-0.04	0.878		0.775		0.890		0.009	1.004
9	0.800	222.5	10.87	-0.48	0.13	0.875		0.770		0.887		0.009	1.004
10	0.800	222.5	10.87	-0.48	0.29	0.890		0.792		0.900		0.002	1.001
11	0.799	222.0	10.87	-0.48	0.47	0.897		0.808		0.907		0.008	1.004
12	0.800	222.5	10.87	-0.48	0.63	0.915		0.841		0.923		0.012	1.005
13	0.800	222.5	10.87	-0.48	0.96	0.950		0.908		0.955		0.015	1.007
14	0.800	222.5	10.87	-0.48	1.16	0.965		0.938		0.969		0.013	1.006
15	0.801	222.4	10.87	-0.48	1.47	0.979		0.970		0.981		0.027	1.012
16	0.801	222.4	10.87	-0.48	1.97	0.980		0.975		0.983		0.032	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
239	571	1	66	5	0.801	1.514	758	223.1	497	70.7	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.1	8.49	0.43	-2.03	0.983		0.978		0.985		0.025	1.011
2	0.801	223.1	8.49	0.43	-1.52	0.988		0.982		0.989		0.016	1.007
3	0.801	223.0	8.48	0.43	-1.03	0.978		0.962		0.980		0.014	1.006
4	0.803	223.5	8.49	0.43	-0.69	0.926		0.859		0.934		0.004	1.002
5	0.803	223.5	8.48	0.43	-0.52	0.910		0.830		0.919		0.003	1.001
6	0.803	223.5	8.48	0.43	-0.36	0.904		0.816		0.913		-0.001	1.000
7	0.804	224.0	8.49	0.43	-0.19	0.896		0.799		0.906		-0.009	0.996
8	0.804	224.0	8.49	0.43	-0.02	0.883		0.775		0.895		-0.014	0.993
9	0.804	224.0	8.49	0.43	0.14	0.872		0.760		0.884		0.001	1.001
10	0.802	223.0	8.49	0.43	0.30	0.886		0.790		0.897		0.014	1.006
11	0.801	223.0	8.49	0.43	0.48	0.899		0.812		0.909		0.010	1.004
12	0.800	222.5	8.49	0.43	0.65	0.919		0.848		0.927		0.009	1.004
13	0.800	222.5	8.49	0.43	0.98	0.956		0.922		0.961		0.019	1.009
14	0.799	222.6	8.49	0.43	1.19	0.975		0.961		0.978		0.023	1.010
15	0.798	222.0	8.48	0.43	1.48	0.984		0.977		0.986		0.022	1.010
16	0.798	222.0	8.48	0.43	1.98	0.983		0.978		0.985		0.025	1.011

ORIGINAL PAGE IS
OF POOR QUALITY

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
240	571	1	66	5	0.799	1.510	757	222.0	497	70.6	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	222.0	8.49	-0.01	-2.02	0.892		0.806		0.903		0.030	1.013
2	0.799	222.0	8.49	-0.01	-1.53	0.903		0.825		0.912		0.029	1.013
3	0.798	221.5	8.49	-0.01	-1.03	0.912		0.837		0.920		0.015	1.007
4	0.800	222.5	8.49	-0.01	-0.69	0.837		0.800		0.852		0.317	1.142
5	0.800	222.5	8.49	-0.01	-0.53	0.866		0.751		0.879		0.003	1.001
6	0.800	222.5	8.49	-0.01	-0.36	0.846		0.713		0.860		-0.010	0.996
7	0.800	222.5	8.49	-0.01	-0.19	0.828		0.683		0.843		-0.006	0.997
8	0.800	222.5	8.49	-0.01	-0.01	0.822		0.673		0.838		-0.010	0.996
9	0.801	223.0	8.49	-0.01	0.15	0.832		0.689		0.847		-0.011	0.995
10	0.801	223.0	8.49	-0.01	0.31	0.855		0.727		0.868		-0.011	0.995
11	0.801	223.0	8.49	-0.01	0.48	0.864		0.745		0.877		-0.004	0.998
12	0.801	223.0	8.49	-0.01	0.65	0.891		0.796		0.901		0.008	1.004
13	0.801	223.0	8.49	-0.01	0.97	0.949		0.907		0.955		0.015	1.007
14	0.801	223.0	8.49	-0.01	1.17	0.973		0.952		0.976		0.015	1.007
15	0.801	223.0	8.49	-0.01	1.48	0.984		0.977		0.986		0.018	1.008
16	0.800	222.5	8.49	-0.01	1.98	0.984		0.979		0.986		0.025	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
241	571	1	66	5	0.800	1.513	757	222.5	497	70.5	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	8.49	-0.36	-2.03	0.978		0.970		0.980		0.032	1.014
2	0.801	223.1	8.49	-0.36	-1.52	0.978		0.968		0.980		0.028	1.013
3	0.801	223.1	8.49	-0.36	-1.03	0.965		0.940		0.969		0.023	1.010
4	0.801	223.1	8.49	-0.36	-0.69	0.908		0.827		0.918		0.006	1.003
5	0.801	223.1	8.49	-0.36	-0.52	0.869		0.755		0.881		-0.000	1.000
6	0.801	223.1	8.49	-0.36	-0.36	0.851		0.723		0.864		-0.003	0.999
7	0.801	223.1	8.49	-0.36	-0.19	0.829		0.684		0.844		-0.010	0.996
8	0.800	222.5	8.49	-0.36	-0.02	0.845		0.711		0.859		-0.008	0.997
9	0.801	223.0	8.49	-0.36	0.14	0.844		0.712		0.858		-0.003	0.999
10	0.801	223.0	8.49	-0.36	0.32	0.862		0.742		0.875		-0.003	0.999
11	0.800	222.5	8.49	-0.36	0.49	0.884		0.782		0.895		-0.000	1.000
12	0.800	222.5	8.49	-0.36	0.65	0.906		0.821		0.915		0.003	1.001
13	0.800	222.5	8.49	-0.36	0.98	0.953		0.914		0.958		0.015	1.007
14	0.800	222.5	8.49	-0.36	1.19	0.971		0.950		0.974		0.019	1.009
15	0.800	222.5	8.49	-0.36	1.48	0.983		0.975		0.985		0.021	1.009
16	0.799	221.9	8.49	-0.36	1.98	0.984		0.979		0.986		0.025	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
242	571	1	66	5	0.799	1.514	758	222.6	498	70.6	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	222.6	8.48	-0.45	-2.03	0.982		0.977		0.984		0.027	1.012
2	0.800	222.5	8.49	-0.45	-1.53	0.985		0.979		0.986		0.022	1.010
3	0.799	222.0	8.48	-0.45	-1.04	0.973		0.951		0.976		0.011	1.005
4	0.799	222.0	8.49	-0.45	-0.67	0.900		0.814		0.910		0.008	1.004
5	0.799	222.0	8.49	-0.45	-0.53	0.872		0.761		0.884		0.004	1.002
6	0.799	222.0	8.48	-0.45	-0.36	0.863		0.745		0.876		0.002	1.001
7	0.799	222.0	8.49	-0.45	-0.19	0.852		0.724		0.866		-0.005	0.998
8	0.799	222.0	8.49	-0.45	-0.02	0.850		0.723		0.863		0.004	1.002
9	0.800	222.5	8.49	-0.45	0.14	0.859		0.735		0.872		-0.006	0.997
10	0.800	222.5	8.49	-0.45	0.31	0.859		0.738		0.872		-0.000	1.000
11	0.800	222.5	8.49	-0.45	0.48	0.885		0.786		0.896		0.006	1.003
12	0.800	222.5	8.49	-0.45	0.65	0.912		0.833		0.921		0.006	1.003
13	0.800	222.5	8.49	-0.45	0.98	0.954		0.915		0.959		0.015	1.007
14	0.798	222.0	8.49	-0.45	1.18	0.983		0.970		0.935		0.009	1.004
15	0.800	222.5	8.49	-0.45	1.48	0.987		0.981		0.989		0.015	1.007
16	0.800	222.5	8.49	-0.45	1.98	0.985		0.980		0.987		0.021	1.009

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
243	571	1	66	5	0.601	1.511	887	175.8	695	64.8	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.601	175.8	10.88	0.41	-2.05	0.973		0.957		0.975		0.043	1.011
3	0.597	174.0	10.88	0.41	-1.54	0.971		0.955		0.973		0.046	1.012
4	0.596	173.4	10.88	0.41	-1.04	0.947		0.905		0.950		0.035	1.009
5	0.596	173.5	10.88	0.41	-0.71	0.915		0.842		0.920		0.023	1.006
6	0.599	174.6	10.88	0.41	-0.53	0.924		0.852		0.928		-0.005	0.999
7	0.601	175.8	10.88	0.41	-0.37	0.906		0.821		0.912		0.002	1.000
8	0.600	175.2	10.88	0.41	-0.20	0.906		0.824		0.912		0.010	1.002
9	0.600	175.2	10.88	0.41	-0.03	0.908		0.828		0.913		0.016	1.004
10	0.600	175.2	10.88	0.41	0.13	0.900		0.816		0.906		0.028	1.007
11	0.599	174.6	10.88	0.41	0.29	0.901		0.818		0.906		0.032	1.008
12	0.596	173.4	10.88	0.41	0.47	0.919		0.847		0.924		0.014	1.003
13	0.597	174.0	10.88	0.41	0.63	0.937		0.878		0.941		-0.001	1.000
14	0.600	175.2	10.88	0.41	0.97	0.960		0.922		0.962		0.003	1.001
15	0.602	175.8	10.88	0.41	1.16	0.976		0.955		0.978		0.007	1.002
16	0.600	175.2	10.88	0.41	1.47	0.986		0.975		0.987		0.015	1.004
17	0.602	175.8	10.88	0.41	1.96	0.977		0.961		0.978		0.032	1.008

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
244	571	1	66	5	0.600	1.508	887	175.2	696	65.1	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	175.2	10.88	-0.03	-2.04	0.932		0.868		0.936		-0.001	1.000
2	0.603	176.4	10.88	-0.03	-1.54	0.929		0.865		0.934		0.005	1.001
3	0.603	176.4	10.88	-0.03	-1.04	0.921		0.852		0.926		0.014	1.004
4	0.601	175.2	10.88	-0.03	-0.71	0.886		0.789		0.893		0.015	1.004
5	0.601	175.2	10.88	-0.03	-0.54	0.888		0.790		0.894		0.007	1.002
6	0.602	175.8	10.88	-0.03	-0.37	0.865		0.752		0.873		0.020	1.005
7	0.602	175.8	10.88	-0.03	-0.20	0.861		0.745		0.869		0.020	1.005
8	0.601	175.8	10.88	-0.03	-0.04	0.873		0.765		0.880		0.010	1.002
9	0.599	174.6	10.88	-0.03	0.13	0.886		0.786		0.892		0.008	1.002
10	0.598	174.0	10.88	-0.03	0.30	0.886		0.786		0.892		0.011	1.003
11	0.598	174.0	10.88	-0.03	0.46	0.884		0.784		0.890		0.018	1.004
12	0.598	174.0	10.88	-0.03	0.63	0.911		0.833		0.916		0.013	1.003
13	0.598	174.0	10.88	-0.03	0.98	0.943		0.892		0.946		0.011	1.003
14	0.599	174.6	10.88	-0.03	1.15	0.946		0.901		0.950		0.022	1.005
15	0.599	174.6	10.88	-0.03	1.46	0.982		0.969		0.983		0.019	1.005
16	0.599	174.6	10.88	-0.03	1.96	0.977		0.963		0.978		0.038	1.010

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
245	571	1	66	5	0.600	1.506	887	175.2	695	65.3	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	175.2	10.88	-0.38	-2.05	0.980		0.967		0.981		0.026	1.007
2	0.599	174.6	10.88	-0.38	-1.53	0.981		0.967		0.982		0.020	1.005
3	0.602	175.8	10.88	-0.38	-1.05	0.946		0.899		0.949		0.019	1.005
4	0.600	175.2	10.88	-0.38	-0.70	0.903		0.820		0.909		0.018	1.005
5	0.600	175.2	10.88	-0.38	-0.54	0.887		0.788		0.894		0.003	1.001
6	0.600	175.2	10.88	-0.38	-0.38	0.887		0.786		0.893		-0.002	0.999
7	0.601	175.2	10.88	-0.38	-0.21	0.878		0.772		0.884		0.011	1.003
8	0.601	175.2	10.88	-0.38	-0.05	0.910		0.771		0.916		-0.277	0.930
9	0.602	175.8	10.88	-0.38	0.12	0.903		0.816		0.909		0.003	1.001
10	0.600	175.2	10.88	-0.38	0.30	0.900		0.812		0.905		0.012	1.003
11	0.600	175.2	10.88	-0.38	0.46	0.896		0.808		0.902		0.024	1.006
12	0.599	174.6	10.87	-0.38	0.63	0.909		0.832		0.914		0.029	1.007
13	0.600	175.2	10.87	-0.38	0.96	0.929		0.869		0.933		0.027	1.007
14	0.599	174.6	10.87	-0.38	1.16	0.961		0.926		0.963		0.014	1.003
15	0.601	175.8	10.87	-0.38	1.47	0.978		0.963		0.979		0.029	1.007
16	0.600	175.2	10.87	-0.38	1.96	0.983		0.972		0.984		0.027	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
246	571	1	66	5	0.599	1.502	887	174.6	696	65.7	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	174.6	10.87	-0.48	-2.04	0.980		0.967		0.981		0.028	1.007
2	0.599	174.6	10.88	-0.48	-1.54	0.982		0.971		0.983		0.024	1.006
3	0.599	174.6	10.88	-0.48	-1.05	0.958		0.921		0.961		0.014	1.003
4	0.599	174.6	10.88	-0.48	-0.71	0.900		0.811		0.905		0.009	1.002
5	0.600	175.2	10.87	-0.48	-0.54	0.890		0.796		0.897		0.018	1.005
6	0.600	175.2	10.87	-0.48	-0.37	0.890		0.793		0.897		0.004	1.001
7	0.600	175.2	10.87	-0.48	-0.20	0.889		0.792		0.895		0.009	1.002
8	0.600	175.2	10.88	-0.48	-0.04	0.895		0.801		0.901		0.004	1.001
9	0.602	175.8	10.88	-0.48	0.12	0.900		0.812		0.906		0.014	1.004
10	0.602	175.8	10.87	-0.48	0.30	0.900		0.812		0.906		0.011	1.003
11	0.602	175.8	10.88	-0.48	0.47	0.910		0.831		0.915		0.015	1.004
12	0.602	175.8	10.87	-0.48	0.63	0.920		0.849		0.925		0.012	1.003
13	0.602	175.8	10.88	-0.48	0.97	0.946		0.899		0.950		0.016	1.004
14	0.602	175.8	10.87	-0.48	1.17	0.969		0.946		0.971		0.028	1.007
15	0.602	175.8	10.87	-0.48	1.46	0.982		0.969		0.983		0.022	1.006
16	0.602	175.8	10.88	-0.48	1.97	0.984		0.974		0.985		0.024	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
247	571	1	66	5	0.600	1.503	887	175.2	695	66.1	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	175.2	8.49	0.43	-2.03	0.980		0.967		0.981		0.028	1.007
2	0.600	175.2	8.49	0.43	-1.52	0.984		0.974		0.985		0.020	1.005
3	0.600	175.2	8.49	0.43	-1.03	0.977		0.957		0.978		0.011	1.003
4	0.600	175.2	8.49	0.43	-0.69	0.912		0.834		0.918		0.007	1.002
5	0.600	175.2	8.49	0.43	-0.52	0.905		0.820		0.910		0.006	1.001
6	0.600	175.2	8.49	0.43	-0.36	0.908		0.825		0.913		0.005	1.001
7	0.600	175.2	8.49	0.43	-0.19	0.902		0.813		0.908		-0.003	0.999
8	0.600	175.2	8.49	0.43	-0.02	0.890		0.793		0.896		0.007	1.002
9	0.600	175.2	8.49	0.43	0.15	0.905		0.820		0.911		0.003	1.001
10	0.600	175.2	8.49	0.43	0.31	0.892		0.799		0.899		0.014	1.003
11	0.600	175.2	8.49	0.43	0.49	0.917		0.840		0.922		-0.001	1.000
12	0.600	175.2	8.49	0.43	0.66	0.930		0.865		0.934		0.000	1.000
13	0.600	175.2	8.49	0.43	0.99	0.971		0.944		0.973		0.007	1.002
14	0.600	175.2	8.49	0.43	1.18	0.985		0.972		0.986		0.007	1.002
15	0.602	175.8	8.49	0.43	1.48	0.986		0.975		0.987		0.015	1.004
16	0.602	175.8	8.49	0.43	1.98	0.987		0.979		0.988		0.019	1.005

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
248	571	1	66	5	0.600	1.503	887	175.2	695	66.2	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	175.2	8.49	-0.01	-2.02	0.911		0.835		0.916		0.026	1.007
2	0.600	175.2	8.49	-0.01	-1.53	0.926		0.861		0.931		0.011	1.003
3	0.600	175.2	8.49	-0.01	-1.02	0.921		0.851		0.926		0.007	1.002
4	0.600	175.2	8.49	-0.01	-0.70	0.888		0.789		0.894		0.003	1.001
5	0.600	175.2	8.49	-0.01	-0.53	0.862		0.742		0.869		-0.004	0.999
6	0.602	175.8	8.49	-0.01	-0.36	0.844		0.712		0.852		0.000	1.000
7	0.602	175.8	8.49	-0.01	-0.19	0.828		0.685		0.837		0.001	1.000
8	0.602	175.8	8.49	-0.01	-0.02	0.859		0.738		0.867		-0.003	0.999
9	0.602	175.8	8.49	-0.01	0.14	0.856		0.734		0.864		0.003	1.001
10	0.602	175.8	8.49	-0.01	0.32	0.854		0.729		0.862		0.000	1.000
11	0.602	175.8	8.49	-0.01	0.47	0.873		0.763		0.880		0.002	1.000
12	0.602	175.8	8.49	-0.01	0.64	0.897		0.804		0.903		-0.003	0.999
13	0.602	175.8	8.49	-0.01	0.98	0.953		0.910		0.956		0.009	1.002
14	0.602	175.8	8.49	-0.01	1.17	0.976		0.956		0.978		0.015	1.004
15	0.602	175.8	8.49	-0.01	1.48	0.978		0.963		0.979		0.029	1.007
16	0.602	175.8	8.49	-0.01	1.98	0.981		0.970		0.982		0.028	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
249	571	1	66	5	0.600	1.502	887	175.2	695	66.5	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	175.2	8.49	-0.36	-2.02	0.984		0.974		0.985		0.025	1.006
2	0.600	175.2	8.49	-0.36	-1.52	0.982		0.971		0.983		0.025	1.006
3	0.600	175.2	8.49	-0.36	-1.03	0.970		0.942		0.972		0.006	1.001
4	0.600	175.2	8.49	-0.36	-0.70	0.917		0.841		0.922		0.001	1.000
5	0.600	175.2	8.49	-0.36	-0.52	0.875		0.766		0.882		0.006	1.001
6	0.600	175.2	8.49	-0.36	-0.36	0.857		0.735		0.865		0.003	1.001
7	0.600	175.2	8.49	-0.36	-0.17	0.856		0.733		0.864		-0.004	0.999
8	0.600	175.2	8.49	-0.36	-0.02	0.868		0.752		0.875		-0.007	0.998
9	0.600	175.2	8.49	-0.36	0.15	0.863		0.745		0.871		-0.003	0.999
10	0.600	175.2	8.49	-0.36	0.32	0.867		0.750		0.874		-0.005	0.999
11	0.602	175.8	8.49	-0.36	0.48	0.878		0.773		0.885		0.013	1.003
12	0.602	175.8	8.49	-0.36	0.65	0.918		0.843		0.922		0.005	1.001
13	0.602	175.8	8.49	-0.36	0.98	0.962		0.928		0.965		0.006	1.001
14	0.602	175.8	8.49	-0.36	1.18	0.976		0.956		0.977		0.014	1.004
15	0.602	175.8	8.49	-0.36	1.48	0.987		0.979		0.988		0.019	1.005
16	0.602	175.8	8.49	-0.36	1.98	0.989		0.981		0.990		0.014	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
250	571	1	66	5	0.602	1.503	887	175.8	694	66.7	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	175.8	8.49	-0.45	-2.03	0.984		0.974		0.985		0.025	1.006
2	0.602	175.8	8.49	-0.45	-1.52	0.983		0.972		0.984		0.021	1.005
3	0.602	175.8	8.49	-0.45	-1.02	0.963		0.930		0.965		0.011	1.003
4	0.602	175.8	8.49	-0.45	-0.69	0.915		0.840		0.920		0.013	1.003
5	0.600	175.2	8.49	-0.45	-0.52	0.878		0.772		0.885		0.006	1.001
6	0.600	175.2	8.49	-0.45	-0.35	0.879		0.774		0.886		0.006	1.001
7	0.600	175.2	8.49	-0.45	-0.18	0.870		0.757		0.877		-0.003	0.999
8	0.600	175.2	8.49	-0.45	-0.03	0.878		0.771		0.885		0.003	1.001
9	0.600	175.2	8.49	-0.45	0.14	0.872		0.763		0.879		0.015	1.004
10	0.600	175.2	8.49	-0.45	0.31	0.891		0.793		0.897		-0.003	0.999
11	0.600	175.2	8.49	-0.45	0.48	0.905		0.819		0.911		0.002	1.000
12	0.600	175.2	8.49	-0.45	0.65	0.912		0.833		0.917		0.007	1.002
13	0.600	175.2	8.49	-0.45	0.98	0.959		0.923		0.962		0.014	1.003
14	0.600	175.2	8.49	-0.45	1.19	0.982		0.968		0.984		0.011	1.003
15	0.600	175.2	8.49	-0.45	1.49	0.985		0.975		0.986		0.019	1.005
16	0.600	175.2	8.49	-0.45	1.98	0.981		0.969		0.983		0.024	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
251	571	1	66	5	0.251	1.515	1875	79.4	1794	65.1	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.4	10.87	0.41	-2.05	0.995	0.000	0.990	0.000	0.995	0.000	0.002	1.000
2	0.250	78.8	10.88	0.41	-1.53	0.996	0.000	0.991	0.000	0.996	0.000	-0.015	0.999
3	0.251	79.4	10.88	0.41	-1.04	0.948	0.000	0.898	0.000	0.948	0.000	-0.012	0.999
4	0.250	78.8	10.88	0.41	-0.70	0.935	0.000	0.874	0.000	0.936	0.000	-0.021	0.999
5	0.251	79.4	10.88	0.41	-0.54	0.912	0.000	0.832	0.000	0.913	0.000	-0.012	0.999
6	0.249	78.1	10.88	0.41	-0.38	0.928	0.000	0.859	0.000	0.928	0.000	-0.030	0.999
7	0.250	78.8	10.88	0.41	-0.22	0.908	0.000	0.824	0.000	0.909	0.000	-0.021	0.999
8	0.250	78.8	10.88	0.41	-0.04	0.945	0.000	0.892	0.000	0.945	0.000	-0.021	0.999
9	0.250	78.8	10.88	0.41	0.12	0.942	0.000	0.887	0.000	0.943	0.000	-0.021	0.999
10	0.250	78.8	10.88	0.41	0.29	0.930	0.000	0.864	0.000	0.931	0.000	-0.021	0.999
11	0.250	78.8	10.88	0.41	0.47	0.940	0.000	0.883	0.000	0.941	0.000	-0.021	0.999
12	0.250	78.8	10.88	0.41	0.63	0.949	0.000	0.899	0.000	0.949	0.000	-0.021	0.999
13	0.252	79.4	10.88	0.41	0.97	0.970	0.000	0.941	0.000	0.971	0.000	-0.010	1.000
14	0.253	80.1	10.88	0.41	1.16	0.980	0.000	0.961	0.000	0.980	0.000	0.002	1.000
15	0.249	78.1	10.88	0.41	1.47	0.990	0.000	0.979	0.000	0.990	0.000	-0.014	0.999
16	0.250	78.8	10.88	0.41	1.97	0.993	0.000	0.986	0.000	0.993	0.000	-0.015	0.999

ORIGINAL PAGE IS
OF POOR QUALITY

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
252	571	1	66	5	0.250	1.510	1874	78.8	1794	64.6	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	10.88	-0.03	-2.04	0.938	0.000	0.880	0.000	0.939	0.000	-0.014	0.999
2	0.250	78.8	10.88	-0.03	-1.54	0.944	0.000	0.890	0.000	0.944	0.000	-0.015	0.999
3	0.250	78.8	10.88	-0.03	-1.03	0.937	0.000	0.878	0.000	0.938	0.000	-0.021	0.999
4	0.252	79.4	10.88	-0.03	-0.71	0.907	0.000	0.822	0.000	0.908	0.000	-0.012	0.999
5	0.250	78.8	10.88	-0.03	-0.54	0.875	0.000	0.766	0.000	0.877	0.000	-0.012	0.999
6	0.250	78.8	10.88	-0.03	-0.37	0.870	0.000	0.755	0.000	0.871	0.000	-0.021	0.999
7	0.250	78.8	10.88	-0.03	-0.20	0.897	0.000	0.804	0.000	0.898	0.000	-0.021	0.999
8	0.250	78.8	10.88	-0.03	-0.04	0.908	0.000	0.824	0.000	0.909	0.000	-0.021	0.999
9	0.252	79.4	10.88	-0.03	0.13	0.901	0.000	0.811	0.000	0.902	0.000	-0.012	0.999
10	0.250	78.8	10.88	-0.03	0.30	0.915	0.000	0.836	0.000	0.916	0.000	-0.021	0.999
11	0.250	78.8	10.88	-0.03	0.46	0.919	0.000	0.845	0.000	0.920	0.000	-0.021	0.999
12	0.250	78.8	10.88	-0.03	0.62	0.920	0.000	0.846	0.000	0.921	0.000	-0.021	0.999
13	0.250	78.8	10.88	-0.03	0.97	0.955	0.000	0.911	0.000	0.955	0.000	-0.021	0.999
14	0.250	78.8	10.88	-0.03	1.16	0.972	0.000	0.944	0.000	0.972	0.000	-0.017	0.999
15	0.250	78.8	10.88	-0.03	1.46	0.989	0.000	0.977	0.000	0.989	0.000	-0.010	1.000
16	0.252	79.4	10.88	-0.03	1.97	0.992	0.000	0.984	0.000	0.992	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
253	571	1	66	5	0.252	1.518	1874	79.4	1794	64.2	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.252	79.4	10.88	-0.38	-2.04	0.991	0.000	0.983	0.000	0.991	0.000	-0.001	1.000
2	0.252	79.4	10.88	-0.38	-1.54	0.989	0.000	0.977	0.000	0.989	0.000	-0.015	0.999
3	0.250	78.8	10.88	-0.38	-1.04	0.955	0.000	0.911	0.000	0.955	0.000	-0.021	0.999
4	0.252	79.4	10.88	-0.38	-0.70	0.917	0.000	0.841	0.000	0.918	0.000	-0.021	0.999
5	0.250	78.8	10.88	-0.38	-0.54	0.909	0.000	0.825	0.000	0.910	0.000	-0.021	0.999
6	0.250	78.8	10.88	-0.38	-0.37	0.911	0.000	0.829	0.000	0.912	0.000	-0.021	0.999
7	0.250	78.8	10.88	-0.38	-0.21	0.917	0.000	0.839	0.000	0.918	0.000	-0.021	0.999
8	0.250	78.8	10.88	-0.38	-0.04	0.919	0.000	0.843	0.000	0.919	0.000	-0.021	0.999
9	0.250	78.8	10.88	-0.38	0.13	0.915	0.000	0.836	0.000	0.916	0.000	-0.021	0.999
10	0.250	78.8	10.88	-0.38	0.30	0.908	0.000	0.824	0.000	0.909	0.000	-0.021	0.999
11	0.250	78.8	10.88	-0.38	0.47	0.928	0.000	0.860	0.000	0.929	0.000	-0.021	0.999
12	0.250	78.8	10.98	-0.38	0.64	0.940	0.000	0.883	0.000	0.941	0.000	-0.021	0.999
13	0.250	78.8	10.88	-0.38	0.97	0.943	0.000	0.888	0.000	0.943	0.000	-0.015	0.999
14	0.250	78.8	10.88	-0.38	1.17	0.981	0.000	0.962	0.000	0.981	0.000	-0.015	0.999
15	0.250	78.8	10.88	-0.38	1.47	0.991	0.000	0.981	0.000	0.991	0.000	-0.014	0.999
16	0.250	78.8	10.88	-0.38	1.96	0.992	0.000	0.984	0.000	0.992	0.000	-0.012	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
254	571	1	66	5	0.252	1.519	1874	79.4	1794	63.9	-20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.252	79.4	10.88	-0.48	-2.05	0.982	0.000	0.965	0.000	0.983	0.000	0.002	1.000
2	0.250	78.8	10.88	-0.48	-1.53	0.986	0.000	0.972	0.000	0.986	0.000	-0.001	1.000
3	0.250	78.8	10.88	-0.48	-1.04	0.959	0.000	0.920	0.000	0.960	0.000	-0.010	1.000
4	0.249	78.1	10.88	-0.48	-0.71	0.924	0.000	0.852	0.000	0.925	0.000	-0.030	0.999
5	0.249	78.1	10.88	-0.48	-0.54	0.916	0.000	0.838	0.000	0.917	0.000	-0.030	0.999
6	0.251	78.8	10.88	-0.48	-0.37	0.911	0.000	0.829	0.000	0.912	0.000	-0.021	0.999
7	0.250	78.8	10.88	-0.48	-0.20	0.894	0.000	0.799	0.000	0.895	0.000	-0.012	0.999
8	0.250	78.8	10.88	-0.48	-0.04	0.911	0.000	0.829	0.000	0.912	0.000	-0.012	0.999
9	0.250	78.8	10.88	-0.48	0.12	0.907	0.000	0.822	0.000	0.908	0.000	-0.021	0.999
10	0.250	78.8	10.88	-0.48	0.29	0.927	0.000	0.859	0.000	0.928	0.000	-0.012	0.999
11	0.249	78.1	10.88	-0.48	0.46	0.930	0.000	0.864	0.000	0.931	0.000	-0.021	0.999
12	0.249	78.1	10.88	-0.48	0.63	0.926	0.000	0.857	0.000	0.927	0.000	-0.019	0.999
13	0.249	78.1	10.88	-0.48	0.97	0.965	0.000	0.930	0.000	0.965	0.000	-0.021	0.999
14	0.249	78.1	10.88	-0.48	1.16	0.991	0.000	0.981	0.000	0.991	0.000	-0.017	0.999
15	0.249	78.1	10.88	-0.48	1.47	0.990	0.000	0.981	0.000	0.991	0.000	-0.010	1.000
16	0.249	78.1	10.88	-0.48	1.96	0.994	0.000	0.988	0.000	0.994	0.000	-0.012	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
255	571	1	66	5	0.250	1.514	1874	78.8	1794	63.5	-20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	8.49	0.43	-2.03	0.990	0.000	0.979	0.000	0.990	0.000	-0.010	1.000
2	0.249	78.1	8.49	0.43	-1.52	0.992	0.000	0.984	0.000	0.992	0.000	-0.014	0.999
3	0.250	78.8	8.49	0.43	-1.03	0.979	0.000	0.958	0.000	0.979	0.000	-0.006	1.000
4	0.250	78.8	8.49	0.43	-0.69	0.931	0.000	0.866	0.000	0.931	0.000	-0.012	0.999
5	0.250	78.8	8.49	0.43	-0.53	0.915	0.000	0.836	0.000	0.915	0.000	-0.012	0.999
6	0.249	78.1	8.49	0.43	-0.35	0.918	0.000	0.842	0.000	0.919	0.000	-0.021	0.999
7	0.249	78.1	8.49	0.43	-0.19	0.882	0.000	0.778	0.000	0.884	0.000	-0.021	0.999
8	0.249	78.1	8.49	0.43	-0.03	0.924	0.000	0.854	0.000	0.925	0.000	-0.012	0.999
9	0.249	78.1	8.49	0.43	0.14	0.921	0.000	0.849	0.000	0.922	0.000	-0.012	0.999
10	0.249	78.1	8.49	0.43	0.31	0.927	0.000	0.859	0.000	0.928	0.000	-0.012	0.999
11	0.248	77.4	8.49	0.43	0.48	0.937	0.000	0.877	0.000	0.938	0.000	-0.021	0.999
12	0.248	77.4	8.49	0.43	0.64	0.936	0.000	0.876	0.000	0.937	0.000	-0.021	0.999
13	0.248	77.4	8.49	0.43	0.98	0.980	0.000	0.959	0.000	0.980	0.000	-0.016	0.999
14	0.249	78.1	8.49	0.43	1.19	0.987	0.000	0.974	0.000	0.987	0.000	-0.016	0.999
15	0.248	77.4	8.49	0.43	1.48	0.998	0.000	0.995	0.000	0.998	0.000	-0.016	0.999
16	0.249	78.1	8.49	0.43	1.98	0.991	0.000	0.981	0.000	0.991	0.000	-0.014	0.999

ORIGINAL PAGE IS
OF POOR QUALITY

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
256	571	1	66	5	0.249	1.508	1874	78.1	1794	63.3	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.1	8.49	-0.01	-2.03	0.934	0.000	0.871	0.000	0.935	0.000	-0.016	0.999
2	0.248	77.4	8.49	-0.01	-1.52	0.942	0.000	0.886	0.000	0.942	0.000	-0.014	0.999
3	0.249	78.1	8.49	-0.01	-1.01	0.941	0.000	0.884	0.000	0.941	0.000	-0.021	0.999
4	0.250	78.8	8.49	-0.01	-0.70	0.895	0.000	0.801	0.000	0.896	0.000	-0.012	0.999
5	0.249	78.1	8.49	-0.01	-0.53	0.876	0.000	0.767	0.000	0.878	0.000	-0.021	0.999
6	0.250	78.8	8.49	-0.01	-0.36	0.844	0.000	0.712	0.000	0.845	0.000	-0.012	0.999
7	0.250	78.8	8.49	-0.01	-0.19	0.855	0.000	0.731	0.000	0.857	0.000	-0.012	0.999
8	0.249	78.1	8.49	-0.01	-0.02	0.873	0.000	0.762	0.000	0.875	0.000	-0.021	0.999
9	0.250	78.8	8.49	-0.01	0.14	0.861	0.000	0.741	0.000	0.863	0.000	-0.021	0.999
10	0.250	78.8	8.49	-0.01	0.30	0.888	0.000	0.787	0.000	0.889	0.000	-0.021	0.999
11	0.250	78.8	8.49	-0.01	0.48	0.911	0.000	0.829	0.000	0.912	0.000	-0.021	0.999
12	0.252	79.4	8.49	-0.01	0.65	0.915	0.000	0.837	0.000	0.916	0.000	-0.012	0.999
13	0.252	79.4	8.49	-0.01	0.97	0.959	0.000	0.919	0.000	0.959	0.000	-0.021	0.999
14	0.252	79.4	8.49	-0.01	1.18	0.993	0.000	0.984	0.000	0.993	0.000	-0.017	0.999
15	0.252	79.4	8.49	-0.01	1.48	0.988	0.000	0.976	0.000	0.988	0.000	-0.005	1.000
16	0.250	78.8	8.49	-0.01	1.99	0.994	0.000	0.988	0.000	0.994	0.000	-0.010	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
257	571	1	66	5	0.250	1.516	1874	78.8	1794	63.1	-20.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	8.49	-0.36	-2.02	0.988	0.000	0.975	0.000	0.988	0.000	-0.010	1.000
2	0.250	78.8	8.49	-0.36	-1.52	0.991	0.000	0.981	0.000	0.991	0.000	-0.015	0.999
3	0.249	78.1	8.49	-0.36	-1.03	0.954	0.000	0.908	0.000	0.954	0.000	-0.021	0.999
4	0.252	79.4	8.49	-0.36	-0.69	0.914	0.000	0.836	0.000	0.915	0.000	-0.012	0.999
5	0.250	78.8	8.49	-0.36	-0.52	0.898	0.000	0.806	0.000	0.899	0.000	-0.012	0.999
6	0.250	78.8	8.49	-0.36	-0.35	0.875	0.000	0.764	0.000	0.876	0.000	-0.021	0.999
7	0.250	78.8	8.49	-0.36	-0.19	0.889	0.000	0.790	0.000	0.891	0.000	-0.021	0.999
8	0.250	78.8	8.49	-0.36	-0.03	0.898	0.000	0.806	0.000	0.899	0.000	-0.023	0.999
9	0.252	79.4	8.49	-0.36	0.14	0.889	0.000	0.789	0.000	0.890	0.000	-0.021	0.999
10	0.252	79.4	8.49	-0.36	0.31	0.873	0.000	0.761	0.000	0.874	0.000	-0.012	0.999
11	0.252	79.4	8.49	-0.36	0.48	0.920	0.000	0.846	0.000	0.921	0.000	-0.012	0.999
12	0.251	79.4	8.49	-0.36	0.65	0.914	0.000	0.836	0.000	0.915	0.000	-0.012	0.999
13	0.251	79.4	8.49	-0.36	0.98	0.948	0.000	0.898	0.000	0.948	0.000	-0.008	1.000
14	0.248	77.4	8.49	-0.36	1.17	1.001	0.000	1.000	0.000	1.001	0.000	-0.039	0.998
15	0.250	78.8	8.49	-0.36	1.48	0.996	0.000	0.991	0.000	0.996	0.000	-0.015	0.999
16	0.250	78.8	8.49	-0.36	1.98	0.995	0.000	0.989	0.000	0.995	0.000	-0.014	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
258	571	1	66	5	0.249	1.510	1874	78.1	1794	62.9	-20.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.1	8.49	-0.45	-2.03	0.990	0.000	0.981	0.000	0.990	0.000	-0.007	1.000
2	0.249	78.1	8.49	-0.45	-1.52	0.990	0.000	0.979	0.000	0.990	0.000	-0.010	1.000
3	0.250	78.8	8.49	-0.45	-1.03	0.964	0.000	0.928	0.000	0.964	0.000	-0.021	0.999
4	0.250	78.8	8.49	-0.45	-0.70	0.894	0.000	0.799	0.000	0.896	0.000	-0.021	0.999
5	0.249	78.1	8.49	-0.45	-0.52	0.879	0.000	0.773	0.000	0.881	0.000	-0.021	0.999
6	0.249	78.1	8.49	-0.45	-0.36	0.883	0.000	0.780	0.000	0.885	0.000	-0.021	0.999
7	0.249	78.1	8.49	-0.45	-0.19	0.918	0.000	0.842	0.000	0.919	0.000	-0.021	0.999
8	0.250	78.8	8.49	-0.45	-0.02	0.918	0.000	0.841	0.000	0.918	0.000	-0.021	0.999
9	0.249	78.1	8.49	-0.45	0.15	0.888	0.000	0.789	0.000	0.890	0.000	-0.021	0.999
10	0.249	78.1	8.49	-0.45	0.31	0.928	0.000	0.861	0.000	0.929	0.000	-0.021	0.999
11	0.250	78.8	8.49	-0.45	0.48	0.927	0.000	0.859	0.000	0.928	0.000	-0.021	0.999
12	0.249	78.1	8.49	-0.45	0.65	0.939	0.000	0.880	0.000	0.939	0.000	-0.012	0.999
13	0.249	78.1	8.49	-0.45	0.98	0.973	0.000	0.945	0.000	0.973	0.000	-0.017	0.999
14	0.249	78.1	8.49	-0.45	1.18	0.988	0.000	0.975	0.000	0.988	0.000	-0.008	1.000
15	0.249	78.1	8.49	-0.45	1.48	0.985	0.000	0.970	0.000	0.985	0.000	-0.003	1.000
16	0.249	78.1	8.49	-0.45	1.98	0.988	0.000	0.975	0.000	0.988	0.000	0.001	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
259	571	1	66	5	0.951	1.480	682	241.2	381	66.2	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.951	241.2	10.88	0.41	-2.04	0.971		0.966		0.976		0.037	1.024
3	0.954	242.3	10.88	0.41	-1.53	0.967		0.959		0.972		0.041	1.026
4	0.954	242.3	10.88	0.41	-1.04	0.964		0.949		0.969		0.034	1.021
5	0.956	242.8	10.88	0.41	-0.70	0.919		0.856		0.930		0.023	1.015
6	0.956	242.8	10.88	0.41	-0.54	0.927		0.873		0.938		0.024	1.015
7	0.955	242.3	10.88	0.41	-0.37	0.928		0.868		0.938		0.014	1.009
8	0.955	242.3	10.88	0.41	-0.20	0.918		0.849		0.929		0.011	1.007
9	0.955	242.3	10.88	0.41	-0.04	0.909		0.831		0.921		0.010	1.006
10	0.955	242.3	10.88	0.41	0.13	0.895		0.805		0.909		0.007	1.005
11	0.955	242.3	10.88	0.41	0.29	0.876		0.769		0.892		0.005	1.003
12	0.953	241.8	10.88	0.41	0.46	0.887		0.785		0.902		-0.002	0.999
13	0.953	241.8	10.88	0.41	0.63	0.866		0.751		0.883		0.001	1.001
14	0.953	241.8	10.88	0.41	0.96	0.885		0.786		0.900		0.005	1.003
15	0.953	241.8	10.88	0.41	1.17	0.920		0.851		0.931		0.008	1.005
16	0.953	241.8	10.88	0.41	1.47	0.953		0.923		0.960		0.025	1.016
17	0.951	241.2	10.88	0.41	1.96	0.967		0.964		0.972		0.048	1.031

ORIGINAL PAGE IS
OF POOR QUALITY

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
260	571	1	66	5	0.952	1.485	686	242.9	382	67.3	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	242.9	10.88	-0.03	-2.04	0.890		0.813		0.904		0.042	1.027
2	0.951	242.4	10.88	-0.03	-1.55	0.926		0.877		0.936		0.037	1.024
3	0.951	242.4	10.88	-0.03	-1.04	0.917		0.857		0.928		0.031	1.020
4	0.951	242.4	10.88	-0.03	-0.70	0.902		0.824		0.916		0.020	1.012
5	0.951	242.4	10.88	-0.03	-0.54	0.889		0.798		0.903		0.017	1.011
6	0.950	241.9	10.88	-0.03	-0.38	0.868		0.760		0.885		0.014	1.009
7	0.950	241.9	10.88	-0.03	-0.20	0.867		0.756		0.884		0.009	1.006
8	0.950	241.9	10.88	-0.03	-0.04	0.858		0.739		0.876		0.004	1.003
9	0.950	241.9	10.88	-0.03	0.13	0.852		0.729		0.871		0.004	1.003
10	0.950	241.9	10.88	-0.03	0.30	0.841		0.709		0.860		0.003	1.002
11	0.950	241.9	10.88	-0.03	0.46	0.856		0.732		0.874		-0.000	1.000
12	0.948	241.5	10.88	-0.03	0.63	0.838		0.701		0.857		-0.002	0.999
13	0.948	241.5	10.88	-0.03	0.96	0.863		0.746		0.880		0.005	1.003
14	0.948	241.5	10.88	-0.03	1.16	0.889		0.798		0.903		0.016	1.010
15	0.946	241.1	10.88	-0.03	1.46	0.929		0.880		0.939		0.030	1.019
16	0.946	241.1	10.88	-0.03	1.96	0.969		0.967		0.974		0.047	1.029

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
261	571	1	66	5	0.951	1.480	685	242.4	383	68.0	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	242.4	10.88	-0.38	-2.04	0.963		0.950		0.969		0.037	1.024
2	0.951	242.4	10.88	-0.38	-1.54	0.970		0.959		0.974		0.031	1.020
3	0.951	242.4	10.88	-0.38	-1.04	0.964		0.941		0.969		0.022	1.014
4	0.951	242.4	10.88	-0.38	-0.71	0.929		0.872		0.939		0.016	1.010
5	0.951	242.4	10.88	-0.38	-0.54	0.906		0.826		0.918		0.012	1.007
6	0.951	242.4	10.88	-0.38	-0.37	0.889		0.794		0.903		0.008	1.005
7	0.951	242.4	10.88	-0.38	-0.21	0.887		0.788		0.901		0.005	1.003
8	0.951	242.4	10.88	-0.38	-0.03	0.875		0.766		0.891		0.002	1.001
9	0.951	242.4	10.88	-0.38	0.12	0.877		0.769		0.893		-0.001	1.000
10	0.951	242.4	10.88	-0.38	0.30	0.871		0.756		0.888		-0.005	0.997
11	0.951	242.4	10.88	-0.38	0.46	0.860		0.739		0.878		-0.002	0.999
12	0.951	242.4	10.88	-0.38	0.63	0.868		0.755		0.885		0.002	1.001
13	0.951	242.4	10.88	-0.38	0.97	0.885		0.784		0.900		0.002	1.001
14	0.950	241.9	10.88	-0.38	1.17	0.910		0.834		0.923		0.010	1.006
15	0.949	241.4	10.88	-0.38	1.46	0.941		0.902		0.949		0.031	1.020
16	0.947	241.0	10.88	-0.38	1.97	0.954		0.942		0.961		0.055	1.035

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
262	571	1	66	5	0.951	1.478	685	242.4	383	68.6	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	242.4	10.88	-0.48	-2.04	0.969		0.960		0.973		0.036	1.023
2	0.953	242.9	10.88	-0.48	-1.55	0.969		0.960		0.974		0.035	1.022
3	0.952	242.3	10.88	-0.48	-1.04	0.964		0.944		0.969		0.025	1.016
4	0.954	242.9	10.88	-0.48	-0.71	0.915		0.848		0.927		0.019	1.012
5	0.953	242.3	10.88	-0.48	-0.54	0.910		0.837		0.922		0.015	1.010
6	0.953	242.3	10.88	-0.48	-0.37	0.911		0.834		0.923		0.008	1.005
7	0.953	242.3	10.88	-0.48	-0.21	0.905		0.822		0.918		0.004	1.003
8	0.955	242.8	10.88	-0.48	-0.04	0.892		0.795		0.906		0.000	1.000
9	0.955	242.8	10.88	-0.48	0.13	0.890		0.792		0.905		-0.002	0.999
10	0.955	242.8	10.88	-0.48	0.29	0.866		0.749		0.883		-0.003	0.998
11	0.953	242.3	10.88	-0.48	0.47	0.864		0.748		0.881		0.005	1.003
12	0.955	243.4	10.88	-0.48	0.64	0.862		0.747		0.880		0.007	1.004
13	0.953	242.9	10.88	-0.48	0.96	0.888		0.794		0.902		0.012	1.008
14	0.951	242.4	10.88	-0.48	1.17	0.909		0.836		0.922		0.017	1.011
15	0.950	242.4	10.88	-0.48	1.46	0.950		0.918		0.957		0.028	1.018
16	0.949	242.0	10.88	-0.48	1.97	0.966		0.962		0.971		0.050	1.032

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
263	571	1	66	5	0.952	1.474	684	242.3	382	69.4	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	242.3	8.49	0.43	-2.03	0.973		0.967		0.977		0.032	1.020
2	0.952	242.3	8.49	0.43	-1.52	0.973		0.964		0.977		0.030	1.019
3	0.952	242.3	8.49	0.43	-1.03	0.966		0.946		0.971		0.023	1.015
4	0.952	242.3	8.49	0.43	-0.68	0.912		0.841		0.924		0.019	1.012
5	0.951	241.8	8.49	0.43	-0.52	0.928		0.866		0.938		0.008	1.005
6	0.951	241.8	8.49	0.43	-0.35	0.926		0.863		0.936		0.011	1.007
7	0.950	241.8	8.49	0.43	-0.19	0.913		0.838		0.925		0.007	1.005
8	0.949	241.4	8.49	0.43	-0.03	0.896		0.803		0.910		0.002	1.001
9	0.950	241.9	8.49	0.43	0.14	0.869		0.754		0.886		-0.003	0.998
10	0.948	241.5	8.49	0.43	0.31	0.856		0.729		0.874		-0.010	0.993
11	0.949	242.0	8.49	0.43	0.48	0.852		0.720		0.870		-0.012	0.992
12	0.948	242.0	8.49	0.43	0.64	0.860		0.730		0.878		-0.021	0.987
13	0.947	241.6	8.49	0.43	0.98	0.914		0.826		0.926		-0.020	0.987
14	0.946	241.1	8.49	0.43	1.17	0.952		0.902		0.959		-0.006	0.996
15	0.946	241.1	8.49	0.43	1.47	0.968		0.944		0.973		0.012	1.007
16	0.946	241.1	8.49	0.43	1.99	0.969		0.965		0.974		0.044	1.027

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
264	571	1	66	5	0.951	1.482	688	243.5	385	69.6	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	243.5	8.49	-0.01	-2.02	0.893		0.810		0.907		0.026	1.016
2	0.951	243.5	8.49	-0.01	-1.54	0.927		0.874		0.938		0.025	1.016
3	0.951	243.5	8.49	-0.01	-1.02	0.923		0.861		0.934		0.016	1.010
4	0.952	244.0	8.49	-0.01	-0.69	0.914		0.838		0.925		0.006	1.004
5	0.952	244.0	8.49	-0.01	-0.52	0.895		0.800		0.909		-0.001	1.000
6	0.952	244.0	8.49	-0.01	-0.36	0.877		0.766		0.893		-0.009	0.994
7	0.952	244.0	8.49	-0.01	-0.19	0.851		0.718		0.870		-0.015	0.990
8	0.952	244.0	8.49	-0.01	-0.01	0.833		0.688		0.854		-0.016	0.990
9	0.951	243.5	8.49	-0.01	0.14	0.837		0.691		0.857		-0.019	0.988
10	0.951	243.5	8.49	-0.01	0.31	0.830		0.676		0.850		-0.030	0.981
11	0.952	244.0	8.49	-0.01	0.47	0.796		0.625		0.820		-0.022	0.986
12	0.952	244.0	8.49	-0.01	0.65	0.826		0.674		0.847		-0.019	0.988
13	0.952	244.0	8.49	-0.01	0.98	0.870		0.754		0.887		-0.008	0.995
14	0.952	244.0	8.49	-0.01	1.18	0.911		0.834		0.923		0.008	1.005
15	0.949	243.0	8.49	-0.01	1.48	0.959		0.935		0.965		0.024	1.015
16	0.948	242.6	8.49	-0.01	1.98	0.967		0.964		0.972		0.050	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
265	571	1	66	5	0.951	1.480	688	243.5	385	69.9	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	243.5	8.49	-0.36	-2.03	0.968		0.951		0.972		0.025	1.016
2	0.952	243.5	8.49	-0.36	-1.52	0.974		0.964		0.978		0.026	1.017
3	0.952	243.5	8.49	-0.36	-1.03	0.974		0.956		0.977		0.014	1.009
4	0.954	244.0	8.49	-0.36	-0.69	0.940		0.886		0.948		0.005	1.003
5	0.954	244.0	8.49	-0.36	-0.53	0.914		0.834		0.925		-0.000	1.000
6	0.954	244.0	8.49	-0.36	-0.35	0.885		0.782		0.901		-0.004	0.997
7	0.954	244.0	8.49	-0.36	-0.19	0.874		0.761		0.890		-0.004	0.997
8	0.952	243.5	8.49	-0.36	-0.02	0.859		0.730		0.877		-0.018	0.989
9	0.952	243.5	8.49	-0.36	0.15	0.837		0.692		0.857		-0.021	0.987
10	0.952	243.5	8.49	-0.36	0.31	0.818		0.663		0.840		-0.014	0.991
11	0.952	243.5	8.49	-0.36	0.48	0.827		0.676		0.848		-0.019	0.988
12	0.952	243.5	8.49	-0.36	0.65	0.844		0.705		0.863		-0.016	0.990
13	0.950	243.0	8.49	-0.36	0.98	0.895		0.796		0.909		-0.010	0.994
14	0.950	243.0	8.49	-0.36	1.18	0.936		0.878		0.945		0.005	1.003
15	0.950	243.0	8.49	-0.36	1.48	0.963		0.943		0.969		0.025	1.016
16	0.948	242.6	8.49	-0.36	1.98	0.972		0.972		0.976		0.045	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
266	571	1	66	5	0.949	1.479	688	243.0	385	70.1	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.949	243.0	8.49	-0.45	-2.03	0.972		0.965		0.976		0.033	1.021
2	0.949	243.0	8.49	-0.45	-1.52	0.974		0.965		0.978		0.028	1.018
3	0.951	243.5	8.49	-0.45	-1.03	0.972		0.956		0.976		0.020	1.012
4	0.951	243.5	8.49	-0.45	-0.69	0.932		0.875		0.942		0.010	1.006
5	0.951	243.5	8.49	-0.45	-0.52	0.906		0.821		0.918		0.001	1.001
6	0.951	243.5	8.49	-0.45	-0.35	0.906		0.819		0.919		-0.004	0.998
7	0.951	243.5	8.49	-0.45	-0.19	0.886		0.782		0.901		-0.005	0.997
8	0.952	244.0	8.49	-0.45	-0.02	0.872		0.754		0.889		-0.015	0.990
9	0.952	244.0	8.49	-0.45	0.14	0.857		0.725		0.875		-0.019	0.988
10	0.952	244.0	8.49	-0.45	0.31	0.841		0.697		0.861		-0.024	0.985
11	0.952	244.0	8.49	-0.45	0.48	0.843		0.699		0.863		-0.026	0.983
12	0.951	243.5	8.49	-0.45	0.65	0.845		0.705		0.864		-0.021	0.987
13	0.951	243.5	8.49	-0.45	0.98	0.906		0.816		0.919		-0.011	0.993
14	0.951	243.5	8.49	-0.45	1.18	0.946		0.895		0.954		-0.001	0.999
15	0.950	243.0	8.49	-0.45	1.47	0.966		0.947		0.971		0.023	1.014
16	0.950	243.0	8.49	-0.45	1.97	0.971		0.971		0.975		0.047	1.030

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
267	571	1	66	5	0.901	1.482	703	235.9	415	70.3	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.901	235.9	10.88	-0.03	-2.04	0.919		0.871		0.929		0.054	1.031
2	0.900	235.5	10.88	-0.03	-1.55	0.922		0.873		0.932		0.048	1.027
3	0.897	234.6	10.88	-0.03	-1.04	0.913		0.853		0.923		0.042	1.024
4	0.897	234.7	10.87	-0.03	-0.71	0.885		0.798		0.898		0.035	1.020
5	0.898	235.2	10.88	-0.03	-0.54	0.884		0.790		0.898		0.018	1.010
6	0.899	235.6	10.88	-0.03	-0.38	0.874		0.766		0.889		0.005	1.003
7	0.900	236.0	10.88	-0.03	-0.21	0.861		0.744		0.877		0.008	1.004
8	0.900	235.5	10.88	-0.03	-0.04	0.862		0.744		0.878		0.003	1.002
9	0.901	235.9	10.88	-0.03	0.13	0.848		0.723		0.865		0.007	1.004
10	0.901	235.9	10.88	-0.03	0.29	0.856		0.735		0.872		0.007	1.004
11	0.901	235.9	10.88	-0.03	0.46	0.855		0.733		0.872		0.004	1.002
12	0.902	236.4	10.88	-0.03	0.63	0.861		0.746		0.877		0.012	1.007
13	0.902	236.4	10.88	-0.03	0.96	0.885		0.791		0.899		0.016	1.009
14	0.900	236.0	10.88	-0.03	1.17	0.906		0.832		0.917		0.026	1.015
15	0.900	236.0	10.88	-0.03	1.46	0.951		0.924		0.957		0.038	1.021
16	0.900	236.0	10.88	-0.03	1.97	0.968		0.959		0.973		0.041	1.023

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
268	571	1	66	5	0.902	1.480	702	235.8	414	70.3	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.902	235.8	8.49	-0.01	-2.03	0.906		0.847		0.917		0.057	1.032
2	0.899	235.0	8.49	-0.01	-1.53	0.911		0.858		0.922		0.058	1.033
3	0.897	234.6	8.49	-0.01	-1.02	0.923		0.869		0.932		0.038	1.021
4	0.897	234.7	8.49	-0.01	-0.69	0.886		0.802		0.900		0.036	1.020
5	0.897	234.7	8.49	-0.01	-0.52	0.868		0.763		0.883		0.021	1.012
6	0.897	234.7	8.49	-0.01	-0.36	0.854		0.734		0.870		0.014	1.008
7	0.896	234.8	8.49	-0.01	-0.19	0.838		0.704		0.855		0.007	1.004
8	0.898	235.2	8.49	-0.01	-0.02	0.832		0.687		0.850		-0.011	0.994
9	0.900	236.1	8.49	-0.01	0.15	0.816		0.664		0.836		-0.007	0.996
10	0.900	236.1	8.49	-0.01	0.31	0.795		0.628		0.816		-0.008	0.995
11	0.899	235.6	8.49	-0.01	0.48	0.818		0.667		0.837		-0.004	0.998
12	0.900	236.0	8.49	-0.01	0.64	0.827		0.681		0.845		-0.005	0.997
13	0.901	235.9	8.49	-0.01	0.98	0.902		0.813		0.914		-0.001	0.999
14	0.900	235.5	8.49	-0.01	1.18	0.923		0.857		0.932		0.011	1.006
15	0.899	235.0	8.49	-0.01	1.48	0.964		0.943		0.969		0.026	1.015
16	0.899	235.0	8.49	-0.01	1.98	0.971		0.963		0.975		0.038	1.022

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
269	571	1	66	5	0.853	1.499	727	230.1	452	70.0	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.853	230.1	10.88	-0.03	-2.04	0.903		0.835		0.914		0.048	1.024
2	0.852	229.8	10.88	-0.03	-1.55	0.918		0.861		0.928		0.040	1.020
3	0.852	229.8	10.88	-0.03	-1.04	0.916		0.851		0.925		0.030	1.015
4	0.850	229.4	10.88	-0.03	-0.71	0.891		0.803		0.903		0.024	1.012
5	0.850	229.4	10.88	-0.03	-0.53	0.872		0.769		0.885		0.025	1.013
6	0.849	229.1	10.88	-0.03	-0.38	0.864		0.753		0.878		0.017	1.009
7	0.849	229.1	10.88	-0.03	-0.20	0.856		0.739		0.871		0.014	1.007
8	0.849	229.1	10.88	-0.03	-0.03	0.850		0.726		0.865		0.012	1.006
9	0.849	229.1	10.88	-0.03	0.13	0.853		0.732		0.868		0.010	1.005
10	0.849	229.1	10.88	-0.03	0.29	0.858		0.738		0.872		0.008	1.004
11	0.849	229.1	10.88	-0.03	0.46	0.844		0.716		0.859		0.012	1.006
12	0.849	229.1	10.88	-0.03	0.63	0.855		0.737		0.870		0.015	1.008
13	0.848	228.6	10.88	-0.03	0.96	0.901		0.821		0.912		0.021	1.010
14	0.848	228.6	10.88	-0.03	1.16	0.934		0.880		0.941		0.019	1.010
15	0.849	229.1	10.88	-0.03	1.46	0.966		0.944		0.970		0.024	1.012
16	0.850	229.4	10.88	-0.03	1.97	0.976		0.969		0.979		0.034	1.017

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
270	571	1	66	5	0.854	1.500	727	230.5	451	70.0	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.854	230.5	8.49	-0.01	-2.02	0.908		0.836		0.918		0.028	1.015
2	0.854	230.0	8.49	-0.01	-1.53	0.914		0.851		0.924		0.035	1.018
3	0.850	228.9	8.49	-0.01	-1.03	0.912		0.847		0.922		0.037	1.019
4	0.850	229.0	8.49	-0.01	-0.69	0.880		0.788		0.893		0.036	1.018
5	0.848	228.7	8.49	-0.01	-0.53	0.860		0.747		0.874		0.020	1.010
6	0.848	228.7	8.49	-0.01	-0.36	0.846		0.721		0.862		0.014	1.007
7	0.849	229.1	8.49	-0.01	-0.19	0.836		0.701		0.852		0.008	1.004
8	0.849	229.1	8.49	-0.01	-0.02	0.841		0.704		0.857		-0.008	0.996
9	0.850	229.5	8.49	-0.01	0.14	0.819		0.668		0.836		-0.005	0.997
10	0.850	229.4	8.49	-0.01	0.32	0.813		0.657		0.831		-0.011	0.994
11	0.850	229.4	8.49	-0.01	0.48	0.826		0.680		0.843		-0.005	0.998
12	0.850	229.4	8.49	-0.01	0.64	0.848		0.717		0.863		-0.004	0.998
13	0.852	229.8	8.49	-0.01	0.98	0.913		0.838		0.922		0.012	1.006
14	0.852	229.8	8.49	-0.01	1.17	0.950		0.910		0.956		0.018	1.009
15	0.852	229.8	8.49	-0.01	1.48	0.968		0.951		0.972		0.029	1.015
16	0.852	229.8	8.49	-0.01	1.98	0.977		0.972		0.980		0.034	1.017

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
271	571	1	66	5	0.803	1.519	757	223.5	495	69.7	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.803	223.5	10.88	0.41	-2.04	0.976		0.969		0.979		0.038	1.017
2	0.801	223.0	10.88	0.41	-1.54	0.980		0.975		0.983		0.030	1.014
3	0.801	223.0	10.88	0.41	-1.04	0.974		0.959		0.977		0.023	1.010
4	0.801	223.0	10.88	0.41	-0.72	0.919		0.854		0.927		0.026	1.012
5	0.801	223.0	10.88	0.41	-0.54	0.922		0.857		0.930		0.020	1.009
6	0.801	223.0	10.88	0.41	-0.37	0.923		0.853		0.931		0.006	1.003
7	0.801	223.0	10.88	0.41	-0.21	0.918		0.845		0.926		0.006	1.003
8	0.803	223.5	10.88	0.41	-0.04	0.896		0.807		0.907		0.010	1.005
9	0.801	223.0	10.88	0.41	0.13	0.898		0.810		0.908		0.009	1.004
10	0.801	223.0	10.88	0.41	0.29	0.884		0.783		0.895		0.003	1.001
11	0.802	223.5	10.88	0.41	0.47	0.903		0.818		0.913		0.006	1.003
12	0.802	223.5	10.89	0.41	0.63	0.896		0.805		0.907		0.004	1.002
13	0.802	223.5	10.88	0.41	0.97	0.933		0.876		0.940		0.016	1.007
14	0.802	223.5	10.88	0.41	1.16	0.950		0.912		0.955		0.023	1.011
15	0.800	222.5	10.88	0.41	1.47	0.973		0.957		0.976		0.023	1.010
16	0.800	222.5	10.88	0.41	1.96	0.977		0.970		0.980		0.036	1.016

RUN	TST	P	TN	CONF	MACH	PN/L	PT	Q	P	TT	ALPHA
272	571	1	66	5	0.800	1.516	757	222.5	497	69.6	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	10.88	-0.03	-2.04	0.898		0.818		0.908		0.031	1.014
2	0.799	222.6	10.88	-0.03	-1.54	0.913		0.842		0.922		0.025	1.011
3	0.800	222.5	10.88	-0.03	-1.04	0.921		0.853		0.929		0.013	1.006
4	0.800	222.5	10.88	-0.03	-0.71	0.901		0.817		0.911		0.013	1.006
5	0.800	222.5	10.88	-0.03	-0.55	0.891		0.797		0.902		0.006	1.003
6	0.801	223.0	10.88	-0.03	-0.37	0.874		0.763		0.886		-0.001	1.000
7	0.801	223.0	10.88	-0.03	-0.20	0.871		0.757		0.883		-0.003	0.999
8	0.801	223.0	10.88	-0.03	-0.04	0.851		0.725		0.865		0.003	1.001
9	0.801	223.0	10.88	-0.03	0.14	0.861		0.742		0.874		0.003	1.001
10	0.802	223.0	10.88	-0.03	0.29	0.866		0.753		0.879		0.009	1.004
11	0.802	223.0	10.88	-0.03	0.46	0.865		0.752		0.878		0.010	1.004
12	0.800	222.5	10.88	-0.03	0.63	0.863		0.749		0.876		0.010	1.005
13	0.800	222.5	10.88	-0.03	0.96	0.910		0.834		0.919		0.014	1.006
14	0.800	222.5	10.88	-0.03	1.17	0.939		0.886		0.945		0.012	1.005
15	0.802	223.0	10.88	-0.03	1.47	0.966		0.942		0.969		0.023	1.010
16	0.801	222.4	10.88	-0.03	1.97	0.978		0.971		0.981		0.032	1.015

RUN	TST	P	TN	CONF	MACH	PN/L	PT	Q	P	TT	ALPHA
273	571	1	66	5	0.798	1.516	757	222.0	498	69.3	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.798	222.0	10.88	-0.38	-2.04	0.985		0.980		0.987		0.021	1.009
2	0.799	222.0	10.88	-0.38	-1.54	0.980		0.971		0.983		0.022	1.010
3	0.799	222.0	10.88	-0.38	-1.04	0.970		0.948		0.973		0.017	1.008
4	0.800	222.5	10.88	-0.38	-0.71	0.911		0.840		0.920		0.025	1.011
5	0.800	222.5	10.88	-0.38	-0.54	0.889		0.795		0.900		0.014	1.006
6	0.800	222.5	10.88	-0.38	-0.37	0.880		0.778		0.892		0.009	1.004
7	0.800	222.5	10.88	-0.38	-0.21	0.881		0.778		0.892		0.006	1.003
8	0.800	222.5	10.88	-0.38	-0.04	0.878		0.771		0.889		0.001	1.001
9	0.800	222.5	10.88	-0.38	0.13	0.857		0.736		0.871		0.003	1.001
10	0.801	223.0	10.88	-0.38	0.29	0.874		0.765		0.886		0.003	1.001
11	0.801	223.0	10.88	-0.38	0.47	0.876		0.770		0.888		0.006	1.003
12	0.801	223.0	10.88	-0.38	0.63	0.888		0.792		0.899		0.010	1.005
13	0.801	223.0	10.88	-0.38	0.97	0.920		0.855		0.928		0.020	1.009
14	0.800	222.5	10.88	-0.38	1.16	0.943		0.897		0.949		0.018	1.008
15	0.800	222.5	10.88	-0.38	1.47	0.974		0.960		0.977		0.027	1.012
16	0.800	222.5	10.88	-0.38	1.96	0.979		0.972		0.982		0.029	1.013

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
274	571	1	66	5	0.799	1.519	758	222.6	498	69.1	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	222.6	10.88	-0.48	-2.04	0.979		0.972		0.981		0.032	1.014
2	0.798	222.0	10.88	-0.48	-1.54	0.981		0.974		0.983		0.028	1.012
3	0.800	222.5	10.88	-0.48	-1.04	0.963		0.936		0.967		0.020	1.009
4	0.799	222.0	10.88	-0.48	-0.71	0.917		0.844		0.925		0.011	1.005
5	0.799	222.0	10.88	-0.48	-0.54	0.898		0.810		0.908		0.011	1.005
6	0.800	222.5	10.88	-0.48	-0.38	0.892		0.799		0.903		0.010	1.005
7	0.801	223.0	10.88	-0.48	-0.21	0.886		0.786		0.897		0.003	1.001
8	0.801	223.0	10.88	-0.48	-0.04	0.883		0.781		0.894		0.006	1.003
9	0.801	223.0	10.88	-0.48	0.13	0.877		0.773		0.889		0.010	1.005
10	0.801	223.0	10.88	-0.48	0.29	0.874		0.766		0.886		0.004	1.002
11	0.801	223.0	10.88	-0.48	0.46	0.883		0.782		0.894		0.006	1.003
12	0.801	223.0	10.88	-0.48	0.63	0.890		0.796		0.901		0.009	1.004
13	0.801	223.0	10.88	-0.48	0.96	0.928		0.869		0.936		0.020	1.009
14	0.801	223.0	10.88	-0.48	1.17	0.951		0.913		0.956		0.020	1.009
15	0.802	223.5	10.88	-0.48	1.47	0.972		0.956		0.975		0.026	1.012
16	0.801	223.0	10.88	-0.48	1.97	0.979		0.972		0.981		0.031	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
275	571	1	66	5	0.800	1.518	757	222.5	497	69.1	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	222.5	8.49	0.43	-2.03	0.986		0.980		0.987		0.020	1.009
2	0.800	222.5	8.49	0.43	-1.52	0.985		0.980		0.986		0.023	1.010
3	0.801	223.0	8.49	0.43	-1.03	0.980		0.968		0.982		0.016	1.007
4	0.801	223.0	8.49	0.43	-0.70	0.922		0.854		0.930		0.012	1.005
5	0.800	222.5	8.49	0.43	-0.52	0.925		0.860		0.933		0.011	1.005
6	0.800	222.5	8.49	0.43	-0.35	0.919		0.848		0.927		0.009	1.004
7	0.803	223.5	8.49	0.43	-0.19	0.903		0.815		0.913		-0.003	0.999
8	0.803	223.5	8.49	0.43	-0.01	0.880		0.775		0.892		0.001	1.000
9	0.801	223.0	8.49	0.43	0.14	0.864		0.751		0.876		0.015	1.007
10	0.801	223.0	8.49	0.43	0.31	0.870		0.759		0.882		0.007	1.003
11	0.800	222.5	8.49	0.43	0.48	0.874		0.766		0.886		0.004	1.002
12	0.800	222.5	8.49	0.43	0.64	0.899		0.811		0.909		0.008	1.004
13	0.798	222.0	8.49	0.43	0.98	0.948		0.903		0.954		0.009	1.004
14	0.799	222.6	8.49	0.43	1.19	0.957		0.924		0.961		0.020	1.009
15	0.799	222.6	8.49	0.43	1.47	0.976		0.963		0.979		0.023	1.010
16	0.799	222.6	8.49	0.43	1.98	0.979		0.973		0.982		0.032	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
276	571	1	66	5	0.802	1.513	754	222.3	493	69.2	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	222.3	8.49	-0.01	-2.02	0.890		0.802		0.900		0.029	1.013
2	0.801	221.8	8.49	-0.01	-1.52	0.906		0.830		0.915		0.028	1.013
3	0.801	221.8	8.49	-0.01	-1.03	0.916		0.848		0.924		0.024	1.011
4	0.801	221.8	8.49	-0.01	-0.69	0.893		0.803		0.903		0.015	1.007
5	0.801	221.8	8.49	-0.01	-0.53	0.864		0.748		0.877		0.006	1.003
6	0.801	221.8	8.49	-0.01	-0.36	0.850		0.724		0.864		0.004	1.002
7	0.801	221.8	8.49	-0.01	-0.19	0.833		0.696		0.847		0.009	1.004
8	0.800	221.2	8.49	-0.01	-0.02	0.824		0.679		0.839		0.003	1.001
9	0.800	221.2	8.49	-0.01	0.14	0.838		0.700		0.853		-0.007	0.997
10	0.800	221.2	8.49	-0.01	0.31	0.832		0.691		0.847		-0.006	0.997
11	0.800	221.2	8.49	-0.01	0.47	0.839		0.704		0.854		-0.003	0.999
12	0.800	221.2	8.49	-0.01	0.65	0.849		0.722		0.863		0.001	1.001
13	0.800	221.2	8.49	-0.01	0.97	0.915		0.842		0.924		0.012	1.005
14	0.800	221.2	8.49	-0.01	1.18	0.947		0.904		0.953		0.016	1.007
15	0.800	221.2	8.49	-0.01	1.48	0.976		0.963		0.979		0.025	1.011
16	0.800	221.2	8.49	-0.01	1.98	0.978		0.972		0.981		0.034	1.015

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
277	571	1	66	5	0.801	1.512	754	221.8	494	69.1	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	221.8	8.49	-0.36	-2.02	0.979		0.971		0.982		0.029	1.013
2	0.801	221.8	8.49	-0.36	-1.52	0.976		0.965		0.979		0.030	1.013
3	0.801	221.8	8.49	-0.36	-1.02	0.973		0.952		0.976		0.013	1.006
4	0.802	222.3	8.49	-0.36	-0.69	0.918		0.846		0.926		0.008	1.003
5	0.802	222.3	8.49	-0.36	-0.51	0.886		0.785		0.897		-0.000	1.000
6	0.804	222.8	8.49	-0.36	-0.36	0.859		0.739		0.872		0.006	1.003
7	0.801	221.8	8.49	-0.36	-0.18	0.844		0.710		0.858		-0.006	0.997
8	0.801	221.8	8.49	-0.36	-0.03	0.847		0.716		0.861		-0.006	0.997
9	0.804	222.8	8.49	-0.36	0.14	0.854		0.727		0.867		-0.005	0.998
10	0.804	222.8	8.49	-0.36	0.32	0.837		0.698		0.852		-0.009	0.996
11	0.804	222.8	8.49	-0.36	0.48	0.847		0.718		0.861		0.004	1.002
12	0.802	222.3	8.49	-0.36	0.64	0.873		0.764		0.885		0.009	1.004
13	0.802	222.3	8.49	-0.36	0.99	0.935		0.879		0.942		0.013	1.006
14	0.802	222.3	8.49	-0.36	1.19	0.951		0.912		0.956		0.020	1.009
15	0.801	221.8	8.49	-0.36	1.48	0.980		0.971		0.982		0.027	1.012
16	0.801	221.8	8.49	-0.36	1.98	0.979		0.972		0.931		0.032	1.015

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
278	571	1	66	5	0.800	1.510	753	221.3	494	69.1	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	221.3	8.49	-0.45	-2.03	0.977		0.969		0.980		0.034	1.015
2	0.800	221.3	8.49	-0.45	-1.52	0.983		0.977		0.985		0.025	1.011
3	0.800	221.3	8.49	-0.45	-1.03	0.974		0.957		0.977		0.020	1.009
4	0.801	221.8	8.49	-0.45	-0.69	0.916		0.844		0.925		0.013	1.006
5	0.801	221.8	8.49	-0.45	-0.52	0.889		0.793		0.900		0.006	1.003
6	0.801	221.8	8.49	-0.45	-0.35	0.883		0.781		0.894		0.001	1.001
7	0.803	222.3	8.49	-0.45	-0.18	0.865		0.748		0.878		-0.000	1.000
8	0.803	222.3	8.49	-0.45	-0.02	0.849		0.719		0.862		-0.002	0.999
9	0.803	222.3	8.49	-0.45	0.14	0.855		0.729		0.868		-0.006	0.997
10	0.803	222.3	8.49	-0.45	0.30	0.857		0.732		0.870		-0.006	0.997
11	0.803	222.3	8.49	-0.45	0.48	0.871		0.761		0.884		0.006	1.003
12	0.803	222.3	8.49	-0.45	0.65	0.881		0.778		0.892		0.005	1.002
13	0.803	222.3	8.49	-0.45	0.98	0.944		0.897		0.950		0.016	1.007
14	0.804	222.8	8.49	-0.45	1.18	0.963		0.935		0.967		0.019	1.009
15	0.802	222.3	8.49	-0.45	1.44	0.978		0.968		0.981		0.026	1.012
16	0.802	222.3	8.49	-0.45	1.99	0.979		0.972		0.981		0.031	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
279	571	1	66	5	0.598	1.508	896	176.0	703	67.8	10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.598	176.0	10.88	0.41	-2.04	0.978		0.965		0.980		0.033	1.008
2	0.598	176.0	10.88	0.41	-1.54	0.981		0.969		0.982		0.027	1.007
3	0.598	176.0	10.88	0.41	-1.04	0.965		0.937		0.967		0.028	1.007
4	0.598	176.0	10.88	0.41	-0.71	0.933		0.874		0.937		0.015	1.004
5	0.598	176.0	10.88	0.41	-0.54	0.930		0.867		0.934		0.010	1.003
6	0.599	176.6	10.88	0.41	-0.38	0.919		0.846		0.923		0.009	1.002
7	0.598	176.0	10.88	0.41	-0.20	0.927		0.861		0.931		0.010	1.003
8	0.598	176.0	10.88	0.41	-0.04	0.906		0.822		0.911		0.008	1.002
9	0.599	176.6	10.88	0.41	0.13	0.894		0.801		0.900		0.012	1.003
10	0.599	176.6	10.88	0.41	0.29	0.908		0.825		0.913		0.008	1.002
11	0.599	176.6	10.88	0.41	0.46	0.899		0.812		0.905		0.016	1.004
12	0.598	176.0	10.88	0.41	0.63	0.913		0.834		0.918		0.006	1.001
13	0.599	176.6	10.88	0.41	0.96	0.930		0.868		0.934		0.017	1.004
14	0.599	176.6	10.88	0.41	1.17	0.946		0.902		0.950		0.028	1.007
15	0.600	177.2	10.88	0.41	1.46	0.979		0.963		0.981		0.019	1.005
16	0.600	177.2	10.88	0.41	1.97	0.978		0.964		0.979		0.029	1.007

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
280	571	1	66	5	0.600	1.516	896	177.2	703	67.2	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.2	10.88	-0.03	-2.04	0.913		0.840		0.919		0.027	1.007
2	0.599	176.6	10.88	-0.03	-1.55	0.930		0.868		0.935		0.009	1.002
3	0.599	176.6	10.88	-0.03	-1.04	0.929		0.866		0.934		0.008	1.002
4	0.602	177.8	10.88	-0.03	-0.71	0.901		0.816		0.907		0.019	1.005
5	0.602	177.8	10.88	-0.03	-0.54	0.901		0.812		0.907		0.000	1.000
6	0.603	178.4	10.88	-0.03	-0.37	0.875		0.768		0.882		0.016	1.004
7	0.602	177.8	10.88	-0.03	-0.21	0.869		0.758		0.876		0.015	1.004
8	0.602	177.8	10.88	-0.03	-0.03	0.873		0.765		0.880		0.017	1.004
9	0.602	177.8	10.88	-0.03	0.13	0.882		0.780		0.889		0.008	1.002
10	0.602	177.8	10.88	-0.03	0.30	0.893		0.798		0.899		0.004	1.001
11	0.602	177.8	10.88	-0.03	0.46	0.880		0.777		0.887		0.015	1.004
12	0.602	177.8	10.88	-0.03	0.64	0.891		0.796		0.897		0.011	1.003
13	0.603	178.4	10.88	-0.03	0.96	0.912		0.836		0.917		0.019	1.005
14	0.602	177.8	10.88	-0.03	1.16	0.946		0.900		0.950		0.019	1.005
15	0.603	178.4	10.88	-0.03	1.46	0.967		0.941		0.970		0.020	1.005
16	0.603	178.4	10.88	-0.03	1.96	0.972		0.954		0.974		0.036	1.009

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
281	571	1	66	5	0.599	1.514	896	176.6	703	66.8	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	176.6	10.88	-0.38	-2.04	0.979		0.966		0.981		0.028	1.007
2	0.602	177.8	10.88	-0.38	-1.54	0.984		0.971		0.985		0.014	1.004
3	0.602	177.8	10.88	-0.38	-1.05	0.941		0.891		0.945		0.024	1.006
4	0.601	177.2	10.88	-0.38	-0.71	0.914		0.838		0.919		0.012	1.003
5	0.602	177.8	10.88	-0.38	-0.54	0.904		0.819		0.910		0.008	1.002
6	0.601	177.2	10.88	-0.38	-0.37	0.878		0.773		0.885		0.015	1.004
7	0.602	177.8	10.88	-0.38	-0.22	0.886		0.787		0.893		0.008	1.002
8	0.602	177.8	10.88	-0.38	-0.05	0.864		0.751		0.871		0.026	1.007
9	0.603	178.4	10.88	-0.38	0.12	0.885		0.786		0.892		0.012	1.003
10	0.603	178.4	10.88	-0.38	0.31	0.881		0.782		0.888		0.027	1.007
11	0.603	178.4	10.88	-0.38	0.47	0.889		0.792		0.896		0.007	1.002
12	0.602	177.8	10.88	-0.38	0.64	0.902		0.816		0.908		0.008	1.002
13	0.601	177.2	10.88	-0.38	0.99	0.934		0.873		0.938		0.007	1.002
14	0.601	177.2	10.88	-0.38	1.17	0.949		0.901		0.952		0.004	1.001
15	0.602	177.8	10.88	-0.38	1.46	0.973		0.954		0.975		0.029	1.007
16	0.602	177.8	10.88	-0.38	1.96	0.979		0.967		0.981		0.032	1.008

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
282	571	1	66	5	0.604	1.517	891	177.7	696	66.1	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.604	177.7	10.87	-0.48	-2.04	0.968		0.949		0.970		0.051	1.013
3	0.601	176.5	10.87	-0.48	-1.54	0.974		0.957		0.976		0.035	1.009
4	0.600	175.9	10.88	-0.48	-1.04	0.960		0.927		0.962		0.026	1.007
5	0.600	175.9	10.88	-0.48	-0.70	0.909		0.831		0.914		0.022	1.005
6	0.598	175.3	10.88	-0.48	-0.53	0.900		0.812		0.906		0.013	1.003
7	0.598	175.3	10.88	-0.48	-0.37	0.898		0.808		0.904		0.009	1.002
8	0.598	175.3	10.88	-0.48	-0.20	0.895		0.804		0.901		0.010	1.003
9	0.598	175.3	10.88	-0.48	-0.05	0.882		0.779		0.888		0.007	1.002
10	0.600	175.9	10.88	-0.48	0.12	0.899		0.810		0.905		0.007	1.002
11	0.600	175.9	10.88	-0.48	0.29	0.888		0.790		0.894		0.007	1.002
12	0.600	175.9	10.88	-0.48	0.47	0.895		0.803		0.901		0.005	1.001
13	0.600	175.9	10.88	-0.48	0.63	0.908		0.826		0.914		0.004	1.001
14	0.600	175.9	10.88	-0.48	0.96	0.925		0.861		0.930		0.022	1.005
15	0.600	175.9	10.88	-0.48	1.17	0.946		0.900		0.949		0.023	1.006
16	0.600	175.9	10.88	-0.48	1.48	0.967		0.942		0.969		0.033	1.008
17	0.602	177.1	10.88	-0.48	1.96	0.987		0.979		0.988		0.016	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
283	571	1	66	5	0.599	1.509	896	176.6	703	68.1	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	176.6	8.49	0.43	-2.03	0.985		0.975		0.986		0.019	1.005
2	0.600	177.2	8.49	0.43	-1.53	0.983		0.971		0.984		0.022	1.005
3	0.600	177.2	8.49	0.43	-1.03	0.975		0.953		0.977		0.009	1.002
4	0.602	177.8	8.49	0.43	-0.69	0.925		0.858		0.929		0.011	1.003
5	0.602	177.8	8.49	0.43	-0.53	0.924		0.854		0.928		0.004	1.001
6	0.603	178.4	8.49	0.43	-0.35	0.914		0.835		0.919		0.002	1.001
7	0.602	177.8	8.49	0.43	-0.19	0.903		0.816		0.909		0.006	1.001
8	0.602	177.8	8.49	0.43	-0.02	0.904		0.816		0.910		-0.004	0.999
9	0.602	177.8	8.49	0.43	0.14	0.900		0.808		0.906		-0.015	0.996
10	0.602	177.8	8.49	0.43	0.31	0.893		0.795		0.899		-0.009	0.998
11	0.602	177.8	8.49	0.43	0.48	0.890		0.793		0.897		0.003	1.001
12	0.602	177.8	8.49	0.43	0.65	0.904		0.816		0.910		-0.004	0.999
13	0.601	177.2	8.49	0.43	0.98	0.957		0.916		0.960		-0.004	0.999
14	0.602	177.8	8.49	0.43	1.18	0.975		0.953		0.977		0.009	1.002
15	0.602	177.8	8.49	0.43	1.48	0.979		0.963		0.980		0.019	1.005
16	0.603	178.4	8.49	0.43	1.99	0.981		0.967		0.982		0.021	1.005

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
284	571	1	66	5	0.602	1.512	896	177.8	701	68.8	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.8	8.49	-0.01	-2.03	0.901		0.819		0.907		0.031	1.008
2	0.601	177.2	8.49	-0.01	-1.53	0.920		0.850		0.925		0.015	1.004
3	0.601	177.2	8.49	-0.01	-1.02	0.922		0.852		0.926		0.014	1.003
4	0.601	177.2	8.49	-0.01	-0.69	0.895		0.801		0.901		0.002	1.000
5	0.601	177.2	8.49	-0.01	-0.53	0.875		0.764		0.882		-0.011	0.997
6	0.602	177.8	8.49	-0.01	-0.36	0.857		0.733		0.864		-0.004	0.999
7	0.602	177.8	8.49	-0.01	-0.19	0.859		0.738		0.867		-0.002	0.999
8	0.601	177.2	8.49	-0.01	-0.02	0.850		0.721		0.858		-0.007	0.998
9	0.602	177.8	8.49	-0.01	0.15	0.850		0.721		0.858		-0.004	0.999
10	0.602	177.8	8.49	-0.01	0.31	0.853		0.727		0.861		-0.001	1.000
11	0.602	177.8	8.49	-0.01	0.48	0.863		0.746		0.870		0.005	1.001
12	0.601	177.2	8.49	-0.01	0.64	0.879		0.771		0.886		-0.006	0.998
13	0.601	177.2	8.49	-0.01	0.99	0.939		0.879		0.942		-0.008	0.998
14	0.601	177.2	8.49	-0.01	1.18	0.956		0.916		0.959		0.007	1.002
15	0.602	177.8	8.49	-0.01	1.48	0.977		0.959		0.979		0.018	1.005
16	0.602	177.8	8.49	-0.01	1.98	0.980		0.966		0.981		0.023	1.006

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
285	571	1	66	5	0.602	1.510	896	177.8	701	69.1	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.8	8.49	-0.36	-2.02	0.980		0.966		0.981		0.026	1.007
2	0.602	177.8	8.49	-0.36	-1.52	0.980		0.967		0.982		0.025	1.006
3	0.602	177.8	8.49	-0.36	-1.03	0.975		0.952		0.977		0.007	1.002
4	0.602	177.8	8.49	-0.36	-0.69	0.914		0.837		0.919		0.011	1.003
5	0.602	177.8	8.49	-0.36	-0.52	0.885		0.784		0.891		0.004	1.001
6	0.600	177.2	8.49	-0.36	-0.36	0.877		0.768		0.884		-0.002	0.999
7	0.600	177.2	8.49	-0.36	-0.19	0.858		0.735		0.866		-0.005	0.999
8	0.600	177.2	8.49	-0.36	-0.02	0.863		0.743		0.871		-0.009	0.998
9	0.600	177.2	8.49	-0.36	0.15	0.867		0.750		0.874		-0.007	0.998
10	0.600	177.2	8.49	-0.36	0.32	0.856		0.733		0.864		-0.003	0.999
11	0.599	176.6	8.49	-0.36	0.48	0.879		0.772		0.886		-0.009	0.998
12	0.600	177.2	8.49	-0.36	0.65	0.895		0.802		0.901		-0.001	1.000
13	0.601	177.2	8.49	-0.36	0.97	0.931		0.867		0.935		-0.001	1.000
14	0.601	177.2	8.49	-0.36	1.18	0.960		0.922		0.962		0.004	1.001
15	0.602	177.8	8.49	-0.36	1.48	0.983		0.969		0.984		0.014	1.004
16	0.602	177.8	8.49	-0.36	1.98	0.984		0.973		0.985		0.019	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
286	571	1	66	5	0.600	1.507	896	177.2	702	69.4	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.2	8.49	-0.45	-2.03	0.979		0.965		0.980		0.027	1.007
2	0.600	177.2	8.49	-0.45	-1.53	0.983		0.972		0.984		0.023	1.006
3	0.600	177.2	8.49	-0.45	-1.03	0.973		0.950		0.975		0.014	1.003
4	0.600	177.2	8.49	-0.45	-0.69	0.917		0.843		0.922		0.010	1.002
5	0.600	177.2	8.49	-0.45	-0.53	0.897		0.804		0.903		-0.003	0.999
6	0.601	177.2	8.49	-0.45	-0.35	0.884		0.780		0.891		-0.011	0.997
7	0.601	177.2	8.49	-0.45	-0.20	0.873		0.761		0.880		-0.005	0.999
8	0.601	177.2	8.49	-0.45	-0.02	0.872		0.759		0.879		-0.002	0.999
9	0.601	177.2	8.49	-0.45	0.15	0.863		0.743		0.871		-0.009	0.998
10	0.601	177.2	8.49	-0.45	0.31	0.875		0.766		0.882		-0.001	1.000
11	0.601	177.2	8.49	-0.45	0.48	0.889		0.789		0.895		-0.007	0.998
12	0.601	177.2	8.49	-0.45	0.65	0.903		0.816		0.909		0.003	1.001
13	0.601	177.2	8.49	-0.45	0.98	0.949		0.901		0.952		0.002	1.000
14	0.602	177.8	8.49	-0.45	1.18	0.966		0.935		0.968		0.007	1.002
15	0.601	177.2	8.49	-0.45	1.48	0.982		0.969		0.983		0.019	1.005
16	0.602	177.8	8.49	-0.45	1.98	0.984		0.974		0.985		0.021	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
287	571	1	66	5	0.251	1.517	1893	80.2	1811	68.4	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	80.2	10.88	0.41	-2.05	0.994	0.000	0.988	0.000	0.994	0.000	-0.013	0.999
2	0.250	79.5	10.88	0.41	-1.54	0.984	0.000	0.967	0.000	0.984	0.000	-0.015	0.999
3	0.250	79.5	10.88	0.41	-1.04	0.979	0.000	0.957	0.000	0.979	0.000	-0.024	0.999
4	0.249	78.8	10.88	0.41	-0.70	0.953	0.000	0.907	0.000	0.954	0.000	-0.039	0.998
5	0.250	79.5	10.88	0.41	-0.54	0.940	0.000	0.882	0.000	0.941	0.000	-0.030	0.999
6	0.250	79.5	10.88	0.41	-0.36	0.906	0.000	0.820	0.000	0.907	0.000	-0.019	0.999
7	0.250	79.5	10.88	0.41	-0.20	0.926	0.000	0.856	0.000	0.927	0.000	-0.021	0.999
8	0.250	79.5	10.88	0.41	-0.04	0.927	0.000	0.858	0.000	0.928	0.000	-0.021	0.999
9	0.250	79.5	10.88	0.41	0.12	0.951	0.000	0.903	0.000	0.951	0.000	-0.021	0.999
10	0.249	78.8	10.88	0.41	0.29	0.924	0.000	0.853	0.000	0.925	0.000	-0.030	0.999
11	0.249	78.8	10.88	0.41	0.46	0.927	0.000	0.859	0.000	0.928	0.000	-0.030	0.999
12	0.249	78.8	10.88	0.41	0.63	0.935	0.000	0.872	0.000	0.935	0.000	-0.030	0.999
13	0.249	78.8	10.88	0.41	0.96	0.983	0.000	0.965	0.000	0.983	0.000	-0.028	0.999
14	0.250	79.5	10.88	0.41	1.17	0.971	0.000	0.943	0.000	0.972	0.000	-0.021	0.999
15	0.250	79.5	10.88	0.41	1.46	0.975	0.000	0.950	0.000	0.975	0.000	-0.022	0.999
16	0.249	78.8	10.88	0.41	1.96	0.997	0.000	0.993	0.000	0.997	0.000	-0.021	0.999

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
288	571	1	66	5	0.250	1.511	1892	79.5	1811	68.1	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	79.5	10.88	-0.03	-2.04	0.941	0.000	0.884	0.000	0.941	0.000	-0.022	0.999
2	0.250	79.5	10.88	-0.03	-1.55	0.945	0.000	0.893	0.000	0.946	0.000	-0.022	0.999
3	0.250	79.5	10.88	-0.03	-1.04	0.941	0.000	0.884	0.000	0.941	0.000	-0.022	0.999
4	0.250	79.5	10.88	-0.03	-0.71	0.915	0.000	0.836	0.000	0.916	0.000	-0.030	0.999
5	0.250	79.5	10.88	-0.03	-0.54	0.913	0.000	0.832	0.000	0.914	0.000	-0.030	0.999
6	0.250	79.5	10.88	-0.03	-0.38	0.901	0.000	0.811	0.000	0.902	0.000	-0.030	0.999
7	0.249	78.8	10.88	-0.03	-0.20	0.892	0.000	0.794	0.000	0.893	0.000	-0.030	0.999
8	0.249	78.8	10.88	-0.03	-0.03	0.890	0.000	0.790	0.000	0.891	0.000	-0.030	0.999
9	0.249	78.8	10.88	-0.03	0.13	0.902	0.000	0.813	0.000	0.903	0.000	-0.030	0.999
10	0.249	78.8	10.88	-0.03	0.29	0.898	0.000	0.806	0.000	0.899	0.000	-0.030	0.999
11	0.249	78.8	10.88	-0.03	0.46	0.925	0.000	0.853	0.000	0.925	0.000	-0.039	0.998
12	0.250	79.5	10.88	-0.03	0.63	0.913	0.000	0.834	0.000	0.914	0.000	-0.014	0.999
13	0.249	78.8	10.88	-0.03	0.97	0.956	0.000	0.913	0.000	0.956	0.000	-0.021	0.999
14	0.248	78.1	10.88	-0.03	1.16	0.945	0.000	0.892	0.000	0.946	0.000	-0.025	0.999
15	0.248	78.1	10.88	-0.03	1.47	0.990	0.000	0.979	0.000	0.990	0.000	-0.026	0.999
16	0.249	78.8	10.88	-0.03	1.96	0.991	0.000	0.981	0.000	0.991	0.000	-0.017	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
289	571	1	66	5	0.250	1.512	1892	79.5	1811	68.0	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	79.5	10.88	-0.38	-2.04	0.992	0.000	0.982	0.000	0.992	0.000	-0.017	0.999
2	0.250	79.5	10.88	-0.38	-1.54	0.986	0.000	0.972	0.000	0.986	0.000	-0.019	0.999
3	0.250	79.5	10.88	-0.38	-1.05	0.974	0.000	0.948	0.000	0.975	0.000	-0.030	0.999
4	0.250	79.5	10.88	-0.38	-0.71	0.920	0.000	0.846	0.000	0.921	0.000	-0.030	0.999
5	0.250	79.5	10.88	-0.38	-0.54	0.912	0.000	0.830	0.000	0.913	0.000	-0.030	0.999
6	0.250	79.5	10.88	-0.38	-0.38	0.897	0.000	0.804	0.000	0.898	0.000	-0.021	0.999
7	0.250	79.5	10.88	-0.38	-0.21	0.916	0.000	0.839	0.000	0.917	0.000	-0.021	0.999
8	0.250	79.5	10.88	-0.38	-0.04	0.914	0.000	0.834	0.000	0.915	0.000	-0.021	0.999
9	0.250	79.5	10.88	-0.38	0.13	0.917	0.000	0.839	0.000	0.917	0.000	-0.030	0.999
10	0.250	79.5	10.88	-0.38	0.30	0.888	0.000	0.787	0.000	0.889	0.000	-0.030	0.999
11	0.250	79.5	10.88	-0.38	0.46	0.900	0.000	0.810	0.000	0.901	0.000	-0.030	0.999
12	0.250	79.5	10.88	-0.38	0.64	0.921	0.000	0.848	0.000	0.922	0.000	-0.030	0.999
13	0.250	79.5	10.88	-0.38	0.96	0.950	0.000	0.901	0.000	0.951	0.000	-0.030	0.999
14	0.250	79.5	10.88	-0.38	1.16	0.966	0.000	0.932	0.000	0.966	0.000	-0.022	0.999
15	0.250	79.5	10.88	-0.38	1.46	0.983	0.000	0.965	0.000	0.983	0.000	-0.019	0.999
16	0.250	79.5	10.88	-0.38	1.97	0.988	0.000	0.976	0.000	0.988	0.000	-0.006	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
290	571	1	66	5	0.249	1.506	1891	78.8	1811	67.9	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	10.88	-0.48	-2.04	0.989	0.000	0.977	0.000	0.989	0.000	-0.006	1.000
2	0.249	78.8	10.88	-0.48	-1.54	0.994	0.000	0.988	0.000	0.994	0.000	-0.023	0.999
3	0.249	78.8	10.88	-0.48	-1.05	0.967	0.000	0.934	0.000	0.967	0.000	-0.023	0.999
4	0.249	78.8	10.88	-0.48	-0.71	0.934	0.000	0.871	0.000	0.934	0.000	-0.028	0.999
5	0.249	78.8	10.88	-0.48	-0.54	0.923	0.000	0.852	0.000	0.924	0.000	-0.030	0.999
6	0.249	78.8	10.88	-0.48	-0.37	0.916	0.000	0.838	0.000	0.917	0.000	-0.030	0.999
7	0.249	78.8	10.88	-0.48	-0.21	0.925	0.000	0.855	0.000	0.926	0.000	-0.030	0.999
8	0.249	78.8	10.88	-0.48	-0.03	0.908	0.000	0.824	0.000	0.909	0.000	-0.030	0.999
9	0.249	78.8	10.88	-0.48	0.12	0.905	0.000	0.818	0.000	0.906	0.000	-0.030	0.999
10	0.250	79.5	10.88	-0.48	0.29	0.930	0.000	0.865	0.000	0.931	0.000	-0.021	0.999
11	0.250	79.5	10.88	-0.48	0.48	0.917	0.000	0.841	0.000	0.918	0.000	-0.021	0.999
12	0.250	79.5	10.88	-0.48	0.63	0.902	0.000	0.813	0.000	0.903	0.000	-0.017	0.999
13	0.250	79.5	10.88	-0.48	0.97	0.957	0.000	0.915	0.000	0.958	0.000	-0.030	0.999
14	0.250	79.5	10.88	-0.48	1.16	0.967	0.000	0.934	0.000	0.968	0.000	-0.030	0.999
15	0.250	79.5	10.88	-0.48	1.47	0.979	0.000	0.957	0.000	0.979	0.000	-0.024	0.999
16	0.250	79.5	10.88	-0.48	1.97	0.990	0.000	0.979	0.000	0.990	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
291	571	1	66	5	0.250	1.512	1892	79.5	1811	67.8	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	79.5	8.49	0.43	-2.03	0.990	0.000	0.979	0.000	0.990	0.000	-0.017	0.999
2	0.249	78.8	8.49	0.43	-1.53	0.993	0.000	0.986	0.000	0.993	0.000	-0.017	0.999
3	0.250	79.5	8.49	0.43	-1.03	0.984	0.000	0.967	0.000	0.984	0.000	-0.024	0.999
4	0.250	79.5	8.49	0.43	-0.68	0.918	0.000	0.841	0.000	0.918	0.000	-0.030	0.999
5	0.250	79.5	8.49	0.43	-0.52	0.933	0.000	0.870	0.000	0.934	0.000	-0.030	0.999
6	0.250	79.5	8.49	0.43	-0.36	0.939	0.000	0.881	0.000	0.940	0.000	-0.030	0.999
7	0.250	79.5	8.49	0.43	-0.15	0.901	0.000	0.811	0.000	0.902	0.000	-0.030	0.999
8	0.250	79.5	8.49	0.43	-0.02	0.912	0.000	0.830	0.000	0.913	0.000	-0.021	0.999
9	0.250	79.5	8.49	0.43	0.14	0.900	0.000	0.810	0.000	0.901	0.000	-0.021	0.999
10	0.250	79.5	8.49	0.43	0.31	0.912	0.000	0.830	0.000	0.913	0.000	-0.030	0.999
11	0.250	79.5	8.49	0.43	0.49	0.928	0.000	0.860	0.000	0.929	0.000	-0.021	0.999
12	0.250	79.5	8.49	0.43	0.65	0.932	0.000	0.868	0.000	0.933	0.000	-0.021	0.999
13	0.250	79.5	8.49	0.43	0.98	0.968	0.000	0.936	0.000	0.968	0.000	-0.015	0.999
14	0.250	79.5	8.49	0.43	1.18	0.964	0.000	0.929	0.000	0.965	0.000	-0.014	0.999
15	0.250	79.5	8.49	0.43	1.48	0.991	0.000	0.981	0.000	0.991	0.000	-0.019	0.999
16	0.250	79.5	8.49	0.43	1.98	0.993	0.000	0.986	0.000	0.994	0.000	-0.024	0.999

ORIGINAL PAGE IS
OF POOR QUALITY

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
292	571	1	66	5	0.250	1.513	1892	79.5	1811	67.8	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	79.5	8.49	-0.01	-2.03	0.926	0.000	0.856	0.000	0.927	0.000	-0.017	0.999
2	0.250	79.5	8.49	-0.01	-1.53	0.944	0.000	0.891	0.000	0.945	0.000	-0.021	0.999
3	0.250	79.5	8.49	-0.01	-1.03	0.936	0.000	0.875	0.000	0.937	0.000	-0.022	0.999
4	0.250	79.5	8.49	-0.01	-0.69	0.888	0.000	0.787	0.000	0.889	0.000	-0.030	0.999
5	0.250	79.5	8.49	-0.01	-0.53	0.882	0.000	0.777	0.000	0.883	0.000	-0.030	0.999
6	0.250	79.5	8.49	-0.01	-0.36	0.862	0.000	0.742	0.000	0.863	0.000	-0.030	0.999
7	0.250	79.5	8.49	-0.01	-0.19	0.873	0.000	0.761	0.000	0.874	0.000	-0.030	0.999
8	0.250	79.5	8.49	-0.01	-0.01	0.885	0.000	0.782	0.000	0.886	0.000	-0.030	0.999
9	0.249	78.8	8.49	-0.01	0.14	0.872	0.000	0.759	0.000	0.873	0.000	-0.030	0.999
10	0.249	78.8	8.49	-0.01	0.32	0.865	0.000	0.747	0.000	0.866	0.000	-0.030	0.999
11	0.249	78.8	8.49	-0.01	0.47	0.898	0.000	0.806	0.000	0.899	0.000	-0.030	0.999
12	0.249	78.8	8.49	-0.01	0.65	0.911	0.000	0.829	0.000	0.912	0.000	-0.030	0.999
13	0.249	78.8	8.49	-0.01	0.98	0.943	0.000	0.888	0.000	0.944	0.000	-0.024	0.999
14	0.249	78.8	8.49	-0.01	1.17	0.979	0.000	0.958	0.000	0.980	0.000	-0.028	0.999
15	0.249	78.8	8.49	-0.01	1.48	0.987	0.000	0.974	0.000	0.987	0.000	-0.028	0.999
16	0.249	78.8	8.49	-0.01	1.98	0.957	0.000	0.993	0.000	0.997	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
293	571	1	66	5	0.249	1.506	1891	78.8	1811	67.7	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	8.49	-0.36	-2.03	0.994	0.000	0.987	0.000	0.994	0.000	-0.026	0.999
2	0.250	79.5	8.49	-0.36	-1.52	0.980	0.000	0.960	0.000	0.980	0.000	-0.017	0.999
3	0.250	79.5	8.49	-0.36	-1.02	0.971	0.000	0.941	0.000	0.971	0.000	-0.024	0.999
4	0.249	78.8	8.49	-0.36	-0.70	0.937	0.000	0.878	0.000	0.938	0.000	-0.026	0.999
5	0.249	78.8	8.49	-0.36	-0.52	0.904	0.000	0.817	0.000	0.905	0.000	-0.030	0.999
6	0.249	78.8	8.49	-0.36	-0.36	0.898	0.000	0.806	0.000	0.899	0.000	-0.030	0.999
7	0.249	78.8	8.49	-0.36	-0.19	0.900	0.000	0.810	0.000	0.901	0.000	-0.032	0.999
8	0.249	78.8	8.49	-0.36	-0.03	0.881	0.000	0.776	0.000	0.883	0.000	-0.021	0.999
9	0.249	78.8	8.49	-0.36	0.15	0.878	0.000	0.769	0.000	0.879	0.000	-0.021	0.999
10	0.250	79.5	8.49	-0.36	0.31	0.878	0.000	0.770	0.000	0.879	0.000	-0.021	0.999
11	0.250	79.5	8.49	-0.36	0.48	0.901	0.000	0.811	0.000	0.902	0.000	-0.021	0.999
12	0.250	79.5	8.49	-0.36	0.64	0.916	0.000	0.839	0.000	0.917	0.000	-0.021	0.999
13	0.250	79.5	8.49	-0.36	0.98	0.960	0.000	0.920	0.000	0.960	0.000	-0.021	0.999
14	0.250	79.5	8.49	-0.36	1.18	0.984	0.000	0.967	0.000	0.984	0.000	-0.019	0.999
15	0.250	79.5	8.49	-0.36	1.49	0.985	0.000	0.970	0.000	0.985	0.000	-0.008	1.000
16	0.249	78.8	8.49	-0.36	1.98	0.993	0.000	0.986	0.000	0.993	0.000	-0.017	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
294	571	1	66	5	0.249	1.507	1892	78.8	1812	67.6	10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	78.8	8.49	-0.45	-2.03	0.993	0.000	0.986	0.000	0.993	0.000	-0.015	0.999
2	0.250	79.5	8.49	-0.45	-1.53	0.990	0.000	0.979	0.000	0.990	0.000	-0.019	0.999
3	0.250	79.5	8.49	-0.45	-1.03	0.987	0.000	0.974	0.000	0.988	0.000	-0.024	0.999
4	0.250	79.5	8.49	-0.45	-0.69	0.921	0.000	0.848	0.000	0.922	0.000	-0.030	0.999
5	0.250	79.5	8.49	-0.45	-0.52	0.901	0.000	0.811	0.000	0.902	0.000	-0.021	0.999
6	0.250	79.5	8.49	-0.45	-0.35	0.890	0.000	0.792	0.000	0.892	0.000	-0.021	0.999
7	0.251	80.2	8.49	-0.45	-0.18	0.879	0.000	0.772	0.000	0.880	0.000	-0.021	0.999
8	0.251	80.2	8.49	-0.45	-0.02	0.892	0.000	0.794	0.000	0.893	0.000	-0.022	0.999
9	0.251	80.2	8.49	-0.45	0.14	0.886	0.000	0.784	0.000	0.887	0.000	-0.021	0.999
10	0.250	79.5	8.49	-0.45	0.31	0.888	0.000	0.787	0.000	0.889	0.000	-0.021	0.999
11	0.251	80.2	8.49	-0.45	0.48	0.907	0.000	0.821	0.000	0.908	0.000	-0.021	0.999
12	0.250	79.5	8.49	-0.45	0.65	0.932	0.000	0.868	0.000	0.933	0.000	-0.021	0.999
13	0.251	80.2	8.49	-0.45	0.98	0.961	0.000	0.923	0.000	0.961	0.000	-0.021	0.999
14	0.250	79.5	8.49	-0.45	1.18	0.980	0.000	0.960	0.000	0.980	0.000	-0.019	0.999
15	0.250	79.5	8.49	-0.45	1.48	0.991	0.000	0.982	0.000	0.992	0.000	-0.014	0.999
16	0.251	80.2	8.49	-0.45	1.98	0.987	0.000	0.974	0.000	0.987	0.000	-0.003	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
295	571	1	66	5	0.954	1.483	686	243.4	382	68.1	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.954	243.4	10.88	0.41	-2.04	0.965		0.961		0.971		0.049	1.031
3	0.954	243.4	10.88	0.41	-1.53	0.966		0.959		0.971		0.043	1.027
4	0.952	242.9	10.88	0.41	-1.05	0.955		0.935		0.962		0.038	1.024
5	0.950	242.4	10.88	0.41	-0.70	0.908		0.836		0.921		0.021	1.013
6	0.950	242.4	10.88	0.41	-0.54	0.903		0.823		0.916		0.016	1.010
7	0.948	241.0	10.88	0.41	-0.38	0.901		0.816		0.914		0.010	1.006
8	0.950	241.9	10.88	0.41	-0.21	0.882		0.782		0.898		0.007	1.005
9	0.950	241.9	10.88	0.41	-0.03	0.871		0.761		0.888		0.003	1.002
10	0.950	241.9	10.88	0.41	0.13	0.874		0.761		0.890		-0.006	0.997
11	0.950	241.9	10.88	0.41	0.29	0.859		0.736		0.877		-0.006	0.996
12	0.950	241.9	10.88	0.41	0.47	0.877		0.769		0.893		0.000	1.000
13	0.950	241.9	10.88	0.41	0.63	0.894		0.799		0.908		0.000	1.000
14	0.950	241.9	10.88	0.41	0.97	0.942		0.897		0.951		0.015	1.009
15	0.950	241.9	10.88	0.41	1.17	0.969		0.954		0.973		0.027	1.017
16	0.950	241.9	10.88	0.41	1.48	0.973		0.969		0.977		0.039	1.025
17	0.949	241.4	10.88	0.41	1.97	0.966		0.965		0.971		0.054	1.034

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
296	571	1	66	5	0.953	1.476	685	242.9	382	69.6	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.953	242.9	10.88	-0.03	-2.04	0.892		0.815		0.907		0.036	1.023
2	0.953	242.9	10.88	-0.03	-1.55	0.927		0.878		0.937		0.036	1.023
3	0.951	242.4	10.88	-0.03	-1.04	0.923		0.863		0.934		0.021	1.013
4	0.951	242.4	10.88	-0.03	-0.71	0.879		0.780		0.895		0.013	1.008
5	0.950	241.9	10.88	-0.03	-0.54	0.858		0.741		0.876		0.010	1.006
6	0.950	241.9	10.88	-0.03	-0.37	0.838		0.705		0.858		0.005	1.003
7	0.948	241.5	10.88	-0.03	-0.20	0.826		0.684		0.846		0.005	1.003
8	0.949	242.0	10.88	-0.03	-0.04	0.826		0.681		0.847		-0.002	0.999
9	0.949	242.0	10.88	-0.03	0.13	0.831		0.686		0.851		-0.009	0.994
10	0.949	242.0	10.88	-0.03	0.30	0.836		0.698		0.856		-0.001	0.999
11	0.949	242.0	10.88	-0.03	0.46	0.845		0.715		0.864		0.003	1.002
12	0.949	242.0	10.88	-0.03	0.63	0.860		0.745		0.877		0.012	1.008
13	0.946	241.1	10.88	-0.03	0.96	0.915		0.850		0.927		0.024	1.015
14	0.947	241.6	10.88	-0.03	1.16	0.947		0.912		0.954		0.028	1.018
15	0.947	241.6	10.87	-0.03	1.46	0.974		0.971		0.978		0.038	1.024
16	0.948	241.5	10.88	-0.03	1.96	0.971		0.971		0.975		0.048	1.030

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
297	571	1	66	5	0.955	1.473	685	243.4	381	70.7	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.955	243.4	10.87	-0.38	-2.04	0.960		0.944		0.966		0.039	1.025
2	0.955	243.4	10.87	-0.38	-1.54	0.967		0.956		0.972		0.033	1.021
3	0.949	244.2	10.87	-0.38	-1.04	0.959		0.933		0.965		0.022	1.014
4	0.950	244.7	10.87	-0.38	-0.71	0.905		0.824		0.918		0.010	1.006
5	0.950	244.7	10.87	-0.38	-0.53	0.874		0.765		0.891		0.001	1.001
6	0.950	244.7	10.87	-0.38	-0.38	0.853		0.727		0.872		-0.001	0.999
7	0.950	244.7	10.87	-0.38	-0.20	0.845		0.712		0.864		-0.004	0.997
8	0.950	244.7	10.87	-0.38	-0.04	0.837		0.695		0.857		-0.012	0.992
9	0.950	244.7	10.87	-0.38	0.13	0.843		0.705		0.863		-0.013	0.992
10	0.951	244.6	10.87	-0.38	0.30	0.841		0.703		0.861		-0.010	0.994
11	0.950	244.1	10.87	-0.38	0.47	0.856		0.732		0.874		-0.003	0.998
12	0.950	244.1	10.87	-0.38	0.63	0.878		0.774		0.894		0.006	1.004
13	0.949	243.7	10.87	-0.38	0.96	0.931		0.877		0.940		0.020	1.013
14	0.949	243.7	10.87	-0.38	1.16	0.962		0.941		0.967		0.028	1.018
15	0.951	244.6	10.87	-0.38	1.47	0.964		0.955		0.969		0.045	1.028
16	0.951	244.6	10.87	-0.38	1.96	0.968		0.970		0.973		0.055	1.035

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
298	571	1	66	5	0.952	1.483	692	245.1	386	71.6	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	245.1	10.87	-0.48	-2.04	0.970		0.963		0.975		0.036	1.023
2	0.952	245.1	10.87	-0.48	-1.54	0.973		0.966		0.977		0.031	1.019
3	0.954	245.7	10.87	-0.48	-1.04	0.959		0.931		0.965		0.019	1.012
4	0.954	245.7	10.87	-0.48	-0.71	0.904		0.820		0.917		0.007	1.005
5	0.954	245.7	10.87	-0.48	-0.54	0.886		0.790		0.901		0.010	1.006
6	0.954	245.7	10.87	-0.48	-0.38	0.875		0.766		0.891		0.002	1.001
7	0.954	245.7	10.87	-0.48	-0.20	0.868		0.751		0.885		-0.004	0.998
8	0.954	245.7	10.87	-0.48	-0.04	0.857		0.733		0.875		-0.004	0.998
9	0.954	245.7	10.87	-0.48	0.12	0.859		0.736		0.876		-0.002	0.999
10	0.954	245.7	10.87	-0.48	0.28	0.860		0.741		0.878		0.002	1.001
11	0.954	245.7	10.87	-0.48	0.46	0.869		0.757		0.886		0.005	1.003
12	0.952	245.1	10.87	-0.48	0.63	0.897		0.809		0.911		0.006	1.004
13	0.954	245.7	10.87	-0.48	0.96	0.946		0.904		0.954		0.016	1.010
14	0.952	245.1	10.87	-0.48	1.16	0.954		0.930		0.961		0.033	1.021
15	0.951	244.6	10.87	-0.48	1.46	0.964		0.956		0.969		0.045	1.028
16	0.949	244.2	10.87	-0.48	1.97	0.968		0.969		0.973		0.053	1.034

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
299	571	1	66	5	0.954	1.481	692	245.7	385	72.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	245.7	8.48	0.43	-2.03	0.977		0.971		0.980		0.028	1.018
2	0.954	245.7	8.49	0.43	-1.52	0.975		0.967		0.979		0.027	1.017
3	0.956	246.2	8.48	0.43	-1.03	0.971		0.955		0.975		0.020	1.013
4	0.956	246.2	8.48	0.43	-0.69	0.915		0.840		0.926		0.007	1.004
5	0.954	245.7	8.48	0.43	-0.52	0.914		0.835		0.926		-0.001	0.999
6	0.953	245.1	8.48	0.43	-0.34	0.895		0.798		0.909		-0.007	0.996
7	0.953	245.1	8.48	0.43	-0.19	0.882		0.773		0.897		-0.010	0.994
8	0.953	245.1	8.48	0.43	-0.02	0.867		0.746		0.884		-0.010	0.993
9	0.952	245.1	8.48	0.43	0.14	0.852		0.719		0.870		-0.013	0.992
10	0.954	245.7	8.48	0.43	0.31	0.856		0.728		0.874		-0.011	0.993
11	0.952	245.2	8.48	0.43	0.48	0.867		0.746		0.884		-0.010	0.994
12	0.952	245.2	8.48	0.43	0.66	0.899		0.806		0.912		-0.003	0.998
13	0.952	245.2	8.48	0.43	0.97	0.958		0.923		0.964		0.009	1.006
14	0.949	244.2	8.48	0.43	1.18	0.977		0.965		0.980		0.019	1.012
15	0.949	244.2	8.48	0.43	1.48	0.976		0.974		0.980		0.033	1.021
16	0.950	244.7	8.48	0.43	1.98	0.971		0.971		0.976		0.047	1.029

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
300	571	1	66	5	0.956	1.482	693	246.2	385	72.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	CF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.956	246.2	8.48	-0.01	-2.02	0.898		0.814		0.912		0.014	1.009
2	0.954	245.7	8.48	-0.01	-1.53	0.932		0.874		0.942		0.011	1.007
3	0.955	245.6	8.49	-0.01	-1.02	0.930		0.866		0.940		0.002	1.001
4	0.955	245.6	8.48	-0.01	-0.69	0.902		0.808		0.915		-0.009	0.994
5	0.953	245.1	8.48	-0.01	-0.52	0.869		0.750		0.886		-0.010	0.994
6	0.954	245.7	8.48	-0.01	-0.36	0.827		0.679		0.848		-0.012	0.992
7	0.956	246.2	8.48	-0.01	-0.19	0.797		0.629		0.820		-0.016	0.990
8	0.956	246.2	8.48	-0.01	-0.03	0.782		0.604		0.806		-0.018	0.989
9	0.954	245.7	8.48	-0.01	0.15	0.788		0.617		0.812		-0.012	0.992
10	0.952	245.1	8.48	-0.01	0.30	0.789		0.615		0.813		-0.018	0.988
11	0.952	245.1	8.48	-0.01	0.48	0.807		0.643		0.829		-0.018	0.988
12	0.951	244.6	8.48	-0.01	0.64	0.839		0.701		0.858		-0.005	0.997
13	0.951	244.6	8.48	-0.01	0.99	0.927		0.867		0.937		0.014	1.009
14	0.951	244.6	8.48	-0.01	1.17	0.952		0.924		0.959		0.029	1.018
15	0.949	244.2	8.48	-0.01	1.48	0.967		0.960		0.972		0.043	1.027
16	0.948	244.3	8.48	-0.01	1.99	0.973		0.973		0.977		0.045	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
301	571	1	66	5	0.954	1.478	692	245.7	385	73.3	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	CF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.954	245.7	8.48	-0.36	-2.02	0.960		0.945		0.966		0.039	1.025
2	0.954	245.7	8.48	-0.36	-1.52	0.973		0.964		0.977		0.029	1.018
3	0.954	245.7	8.48	-0.36	-1.02	0.972		0.950		0.976		0.008	1.005
4	0.954	246.8	8.48	-0.36	-0.69	0.922		0.852		0.933		0.003	1.002
5	0.953	246.8	8.48	-0.36	-0.52	0.869		0.754		0.886		-0.004	0.998
6	0.952	246.3	8.48	-0.36	-0.36	0.840		0.701		0.859		-0.010	0.994
7	0.950	245.8	8.48	-0.36	-0.19	0.817		0.662		0.838		-0.011	0.993
8	0.950	245.8	8.48	-0.36	-0.02	0.806		0.643		0.829		-0.017	0.989
9	0.951	246.3	8.48	-0.36	0.15	0.811		0.650		0.833		-0.018	0.989
10	0.949	245.8	8.48	-0.36	0.32	0.818		0.663		0.840		-0.016	0.990
11	0.949	245.4	8.48	-0.36	0.47	0.837		0.697		0.857		-0.010	0.994
12	0.949	245.4	8.48	-0.36	0.65	0.879		0.773		0.895		-0.000	1.000
13	0.949	245.4	8.48	-0.36	0.97	0.939		0.892		0.948		0.017	1.010
14	0.948	245.4	8.48	-0.36	1.18	0.970		0.957		0.975		0.026	1.016
15	0.948	245.4	8.48	-0.36	1.49	0.972		0.966		0.976		0.037	1.023
16	0.947	245.0	8.48	-0.36	1.98	0.976		0.978		0.980		0.042	1.027

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
302	571	1	66	5	0.953	1.482	695	246.3	387	73.6	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.953	246.3	8.48	-0.45	-2.03	0.970		0.961		0.974		0.033	1.021
2	0.954	246.8	8.48	-0.45	-1.52	0.975		0.969		0.978		0.031	1.020
3	0.954	246.8	8.48	-0.45	-1.03	0.971		0.953		0.975		0.016	1.010
4	0.954	246.8	8.48	-0.45	-0.68	0.911		0.831		0.923		0.002	1.001
5	0.954	246.8	8.48	-0.45	-0.52	0.881		0.774		0.897		-0.005	0.997
6	0.953	246.8	8.48	-0.45	-0.36	0.859		0.733		0.877		-0.011	0.993
7	0.953	246.8	8.48	-0.45	-0.18	0.845		0.707		0.864		-0.015	0.990
8	0.952	246.3	8.48	-0.45	-0.03	0.825		0.671		0.846		-0.021	0.986
9	0.953	246.8	8.48	-0.45	0.13	0.824		0.672		0.845		-0.018	0.988
10	0.953	246.8	8.48	-0.45	0.31	0.842		0.701		0.862		-0.018	0.988
11	0.953	246.8	8.48	-0.45	0.48	0.862		0.735		0.879		-0.015	0.990
12	0.952	246.3	8.48	-0.45	0.64	0.886		0.783		0.901		-0.003	0.998
13	0.950	245.8	8.48	-0.45	0.98	0.950		0.907		0.957		0.009	1.006
14	0.950	245.8	8.48	-0.45	1.18	0.969		0.954		0.973		0.026	1.017
15	0.950	245.8	8.48	-0.45	1.49	0.970		0.965		0.975		0.039	1.025
16	0.949	245.4	8.48	-0.45	1.99	0.973		0.974		0.977		0.045	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
303	571	1	66	5	0.900	1.482	709	237.8	419	73.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.900	237.8	10.87	-0.03	-2.04	0.929		0.885		0.938		0.043	1.024
2	0.900	237.8	10.87	-0.03	-1.55	0.936		0.895		0.945		0.036	1.020
3	0.900	237.8	10.87	-0.03	-1.04	0.922		0.862		0.932		0.023	1.013
4	0.901	238.3	10.87	-0.03	-0.71	0.885		0.785		0.898		0.005	1.003
5	0.902	238.7	10.87	-0.03	-0.54	0.860		0.744		0.876		0.013	1.007
6	0.902	238.7	10.87	-0.03	-0.37	0.842		0.712		0.860		0.007	1.004
7	0.902	238.7	10.87	-0.03	-0.20	0.833		0.694		0.851		0.002	1.001
8	0.901	238.2	10.87	-0.03	-0.03	0.826		0.685		0.845		0.007	1.004
9	0.901	238.2	10.87	-0.03	0.13	0.839		0.708		0.857		0.008	1.005
10	0.901	238.2	10.87	-0.03	0.30	0.836		0.703		0.854		0.013	1.007
11	0.901	238.2	10.87	-0.03	0.46	0.857		0.740		0.873		0.015	1.008
12	0.899	237.3	10.87	-0.03	0.62	0.871		0.771		0.886		0.030	1.017
13	0.898	236.9	10.87	-0.03	0.97	0.916		0.857		0.927		0.036	1.020
14	0.896	236.5	10.87	-0.03	1.16	0.946		0.914		0.953		0.038	1.022
15	0.896	236.5	10.87	-0.03	1.46	0.964		0.953		0.968		0.047	1.027
16	0.896	236.5	10.88	-0.03	1.96	0.970		0.964		0.974		0.046	1.026

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
304	571	1	66		5 0.904	1.482	709	238.5	417	74.0	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.904	238.5	8.49	-0.01	-2.03	0.930		0.879		0.939		0.030	1.017
2	0.904	238.5	8.49	-0.01	-1.52	0.933		0.885		0.941		0.030	1.017
3	0.904	239.0	8.49	-0.01	-1.01	0.924		0.864		0.933		0.023	1.013
4	0.904	239.0	8.49	-0.01	-0.69	0.878		0.775		0.893		0.009	1.005
5	0.903	238.6	8.49	-0.01	-0.53	0.847		0.720		0.864		0.005	1.003
6	0.903	238.6	8.49	-0.01	-0.35	0.816		0.668		0.835		0.009	1.005
7	0.901	238.2	8.49	-0.01	-0.19	0.799		0.640		0.820		0.006	1.004
8	0.900	237.8	8.49	-0.01	-0.01	0.814		0.665		0.834		0.006	1.003
9	0.900	237.8	8.49	-0.01	0.15	0.797		0.637		0.813		0.003	1.002
10	0.900	237.8	8.49	-0.01	0.32	0.800		0.640		0.820		0.001	1.001
11	0.899	237.4	8.49	-0.01	0.47	0.825		0.684		0.844		0.009	1.005
12	0.899	237.4	8.49	-0.01	0.65	0.856		0.743		0.873		0.023	1.013
13	0.897	237.0	8.49	-0.01	0.98	0.923		0.866		0.933		0.030	1.017
14	0.897	237.0	8.49	-0.01	1.18	0.956		0.933		0.962		0.036	1.020
15	0.896	236.5	8.49	-0.01	1.48	0.972		0.965		0.976		0.037	1.021
16	0.898	237.4	8.49	-0.01	1.98	0.977		0.971		0.980		0.031	1.017

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
305	571	1	66		5 0.848	1.498	735	231.1	459	73.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.848	231.1	8.49	-0.01	-2.03	0.917		0.848		0.926		0.018	1.009
2	0.849	231.5	8.49	-0.01	-1.52	0.929		0.870		0.937		0.019	1.009
3	0.851	232.4	8.49	-0.01	-1.02	0.922		0.855		0.931		0.010	1.005
4	0.851	232.3	8.49	-0.01	-0.69	0.882		0.779		0.895		0.002	1.001
5	0.852	232.2	8.49	-0.01	-0.52	0.850		0.720		0.866		-0.007	0.996
6	0.852	232.2	8.49	-0.01	-0.37	0.826		0.682		0.843		-0.001	1.000
7	0.851	231.7	8.49	-0.01	-0.18	0.812		0.657		0.830		-0.007	0.996
8	0.851	231.7	8.49	-0.01	-0.02	0.814		0.659		0.831		-0.009	0.996
9	0.852	232.1	8.49	-0.01	0.14	0.819		0.670		0.837		-0.004	0.998
10	0.852	232.1	8.49	-0.01	0.31	0.836		0.696		0.852		-0.007	0.996
11	0.852	232.1	8.49	-0.01	0.47	0.843		0.710		0.859		-0.001	1.000
12	0.853	232.5	8.49	-0.01	0.65	0.874		0.766		0.887		0.005	1.003
13	0.853	232.5	8.49	-0.01	0.98	0.934		0.879		0.942		0.015	1.008
14	0.853	232.5	8.49	-0.01	1.18	0.962		0.937		0.967		0.025	1.013
15	0.851	231.6	8.49	-0.01	1.48	0.972		0.964		0.975		0.039	1.020
16	0.850	231.3	8.49	-0.01	1.98	0.976		0.972		0.979		0.042	1.021

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
306	571	1	66	5	0.851	1.497	734	231.7	457	74.0	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.851	231.7	10.87	-0.03	-2.04	0.921		0.860		0.930		0.027	1.014
2	0.850	231.3	10.87	-0.03	-1.54	0.926		0.870		0.935		0.029	1.014
3	0.848	230.5	10.87	-0.03	-1.04	0.910		0.839		0.920		0.026	1.013
4	0.847	230.6	10.87	-0.03	-0.71	0.877		0.775		0.890		0.015	1.007
5	0.848	231.0	10.87	-0.03	-0.54	0.865		0.752		0.879		0.009	1.005
6	0.848	231.0	10.87	-0.03	-0.38	0.853		0.728		0.868		0.002	1.001
7	0.849	231.5	10.87	-0.03	-0.21	0.853		0.728		0.868		0.000	1.000
8	0.849	231.5	10.87	-0.03	-0.04	0.848		0.722		0.864		0.005	1.002
9	0.849	231.5	10.87	-0.03	0.13	0.869		0.758		0.883		0.006	1.003
10	0.848	231.0	10.87	-0.03	0.29	0.856		0.737		0.871		0.012	1.006
11	0.848	231.0	10.87	-0.03	0.47	0.876		0.771		0.889		0.009	1.005
12	0.848	231.0	10.87	-0.03	0.63	0.886		0.788		0.898		0.011	1.005
13	0.849	231.4	10.87	-0.03	0.97	0.937		0.886		0.945		0.016	1.008
14	0.849	231.4	10.87	-0.03	1.17	0.962		0.933		0.966		0.019	1.009
15	0.851	231.7	10.87	-0.03	1.47	0.974		0.961		0.977		0.027	1.014
16	0.850	231.3	10.87	-0.03	1.97	0.978		0.974		0.981		0.036	1.018

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
307	571	1	66	5	0.796	1.512	764	223.4	503	73.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.796	223.4	10.87	0.41	-2.04	0.985		0.986		0.990		0.018	1.008
2	0.798	223.9	10.87	0.41	-1.54	0.990		0.986		0.991		0.015	1.007
3	0.799	224.4	10.87	0.41	-1.05	0.974		0.955		0.977		0.013	1.006
4	0.799	224.4	10.87	0.41	-0.70	0.925		0.859		0.933		0.008	1.003
5	0.799	224.4	10.87	0.41	-0.55	0.912		0.834		0.921		0.004	1.002
6	0.799	224.4	10.87	0.41	-0.38	0.916		0.840		0.925		0.001	1.000
7	0.801	224.9	10.87	0.41	-0.20	0.904		0.816		0.914		-0.003	0.999
8	0.801	224.9	10.87	0.41	-0.04	0.896		0.803		0.906		0.001	1.001
9	0.801	224.9	10.87	0.41	0.13	0.901		0.812		0.911		0.002	1.001
10	0.801	224.9	10.87	0.41	0.29	0.899		0.810		0.909		0.003	1.001
11	0.801	224.9	10.87	0.41	0.47	0.908		0.826		0.918		0.003	1.001
12	0.802	225.4	10.87	0.41	0.63	0.923		0.852		0.931		0.003	1.001
13	0.803	225.9	10.87	0.41	0.98	0.956		0.919		0.960		0.013	1.006
14	0.802	225.4	10.87	0.41	1.16	0.973		0.953		0.976		0.016	1.007
15	0.802	225.4	10.87	0.41	1.46	0.980		0.973		0.983		0.027	1.012
16	0.801	224.9	10.87	0.41	1.97	0.985		0.980		0.986		0.024	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
308	571	1	66	5	0.799	1.511	767	225.1	504	76.0	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.799	225.1	10.87	-0.03	-2.04	0.897		0.814		0.907		0.027	1.012
3	0.800	225.6	10.88	-0.03	-1.55	0.912		0.840		0.921		0.021	1.009
4	0.800	225.6	10.88	-0.03	-1.04	0.908		0.827		0.917		0.010	1.005
5	0.800	225.6	10.87	-0.03	-0.70	0.892		0.797		0.902		0.005	1.002
6	0.800	225.6	10.87	-0.03	-0.54	0.877		0.768		0.888		-0.002	0.999
7	0.801	226.1	10.87	-0.03	-0.37	0.864		0.745		0.877		-0.004	0.998
8	0.802	226.6	10.87	-0.03	-0.20	0.866		0.748		0.878		-0.004	0.998
9	0.802	226.6	10.88	-0.03	-0.03	0.849		0.721		0.863		-0.001	1.000
10	0.802	226.6	10.88	-0.03	0.13	0.860		0.740		0.873		0.003	1.001
11	0.801	226.1	10.88	-0.03	0.29	0.864		0.750		0.877		0.007	1.003
12	0.801	226.1	10.88	-0.03	0.47	0.867		0.755		0.880		0.007	1.003
13	0.800	225.6	10.88	-0.03	0.63	0.882		0.783		0.894		0.012	1.005
14	0.801	226.1	10.87	-0.03	0.96	0.929		0.869		0.937		0.013	1.006
15	0.801	226.1	10.88	-0.03	1.17	0.951		0.912		0.956		0.020	1.009
16	0.799	225.7	10.88	-0.03	1.46	0.978		0.967		0.981		0.023	1.010
17	0.801	226.1	10.87	-0.03	1.96	0.980		0.972		0.982		0.030	1.013

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
309	571	1	66	5	0.797	1.510	768	224.6	505	76.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.797	224.6	10.87	-0.38	-2.05	0.977		0.968		0.979		0.034	1.015
2	0.798	225.2	10.87	-0.38	-1.54	0.978		0.968		0.981		0.024	1.011
3	0.802	226.7	10.87	-0.38	-1.04	0.958		0.920		0.963		0.003	1.001
4	0.800	225.6	10.87	-0.38	-0.70	0.898		0.807		0.908		0.003	1.001
5	0.799	225.1	10.87	-0.38	-0.54	0.883		0.783		0.894		0.011	1.005
6	0.798	224.6	10.87	-0.38	-0.36	0.868		0.755		0.881		0.002	1.001
7	0.800	225.6	10.87	-0.38	-0.20	0.859		0.740		0.872		0.005	1.002
8	0.800	225.6	10.88	-0.38	-0.04	0.870		0.755		0.882		-0.005	0.998
9	0.800	225.6	10.88	-0.38	0.12	0.865		0.749		0.878		0.001	1.000
10	0.801	226.1	10.88	-0.38	0.30	0.874		0.765		0.886		0.005	1.002
11	0.801	226.1	10.87	-0.38	0.47	0.874		0.770		0.886		0.017	1.008
12	0.801	226.1	10.87	-0.38	0.63	0.906		0.824		0.915		0.010	1.004
13	0.801	226.1	10.87	-0.38	0.96	0.943		0.896		0.949		0.015	1.007
14	0.801	226.1	10.87	-0.38	1.16	0.957		0.924		0.962		0.018	1.008
15	0.800	225.6	10.87	-0.38	1.46	0.979		0.969		0.982		0.023	1.010
16	0.801	226.1	10.87	-0.38	1.96	0.986		0.981		0.987		0.020	1.009

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
310	571	1	66	5	0.799	1.513	769	225.7	505	76.7	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	225.7	10.87	-0.48	-2.04	0.979		0.971		0.981		0.031	1.014
2	0.799	225.7	10.87	-0.48	-1.53	0.981		0.974		0.983		0.026	1.012
3	0.799	225.7	10.87	-0.48	-1.04	0.965		0.935		0.969		0.008	1.003
4	0.802	226.7	10.87	-0.48	-0.71	0.904		0.819		0.914		0.005	1.002
5	0.802	226.7	10.87	-0.48	-0.53	0.886		0.784		0.897		-0.003	0.999
6	0.803	227.2	10.87	-0.48	-0.38	0.882		0.777		0.893		0.000	1.000
7	0.802	226.6	10.87	-0.48	-0.21	0.875		0.767		0.887		0.002	1.001
8	0.802	226.6	10.87	-0.48	-0.04	0.884		0.783		0.895		0.002	1.001
9	0.802	226.6	10.87	-0.48	0.13	0.885		0.783		0.896		0.002	1.001
10	0.803	227.2	10.87	-0.48	0.29	0.880		0.778		0.892		0.008	1.004
11	0.803	227.2	10.87	-0.48	0.46	0.888		0.792		0.899		0.010	1.005
12	0.803	227.2	10.87	-0.48	0.63	0.903		0.822		0.913		0.018	1.008
13	0.801	226.1	10.88	-0.48	0.97	0.945		0.897		0.951		0.009	1.004
14	0.801	226.1	10.88	-0.48	1.17	0.962		0.936		0.966		0.024	1.011
15	0.801	226.1	10.88	-0.48	1.47	0.979		0.970		0.981		0.030	1.013
16	0.800	225.6	10.87	-0.48	1.96	0.976		0.968		0.979		0.038	1.017

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
311	571	1	66	5	0.801	1.513	769	226.1	504	76.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	226.1	8.49	0.43	-2.03	0.986		0.982		0.988		0.021	1.009
2	0.803	227.2	8.49	0.43	-1.53	0.982		0.975		0.984		0.026	1.012
3	0.803	227.2	8.49	0.43	-1.03	0.972		0.955		0.975		0.025	1.011
4	0.803	227.2	8.49	0.43	-0.69	0.918		0.846		0.926		0.010	1.004
5	0.802	226.7	8.49	0.43	-0.53	0.916		0.840		0.925		0.001	1.000
6	0.801	227.3	8.49	0.43	-0.36	0.888		0.795		0.899		0.019	1.009
7	0.800	226.8	8.49	0.43	-0.19	0.882		0.778		0.893		0.002	1.001
8	0.800	226.8	8.48	0.43	-0.02	0.882		0.777		0.894		-0.004	0.998
9	0.800	226.8	8.48	0.43	0.14	0.881		0.774		0.892		-0.004	0.998
10	0.800	226.8	8.48	0.43	0.31	0.876		0.767		0.888		-0.003	0.999
11	0.799	226.3	8.48	0.43	0.48	0.893		0.794		0.903		-0.007	0.997
12	0.798	225.8	8.49	0.43	0.65	0.907		0.826		0.916		0.011	1.005
13	0.798	225.8	8.49	0.43	0.98	0.959		0.926		0.963		0.016	1.007
14	0.799	226.3	8.49	0.43	1.18	0.978		0.963		0.981		0.014	1.006
15	0.800	226.8	8.49	0.43	1.49	0.984		0.977		0.986		0.021	1.009
16	0.801	227.3	8.49	0.43	1.98	0.983		0.979		0.985		0.028	1.012

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
312	571	1	66	5	0.800	1.521	774	227.4	507	77.2	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	227.4	8.49	-0.01	-2.02	0.896		0.810		0.906		0.019	1.008
2	0.800	227.4	8.49	-0.01	-1.53	0.912		0.839		0.922		0.015	1.007
3	0.800	227.4	8.49	-0.01	-1.02	0.909		0.830		0.918		0.010	1.005
4	0.800	227.4	8.49	-0.01	-0.69	0.877		0.769		0.889		0.000	1.000
5	0.800	227.4	8.49	-0.01	-0.53	0.860		0.737		0.873		-0.007	0.997
6	0.800	227.4	8.48	-0.01	-0.36	0.839		0.702		0.854		-0.009	0.996
7	0.800	227.4	8.48	-0.01	-0.19	0.813		0.661		0.829		0.000	1.000
8	0.800	227.4	8.49	-0.01	-0.02	0.827		0.683		0.842		-0.004	0.998
9	0.800	227.4	8.48	-0.01	0.14	0.834		0.696		0.849		-0.001	1.000
10	0.799	226.9	8.48	-0.01	0.32	0.820		0.673		0.835		0.002	1.001
11	0.797	226.4	8.49	-0.01	0.48	0.856		0.732		0.869		-0.002	0.999
12	0.799	226.9	8.49	-0.01	0.65	0.879		0.773		0.891		-0.001	1.000
13	0.799	226.9	8.48	-0.01	0.98	0.943		0.889		0.949		0.001	1.000
14	0.804	228.9	8.48	-0.01	1.17	0.981		0.961		0.983		-0.001	0.999
15	0.805	228.8	8.48	-0.01	1.48	0.986		0.975		0.988		0.007	1.003
16	0.804	227.7	8.48	-0.01	1.98	0.982		0.976		0.984		0.027	1.012

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
313	571	1	66	5	0.801	1.518	772	227.3	506	77.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	227.3	8.48	-0.36	-2.02	0.981		0.974		0.983		0.027	1.012
2	0.800	226.8	8.48	-0.36	-1.52	0.982		0.974		0.984		0.021	1.009
3	0.800	226.8	8.48	-0.36	-1.03	0.960		0.929		0.964		0.018	1.008
4	0.801	227.3	8.48	-0.36	-0.69	0.907		0.824		0.916		0.006	1.003
5	0.801	227.3	8.48	-0.36	-0.52	0.866		0.749		0.879		-0.003	0.998
6	0.801	227.3	8.48	-0.36	-0.36	0.857		0.732		0.870		-0.007	0.997
7	0.801	227.3	8.48	-0.36	-0.19	0.829		0.686		0.844		-0.005	0.998
8	0.801	227.3	8.48	-0.36	-0.03	0.833		0.690		0.848		-0.013	0.994
9	0.800	226.8	8.48	-0.36	0.14	0.843		0.709		0.857		-0.007	0.997
10	0.800	226.8	8.48	-0.36	0.31	0.853		0.727		0.867		-0.003	0.999
11	0.800	226.8	8.49	-0.36	0.48	0.878		0.767		0.890		-0.010	0.996
12	0.801	226.8	8.48	-0.36	0.64	0.895		0.804		0.906		0.005	1.002
13	0.801	226.8	8.48	-0.36	0.98	0.952		0.913		0.957		0.018	1.008
14	0.800	227.4	8.48	-0.36	1.17	0.974		0.958		0.977		0.021	1.010
15	0.798	226.4	8.48	-0.36	1.48	0.985		0.979		0.987		0.021	1.010
16	0.797	225.8	8.48	-0.36	1.98	0.985		0.980		0.987		0.023	1.010

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
314	571	1	66	5	0.799	1.517	773	226.9	507	77.6	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	226.9	8.48	-0.45	-2.03	0.979		0.973		0.981		0.035	1.015
2	0.799	226.9	8.48	-0.45	-1.46	0.980		0.973		0.982		0.030	1.013
3	0.799	226.9	8.48	-0.45	-1.03	0.967		0.941		0.971		0.013	1.006
4	0.799	226.9	8.48	-0.45	-0.69	0.905		0.824		0.915		0.013	1.006
5	0.798	226.4	8.48	-0.45	-0.52	0.870		0.755		0.882		-0.002	0.999
6	0.800	226.8	8.48	-0.45	-0.35	0.851		0.722		0.865		-0.007	0.997
7	0.800	226.8	8.48	-0.45	-0.19	0.851		0.721		0.865		-0.009	0.996
8	0.800	226.8	8.48	-0.45	-0.02	0.854		0.724		0.867		-0.015	0.993
9	0.801	227.3	8.48	-0.45	0.14	0.852		0.723		0.865		-0.007	0.997
10	0.801	227.3	8.48	-0.45	0.31	0.856		0.729		0.869		-0.011	0.995
11	0.803	227.8	8.48	-0.45	0.48	0.884		0.781		0.895		-0.002	0.999
12	0.803	227.8	8.48	-0.45	0.65	0.901		0.811		0.911		-0.001	1.000
13	0.803	227.8	8.48	-0.45	0.98	0.956		0.917		0.961		0.007	1.003
14	0.803	227.8	8.48	-0.45	1.17	0.976		0.958		0.978		0.015	1.007
15	0.802	227.3	8.48	-0.45	1.48	0.983		0.977		0.985		0.026	1.012
16	0.802	227.3	8.48	-0.45	1.98	0.979		0.971		0.981		0.030	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
315	571	1	66	5	0.602	1.521	918	182.4	718	76.5	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	182.4	10.87	0.41	-2.05	0.988		0.980		0.989		0.018	1.004
2	0.602	182.4	10.87	0.41	-1.54	0.984		0.972		0.985		0.018	1.004
3	0.602	182.4	10.87	0.41	-1.04	0.964		0.934		0.966		0.013	1.005
4	0.601	181.8	10.87	0.41	-0.70	0.915		0.840		0.920		0.015	1.004
5	0.600	181.2	10.87	0.41	-0.54	0.920		0.846		0.925		0.002	1.000
6	0.600	181.2	10.87	0.41	-0.37	0.916		0.841		0.921		0.006	1.001
7	0.600	181.2	10.87	0.41	-0.21	0.907		0.824		0.912		0.007	1.002
8	0.600	181.2	10.87	0.41	-0.04	0.908		0.825		0.914		-0.003	0.999
9	0.600	181.2	10.87	0.41	0.13	0.902		0.814		0.907		0.004	1.001
10	0.600	181.2	10.87	0.41	0.29	0.901		0.814		0.906		0.014	1.003
11	0.600	181.2	10.87	0.41	0.46	0.914		0.837		0.920		0.003	1.001
12	0.600	181.2	10.87	0.41	0.64	0.922		0.852		0.926		0.014	1.003
13	0.600	181.2	10.87	0.41	0.96	0.952		0.909		0.955		0.013	1.003
14	0.600	181.2	10.87	0.41	1.16	0.970		0.945		0.972		0.018	1.004
15	0.601	181.8	10.87	0.41	1.46	0.984		0.974		0.985		0.019	1.005
16	0.601	181.8	10.87	0.41	1.97	0.990		0.984		0.991		0.016	1.004

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
316	571	1	66	5	0.601	1.520	918	181.8	719	76.1	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.601	181.8	10.87	-0.03	-2.04	0.921		0.853		0.926		0.018	1.005
2	0.601	181.8	10.87	-0.03	-1.54	0.932		0.872		0.937		0.014	1.003
3	0.601	181.8	10.87	-0.03	-1.05	0.921		0.850		0.926		0.008	1.002
4	0.601	181.8	10.87	-0.03	-0.71	0.892		0.797		0.899		0.003	1.001
5	0.601	181.8	10.87	-0.03	-0.54	0.887		0.788		0.894		0.006	1.002
6	0.601	181.8	10.87	-0.03	-0.38	0.877		0.771		0.884		0.010	1.002
7	0.601	181.8	10.87	-0.03	-0.20	0.882		0.778		0.888		0.003	1.001
8	0.601	181.8	10.87	-0.03	-0.03	0.888		0.787		0.894		-0.003	0.999
9	0.601	181.8	10.87	-0.03	0.14	0.877		0.770		0.884		0.002	1.001
10	0.601	181.8	10.87	-0.03	0.30	0.899		0.810		0.905		0.008	1.002
11	0.601	181.8	10.87	-0.03	0.47	0.902		0.812		0.907		-0.003	0.999
12	0.601	181.8	10.87	-0.03	0.63	0.916		0.839		0.921		0.004	1.001
13	0.601	181.8	10.87	-0.03	0.98	0.949		0.904		0.953		0.010	1.002
14	0.601	181.8	10.87	-0.03	1.16	0.958		0.919		0.960		0.006	1.002
15	0.601	181.8	10.87	-0.03	1.46	0.984		0.972		0.985		0.015	1.004
16	0.601	181.8	10.87	-0.03	1.96	0.989		0.983		0.990		0.022	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
317	571	1	66	5	0.602	1.523	918	182.4	718	76.1	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	182.4	10.87	-0.38	-2.04	0.981		0.971		0.982		0.032	1.008
2	0.601	181.8	10.87	-0.38	-1.54	0.984		0.974		0.985		0.022	1.005
3	0.601	181.8	10.87	-0.38	-1.05	0.958		0.920		0.960		0.014	1.003
4	0.601	181.8	10.87	-0.38	-0.71	0.916		0.841		0.921		0.006	1.002
5	0.601	181.8	10.87	-0.38	-0.54	0.897		0.805		0.903		0.005	1.001
6	0.601	181.8	10.87	-0.38	-0.38	0.897		0.804		0.903		-0.003	0.999
7	0.601	181.8	10.87	-0.38	-0.20	0.886		0.786		0.892		0.006	1.002
8	0.601	181.8	10.87	-0.38	-0.04	0.894		0.800		0.901		-0.002	1.000
9	0.601	181.8	10.87	-0.38	0.13	0.886		0.784		0.893		-0.007	0.998
10	0.601	181.8	10.87	-0.38	0.30	0.896		0.804		0.902		0.002	1.001
11	0.601	181.8	10.87	-0.38	0.46	0.911		0.831		0.916		0.004	1.001
12	0.601	181.8	10.87	-0.38	0.63	0.915		0.836		0.920		-0.002	1.000
13	0.601	181.8	10.87	-0.38	0.96	0.952		0.907		0.955		0.006	1.002
14	0.601	181.8	10.87	-0.38	1.17	0.972		0.947		0.974		0.013	1.003
15	0.601	181.8	10.87	-0.38	1.47	0.982		0.968		0.983		0.018	1.004
16	0.601	181.8	10.87	-0.38	1.96	0.985		0.976		0.986		0.026	1.007

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
318	571	1	66	5	0.601	1.521	918	181.8	719	75.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.601	181.8	10.87	-0.48	-2.04	0.989		0.984		0.990		0.020	1.005
2	0.601	181.8	10.87	-0.48	-1.55	0.981		0.968		0.982		0.025	1.006
3	0.601	181.8	10.87	-0.48	-1.04	0.953		0.914		0.956		0.023	1.006
4	0.601	181.8	10.87	-0.48	-0.71	0.908		0.829		0.914		0.018	1.004
5	0.601	181.8	10.87	-0.48	-0.54	0.897		0.808		0.903		0.019	1.005
6	0.601	181.8	10.87	-0.48	-0.38	0.893		0.798		0.899		0.008	1.002
7	0.601	181.8	10.87	-0.48	-0.21	0.897		0.807		0.903		0.007	1.002
8	0.601	181.8	10.88	-0.48	-0.04	0.897		0.804		0.903		-0.001	1.000
9	0.601	181.8	10.88	-0.48	0.12	0.895		0.802		0.901		0.006	1.002
10	0.601	181.8	10.88	-0.48	0.29	0.903		0.817		0.908		0.010	1.002
11	0.601	181.8	10.88	-0.48	0.47	0.906		0.824		0.912		0.016	1.004
12	0.601	181.8	10.87	-0.48	0.63	0.913		0.835		0.919		0.005	1.001
13	0.601	181.8	10.87	-0.48	0.96	0.959		0.920		0.962		0.002	1.001
14	0.601	181.8	10.87	-0.48	1.17	0.962		0.930		0.965		0.019	1.005
15	0.601	181.8	10.87	-0.48	1.47	0.980		0.965		0.981		0.018	1.004
16	0.601	181.8	10.88	-0.48	1.96	0.989		0.982		0.990		0.016	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
319	571	1	66	5	0.598	1.508	912	179.3	716	75.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.598	179.3	8.49	0.43	-2.03	0.991		0.985		0.991		0.013	1.003
2	0.599	179.9	8.49	0.43	-1.52	0.984		0.974		0.985		0.025	1.006
3	0.599	179.9	8.49	0.43	-1.03	0.977		0.956		0.978		0.011	1.003
4	0.598	179.3	8.49	0.43	-0.69	0.917		0.843		0.922		0.010	1.002
5	0.598	179.3	8.49	0.43	-0.53	0.927		0.860		0.931		0.005	1.001
6	0.598	179.3	8.49	0.43	-0.35	0.915		0.839		0.920		0.003	1.001
7	0.599	179.9	8.49	0.43	-0.18	0.895		0.801		0.901		-0.004	0.999
8	0.599	179.9	8.49	0.43	-0.02	0.900		0.810		0.906		-0.001	1.000
9	0.599	179.9	8.49	0.43	0.14	0.877		0.770		0.883		0.010	1.002
10	0.599	179.9	8.49	0.43	0.31	0.897		0.804		0.903		-0.002	0.999
11	0.599	179.9	8.49	0.43	0.48	0.909		0.827		0.915		-0.001	1.000
12	0.599	179.9	8.49	0.43	0.65	0.924		0.854		0.928		0.004	1.001
13	0.599	179.9	8.49	0.43	0.98	0.955		0.913		0.958		0.007	1.002
14	0.599	179.9	8.49	0.43	1.18	0.978		0.961		0.980		0.016	1.004
15	0.598	179.3	8.49	0.43	1.48	0.991		0.986		0.992		0.012	1.003
16	0.599	179.9	8.49	0.43	1.99	0.991		0.986		0.992		0.015	1.004

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
320	571	1	66	5	0.598	1.508	912	179.3	716	75.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.598	179.3	8.49	-0.01	-2.02	0.916		0.842		0.921		0.018	1.004
2	0.598	179.3	8.49	-0.01	-1.53	0.928		0.865		0.933		0.012	1.003
3	0.598	179.3	8.49	-0.01	-1.02	0.928		0.864		0.933		0.010	1.002
4	0.598	179.3	8.49	-0.01	-0.70	0.887		0.787		0.893		0.006	1.002
5	0.598	179.3	8.49	-0.01	-0.52	0.871		0.759		0.879		-0.002	0.999
6	0.598	179.3	8.49	-0.01	-0.36	0.853		0.727		0.861		-0.004	0.999
7	0.598	179.3	8.49	-0.01	-0.19	0.852		0.724		0.860		-0.009	0.998
8	0.598	179.3	8.49	-0.01	-0.02	0.850		0.722		0.858		-0.009	0.998
9	0.598	179.3	8.49	-0.01	0.14	0.858		0.737		0.866		-0.001	1.000
10	0.598	179.3	8.49	-0.01	0.31	0.867		0.750		0.874		-0.009	0.998
11	0.598	179.3	8.49	-0.01	0.48	0.879		0.771		0.885		-0.004	0.999
12	0.598	179.3	8.49	-0.01	0.64	0.896		0.803		0.902		0.000	1.000
13	0.598	179.3	8.49	-0.01	0.98	0.942		0.889		0.946		0.003	1.001
14	0.598	179.3	8.49	-0.01	1.17	0.980		0.962		0.981		0.010	1.002
15	0.598	179.3	8.49	-0.01	1.48	0.985		0.974		0.986		0.015	1.004
16	0.599	179.9	8.49	-0.01	1.98	0.990		0.983		0.990		0.013	1.003

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
321	571	1	66	5	0.599	1.511	913	179.9	716	75.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.599	179.9	8.49	-0.36	-2.03	0.987		0.978		0.988		0.013	1.003
2	0.600	180.5	8.49	-0.36	-1.53	0.985		0.975		0.986		0.017	1.004
3	0.599	179.9	8.49	-0.36	-1.03	0.967		0.936		0.969		0.006	1.001
4	0.600	180.5	8.49	-0.36	-0.69	0.910		0.830		0.916		0.004	1.001
5	0.600	180.5	8.49	-0.36	-0.53	0.884		0.783		0.890		0.010	1.002
6	0.600	180.5	8.49	-0.36	-0.35	0.864		0.747		0.871		0.006	1.001
7	0.599	179.9	8.49	-0.36	-0.19	0.866		0.749		0.873		-0.008	0.998
8	0.599	179.9	8.48	-0.36	-0.03	0.860		0.738		0.868		-0.006	0.998
9	0.598	179.3	8.48	-0.36	0.14	0.862		0.741		0.869		-0.008	0.998
10	0.599	179.9	8.48	-0.36	0.32	0.866		0.752		0.873		0.009	1.002
11	0.599	179.9	8.48	-0.36	0.48	0.894		0.798		0.900		-0.004	0.999
12	0.599	179.9	8.48	-0.36	0.65	0.907		0.824		0.913		0.001	1.000
13	0.600	180.5	8.48	-0.36	0.98	0.960		0.925		0.963		0.014	1.003
14	0.599	179.9	8.48	-0.36	1.19	0.973		0.953		0.975		0.023	1.006
15	0.600	180.5	8.49	-0.36	1.48	0.984		0.973		0.985		0.022	1.006
16	0.600	180.5	8.49	-0.36	1.98	0.987		0.980		0.988		0.019	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
322	571	1	66	5	0.600	1.514	913	180.5	716	75.4	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	180.5	8.49	-0.45	-2.03	0.983		0.972		0.984		0.025	1.006
2	0.599	179.9	8.49	-0.45	-1.52	0.987		0.980		0.988		0.022	1.005
3	0.599	179.9	8.49	-0.45	-1.03	0.967		0.938		0.969		0.014	1.003
4	0.598	179.3	8.49	-0.45	-0.69	0.913		0.835		0.919		0.004	1.001
5	0.600	180.5	8.49	-0.45	-0.52	0.882		0.780		0.889		0.007	1.002
6	0.599	179.9	8.49	-0.45	-0.36	0.875		0.767		0.882		0.006	1.001
7	0.599	179.9	8.49	-0.45	-0.19	0.873		0.761		0.880		-0.006	0.998
8	0.599	179.9	8.49	-0.45	-0.02	0.884		0.779		0.891		-0.012	0.997
9	0.599	179.9	8.49	-0.45	0.14	0.894		0.798		0.900		-0.008	0.998
10	0.601	181.1	8.49	-0.45	0.30	0.878		0.772		0.885		0.001	1.000
11	0.601	181.1	8.49	-0.45	0.48	0.897		0.805		0.903		0.002	1.001
12	0.601	181.1	8.49	-0.45	0.65	0.921		0.848		0.926		-0.002	1.000
13	0.600	180.5	8.49	-0.45	0.98	0.961		0.926		0.964		0.007	1.002
14	0.600	180.5	8.49	-0.45	1.18	0.967		0.941		0.969		0.022	1.006
15	0.600	180.5	8.49	-0.45	1.48	0.988		0.979		0.989		0.012	1.003
16	0.600	180.5	8.49	-0.45	1.98	0.986		0.977		0.987		0.022	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
323	571	1	66	5	0.249	1.502	1910	79.5	1829	72.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	79.5	10.87	0.41	-2.05	0.998	0.000	0.996	0.000	0.998	0.000	-0.014	0.999
2	0.249	79.5	10.88	0.41	-1.53	0.995	0.000	0.989	0.000	0.995	0.000	-0.014	0.999
3	0.249	79.5	10.87	0.41	-1.04	0.985	0.000	0.968	0.000	0.985	0.000	-0.024	0.999
4	0.249	79.5	10.87	0.41	-0.71	0.942	0.000	0.886	0.000	0.942	0.000	-0.024	0.999
5	0.249	79.5	10.87	0.41	-0.54	0.938	0.000	0.879	0.000	0.939	0.000	-0.024	0.999
6	0.249	79.5	10.87	0.41	-0.36	0.929	0.000	0.861	0.000	0.929	0.000	-0.024	0.999
7	0.249	79.5	10.87	0.41	-0.20	0.930	0.000	0.863	0.000	0.930	0.000	-0.024	0.999
8	0.249	79.5	10.87	0.41	-0.04	0.913	0.000	0.834	0.000	0.914	0.000	-0.015	0.999
9	0.249	79.5	10.87	0.41	0.12	0.955	0.000	0.912	0.000	0.956	0.000	-0.015	0.999
10	0.249	79.5	10.87	0.41	0.29	0.923	0.000	0.851	0.000	0.924	0.000	-0.024	0.999
11	0.249	79.5	10.88	0.41	0.46	0.937	0.000	0.877	0.000	0.938	0.000	-0.024	0.999
12	0.249	79.5	10.88	0.41	0.63	0.967	0.000	0.934	0.000	0.967	0.000	-0.024	0.999
13	0.249	79.5	10.88	0.41	0.96	0.984	0.000	0.967	0.000	0.984	0.000	-0.019	0.999
14	0.249	79.5	10.88	0.41	1.17	0.983	0.000	0.965	0.000	0.983	0.000	-0.019	0.999
15	0.249	79.5	10.88	0.41	1.46	0.995	0.000	0.989	0.000	0.995	0.000	-0.019	0.999
16	0.249	79.5	10.88	0.41	1.97	0.998	0.000	0.994	0.000	0.998	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
324	571	1	66	5	0.249	1.503	1910	79.5	1829	72.5	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	79.5	10.87	-0.03	-2.04	0.949	0.000	0.899	0.000	0.949	0.000	-0.019	0.999
2	0.250	80.2	10.87	-0.03	-1.54	0.951	0.000	0.904	0.000	0.952	0.000	-0.015	0.999
3	0.249	79.5	10.87	-0.03	-1.04	0.933	0.000	0.870	0.000	0.934	0.000	-0.024	0.999
4	0.249	79.5	10.87	-0.03	-0.71	0.909	0.000	0.825	0.000	0.910	0.000	-0.024	0.999
5	0.249	79.5	10.87	-0.03	-0.54	0.892	0.000	0.796	0.000	0.893	0.000	-0.024	0.999
6	0.249	79.5	10.87	-0.03	-0.38	0.893	0.000	0.797	0.000	0.894	0.000	-0.024	0.999
7	0.249	79.5	10.87	-0.03	-0.21	0.889	0.000	0.790	0.000	0.891	0.000	-0.024	0.999
8	0.249	79.5	10.87	-0.03	-0.03	0.904	0.000	0.816	0.000	0.905	0.000	-0.024	0.999
9	0.249	79.5	10.87	-0.03	0.13	0.905	0.000	0.818	0.000	0.906	0.000	-0.024	0.999
10	0.250	80.2	10.87	-0.03	0.29	0.908	0.000	0.825	0.000	0.909	0.000	-0.015	0.999
11	0.250	80.2	10.87	-0.03	0.46	0.906	0.000	0.820	0.000	0.907	0.000	-0.010	1.000
12	0.250	80.2	10.87	-0.03	0.63	0.937	0.000	0.878	0.000	0.938	0.000	-0.024	0.999
13	0.250	80.2	10.87	-0.03	0.96	0.946	0.000	0.893	0.000	0.946	0.000	-0.024	0.999
14	0.250	80.2	10.87	-0.03	1.16	0.973	0.000	0.946	0.000	0.974	0.000	-0.021	0.999
15	0.250	80.2	10.87	-0.03	1.46	0.988	0.000	0.976	0.000	0.988	0.000	-0.019	0.999
16	0.249	79.5	10.87	-0.03	1.97	1.004	0.000	1.006	0.000	1.004	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
325	571	1	66	5	0.249	1.504	1911	79.5	1830	72.1	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	79.5	10.87	-0.38	-2.05	0.994	0.000	0.987	0.000	0.994	0.000	-0.014	0.999
2	0.248	78.8	10.87	-0.38	-1.54	0.998	0.000	0.996	0.000	0.998	0.000	-0.017	0.999
3	0.248	78.8	10.87	-0.38	-1.04	0.948	0.000	0.898	0.000	0.949	0.000	-0.024	0.999
4	0.249	79.5	10.87	-0.38	-0.71	0.922	0.000	0.849	0.000	0.923	0.000	-0.024	0.999
5	0.249	79.5	10.87	-0.38	-0.54	0.899	0.000	0.808	0.000	0.900	0.000	-0.024	0.999
6	0.248	78.8	10.87	-0.38	-0.37	0.891	0.000	0.794	0.000	0.892	0.000	-0.024	0.999
7	0.249	79.5	10.87	-0.38	-0.20	0.905	0.000	0.818	0.000	0.906	0.000	-0.024	0.999
8	0.249	79.5	10.87	-0.38	-0.04	0.910	0.000	0.827	0.000	0.911	0.000	-0.024	0.999
9	0.248	78.8	10.87	-0.38	0.13	0.915	0.000	0.836	0.000	0.916	0.000	-0.024	0.999
10	0.248	78.8	10.87	-0.38	0.29	0.915	0.000	0.836	0.000	0.916	0.000	-0.024	0.999
11	0.249	79.5	10.87	-0.38	0.47	0.919	0.000	0.844	0.000	0.920	0.000	-0.024	0.999
12	0.249	79.5	10.87	-0.38	0.63	0.931	0.000	0.867	0.000	0.932	0.000	-0.015	0.999
13	0.248	78.8	10.87	-0.38	0.96	0.960	0.000	0.921	0.000	0.961	0.000	-0.033	0.999
14	0.249	79.5	10.87	-0.38	1.17	0.982	0.000	0.965	0.000	0.983	0.000	-0.010	1.000
15	0.249	79.5	10.87	-0.38	1.47	0.987	0.000	0.974	0.000	0.987	0.000	-0.010	1.000
16	0.249	79.5	10.87	-0.38	1.96	0.992	0.000	0.984	0.000	0.992	0.000	-0.014	0.999

RUN	TST	P	TN	CONF	MACH	PN/L	PT	Q	P	TT	ALPHA
326	571	1	66	5	0.250	1.512	1911	80.2	1829	72.0	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	80.2	10.87	-0.48	-2.04	0.988	0.000	0.976	0.000	0.988	0.000	-0.001	1.000
2	0.250	80.2	10.87	-0.48	-1.54	0.978	0.000	0.957	0.000	0.979	0.000	-0.008	1.000
3	0.249	79.5	10.87	-0.48	-1.04	0.949	0.000	0.899	0.000	0.949	0.000	-0.024	0.999
4	0.250	80.2	10.87	-0.48	-0.71	0.919	0.000	0.844	0.000	0.920	0.000	-0.015	0.999
5	0.249	79.5	10.87	-0.48	-0.54	0.923	0.000	0.851	0.000	0.924	0.000	-0.024	0.999
6	0.250	80.2	10.87	-0.48	-0.37	0.900	0.000	0.809	0.000	0.901	0.000	-0.015	0.999
7	0.250	80.2	10.87	-0.48	-0.21	0.919	0.000	0.844	0.000	0.920	0.000	-0.015	0.999
8	0.250	80.2	10.87	-0.48	-0.04	0.916	0.000	0.838	0.000	0.917	0.000	-0.015	0.999
9	0.250	80.2	10.87	-0.48	0.12	0.910	0.000	0.826	0.000	0.911	0.000	-0.026	0.999
10	0.250	80.2	10.87	-0.48	0.29	0.926	0.000	0.857	0.000	0.927	0.000	-0.024	0.999
11	0.250	80.2	10.87	-0.48	0.47	0.944	0.000	0.890	0.000	0.945	0.000	-0.024	0.999
12	0.249	79.5	10.87	-0.48	0.63	0.959	0.000	0.918	0.000	0.959	0.000	-0.024	0.999
13	0.249	79.5	10.87	-0.48	0.96	0.977	0.000	0.953	0.000	0.977	0.000	-0.022	0.999
14	0.249	79.5	10.87	-0.48	1.17	0.982	0.000	0.963	0.000	0.982	0.000	-0.015	0.999
15	0.249	79.5	10.87	-0.48	1.47	1.001	0.000	1.001	0.000	1.001	0.000	-0.021	0.999
16	0.249	79.5	10.87	-0.48	1.96	0.994	0.000	0.987	0.000	0.994	0.000	-0.014	0.999

RUN	TST	P	TN	CONF	MACH	PN/L	PT	Q	P	TT	ALPHA
327	571	1	66	5	0.249	1.506	1910	79.5	1829	71.8	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	79.5	8.49	0.43	-2.03	0.996	0.000	0.991	0.000	0.996	0.000	-0.008	1.000
2	0.249	79.5	8.49	0.43	-1.52	0.994	0.000	0.987	0.000	0.994	0.000	-0.014	0.999
3	0.249	79.5	8.49	0.43	-1.02	0.969	0.000	0.937	0.000	0.969	0.000	-0.015	0.999
4	0.249	79.5	8.49	0.43	-0.69	0.941	0.000	0.884	0.000	0.941	0.000	-0.024	0.999
5	0.249	79.5	8.49	0.43	-0.52	0.913	0.000	0.834	0.000	0.914	0.000	-0.015	0.999
6	0.249	79.5	8.49	0.43	-0.35	0.931	0.000	0.867	0.000	0.932	0.000	-0.015	0.999
7	0.249	79.5	8.49	0.43	-0.19	0.911	0.000	0.830	0.000	0.912	0.000	-0.015	0.999
8	0.249	79.5	8.49	0.43	-0.02	0.897	0.000	0.804	0.000	0.898	0.000	-0.015	0.999
9	0.249	79.5	8.49	0.43	0.14	0.897	0.000	0.804	0.000	0.898	0.000	-0.024	0.999
10	0.249	79.5	8.49	0.43	0.31	0.911	0.000	0.830	0.000	0.912	0.000	-0.015	0.999
11	0.249	79.5	8.49	0.43	0.48	0.923	0.000	0.851	0.000	0.924	0.000	-0.024	0.999
12	0.249	79.5	8.49	0.43	0.65	0.931	0.000	0.867	0.000	0.932	0.000	-0.015	0.999
13	0.249	79.5	8.49	0.43	0.98	0.974	0.000	0.948	0.000	0.974	0.000	-0.019	0.999
14	0.249	79.5	8.49	0.43	1.18	0.994	0.000	0.987	0.000	0.994	0.000	-0.022	0.999
15	0.249	79.5	8.49	0.43	1.49	0.989	0.000	0.977	0.000	0.989	0.000	-0.014	0.999
16	0.249	79.5	8.49	0.43	1.98	0.994	0.000	0.987	0.000	0.994	0.000	-0.014	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
328	571	1	66	5	0.249	1.507	1910	79.5	1829	71.4	-10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.249	79.5	8.49	-0.01	-2.02	0.937	0.000	0.877	0.000	0.937	0.000	-0.010	1.000
2	0.249	79.5	8.49	-0.01	-1.53	0.947	0.000	0.896	0.000	0.948	0.000	-0.019	0.999
3	0.249	79.5	8.49	-0.01	-1.03	0.914	0.000	0.834	0.000	0.914	0.000	-0.024	0.999
4	0.249	79.5	8.49	-0.01	-0.69	0.894	0.000	0.799	0.000	0.895	0.000	-0.024	0.999
5	0.249	79.5	8.49	-0.01	-0.53	0.876	0.000	0.766	0.000	0.877	0.000	-0.024	0.999
6	0.249	79.5	8.49	-0.01	-0.36	0.867	0.000	0.750	0.000	0.868	0.000	-0.024	0.999
7	0.249	79.5	8.49	-0.01	-0.19	0.877	0.000	0.768	0.000	0.878	0.000	-0.024	0.999
8	0.250	80.2	8.49	-0.01	-0.01	0.870	0.000	0.756	0.000	0.871	0.000	-0.024	0.999
9	0.250	80.2	8.49	-0.01	0.15	0.877	0.000	0.768	0.000	0.878	0.000	-0.017	0.999
10	0.250	80.2	8.49	-0.01	0.33	0.870	0.000	0.756	0.000	0.871	0.000	-0.015	0.999
11	0.250	80.2	8.49	-0.01	0.47	0.896	0.000	0.802	0.000	0.897	0.000	-0.017	0.999
12	0.250	80.2	8.49	-0.01	0.64	0.893	0.000	0.797	0.000	0.894	0.000	-0.015	0.999
13	0.250	80.2	8.49	-0.01	0.97	0.952	0.000	0.905	0.000	0.952	0.000	-0.015	0.999
14	0.250	80.2	8.49	-0.01	1.17	0.976	0.000	0.952	0.000	0.976	0.000	-0.010	1.000
15	0.249	79.5	8.49	-0.01	1.48	0.988	0.000	0.975	0.000	0.988	0.000	-0.028	0.999
16	0.250	80.2	8.49	-0.01	1.98	0.992	0.000	0.984	0.000	0.992	0.000	-0.003	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
329	571	1	66	5	0.250	1.514	1911	80.2	1829	71.1	-10.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	80.2	8.49	-0.36	-2.03	0.989	0.000	0.977	0.000	0.989	0.000	-0.003	1.000
2	0.250	80.2	8.49	-0.36	-1.53	0.991	0.000	0.982	0.000	0.992	0.000	-0.015	0.999
3	0.249	79.5	8.49	-0.36	-1.02	0.955	0.000	0.912	0.000	0.956	0.000	-0.022	0.999
4	0.249	79.5	8.49	-0.36	-0.69	0.914	0.000	0.834	0.000	0.914	0.000	-0.024	0.999
5	0.250	80.2	8.49	-0.36	-0.52	0.900	0.000	0.809	0.000	0.901	0.000	-0.024	0.999
6	0.250	80.2	8.49	-0.36	-0.36	0.883	0.000	0.778	0.000	0.884	0.000	-0.015	0.999
7	0.250	80.2	8.49	-0.36	-0.19	0.867	0.000	0.751	0.000	0.868	0.000	-0.024	0.999
8	0.250	80.2	8.49	-0.36	-0.03	0.885	0.000	0.783	0.000	0.887	0.000	-0.015	0.999
9	0.250	80.2	8.49	-0.36	0.14	0.899	0.000	0.808	0.000	0.900	0.000	-0.024	0.999
10	0.250	80.2	8.49	-0.36	0.32	0.876	0.000	0.766	0.000	0.877	0.000	-0.024	0.999
11	0.250	80.2	8.49	-0.36	0.47	0.893	0.000	0.797	0.000	0.894	0.000	-0.024	0.999
12	0.250	80.2	8.48	-0.36	0.64	0.923	0.000	0.852	0.000	0.924	0.000	-0.015	0.999
13	0.250	80.2	8.48	-0.36	0.98	0.976	0.000	0.952	0.000	0.976	0.000	-0.024	0.999
14	0.250	80.2	8.48	-0.36	1.19	0.974	0.000	0.948	0.000	0.974	0.000	-0.017	0.999
15	0.250	80.2	8.48	-0.36	1.49	0.985	0.000	0.970	0.000	0.986	0.000	-0.013	0.999
16	0.249	79.5	8.48	-0.36	1.98	0.994	0.000	0.987	0.000	0.994	0.000	-0.012	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
330	571	1	66	5	0.250	1.514	1911	80.2	1829	71.2	-10.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	80.2	8.49	-0.45	-2.03	0.989	0.000	0.977	0.000	0.989	0.000	-0.003	1.000
2	0.249	79.5	8.49	-0.45	-1.52	0.985	0.000	0.970	0.000	0.985	0.000	-0.012	0.999
3	0.249	79.5	8.49	-0.45	-1.02	0.964	0.000	0.929	0.000	0.965	0.000	-0.022	0.999
4	0.250	80.2	8.49	-0.45	-0.69	0.903	0.000	0.814	0.000	0.904	0.000	-0.024	0.999
5	0.250	80.2	8.49	-0.45	-0.52	0.890	0.000	0.792	0.000	0.892	0.000	-0.024	0.999
6	0.249	79.5	8.49	-0.45	-0.35	0.893	0.000	0.797	0.000	0.894	0.000	-0.024	0.999
7	0.249	79.5	8.49	-0.45	-0.19	0.907	0.000	0.822	0.000	0.908	0.000	-0.024	0.999
8	0.249	79.5	8.49	-0.45	-0.02	0.882	0.000	0.776	0.000	0.883	0.000	-0.026	0.999
9	0.249	79.5	8.49	-0.45	0.14	0.887	0.000	0.785	0.000	0.888	0.000	-0.024	0.999
10	0.249	79.5	8.49	-0.45	0.31	0.889	0.000	0.790	0.000	0.891	0.000	-0.024	0.999
11	0.249	79.5	8.49	-0.45	0.48	0.915	0.000	0.837	0.000	0.916	0.000	-0.024	0.999
12	0.249	79.5	8.49	-0.45	0.64	0.937	0.000	0.877	0.000	0.938	0.000	-0.024	0.999
13	0.249	79.5	8.49	-0.45	0.98	0.966	0.000	0.932	0.000	0.966	0.000	-0.024	0.999
14	0.249	79.5	8.49	-0.45	1.19	0.976	0.000	0.951	0.000	0.976	0.000	-0.024	0.999
15	0.249	79.5	8.49	-0.45	1.48	0.998	0.000	0.994	0.000	0.998	0.000	-0.019	0.999
16	0.249	79.5	8.49	-0.45	1.98	0.998	0.000	0.996	0.000	0.998	0.000	-0.017	0.999

TABLE 2(b)

Configuration 6 – Ballast-profile model as supported in Configuration 5.

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
331	571	1	66	6	1.104	1.513	686	272.9	320	74.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	1.104	272.9	7.18	-0.02	1.95	0.829		0.852		0.856		0.282	1.241
3	1.105	272.7	6.93	-0.02	1.95	0.840		0.865		0.866		0.263	1.225
4	1.103	272.5	6.76	-0.01	1.95	0.945		0.956		0.955		0.083	1.071
5	1.101	272.2	6.60	-0.01	1.96	0.900		0.919		0.917		0.158	1.134
6	1.099	271.9	6.44	-0.01	1.96	0.966		0.971		0.972		0.049	1.041
7	1.098	271.7	6.27	-0.01	1.96	0.980		0.983		0.984		0.027	1.023
8	1.099	271.9	6.09	-0.01	1.96	0.976		0.979		0.980		0.034	1.029
9	1.101	272.2	5.94	-0.00	1.96	0.970		0.975		0.976		0.043	1.036
10	1.101	272.2	5.76	-0.00	1.96	0.960		0.967		0.967		0.058	1.049
11	1.099	271.5	5.60	-0.00	1.96	0.958		0.966		0.965		0.064	1.054
12	1.100	271.8	5.44	0.00	1.96	0.949		0.960		0.958		0.079	1.067
13	1.100	271.8	5.26	0.00	1.96	0.941		0.954		0.951		0.092	1.078
14	1.100	271.8	5.09	0.00	1.97	0.928		0.944		0.941		0.113	1.096
15	1.102	272.1	4.93	0.01	1.97	0.875		0.898		0.895		0.205	1.174
16	1.104	272.3	4.76	0.01	1.97	0.858		0.882		0.881		0.233	1.199
17	1.102	272.1	4.59	0.01	1.97	0.855		0.879		0.879		0.237	1.202
18	1.104	272.3	4.42	0.01	1.97	0.849		0.874		0.873		0.250	1.213
19	1.104	272.3	4.25	0.01	1.97	0.842		0.867		0.867		0.260	1.222
20	1.102	272.1	4.10	0.01	1.97	0.839		0.863		0.865		0.266	1.226
21	1.102	272.1	3.94	0.02	1.97	0.834		0.857		0.860		0.275	1.234

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
332	571	1	66	6	1.105	1.507	686	272.7	319	75.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	1.105	272.7	5.49	0.00	-1.04	0.904		0.843		0.921		0.037	1.031
2	1.105	272.7	5.49	0.00	-0.55	0.875		0.818		0.896		0.080	1.069
3	1.105	273.1	5.49	0.00	-0.03	0.710		0.539		0.748		0.080	1.069
4	1.104	272.9	5.49	0.00	0.12	0.666		0.473		0.705		0.078	1.067
5	1.102	272.6	5.49	0.00	0.29	0.636		0.431		0.677		0.076	1.065
6	1.098	271.7	5.49	0.00	0.46	0.667		0.475		0.706		0.078	1.066
7	1.093	270.8	5.49	0.00	0.62	0.729		0.565		0.765		0.074	1.062
8	1.093	270.8	5.49	0.00	0.96	0.911		0.885		0.926		0.081	1.068

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
333	571	1	66	6	0.949	1.482	699	247.0	392	75.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.949	247.0	5.49	0.00	-1.04	0.898		0.828		0.911		0.043	1.027
2	0.948	246.6	5.49	0.00	-0.55	0.860		0.752		0.878		0.025	1.016
3	0.946	246.2	5.49	0.00	-0.04	0.683		0.465		0.712		-0.002	0.998
4	0.947	246.1	5.49	0.00	0.14	0.655		0.428		0.685		-0.004	0.997
5	0.945	245.7	5.49	0.00	0.29	0.648		0.419		0.678		-0.004	0.998
6	0.945	245.7	5.49	0.00	0.46	0.683		0.465		0.712		-0.002	0.999
7	0.946	246.2	5.48	0.00	0.63	0.742		0.553		0.768		0.007	1.005
8	0.945	245.8	5.49	0.00	0.96	0.913		0.851		0.924		0.035	1.022

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
334	571	1	66	6	0.800	1.519	769	226.2	505	75.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	226.2	5.49	0.00	-1.04	0.909		0.830		0.918		0.008	1.003
2	0.801	226.1	5.48	0.00	-0.54	0.838		0.708		0.853		0.015	1.007
3	0.800	226.2	5.49	0.00	-0.04	0.723		0.521		0.744		-0.009	0.996
4	0.800	226.2	5.49	0.00	0.12	0.722		0.518		0.742		-0.010	0.995
5	0.802	226.7	5.49	0.00	0.29	0.729		0.531		0.749		-0.001	1.000
6	0.802	226.7	5.49	0.00	0.46	0.775		0.600		0.793		-0.002	0.999
7	0.802	226.7	5.49	0.00	0.63	0.829		0.686		0.844		-0.001	1.000
8	0.801	226.1	5.49	0.00	0.96	0.942		0.895		0.948		0.018	1.008

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
335	571	1	66	6	0.251	1.521	1911	80.9	1828	71.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	80.9	5.48	0.00	-1.04	0.908	0.000	0.825	0.000	0.909	0.000	-0.010	1.000
2	0.251	80.9	5.49	0.00	-0.55	0.888	0.000	0.787	0.000	0.889	0.000	-0.036	0.998
3	0.250	80.2	5.49	0.00	-0.03	0.817	0.000	0.667	0.000	0.819	0.000	-0.045	0.998
4	0.251	80.9	5.48	0.00	0.13	0.813	0.000	0.659	0.000	0.814	0.000	-0.043	0.998
5	0.251	80.9	5.48	0.00	0.29	0.853	0.000	0.726	0.000	0.854	0.000	-0.036	0.998
6	0.251	80.9	5.49	0.00	0.46	0.854	0.000	0.729	0.000	0.856	0.000	-0.029	0.999
7	0.251	80.9	5.49	0.00	0.63	0.891	0.000	0.792	0.000	0.892	0.000	-0.026	0.999
8	0.251	80.9	5.48	0.00	0.96	0.943	0.000	0.889	0.000	0.944	0.000	-0.010	1.000

Table 2(c)

Configuration 5 – Ablated model mounted on short sting and strut supported from ceiling of wind tunnel test section: forward-facing pitot-static probe.

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
336	571	1	66	5	1.102	1.508	678	269.3	317	70.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	1.102	269.3	5.49	0.44	-1.05	0.982		0.973		0.985		0.012	1.010
3	1.106	269.9	5.49	0.44	-0.70	0.888		0.826		0.907		0.055	1.047
4	1.101	269.1	5.49	0.44	-0.54	0.914		0.891		0.929		0.079	1.067
5	1.101	269.1	5.49	0.44	-0.21	0.882		0.832		0.901		0.083	1.071
6	1.101	269.1	5.49	0.44	-0.04	0.835		0.743		0.861		0.077	1.065
7	1.098	268.4	5.49	0.44	0.12	0.785		0.654		0.816		0.074	1.062
8	1.098	268.4	5.49	0.44	0.29	0.757		0.610		0.791		0.074	1.063
9	1.096	268.1	5.49	0.44	0.46	0.782		0.651		0.813		0.077	1.065
10	1.096	268.1	5.49	0.44	0.63	0.824		0.727		0.851		0.083	1.070
11	1.094	268.0	5.49	0.44	0.96	0.920		0.913		0.934		0.094	1.079

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
337	571	1	66	5	1.100	1.512	682	270.7	319	72.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	1.100	270.7	5.49	0.00	-1.04	0.882		0.828		0.902		0.076	1.065
2	1.098	270.6	5.49	0.00	-0.54	0.875		0.816		0.895		0.079	1.066
3	1.098	270.6	5.49	0.00	-0.04	0.709		0.536		0.746		0.078	1.066
4	1.098	270.6	5.49	0.00	0.13	0.668		0.473		0.707		0.072	1.061
5	1.099	270.4	5.49	0.00	0.30	0.622		0.412		0.663		0.079	1.067
6	1.097	270.2	5.49	0.00	0.47	0.644		0.444		0.684		0.082	1.069
7	1.094	269.6	5.49	0.00	0.62	0.721		0.555		0.757		0.083	1.069
8	1.099	270.4	5.49	0.00	0.96	0.896		0.868		0.914		0.096	1.081

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
338	571	1	66	5	1.102	1.509	682	271.0	319	72.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	1.102	271.0	5.49	-0.44	-1.04	0.960		0.954		0.967		0.042	1.036
2	1.102	271.0	5.49	-0.44	-0.71	0.919		0.906		0.933		0.087	1.074
3	1.105	271.6	5.49	-0.44	-0.54	0.855		0.785		0.879		0.085	1.073
4	1.108	272.2	5.49	-0.44	-0.21	0.856		0.790		0.879		0.091	1.078
5	1.110	272.4	5.49	-0.44	-0.04	0.814		0.712		0.842		0.088	1.076
6	1.102	271.0	5.49	-0.44	0.13	0.767		0.627		0.800		0.078	1.067
7	1.100	270.7	5.49	-0.44	0.29	0.745		0.591		0.779		0.076	1.065
8	1.097	270.2	5.49	-0.44	0.46	0.775		0.640		0.807		0.079	1.066
9	1.095	269.9	5.49	-0.44	0.63	0.839		0.754		0.864		0.084	1.070
10	1.098	270.0	5.49	-0.44	0.96	0.920		0.918		0.934		0.101	1.085

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
339	571	1	66	5	1.103	1.513	686	272.5	320	73.9	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	1.103	272.5	3.52	0.02	-1.03	0.866		0.868		0.888		0.185	1.158
2	1.101	272.2	3.52	0.02	-0.53	0.807		0.749		0.836		0.177	1.150
3	1.098	271.7	3.52	0.02	-0.02	0.256		0.074		0.282		0.156	1.132
4	1.099	272.1	3.52	0.02	0.14	0.135		0.021		0.150		0.153	1.129
5	1.100	272.3	3.52	0.02	0.31	0.121		0.016		0.134		0.159	1.135
6	1.100	272.3	3.52	0.02	0.47	0.325		0.120		0.358		0.159	1.135
7	1.098	271.7	3.52	0.02	0.64	0.609		0.420		0.650		0.155	1.131
8	1.096	271.4	3.52	0.02	0.98	0.859		0.874		0.882		0.220	1.185

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
340	571	1	66	5	0.951	1.480	695	245.7	388	73.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.951	245.7	3.52	0.02	-1.03	0.941		0.915		0.949		0.054	1.034
2	0.951	245.7	3.52	0.02	-0.53	0.827		0.708		0.848		0.053	1.034
3	0.950	245.8	3.52	0.02	-0.03	0.108		0.012		0.117		0.041	1.026
4	0.949	245.4	3.52	0.02	0.14							0.043	1.027
5	0.949	245.4	3.52	0.02	0.31							0.038	1.024
6	0.947	245.0	3.52	0.02	0.47	0.224		0.051		0.243		0.029	1.018
7	0.947	245.0	3.52	0.02	0.64	0.534		0.290		0.566		0.023	1.014
8	0.947	245.0	3.52	0.02	0.98	0.939		0.911		0.947		0.055	1.034

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
341	571	1	66	5	0.953	1.480	695	246.3	387	74.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.953	246.3	5.49	0.44	-1.04	0.956		0.941		0.963		0.046	1.029
2	0.954	246.8	5.49	0.44	-0.70	0.876		0.786		0.892		0.038	1.024
3	0.952	246.3	5.49	0.44	-0.54	0.926		0.873		0.936		0.028	1.018
4	0.951	245.7	5.49	0.44	-0.21	0.857		0.743		0.875		0.016	1.010
5	0.951	245.7	5.49	0.44	-0.04	0.816		0.668		0.838		0.006	1.004
6	0.951	245.7	5.49	0.44	0.12	0.777		0.602		0.802		-0.005	0.997
7	0.951	245.7	5.49	0.44	0.29	0.757		0.573		0.783		-0.001	0.999
8	0.949	245.3	5.49	0.44	0.46	0.782		0.612		0.806		0.001	1.001
9	0.949	245.3	5.49	0.44	0.63	0.832		0.694		0.852		0.005	1.003
10	0.949	245.3	5.49	0.44	0.96	0.948		0.914		0.955		0.028	1.018

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
342	571	1	66	5	0.952	1.480	695	246.3	388	74.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	246.3	5.49	0.00	-1.04	0.896		0.822		0.910		0.036	1.023
2	0.949	245.3	5.49	0.00	-0.54	0.861		0.752		0.879		0.022	1.014
3	0.950	245.8	5.49	0.00	-0.04	0.676		0.457		0.706		0.002	1.001
4	0.950	245.8	5.49	0.00	0.13	0.636		0.402		0.667		-0.010	0.994
5	0.950	245.8	5.49	0.00	0.29	0.630		0.395		0.661		-0.007	0.995
6	0.950	245.8	5.49	0.00	0.46	0.641		0.410		0.672		-0.004	0.998
7	0.949	245.3	5.49	0.00	0.62	0.740		0.546		0.767		-0.004	0.998
8	0.949	245.3	5.49	0.00	0.96	0.914		0.852		0.926		0.030	1.019

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
343	571	1	66	5	0.952	1.480	695	246.3	388	74.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.952	246.3	5.49	-0.44	-1.05	0.960		0.948		0.965		0.046	1.029
2	0.952	246.3	5.49	-0.44	-0.70	0.924		0.870		0.934		0.032	1.020
3	0.952	246.3	5.49	-0.44	-0.54	0.881		0.787		0.896		0.022	1.014
4	0.952	246.3	5.49	-0.44	-0.20	0.816		0.667		0.837		0.005	1.003
5	0.951	245.7	5.49	-0.44	-0.04	0.771		0.595		0.796		0.001	1.001
6	0.950	245.8	5.49	-0.44	0.12	0.740		0.546		0.767		-0.004	0.998
7	0.950	245.8	5.49	-0.44	0.29	0.727		0.529		0.755		0.001	1.000
8	0.949	245.3	5.49	-0.44	0.45	0.777		0.603		0.801		-0.002	0.999
9	0.949	245.3	5.49	-0.44	0.63	0.836		0.704		0.856		0.009	1.006
10	0.950	245.8	5.49	-0.44	0.96	0.944		0.909		0.952		0.031	1.020

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
344	571	1	66	5	0.953	1.481	696	246.8	388	74.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.953	246.8	6.99	-0.02	-1.05	0.920		0.856		0.931		0.016	1.010
2	0.954	246.8	6.99	-0.02	-0.55	0.862		0.747		0.880		0.008	1.005
3	0.953	246.3	6.99	-0.02	-0.05	0.753		0.563		0.779		-0.010	0.993
4	0.952	245.7	6.99	-0.02	0.12	0.740		0.542		0.767		-0.016	0.990
5	0.954	246.2	6.99	-0.02	0.28	0.735		0.535		0.762		-0.015	0.991
6	0.954	246.2	6.99	-0.02	0.44	0.735		0.539		0.763		-0.006	0.996
7	0.953	246.3	6.98	-0.02	0.62	0.778		0.608		0.802		0.009	1.006
8	0.952	245.7	6.98	-0.02	0.95	0.904		0.825		0.917		0.014	1.009

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
345	571	1	66	5	0.902	1.489	714	239.8	421	74.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.902	239.8	6.99	-0.02	-1.05	0.922		0.863		0.932		0.024	1.014
2	0.904	240.2	6.99	-0.02	-0.55	0.854		0.731		0.870		0.006	1.004
3	0.904	240.2	6.99	-0.02	-0.04	0.771		0.590		0.794		-0.012	0.993
4	0.904	239.6	6.98	-0.02	0.12	0.740		0.545		0.765		-0.007	0.996
5	0.904	239.6	6.98	-0.02	0.28	0.735		0.539		0.760		-0.003	0.998
6	0.903	239.2	6.98	-0.02	0.45	0.755		0.570		0.779		0.001	1.001
7	0.905	240.0	6.98	-0.02	0.63	0.817		0.670		0.837		0.008	1.005
8	0.905	240.1	6.98	-0.02	0.95	0.911		0.848		0.922		0.036	1.021

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
346	571	1	66	5	0.897	1.485	713	238.1	423	74.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.897	238.1	5.49	0.00	-1.04	0.909		0.844		0.920		0.038	1.022
2	0.896	237.6	5.49	0.00	-0.54	0.844		0.724		0.861		0.030	1.017
3	0.896	237.6	5.49	0.00	-0.03	0.663		0.441		0.690		0.006	1.003
4	0.898	238.0	5.49	0.00	0.13	0.663		0.440		0.691		0.003	1.001
5	0.899	238.5	5.49	0.00	0.30	0.651		0.422		0.678		-0.005	0.997
6	0.900	238.4	5.49	0.00	0.46	0.703		0.496		0.729		0.006	1.004
7	0.900	238.4	5.49	0.00	0.63	0.773		0.601		0.796		0.009	1.005
8	0.901	238.8	5.49	0.00	0.96	0.934		0.884		0.943		0.021	1.012

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
347	571	1	66	5	0.900	1.486	713	238.9	421	74.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.900	238.9	3.52	0.02	-1.03	0.930		0.904		0.939		0.081	1.046
2	0.900	238.9	3.52	0.02	-0.53	0.752		0.588		0.776		0.071	1.040
3	0.899	238.5	3.52	0.02	-0.03	0.000		0.000		0.000		0.078	1.044
4	0.898	238.0	3.52	0.02	0.15							0.073	1.041
5	0.898	238.0	3.52	0.02	0.30	0.107		0.012		0.115		0.065	1.037
6	0.898	238.0	3.52	0.02	0.47	0.319		0.105		0.341		0.053	1.030
7	0.900	238.9	3.52	0.02	0.64	0.585		0.348		0.613		0.032	1.018
8	0.901	239.4	3.52	0.02	0.98	0.931		0.903		0.940		0.074	1.042

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
348	571	1	66	5	1.098	1.510	688	272.6	323	75.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	1.098	272.6	3.29	0.02	1.98	0.833		0.857		0.859		0.279	1.236
2	1.099	272.5	3.34	0.02	1.98	0.833		0.858		0.859		0.279	1.236
3	1.099	272.5	3.43	0.02	1.98	0.830		0.855		0.857		0.283	1.239
4	1.099	272.5	3.52	0.02	1.98	0.829		0.854		0.856		0.286	1.242
5	1.098	272.2	3.62	0.02	1.98	0.831		0.856		0.857		0.284	1.239
6	1.098	272.6	3.71	0.02	1.98	0.832		0.857		0.858		0.282	1.238
7	1.098	272.8	3.81	0.02	1.97	0.835		0.859		0.860		0.277	1.233
8	1.098	273.2	3.91	0.02	1.97	0.836		0.860		0.862		0.273	1.230
9	1.098	273.2	4.02	0.02	1.97	0.838		0.864		0.864		0.270	1.228
10	1.097	272.9	4.12	0.01	1.97	0.844		0.869		0.869		0.261	1.220
11	1.100	273.4	4.25	0.01	1.97	0.845		0.871		0.870		0.257	1.218

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
349	571	1	66	5	0.852	1.496	734	232.1	457	74.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.852	232.1	6.99	-0.02	-1.05	0.908		0.839		0.918		0.033	1.017
2	0.852	232.2	6.98	-0.02	-0.54	0.835		0.704		0.851		0.019	1.010
3	0.852	232.2	6.99	-0.02	-0.05	0.763		0.585		0.784		0.008	1.004
4	0.850	231.8	6.99	-0.02	0.12	0.750		0.562		0.772		-0.000	1.000
5	0.849	231.4	6.99	-0.02	0.28	0.761		0.580		0.782		0.003	1.001
6	0.848	231.0	6.99	-0.02	0.45	0.780		0.610		0.800		0.004	1.002
7	0.848	231.0	6.99	-0.02	0.62	0.829		0.693		0.846		0.015	1.008
8	0.847	230.7	6.99	-0.02	0.95	0.936		0.886		0.944		0.021	1.010

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
350	571	1	66	5	0.849	1.492	733	230.8	457	74.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.849	230.8	5.49	0.00	-1.04	0.899		0.826		0.910		0.043	1.022
2	0.848	231.0	5.49	0.00	-0.56	0.829		0.696		0.846		0.025	1.013
3	0.850	231.9	5.49	0.00	-0.04	0.692		0.481		0.716		0.009	1.005
4	0.850	231.9	5.49	0.00	0.13	0.668		0.447		0.693		-0.001	1.000
5	0.850	231.8	5.49	0.00	0.29	0.674		0.455		0.698		0.003	1.001
6	0.849	231.4	5.49	0.00	0.46	0.728		0.533		0.751		0.010	1.005
7	0.849	230.9	5.49	0.00	0.62	0.810		0.661		0.828		0.013	1.007
8	0.846	230.1	5.49	0.00	0.96	0.934		0.885		0.942		0.028	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
351	571	1	66	5	0.851	1.496	733	231.6	457	74.2	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.851	231.6	3.52	0.02	-1.03	0.926		0.889		0.934		0.073	1.037
2	0.851	231.6	3.52	0.02	-0.53	0.711		0.525		0.734		0.080	1.041
3	0.851	231.6	3.52	0.02	-0.02	0.168		0.029		0.179		0.068	1.035
4	0.850	231.3	3.52	0.02	0.14	0.054		0.003		0.057		0.072	1.036
5	0.850	231.3	3.52	0.02	0.31	0.233		0.056		0.249		0.062	1.031
6	0.850	231.3	3.52	0.02	0.47	0.366		0.138		0.388		0.066	1.033
7	0.850	231.3	3.52	0.02	0.64	0.653		0.439		0.678		0.057	1.029
8	0.849	230.9	3.52	0.02	0.98	0.934		0.910		0.942		0.083	1.042

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
352	571	1	66	5	0.802	1.516	764	225.4	500	74.0	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	225.4	3.52	0.02	-1.03	0.906		0.847		0.915		0.074	1.033
2	0.801	224.9	3.52	0.02	-0.53	0.720		0.536		0.740		0.077	1.035
3	0.800	224.4	3.52	0.02	-0.03	0.247		0.063		0.261		0.074	1.033
4	0.800	224.4	3.52	0.02	0.14	0.219		0.049		0.232		0.066	1.030
5	0.801	224.9	3.52	0.02	0.31	0.301		0.093		0.318		0.064	1.029
6	0.802	225.4	3.52	0.02	0.47	0.488		0.244		0.511		0.054	1.024
7	0.801	224.9	3.52	0.02	0.64	0.696		0.495		0.717		0.050	1.023
8	0.800	224.4	3.52	0.02	0.97	0.934		0.901		0.940		0.076	1.034

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
353	571	1	66	5	0.802	1.517	764	225.4	500	73.9	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	225.4	5.49	0.44	-1.04	0.978		0.970		0.980		0.032	1.014
2	0.802	225.4	5.49	0.44	-0.71	0.887		0.796		0.898		0.027	1.012
3	0.801	224.9	5.49	0.44	-0.54	0.912		0.840		0.921		0.020	1.009
4	0.801	224.9	5.49	0.44	-0.21	0.836		0.705		0.851		0.016	1.007
5	0.799	224.4	5.49	0.44	-0.04	0.823		0.676		0.838		-0.002	0.999
6	0.799	224.4	5.49	0.44	0.13	0.802		0.645		0.819		0.005	1.002
7	0.798	223.9	5.49	0.44	0.29	0.818		0.670		0.834		0.004	1.002
8	0.798	223.9	5.49	0.44	0.46	0.848		0.720		0.862		0.004	1.002
9	0.798	223.9	5.49	0.44	0.63	0.897		0.809		0.907		0.012	1.005
10	0.798	223.9	5.49	0.44	0.96	0.961		0.935		0.965		0.027	1.012

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
354	571	1	66	5	0.799	1.515	764	224.4	502	73.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	224.4	5.49	0.00	-1.04	0.898		0.814		0.908		0.020	1.009
2	0.801	224.9	5.49	0.00	-0.54	0.833		0.696		0.848		0.005	1.002
3	0.801	224.9	5.49	0.00	-0.03	0.699		0.485		0.720		-0.013	0.994
4	0.801	224.9	5.49	0.00	0.14	0.701		0.490		0.722		-0.006	0.998
5	0.802	225.4	5.49	0.00	0.29	0.720		0.517		0.740		-0.007	0.997
6	0.802	225.4	5.49	0.00	0.45	0.749		0.564		0.768		0.010	1.005
7	0.800	225.0	5.49	0.00	0.62	0.816		0.668		0.832		0.009	1.004
8	0.800	225.0	5.49	0.00	0.97	0.944		0.901		0.950		0.024	1.011

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
355	571	1	66	5	0.799	1.515	764	224.4	502	73.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.799	224.4	5.49	-0.44	-1.04	0.976		0.965		0.978		0.032	1.014
2	0.799	224.4	5.49	-0.44	-0.71	0.931		0.876		0.938		0.023	1.010
3	0.801	224.9	5.49	-0.44	-0.54	0.854		0.733		0.868		0.010	1.005
4	0.801	224.9	5.49	-0.44	-0.20	0.800		0.640		0.816		0.004	1.002
5	0.801	224.9	5.49	-0.44	-0.04	0.779		0.608		0.797		0.004	1.002
6	0.798	223.9	5.49	-0.44	0.12	0.760		0.576		0.779		-0.006	0.997
7	0.799	224.4	5.49	-0.44	0.29	0.791		0.627		0.808		0.003	1.001
8	0.798	223.9	5.49	-0.44	0.46	0.828		0.687		0.843		0.004	1.002
9	0.799	224.4	5.49	-0.44	0.63	0.890		0.795		0.901		0.010	1.004
10	0.799	224.4	5.49	-0.44	0.96	0.962		0.937		0.966		0.029	1.013

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
356	571	1	66	5	0.802	1.515	763	224.8	500	73.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	224.8	6.99	-0.02	-1.06	0.905		0.825		0.914		0.020	1.009
2	0.799	223.8	6.99	-0.02	-0.55	0.846		0.718		0.860		0.005	1.002
3	0.800	224.3	6.99	-0.02	-0.05	0.782		0.612		0.800		0.001	1.000
4	0.801	224.9	6.98	-0.02	0.12	0.789		0.622		0.807		-0.001	0.999
5	0.801	224.9	6.99	-0.02	0.28	0.780		0.608		0.798		-0.002	0.999
6	0.801	224.9	6.98	-0.02	0.45	0.803		0.646		0.819		0.007	1.003
7	0.798	223.9	6.99	-0.02	0.61	0.840		0.708		0.854		0.009	1.004
8	0.798	223.9	6.98	-0.02	0.95	0.941		0.890		0.943		0.010	1.005

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
357	571	1	66	5	0.597	1.510	891	174.7	700	64.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.597	174.7	6.99	-0.02	-1.05	0.920		0.850		0.924		0.019	1.005
3	0.597	174.7	6.99	-0.02	-0.55	0.859		0.739		0.866		0.006	1.002
4	0.597	174.7	6.99	-0.02	-0.04	0.807		0.651		0.817		-0.004	0.999
5	0.598	175.3	6.99	-0.02	0.12	0.807		0.650		0.817		-0.008	0.998
6	0.601	176.5	6.99	-0.02	0.29	0.831		0.690		0.840		-0.001	1.000
7	0.600	175.9	6.99	-0.02	0.45	0.842		0.708		0.851		-0.009	0.998
8	0.600	175.9	6.99	-0.02	0.61	0.870		0.755		0.877		-0.010	0.998
9	0.600	175.9	6.99	-0.02	0.96	0.928		0.863		0.932		0.013	1.003

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
358	571	1	66	5	0.602	1.519	891	177.1	697	65.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.1	5.49	0.44	-1.04	0.980		0.965		0.982		0.017	1.004
2	0.602	177.1	5.49	0.44	-0.71	0.903		0.817		0.909		0.006	1.002
3	0.601	176.5	5.49	0.44	-0.54	0.917		0.841		0.922		0.002	1.000
4	0.603	177.1	5.49	0.44	-0.21	0.862		0.741		0.869		-0.006	0.998
5	0.603	177.1	5.49	0.44	-0.04	0.831		0.691		0.840		-0.004	0.999
6	0.601	176.5	5.49	0.44	0.12	0.835		0.697		0.843		0.002	1.000
7	0.600	175.9	5.49	0.44	0.29	0.829		0.689		0.838		0.014	1.003
8	0.597	174.7	5.49	0.44	0.47	0.859		0.740		0.866		0.012	1.003
9	0.598	175.3	5.49	0.44	0.63	0.883		0.782		0.889		0.012	1.003
10	0.598	175.3	5.49	0.44	0.97	0.966		0.935		0.968		0.010	1.002

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
359	571	1	66	5	0.601	1.515	891	176.5	698	65.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.601	176.5	5.49	0.00	-1.04	0.920		0.849		0.925		0.013	1.003
2	0.601	176.5	5.49	0.00	-0.54	0.837		0.703		0.846		0.013	1.003
3	0.601	176.5	5.49	0.00	-0.04	0.747		0.557		0.758		-0.006	0.998
4	0.601	176.5	5.49	0.00	0.13	0.761		0.578		0.772		-0.007	0.998
5	0.601	176.5	5.49	0.00	0.30	0.774		0.598		0.785		-0.006	0.998
6	0.601	176.5	5.49	0.00	0.46	0.818		0.668		0.827		-0.004	0.999
7	0.601	176.5	5.49	0.00	0.62	0.837		0.702		0.845		0.007	1.002
8	0.601	176.5	5.49	0.00	0.96	0.949		0.903		0.953		0.008	1.002

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
360	571	1	66	5	0.601	1.514	891	176.5	698	65.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.601	176.5	5.49	-0.44	-1.04	0.981		0.965		0.983		0.008	1.002
2	0.602	177.1	5.49	-0.44	-0.71	0.931		0.867		0.935		0.002	1.000
3	0.602	177.1	5.49	-0.44	-0.54	0.866		0.750		0.873		0.002	1.000
4	0.601	176.5	5.49	-0.44	-0.20	0.810		0.657		0.820		-0.001	1.000
5	0.601	176.5	5.49	-0.44	-0.04	0.796		0.633		0.806		-0.003	0.999
6	0.601	176.5	5.49	-0.44	0.13	0.801		0.642		0.811		-0.002	0.999
7	0.601	176.5	5.49	-0.44	0.29	0.826		0.681		0.835		-0.004	0.999
8	0.601	176.5	5.49	-0.44	0.47	0.856		0.733		0.864		0.003	1.001
9	0.600	175.9	5.49	-0.44	0.63	0.886		0.785		0.892		0.003	1.001
10	0.600	175.9	5.49	-0.44	0.97	0.955		0.915		0.958		0.013	1.003

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
361	571	1	66	5	0.602	1.515	891	177.1	697	65.9	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.602	177.1	3.52	0.02	-1.03	0.945		0.901		0.948		0.038	1.010
2	0.602	177.1	3.52	0.02	-0.53	0.780		0.616		0.790		0.050	1.013
3	0.601	176.5	3.52	0.02	-0.02	0.477		0.230		0.490		0.036	1.009
4	0.602	177.1	3.52	0.02	0.14	0.493		0.244		0.506		0.025	1.006
5	0.602	177.1	3.52	0.02	0.31	0.528		0.280		0.541		0.021	1.005
6	0.601	176.5	3.52	0.02	0.48	0.675		0.458		0.688		0.018	1.005
7	0.602	177.1	3.52	0.02	0.64	0.791		0.633		0.801		0.041	1.010
8	0.601	176.5	3.52	0.02	0.97	0.949		0.914		0.952		0.055	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
362	571	1	66	5	0.251	1.517	1875	79.4	1794	64.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.4	3.52	0.02	-1.03	0.959	0.000	0.920	0.000	0.960	0.000	0.001	1.000
2	0.250	78.8	3.52	0.02	-0.53	0.804	0.000	0.647	0.000	0.806	0.000	-0.010	1.000
3	0.252	79.4	3.52	0.02	-0.02	0.536	0.000	0.287	0.000	0.538	0.000	-0.001	1.000
4	0.250	78.8	3.52	0.02	0.14	0.614	0.000	0.376	0.000	0.616	0.000	-0.012	0.999
5	0.250	78.8	3.52	0.02	0.31	0.668	0.000	0.445	0.000	0.670	0.000	-0.010	1.000
6	0.250	78.8	3.52	0.02	0.48	0.752	0.000	0.566	0.000	0.754	0.000	-0.008	1.000
7	0.250	78.8	3.52	0.02	0.64	0.823	0.000	0.676	0.000	0.824	0.000	-0.010	1.000
8	0.250	78.8	3.52	0.02	0.98	0.970	0.000	0.941	0.000	0.970	0.000	-0.001	1.000

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
363	571	1	66	5	0.250	1.510	1874	78.8	1794	64.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	5.49	0.44	-1.04	0.975	0.000	0.951	0.000	0.976	0.000	-0.010	1.000
2	0.250	78.8	5.49	0.44	-0.70	0.909	0.000	0.825	0.000	0.910	0.000	-0.021	0.999
3	0.250	78.8	5.49	0.44	-0.54	0.914	0.000	0.834	0.000	0.915	0.000	-0.032	0.999
4	0.250	78.8	5.49	0.44	-0.21	0.863	0.000	0.743	0.000	0.864	0.000	-0.025	0.999
5	0.250	78.8	5.49	0.44	-0.04	0.833	0.000	0.692	0.000	0.834	0.000	-0.025	0.999
6	0.250	78.8	5.49	0.44	0.12	0.836	0.000	0.698	0.000	0.837	0.000	-0.025	0.999
7	0.250	78.8	5.49	0.44	0.29	0.863	0.000	0.743	0.000	0.864	0.000	-0.037	0.998
8	0.250	78.8	5.49	0.44	0.47	0.888	0.000	0.787	0.000	0.889	0.000	-0.041	0.998
9	0.250	78.8	5.49	0.44	0.63	0.919	0.000	0.843	0.000	0.920	0.000	-0.034	0.999
10	0.250	78.8	5.49	0.44	0.96	0.946	0.000	0.894	0.000	0.946	0.000	-0.021	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
364	571	1	66	5	0.252	1.517	1874	79.4	1794	64.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.252	79.4	5.49	0.00	-1.04	0.928	0.000	0.860	0.000	0.928	0.000	-0.014	0.999
2	0.252	79.4	5.49	0.00	-0.54	0.848	0.000	0.718	0.000	0.849	0.000	-0.024	0.999
3	0.252	79.4	5.49	0.00	-0.04	0.797	0.000	0.634	0.000	0.799	0.000	-0.032	0.999
4	0.252	79.4	5.49	0.00	0.13	0.798	0.000	0.636	0.000	0.800	0.000	-0.040	0.998
5	0.252	79.4	5.49	0.00	0.29	0.807	0.000	0.650	0.000	0.808	0.000	-0.028	0.999
6	0.252	79.4	5.49	0.00	0.46	0.831	0.000	0.690	0.000	0.833	0.000	-0.024	0.999
7	0.250	78.8	5.49	0.00	0.62	0.856	0.000	0.731	0.000	0.857	0.000	-0.032	0.999
8	0.249	78.1	5.49	0.00	0.97	0.930	0.000	0.864	0.000	0.931	0.000	-0.019	0.999

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
365	571	1	66	5	0.250	1.511	1874	78.8	1794	64.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	5.48	-0.44	-1.05	0.967	0.000	0.934	0.000	0.967	0.000	-0.014	0.999
2	0.250	78.8	5.48	-0.44	-0.71	0.911	0.000	0.829	0.000	0.912	0.000	-0.028	0.999
3	0.250	78.8	5.49	-0.44	-0.54	0.846	0.000	0.715	0.000	0.848	0.000	-0.034	0.999
4	0.250	78.8	5.49	-0.44	-0.20	0.819	0.000	0.670	0.000	0.821	0.000	-0.037	0.998
5	0.252	79.4	5.49	-0.44	-0.04	0.839	0.000	0.704	0.000	0.841	0.000	-0.030	0.999
6	0.250	78.8	5.49	-0.44	0.12	0.809	0.000	0.654	0.000	0.811	0.000	-0.030	0.999
7	0.252	79.4	5.49	-0.44	0.29	0.848	0.000	0.718	0.000	0.849	0.000	-0.030	0.999
8	0.252	79.4	5.49	-0.44	0.46	0.850	0.000	0.721	0.000	0.851	0.000	-0.033	0.999
9	0.250	78.8	5.49	-0.44	0.63	0.938	0.000	0.878	0.000	0.938	0.000	-0.025	0.999
10	0.250	78.8	5.48	-0.44	0.96	0.968	0.000	0.935	0.000	0.968	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
366	571	1	66	5	0.250	1.511	1874	78.8	1794	64.4	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.250	78.8	6.98	-0.02	-1.05	0.929	0.000	0.862	0.000	0.930	0.000	-0.014	0.999
2	0.249	78.1	6.98	-0.02	-0.56	0.854	0.000	0.729	0.000	0.856	0.000	-0.034	0.999
3	0.249	78.1	6.98	-0.02	-0.05	0.829	0.000	0.686	0.000	0.831	0.000	-0.039	0.998
4	0.249	78.1	6.98	-0.02	0.12	0.828	0.000	0.684	0.000	0.830	0.000	-0.043	0.998
5	0.250	78.8	6.98	-0.02	0.29	0.873	0.000	0.761	0.000	0.874	0.000	-0.046	0.998
6	0.250	78.8	6.98	-0.02	0.45	0.866	0.000	0.748	0.000	0.867	0.000	-0.034	0.999
7	0.250	78.8	6.98	-0.02	0.61	0.863	0.000	0.743	0.000	0.864	0.000	-0.032	0.999
8	0.250	78.8	6.98	-0.02	0.95	0.934	0.000	0.871	0.000	0.935	0.000	-0.028	0.999

Table 2(d)

Configuration 7 – Ablated model mounted on short sting and strut supported from ceiling of wind tunnel test section aft-facing pitot-static probe.

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
367	571	1	66	7	0.951	1.480	682	241.2	381	66.2	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.951	241.2	0.53	0.01	0.18	0.228	0.256	0.039	0.049	0.247	0.277	-0.411	0.740
3	0.951	241.2	0.82	0.01	0.18	0.310	0.208	0.069	0.031	0.334	0.225	-0.451	0.714
4	0.950	240.7	1.11	0.00	0.18	0.315	0.157	0.069	0.017	0.340	0.171	-0.477	0.698
5	0.950	240.7	1.40	0.00	0.18	0.354	0.221	0.087	0.034	0.381	0.239	-0.479	0.697
6	0.949	240.3	1.69	-0.00	0.18	0.436	0.294	0.134	0.061	0.465	0.316	-0.469	0.704
7	0.951	241.2	1.98	-0.01	0.18	0.480	0.379	0.168	0.105	0.511	0.407	-0.424	0.731
8	0.951	241.2	2.26	-0.01	0.17	0.430	0.346	0.147	0.095	0.460	0.372	-0.325	0.795
9	0.951	241.2	2.55	-0.01	0.17	0.381	0.342	0.123	0.099	0.408	0.368	-0.242	0.847
10	0.951	241.2	2.85	-0.01	0.17	0.234	0.236	0.050	0.051	0.253	0.255	-0.132	0.916
11	0.951	241.2	3.13	-0.02	0.17	0.000	0.040	0.000	0.002	0.000	0.044	-0.040	0.975
12	0.951	241.2	3.44	-0.02	0.17		0.000		0.000		0.000	0.012	1.008
13	0.951	240.7	3.72	-0.02	0.16	0.000		0.000		0.000		0.041	1.026
14	0.952	241.2	4.01	-0.03	0.16	0.000	0.000	0.000	0.000	0.000	0.000	0.044	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
368	571	1	66	7	0.950	1.473	681	240.7	381	67.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.950	240.7	0.53	0.01	0.25	0.257	0.247	0.048	0.045	0.277	0.267	-0.417	0.737
2	0.950	240.7	0.82	0.01	0.25	0.337	0.236	0.080	0.040	0.362	0.256	-0.462	0.708
3	0.950	240.7	1.11	0.00	0.25	0.285	0.164	0.056	0.019	0.308	0.178	-0.488	0.692
4	0.951	241.2	1.40	0.00	0.25	0.337	0.191	0.078	0.025	0.362	0.207	-0.496	0.686
5	0.951	241.2	1.68	-0.00	0.24	0.368	0.269	0.095	0.050	0.395	0.290	-0.476	0.699
6	0.951	241.2	1.98	-0.01	0.24	0.439	0.346	0.140	0.087	0.469	0.372	-0.431	0.727
7	0.951	241.2	2.27	-0.01	0.24	0.405	0.354	0.129	0.098	0.434	0.380	-0.341	0.784
8	0.951	241.2	2.55	-0.01	0.24	0.356	0.300	0.108	0.076	0.383	0.323	-0.239	0.849
9	0.950	240.7	2.85	-0.01	0.24	0.215	0.201	0.043	0.037	0.233	0.218	-0.124	0.922
10	0.948	240.3	3.14	-0.02	0.23	0.000	0.041	0.000	0.002	0.000	0.045	-0.045	0.971
11	0.951	241.2	3.44	-0.02	0.23	0.000	0.000	0.000	0.000	0.000	0.000	0.005	1.003
12	0.951	241.2	3.73	-0.02	0.23	0.000		0.000		0.000		0.038	1.024
13	0.950	240.7	4.01	-0.03	0.23	0.000		0.000		0.000		0.035	1.022

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
369	571	1	66	7	0.950	1.485	689	243.5	385	68.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.950	243.5	0.53	0.01	0.40	0.267	0.184	0.053	0.025	0.289	0.199	-0.407	0.743
2	0.949	243.0	0.82	0.01	0.40	0.265	0.000	0.051	0.000	0.286	0.000	-0.441	0.722
3	0.949	243.0	1.11	0.00	0.40	0.251		0.044		0.272		-0.485	0.694
4	0.949	243.1	1.41	0.00	0.39	0.169	0.000	0.020	0.000	0.184	0.000	-0.495	0.688
5	0.949	243.1	1.69	-0.00	0.39	0.204	0.173	0.029	0.021	0.221	0.187	-0.485	0.694
6	0.949	243.1	1.99	-0.01	0.39	0.268	0.299	0.052	0.065	0.289	0.322	-0.437	0.725
7	0.949	243.6	2.27	-0.01	0.39	0.243	0.296	0.046	0.068	0.263	0.319	-0.358	0.774
8	0.949	243.6	2.56	-0.01	0.39	0.177	0.233	0.026	0.046	0.191	0.252	-0.246	0.845
9	0.949	243.6	2.85	-0.01	0.38	0.060	0.130	0.003	0.015	0.065	0.141	-0.147	0.907
10	0.949	243.0	3.14	-0.02	0.38	0.000	0.000	0.000	0.000	0.000	0.000	-0.074	0.953
11	0.950	243.0	3.44	-0.02	0.38	0.000	0.000	0.000	0.000	0.000	0.000	-0.008	0.995
12	0.952	243.5	3.73	-0.02	0.38							0.029	1.019
13	0.952	243.5	4.02	-0.03	0.38	0.000		0.000		0.000		0.029	1.019

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
370	571	1	66	7	0.948	1.480	688	242.7	386	69.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.948	242.7	0.53	0.01	0.50	0.196		0.029		0.212		-0.402	0.748
2	0.947	242.1	0.82	0.01	0.50	0.164		0.019		0.177		-0.444	0.721
3	0.947	242.1	1.11	0.00	0.50	0.148		0.015		0.160		-0.484	0.696
4	0.947	242.1	1.41	0.00	0.50	0.000		0.000		0.000		-0.495	0.689
5	0.949	243.0	1.69	-0.00	0.49	0.064		0.003		0.070		-0.479	0.698
6	0.948	242.7	1.98	-0.01	0.49	0.139	0.185	0.014	0.025	0.151	0.200	-0.434	0.727
7	0.949	243.1	2.27	-0.01	0.49	0.000	0.184	0.000	0.027	0.000	0.200	-0.342	0.784
8	0.950	243.5	2.56	-0.01	0.49	0.049	0.109	0.002	0.010	0.053	0.119	-0.246	0.845
9	0.949	243.0	2.85	-0.01	0.49	0.000	0.042	0.000	0.002	0.000	0.045	-0.151	0.905
10	0.948	242.6	3.14	-0.02	0.48							-0.070	0.956
11	0.950	243.0	3.44	-0.02	0.48							-0.011	0.993
12	0.949	242.5	3.73	-0.02	0.48							0.019	1.012
13	0.951	242.9	4.01	-0.03	0.48							0.022	1.014

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
371	571	1	66	7	0.899	1.482	704	235.6	416	70.1	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.899	235.6	0.53	0.01	0.18	0.248	0.257	0.048	0.051	0.266	0.276	-0.395	0.777
2	0.902	236.4	0.82	0.01	0.18	0.298	0.173	0.066	0.022	0.319	0.186	-0.442	0.748
3	0.906	237.1	1.11	0.00	0.18	0.345	0.168	0.087	0.021	0.368	0.181	-0.460	0.736
4	0.904	236.2	1.41	0.00	0.18	0.411	0.242	0.124	0.043	0.437	0.260	-0.461	0.736
5	0.901	234.8	1.69	-0.00	0.18	0.474	0.300	0.168	0.067	0.502	0.321	-0.447	0.746
6	0.900	234.9	1.98	-0.01	0.18	0.484	0.386	0.181	0.115	0.512	0.411	-0.398	0.774
7	0.901	235.4	2.27	-0.01	0.17	0.456	0.359	0.174	0.108	0.484	0.383	-0.291	0.835
8	0.899	235.1	2.56	-0.01	0.17	0.352	0.301	0.111	0.081	0.375	0.322	-0.182	0.897
9	0.897	234.6	2.85	-0.01	0.17	0.207	0.201	0.041	0.038	0.222	0.216	-0.082	0.954
10	0.899	235.6	3.14	-0.02	0.17	0.054	0.070	0.003	0.005	0.059	0.076	-0.012	0.993
11	0.900	236.0	3.44	-0.02	0.17	0.000		0.000		0.000		0.035	1.020
12	0.902	236.4	3.73	-0.02	0.16	0.000		0.000		0.000		0.052	1.029
13	0.903	236.8	4.01	-0.03	0.16	0.000		0.000		0.000		0.057	1.033

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
372	571	1	66	7	0.902	1.479	702	235.8	414	70.5	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.902	235.8	0.53	0.01	0.25	0.239	0.224	0.045	0.039	0.256	0.240	-0.370	0.789
2	0.901	235.4	0.82	0.01	0.25	0.365	0.279	0.101	0.059	0.389	0.298	-0.417	0.763
3	0.899	235.0	1.11	0.00	0.25	0.375	0.208	0.104	0.032	0.400	0.224	-0.455	0.743
4	0.899	235.0	1.41	0.00	0.24	0.404	0.247	0.119	0.045	0.430	0.265	-0.475	0.731
5	0.898	234.6	1.69	-0.00	0.24	0.453	0.313	0.151	0.072	0.480	0.335	-0.468	0.736
6	0.898	234.6	1.98	-0.01	0.24	0.442	0.328	0.150	0.082	0.469	0.351	-0.414	0.766
7	0.898	234.6	2.27	-0.01	0.24	0.428	0.339	0.150	0.094	0.455	0.362	-0.320	0.820
8	0.898	234.6	2.56	-0.01	0.24	0.357	0.306	0.112	0.082	0.381	0.328	-0.224	0.873
9	0.898	234.6	2.85	-0.01	0.24	0.173	0.126	0.028	0.015	0.186	0.135	-0.106	0.940
10	0.899	235.0	3.14	-0.02	0.23	0.023	0.083	0.001	0.007	0.025	0.090	-0.032	0.982
11	0.901	235.4	3.44	-0.02	0.23							0.034	1.019
12	0.902	235.8	3.73	-0.02	0.23							0.062	1.035
13	0.902	235.8	4.01	-0.03	0.23	0.000		0.000		0.000		0.068	1.039

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
373	571	1	66	7	0.899	1.475	702	235.0	415	70.9	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.899	235.0	0.53	0.01	0.40	0.279	0.184	0.061	0.027	0.299	0.198	-0.381	0.785
2	0.900	235.5	0.82	0.01	0.40	0.276		0.058		0.295		-0.419	0.762
3	0.900	235.5	1.11	0.00	0.40	0.297		0.065		0.318		-0.466	0.736
4	0.900	235.5	1.41	0.00	0.40	0.293	0.039	0.062	0.001	0.314	0.042	-0.493	0.720
5	0.900	235.5	1.69	-0.00	0.39	0.269	0.228	0.052	0.038	0.288	0.244	-0.481	0.727
6	0.902	235.9	1.98	-0.01	0.39	0.243	0.306	0.044	0.070	0.260	0.327	-0.436	0.752
7	0.900	234.9	2.27	-0.01	0.39	0.192	0.278	0.030	0.063	0.206	0.298	-0.340	0.807
8	0.900	234.9	2.56	-0.01	0.39	0.179	0.241	0.028	0.050	0.193	0.258	-0.229	0.870
9	0.900	234.9	2.85	-0.01	0.39	0.000	0.113	0.000	0.012	0.000	0.122	-0.115	0.935
10	0.901	235.4	3.14	-0.02	0.38		0.000		0.000		0.000	-0.025	0.986
11	0.901	235.4	3.44	-0.02	0.38							0.033	1.019
12	0.901	235.4	3.73	-0.02	0.38							0.058	1.033
13	0.898	234.5	4.01	-0.03	0.38	0.000		0.000		0.000		0.055	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
374	571	1	66	7	0.898	1.473	701	234.5	415	71.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.898	234.5	0.53	0.01	0.50	0.144		0.016		0.155		-0.367	0.793
2	0.899	235.1	0.82	0.01	0.50	0.275		0.058		0.295		-0.412	0.767
3	0.899	235.1	1.11	0.00	0.50	0.178		0.024		0.191		-0.455	0.742
4	0.899	235.1	1.41	0.00	0.50							-0.458	0.741
5	0.900	235.5	1.69	-0.00	0.49	0.082		0.005		0.088		-0.480	0.728
6	0.903	236.3	1.99	-0.01	0.49	0.130	0.147	0.013	0.016	0.140	0.159	-0.433	0.753
7	0.905	236.7	2.27	-0.01	0.49	0.113	0.202	0.010	0.033	0.122	0.217	-0.332	0.810
8	0.902	235.8	2.56	-0.01	0.49	0.143	0.210	0.018	0.039	0.154	0.226	-0.224	0.872
9	0.900	234.9	2.85	-0.01	0.49	0.000	0.000	0.000	0.000	0.000	0.000	-0.120	0.932
10	0.902	235.9	3.14	-0.02	0.48							-0.029	0.983
11	0.902	235.9	3.44	-0.02	0.48							0.023	1.013
12	0.902	235.9	3.73	-0.02	0.48							0.043	1.025
13	0.900	235.5	4.01	-0.03	0.48							0.035	1.020

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
375	571	1	66	7	0.850	1.497	730	230.1	455	71.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.850	230.1	0.53	0.01	0.18	0.238	0.181	0.045	0.026	0.254	0.193	-0.411	0.792
2	0.852	230.8	0.82	0.01	0.18	0.297	0.189	0.068	0.028	0.316	0.202	-0.447	0.773
3	0.852	230.8	1.11	0.00	0.18	0.419	0.202	0.133	0.031	0.443	0.215	-0.471	0.760
4	0.852	230.9	1.40	0.00	0.18	0.441	0.242	0.149	0.045	0.466	0.257	-0.462	0.765
5	0.852	230.9	1.69	-0.00	0.18	0.512	0.337	0.203	0.088	0.538	0.358	-0.445	0.774
6	0.850	230.1	1.98	-0.01	0.18	0.519	0.396	0.218	0.127	0.544	0.419	-0.375	0.810
7	0.847	229.4	2.27	-0.01	0.17	0.457	0.357	0.179	0.110	0.481	0.379	-0.280	0.859
8	0.849	230.3	2.56	-0.01	0.17	0.343	0.276	0.107	0.069	0.364	0.294	-0.180	0.909
9	0.850	230.7	2.85	-0.01	0.17	0.186	0.145	0.034	0.020	0.199	0.155	-0.058	0.971
10	0.850	230.7	3.14	-0.02	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.022	1.011
11	0.849	230.2	3.44	-0.02	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.058	1.029
12	0.848	229.9	3.73	-0.02	0.16	0.000		0.000		0.000		0.066	1.033
13	0.848	229.9	4.01	-0.03	0.16	0.000		0.000		0.000		0.063	1.031

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
376	571	1	66	7	0.848	1.497	731	229.9	457	71.6	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.848	229.9	0.53	0.01	0.25	0.254	0.254	0.052	0.052	0.270	0.271	-0.394	0.802
2	0.850	230.7	0.80	0.01	0.25	0.340	0.248	0.090	0.048	0.361	0.264	-0.433	0.781
3	0.851	230.6	1.11	0.00	0.25	0.365	0.169	0.101	0.022	0.387	0.181	-0.472	0.761
4	0.852	230.9	1.41	0.00	0.24	0.408	0.255	0.126	0.049	0.432	0.271	-0.483	0.754
5	0.851	230.6	1.69	-0.00	0.24	0.469	0.321	0.167	0.078	0.494	0.341	-0.476	0.759
6	0.852	230.9	1.98	-0.01	0.24	0.457	0.338	0.164	0.090	0.481	0.359	-0.424	0.785
7	0.852	230.9	2.27	-0.01	0.24	0.406	0.351	0.137	0.103	0.429	0.373	-0.327	0.834
8	0.853	231.3	2.56	-0.01	0.24	0.288	0.284	0.074	0.072	0.307	0.302	-0.207	0.894
9	0.854	231.2	2.85	-0.01	0.24	0.135	0.123	0.018	0.015	0.145	0.131	-0.070	0.964
10	0.851	230.5	3.13	-0.02	0.23	0.000	0.040	0.000	0.002	0.000	0.043	0.012	1.006
11	0.851	230.6	3.44	-0.02	0.23	0.000		0.000		0.000		0.048	1.024
12	0.851	231.0	3.73	-0.02	0.23	0.000		0.000		0.000		0.065	1.033
13	0.851	230.6	4.01	-0.03	0.23							0.059	1.030

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
377	571	1	66	7	0.853	1.502	727	230.1	452	69.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
2	0.853	230.1	0.53	0.01	0.40	0.251	0.174	0.051	0.025	0.267	0.186	-0.374	0.810
3	0.850	229.4	0.81	0.01	0.40	0.222	0.000	0.039	0.000	0.237	0.000	-0.418	0.788
4	0.848	228.6	1.10	0.00	0.40	0.271	0.075	0.056	0.004	0.288	0.080	-0.465	0.766
5	0.848	228.6	1.41	0.00	0.40	0.266	0.000	0.053	0.000	0.283	0.000	-0.498	0.749
6	0.850	229.0	1.69	-0.00	0.39	0.320	0.145	0.078	0.016	0.340	0.155	-0.482	0.756
7	0.850	229.0	1.98	-0.01	0.39	0.304	0.303	0.072	0.072	0.323	0.322	-0.429	0.783
8	0.850	228.9	2.27	-0.01	0.39	0.263	0.311	0.058	0.061	0.280	0.330	-0.324	0.836
9	0.851	229.3	2.56	-0.01	0.39	0.140	0.243	0.018	0.053	0.150	0.258	-0.198	0.900
10	0.851	229.3	2.85	-0.01	0.38	0.084	0.168	0.007	0.027	0.039	0.180	-0.088	0.956
11	0.852	229.8	3.13	-0.02	0.38							0.006	1.003
12	0.852	229.8	3.44	-0.02	0.38							0.045	1.023
13	0.852	229.8	3.72	-0.02	0.38							0.058	1.029
14	0.850	229.0	4.01	-0.03	0.38							0.055	1.028

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
378	571	1	66	7	0.849	1.494	726	228.5	453	69.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.849	228.5	0.53	0.01	0.50	0.124		0.013		0.133		-0.368	0.814
2	0.848	228.6	0.81	0.01	0.50	0.225		0.040		0.240		-0.414	0.792
3	0.849	229.1	1.11	0.00	0.50	0.203		0.032		0.216		-0.461	0.767
4	0.854	230.5	1.40	0.00	0.50	0.199		0.029		0.212		-0.500	0.745
5	0.854	230.5	1.69	-0.00	0.49	0.114	0.000	0.010	0.000	0.122	0.000	-0.474	0.758
6	0.854	230.0	1.98	-0.01	0.49	0.163	0.234	0.021	0.043	0.174	0.249	-0.413	0.789
7	0.852	229.7	2.27	-0.01	0.49	0.156	0.249	0.021	0.052	0.167	0.266	-0.313	0.841
8	0.852	229.8	2.55	-0.01	0.49	0.033	0.114	0.001	0.012	0.035	0.122	-0.185	0.906
9	0.852	229.7	2.85	-0.01	0.49		0.000		0.000		0.000	-0.090	0.954
10	0.852	230.3	3.14	-0.02	0.48							-0.011	0.995
11	0.851	230.0	3.44	-0.02	0.48							0.040	1.020
12	0.851	230.0	3.73	-0.02	0.48							0.045	1.023
13	0.853	230.2	4.01	-0.03	0.48							0.039	1.020

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
379	571	1	66	7	0.798	1.520	762	223.3	500	70.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.798	223.3	0.53	0.01	0.18	0.237	0.189	0.046	0.030	0.251	0.201	-0.389	0.827
2	0.799	223.8	0.82	0.01	0.18	0.371	0.203	0.110	0.033	0.390	0.216	-0.442	0.802
3	0.798	223.3	1.11	0.00	0.18	0.444	0.252	0.155	0.050	0.466	0.267	-0.484	0.784
4	0.797	222.8	1.41	0.00	0.18	0.475	0.306	0.177	0.073	0.497	0.323	-0.490	0.782
5	0.799	223.2	1.69	-0.00	0.18	0.512	0.394	0.208	0.123	0.535	0.414	-0.461	0.794
6	0.798	222.7	1.98	-0.01	0.18	0.492	0.381	0.200	0.120	0.515	0.401	-0.390	0.826
7	0.798	222.7	2.27	-0.01	0.17	0.332	0.269	0.098	0.065	0.350	0.284	-0.235	0.895
8	0.798	222.7	2.56	-0.01	0.17	0.257	0.244	0.063	0.056	0.272	0.258	-0.127	0.943
9	0.798	222.7	2.85	-0.01	0.17	0.000	0.000	0.000	0.000	0.000	0.000	-0.008	0.996
10	0.798	222.7	3.13	-0.02	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.036	1.016
11	0.798	222.7	3.44	-0.02	0.17							0.067	1.030
12	0.798	222.7	3.73	-0.02	0.16	0.000		0.000		0.000		0.053	1.024
13	0.797	222.7	4.01	-0.03	0.16							0.050	1.022

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
380	571	1	66	7	0.802	1.520	760	224.2	497	70.8	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.802	224.2	0.53	0.01	0.25	0.227	0.173	0.042	0.025	0.241	0.184	-0.400	0.820
2	0.804	224.6	0.82	0.01	0.25	0.378	0.231	0.114	0.042	0.399	0.244	-0.449	0.797
3	0.804	224.6	1.11	0.00	0.25	0.377	0.235	0.112	0.043	0.397	0.248	-0.472	0.787
4	0.801	223.6	1.41	0.00	0.24	0.459	0.278	0.164	0.060	0.481	0.294	-0.491	0.780
5	0.801	223.7	1.69	-0.00	0.24	0.445	0.343	0.157	0.093	0.467	0.361	-0.463	0.792
6	0.802	224.2	1.99	-0.01	0.24	0.423	0.351	0.147	0.102	0.444	0.370	-0.390	0.824
7	0.800	223.7	2.27	-0.01	0.24	0.364	0.354	0.116	0.110	0.384	0.373	-0.274	0.877
8	0.801	224.2	2.55	-0.01	0.24	0.194	0.233	0.035	0.051	0.205	0.247	-0.142	0.936
9	0.799	223.2	2.85	-0.01	0.24	0.000	0.084	0.000	0.007	0.000	0.089	-0.030	0.986
10	0.799	223.2	3.14	-0.02	0.23	0.000	0.000	0.000	0.000	0.000	0.000	0.028	1.012
11	0.799	223.2	3.44	-0.02	0.23	0.000		0.000		0.000		0.051	1.023
12	0.801	223.7	3.73	-0.02	0.23							0.054	1.024
13	0.799	223.2	4.01	-0.03	0.23							0.054	1.024

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
381	571	1	66	7	0.801	1.517	760	223.7	498	71.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.801	223.7	0.53	0.01	0.40	0.232	0.074	0.044	0.004	0.246	0.078	-0.391	0.824
2	0.799	222.6	0.82	0.01	0.40	0.273	0.000	0.060	0.000	0.288	0.000	-0.424	0.811
3	0.799	223.2	1.11	0.00	0.40	0.346	0.000	0.093	0.000	0.364	0.000	-0.488	0.782
4	0.799	223.2	1.40	0.00	0.39	0.285	0.030	0.063	0.001	0.301	0.032	-0.504	0.775
5	0.799	223.2	1.69	-0.00	0.39	0.306	0.233	0.073	0.042	0.323	0.247	-0.493	0.780
6	0.800	223.7	1.99	-0.01	0.39	0.241	0.312	0.047	0.080	0.255	0.330	-0.408	0.817
7	0.800	223.7	2.26	-0.01	0.39	0.146	0.259	0.019	0.059	0.155	0.274	-0.276	0.876
8	0.800	223.7	2.56	-0.01	0.39	0.000	0.127	0.000	0.015	0.000	0.134	-0.143	0.936
9	0.801	224.2	2.84	-0.01	0.38	0.000	0.000	0.000	0.000	0.000	0.000	-0.036	0.984
10	0.800	223.7	3.14	-0.02	0.38							0.028	1.012
11	0.799	223.2	3.44	-0.02	0.38	0.000		0.000		0.000		0.037	1.017
12	0.801	223.7	3.72	-0.02	0.38	0.000		0.000		0.000		0.039	1.017
13	0.800	223.1	4.01	-0.03	0.38							0.042	1.019

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
382	571	1	66	7	0.800	1.518	761	223.7	499	71.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.800	223.7	0.53	0.01	0.50	0.182		0.027		0.193		-0.393	0.824
2	0.800	223.7	0.82	0.01	0.50	0.221		0.039		0.234		-0.429	0.808
3	0.800	223.7	1.10	0.00	0.50	0.234		0.043		0.248		-0.485	0.782
4	0.802	224.2	1.40	0.00	0.49	0.157		0.019		0.166		-0.506	0.772
5	0.801	223.7	1.69	-0.00	0.49	0.131	0.105	0.013	0.009	0.139	0.111	-0.479	0.785
6	0.801	223.7	1.98	-0.01	0.49	0.134	0.244	0.015	0.049	0.142	0.259	-0.404	0.819
7	0.801	223.7	2.26	-0.01	0.49	0.165	0.256	0.024	0.057	0.175	0.271	-0.295	0.868
8	0.801	223.7	2.56	-0.01	0.49	0.000	0.119	0.000	0.013	0.000	0.126	-0.148	0.934
9	0.801	223.7	2.84	-0.01	0.48							-0.052	0.976
10	0.801	223.7	3.14	-0.02	0.48							0.014	1.006
11	0.801	223.7	3.44	-0.02	0.48	0.000		0.000		0.000		0.037	1.016
12	0.799	223.2	3.72	-0.02	0.48							0.039	1.018
13	0.799	223.2	4.01	-0.03	0.48							0.042	1.019

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
383	571	1	66	7	0.601	1.513	900	178.5	705	70.3	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.601	178.5	0.53	0.01	0.18	0.298	0.244	0.080	0.054	0.308	0.252	-0.382	0.903
2	0.599	177.3	0.82	0.01	0.18	0.410	0.360	0.148	0.114	0.422	0.371	-0.466	0.883
3	0.597	176.7	1.10	0.00	0.18	0.502	0.370	0.221	0.120	0.515	0.381	-0.496	0.876
4	0.597	176.7	1.41	0.00	0.18	0.536	0.394	0.253	0.137	0.549	0.406	-0.486	0.879
5	0.597	176.7	1.69	-0.00	0.18	0.494	0.375	0.220	0.126	0.507	0.386	-0.401	0.900
6	0.597	176.7	1.99	-0.01	0.18	0.373	0.340	0.130	0.109	0.384	0.351	-0.252	0.937
7	0.600	177.9	2.26	-0.01	0.17	0.140	0.159	0.019	0.025	0.145	0.165	-0.090	0.977
8	0.599	177.3	2.56	-0.01	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.015	1.004
9	0.599	177.3	2.85	-0.01	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.048	1.012
10	0.600	177.9	3.13	-0.02	0.17	0.000		0.000		0.000		0.043	1.011
11	0.600	177.9	3.43	-0.02	0.17	0.000		0.000		0.000		0.023	1.006
12	0.601	178.5	3.72	-0.02	0.16							0.030	1.008
13	0.600	177.9	4.01	-0.03	0.16							-0.001	1.000

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
384	571	1	66	7	0.600	1.511	899	177.9	705	70.0	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.9	0.53	0.01	0.25	0.271	0.191	0.066	0.032	0.280	0.197	-0.435	0.890
2	0.602	178.5	0.82	0.01	0.25	0.361	0.236	0.115	0.049	0.372	0.244	-0.474	0.880
3	0.601	178.5	1.11	0.00	0.25	0.490	0.294	0.209	0.075	0.503	0.304	-0.510	0.871
4	0.601	178.5	1.41	0.00	0.24	0.493	0.362	0.213	0.115	0.506	0.373	-0.494	0.875
5	0.600	177.9	1.69	-0.00	0.24	0.446	0.313	0.180	0.088	0.459	0.323	-0.388	0.902
6	0.599	177.3	1.98	-0.01	0.24	0.324	0.331	0.098	0.103	0.334	0.341	-0.245	0.939
7	0.599	177.3	2.27	-0.01	0.24	0.165	0.299	0.026	0.087	0.170	0.308	-0.115	0.971
8	0.597	176.7	2.56	-0.01	0.24	0.000	0.000	0.000	0.000	0.000	0.000	0.008	1.002
9	0.600	177.9	2.85	-0.01	0.24	0.000	0.000	0.000	0.000	0.000	0.000	0.038	1.010
10	0.600	177.9	3.13	-0.02	0.23	0.000		0.000		0.000		0.047	1.012
11	0.601	178.5	3.44	-0.02	0.23	0.000		0.000		0.000		0.041	1.010
12	0.600	177.9	3.73	-0.02	0.23	0.000		0.000		0.000		0.011	1.003
13	0.602	178.5	4.01	-0.03	0.23							0.011	1.003

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
385	571	1	66	7	0.600	1.512	900	177.9	706	69.7	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.9	0.53	0.01	0.40	0.237	0.122	0.051	0.013	0.245	0.126	-0.408	0.897
2	0.600	177.9	0.82	0.01	0.40	0.360	0.000	0.114	0.000	0.371	0.000	-0.476	0.880
3	0.600	177.9	1.10	0.00	0.40	0.317	0.116	0.087	0.012	0.327	0.120	-0.549	0.862
4	0.599	177.3	1.41	0.00	0.40	0.365	0.219	0.115	0.042	0.377	0.227	-0.542	0.864
5	0.600	177.9	1.69	-0.00	0.39	0.228	0.325	0.047	0.094	0.236	0.335	-0.423	0.893
6	0.600	177.9	1.98	-0.01	0.39	0.130	0.309	0.016	0.089	0.134	0.319	-0.256	0.935
7	0.600	177.9	2.26	-0.01	0.39	0.000	0.060	0.000	0.004	0.000	0.063	-0.093	0.977
8	0.600	177.9	2.56	-0.01	0.39	0.000	0.000	0.000	0.000	0.000	0.000	-0.004	0.999
9	0.599	177.3	2.84	-0.01	0.39	0.000		0.000		0.000		0.029	1.007
10	0.599	177.3	3.13	-0.02	0.38	0.000		0.000		0.000		0.033	1.008
11	0.600	177.9	3.43	-0.02	0.38	0.000		0.000		0.000		0.021	1.005
12	0.600	177.9	3.72	-0.02	0.38	0.000		0.000		0.000		-0.002	0.999
13	0.600	177.9	4.01	-0.03	0.38							-0.006	0.998

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
386	571	1	66	7	0.600	1.513	900	177.9	706	69.5	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.600	177.9	0.53	0.01	0.50	0.214		0.041		0.221		-0.399	0.899
2	0.600	177.9	0.82	0.01	0.50	0.209		0.039		0.216		-0.447	0.887
3	0.600	177.9	1.11	0.00	0.50	0.265		0.061		0.273		-0.528	0.867
4	0.600	177.9	1.40	0.00	0.50	0.188	0.000	0.031	0.000	0.194	0.000	-0.527	0.867
5	0.600	177.9	1.69	-0.00	0.49	0.035	0.218	0.001	0.042	0.036	0.225	-0.417	0.895
6	0.600	177.9	1.98	-0.01	0.49	0.000	0.198	0.000	0.037	0.000	0.205	-0.257	0.935
7	0.600	177.9	2.27	-0.01	0.49	0.000	0.075	0.000	0.006	0.000	0.078	-0.130	0.967
8	0.600	177.9	2.56	-0.01	0.49							0.002	1.000
9	0.600	177.9	2.85	-0.01	0.49	0.000		0.000		0.000		0.019	1.005
10	0.600	177.9	3.13	-0.02	0.48	0.000		0.000		0.000		0.026	1.006
11	0.600	177.9	3.44	-0.02	0.48	0.000		0.000		0.000		0.023	1.006
12	0.601	178.5	3.72	-0.02	0.48							0.010	1.002
13	0.600	177.9	4.01	-0.03	0.48							0.006	1.001

ORIGINAL PAGE IS
OF POOR QUALITY

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RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
387	571	1	66	7	0.253	1.527	1884	80.8	1802	66.4	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.253	80.8	0.53	0.01	0.18	0.399	0.350	0.156	0.120	0.402	0.352	-0.496	0.978
2	0.252	80.1	0.82	0.01	0.18	0.466	0.405	0.212	0.160	0.469	0.407	-0.554	0.975
3	0.252	80.1	1.11	0.00	0.18	0.525	0.368	0.269	0.132	0.527	0.370	-0.550	0.976
4	0.251	79.5	1.41	0.00	0.18	0.528	0.456	0.273	0.203	0.531	0.458	-0.510	0.978
5	0.251	79.5	1.69	-0.00	0.18	0.346	0.381	0.118	0.143	0.347	0.383	-0.309	0.986
6	0.251	79.5	1.98	-0.01	0.18	0.000	0.136	0.000	0.018	0.000	0.137	-0.078	0.997
7	0.252	80.1	2.27	-0.01	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.006	1.000
8	0.252	80.1	2.56	-0.01	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.015	1.001
9	0.252	80.1	2.85	-0.01	0.17	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	1.000
10	0.252	80.1	3.13	-0.02	0.17	0.000	0.000	0.000	0.000	0.000	0.000	0.001	1.000
11	0.251	79.5	3.43	-0.02	0.17	0.000	0.000	0.000	0.000	0.000	0.000	-0.042	0.998
12	0.251	79.5	3.72	-0.02	0.16	0.000	0.000	0.000	0.000	0.000	0.000	-0.055	0.998
13	0.251	79.5	4.00	-0.03	0.16	0.000	0.000	0.000	0.000	0.000	0.000	-0.046	0.998

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
388	571	1	66	7	0.251	1.516	1883	79.5	1802	65.8	0.00

SEC	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	QF/Q	QA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.5	0.53	0.01	0.25	0.245	0.334	0.059	0.109	0.246	0.336	-0.474	0.979
2	0.252	80.1	0.82	0.01	0.25	0.402	0.263	0.157	0.067	0.404	0.265	-0.561	0.975
3	0.252	80.1	1.11	0.00	0.25	0.528	0.249	0.272	0.061	0.531	0.251	-0.573	0.975
4	0.250	78.8	1.41	0.00	0.24	0.500	0.342	0.245	0.114	0.502	0.343	-0.503	0.978
5	0.251	79.5	1.69	-0.00	0.24	0.289	0.354	0.082	0.124	0.290	0.356	-0.329	0.985
6	0.250	78.8	1.98	-0.01	0.24	0.134	0.144	0.018	0.021	0.135	0.145	-0.093	0.996
7	0.251	79.5	2.26	-0.01	0.24	0.042	0.120	0.002	0.014	0.042	0.121	-0.023	0.999
8	0.251	79.5	2.55	-0.01	0.24	0.000	0.000	0.000	0.000	0.000	0.000	-0.012	0.999
9	0.250	78.8	2.85	-0.01	0.24	0.073	0.000	0.005	0.000	0.074	0.000	-0.019	0.999
10	0.250	78.8	3.13	-0.02	0.23	0.000	0.000	0.000	0.000	0.000	0.000	-0.010	1.000
11	0.250	78.8	3.43	-0.02	0.23	0.000	0.000	0.000	0.000	0.000	0.000	-0.043	0.998
12	0.251	79.5	3.73	-0.02	0.23	0.000	0.000	0.000	0.000	0.000	0.000	-0.060	0.997
13	0.251	79.5	4.01	-0.03	0.23	0.000	0.000	0.000	0.000	0.000	0.000	-0.060	0.997

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
389	571	1	66	7	0.252	1.524	1884	80.1	1802	65.4	0.00

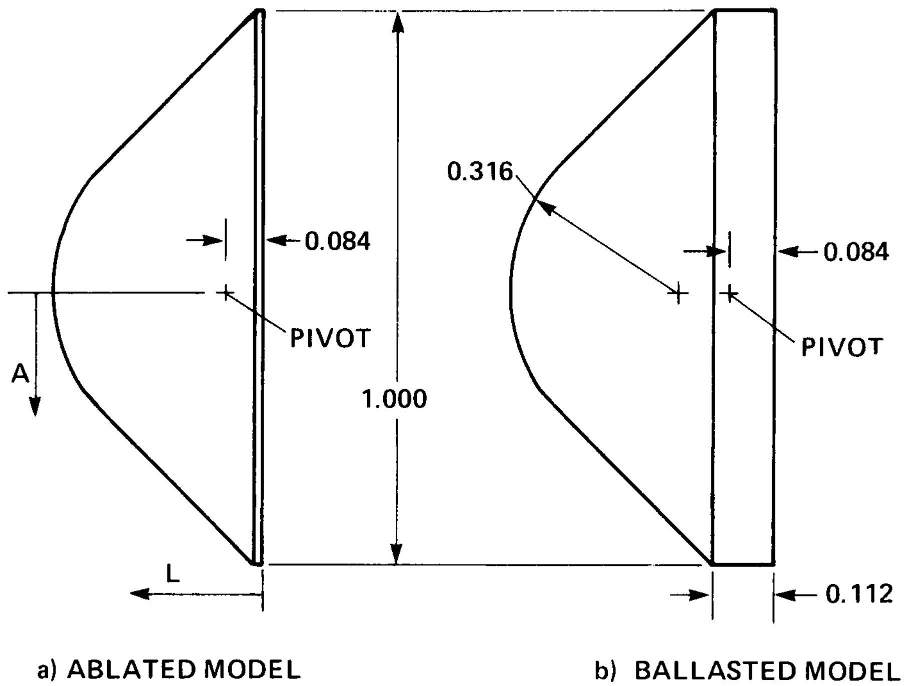
SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	CF/Q	OA/Q	VF/V	VA/V	CP	PF/P
1	0.252	80.1	0.53	0.01	0.40	0.110	0.219	0.012	0.047	0.111	0.221	-0.470	0.979
2	0.252	80.1	0.82	0.01	0.40	0.307	0.000	0.092	0.000	0.308	0.000	-0.543	0.976
3	0.251	79.5	1.11	0.00	0.40	0.260	0.133	0.066	0.017	0.261	0.134	-0.607	0.973
4	0.251	79.5	1.40	0.00	0.40	0.308	0.396	0.092	0.153	0.310	0.398	-0.555	0.976
5	0.250	78.8	1.68	-0.00	0.39	0.204	0.371	0.041	0.136	0.206	0.373	-0.343	0.985
6	0.250	78.8	1.98	-0.01	0.39	0.120	0.232	0.014	0.053	0.121	0.233	-0.155	0.993
7	0.251	79.5	2.27	-0.01	0.39	0.000	0.000	0.000	0.000	0.000	0.000	-0.010	1.000
8	0.251	79.5	2.56	-0.01	0.39	0.000	0.000	0.000	0.000	0.000	0.000	-0.010	1.000
9	0.251	79.5	2.85	-0.01	0.39	0.000	0.000	0.000	0.000	0.000	0.000	-0.010	1.000
10	0.250	78.8	3.13	-0.02	0.38	0.000	0.000	0.000	0.000	0.000	0.000	-0.019	0.999

RUN	TST	P	TN	CONF	MACH	RN/L	PT	Q	P	TT	ALPHA
390	571	1	66	7	0.251	1.519	1884	79.5	1803	65.1	0.00

SEQ	MACH	Q	X/DB	Y/DB	Z/DB	MF/M	MA/M	CF/Q	OA/Q	VF/V	VA/V	CP	PF/P
1	0.251	79.5	0.53	0.01	0.50	0.259	0.000	0.066	0.000	0.261	0.000	-0.474	0.979
2	0.251	79.5	0.82	0.01	0.50	0.146	0.000	0.021	0.000	0.147	0.000	-0.557	0.975
3	0.251	79.5	1.11	0.00	0.50	0.221	0.000	0.048	0.000	0.223	0.000	-0.598	0.974
4	0.251	79.5	1.41	0.00	0.50	0.070	0.186	0.005	0.034	0.071	0.188	-0.531	0.977
5	0.252	80.1	1.69	-0.00	0.49	0.243	0.250	0.058	0.062	0.245	0.252	-0.342	0.985
6	0.252	80.1	1.98	-0.01	0.49	0.000	0.000	0.000	0.000	0.000	0.000	-0.109	0.995
7	0.252	80.1	2.27	-0.01	0.49	0.000	0.000	0.000	0.000	0.000	0.000	-0.021	0.999
8	0.252	80.1	2.56	-0.01	0.49	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	1.000
9	0.252	80.1	2.85	-0.01	0.49	0.000	0.000	0.000	0.000	0.000	0.000	-0.014	0.999
10	0.252	80.1	3.13	-0.02	0.48	0.000	0.000	0.000	0.000	0.000	0.000	-0.014	0.999
11	0.252	80.1	3.44	-0.02	0.48	0.000	0.000	0.000	0.000	0.000	0.000	-0.038	0.998
12	0.252	80.1	3.73	-0.02	0.48	0.000	0.000	0.000	0.000	0.000	0.000	-0.056	0.998
13	0.252	80.1	4.01	-0.03	0.48	0.000	0.000	0.000	0.000	0.000	0.000	-0.056	0.998

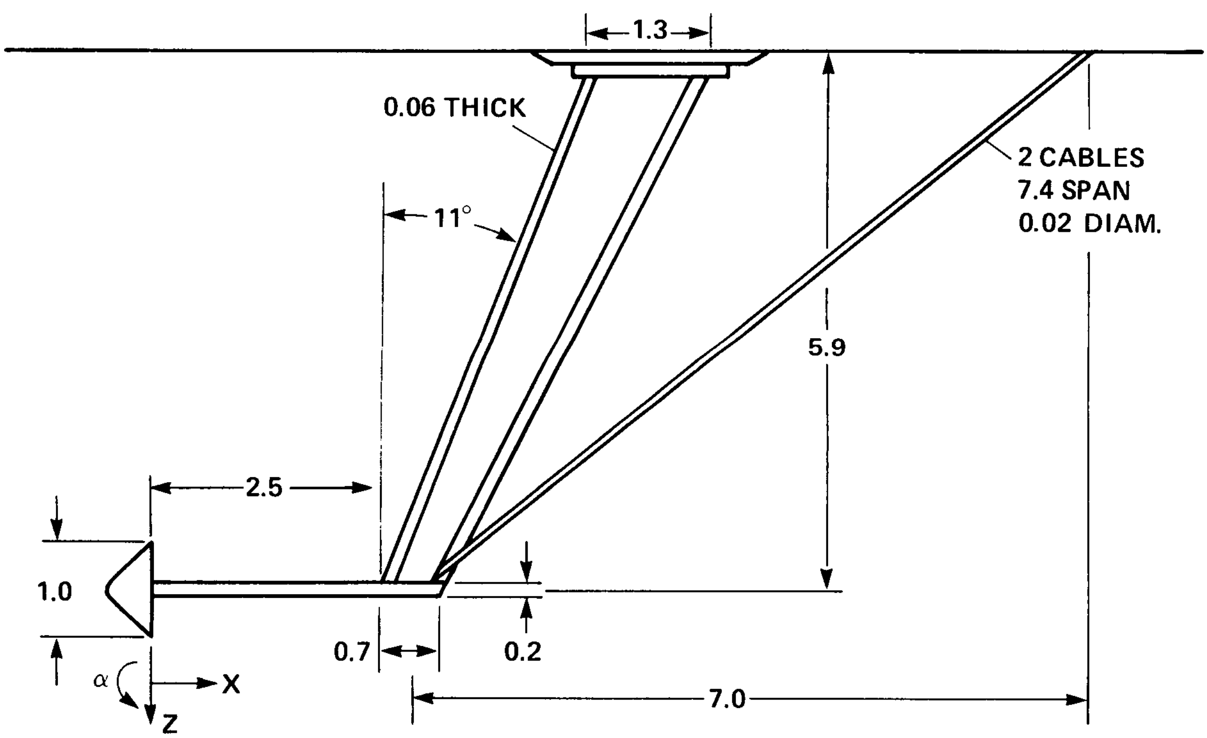
L	A
0.000	0.500
0.018	0.500
0.291	0.234
0.317	0.203
0.341	0.176
0.382	0.079
0.358	0.000

ABLATED-MODEL OFFSETS



ALL DIMENSIONS NORMALIZED TO MODEL DIAMETER
MODEL DIAMETER = 6 in.

Figure 1.– Scale models tested in 6- by 6-ft transonic wind tunnel. (a) Ablated configuration. (b) Ballasted configuration.



ALL DIMENSIONS NORMALIZED TO MODEL DIAMETER
MODEL DIAMETER = 6 in.

Figure 2.– Model and sting-strut support.

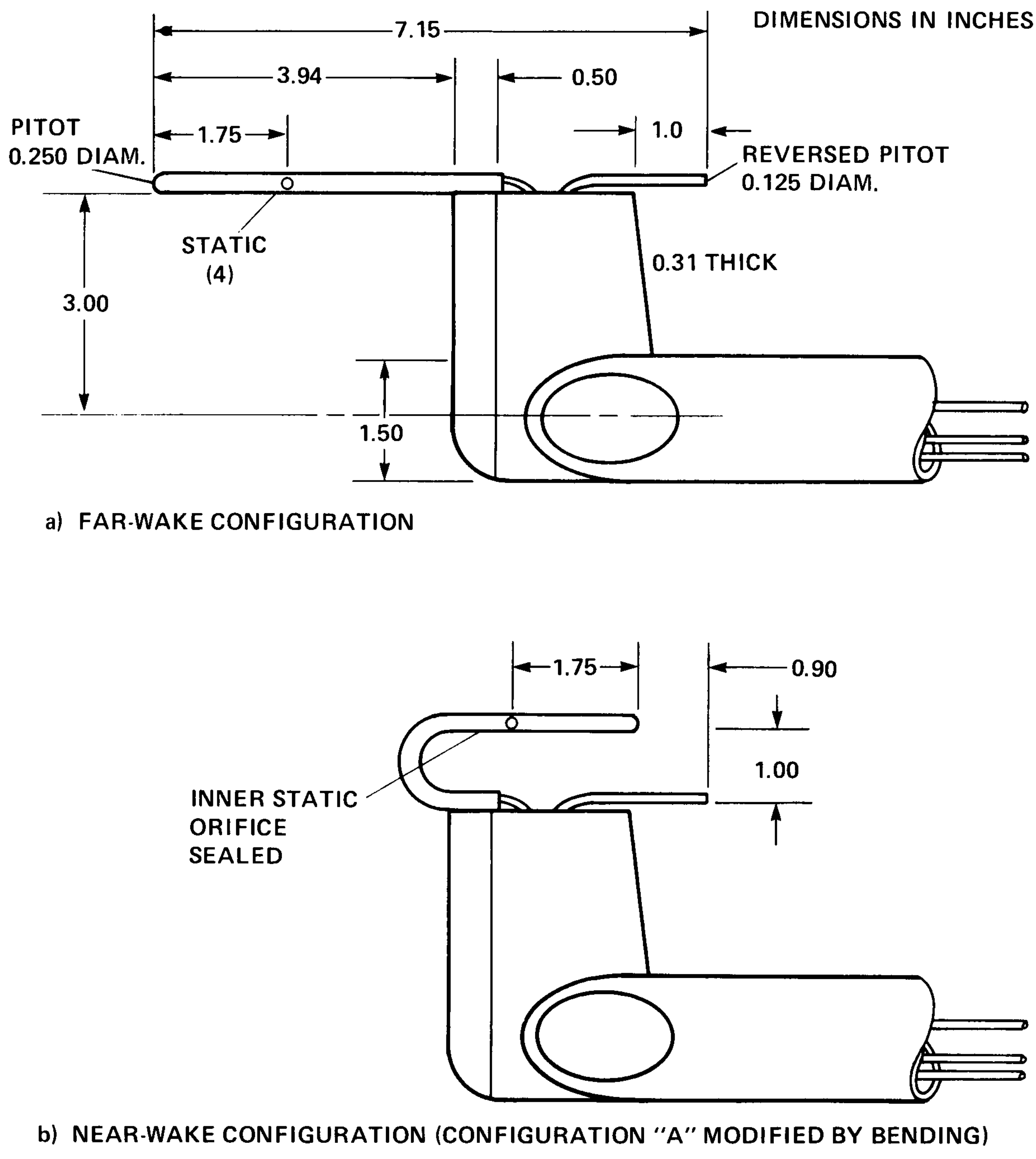


Figure 3.– Pitot-static probe.

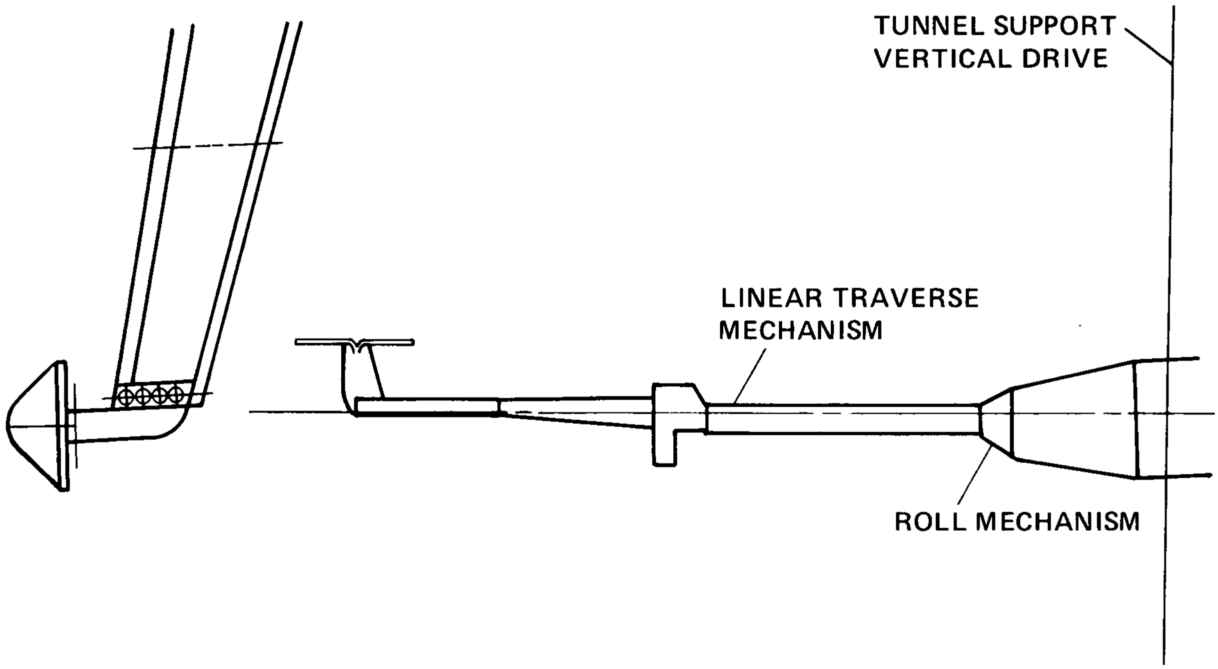


Figure 4.– Test setup.

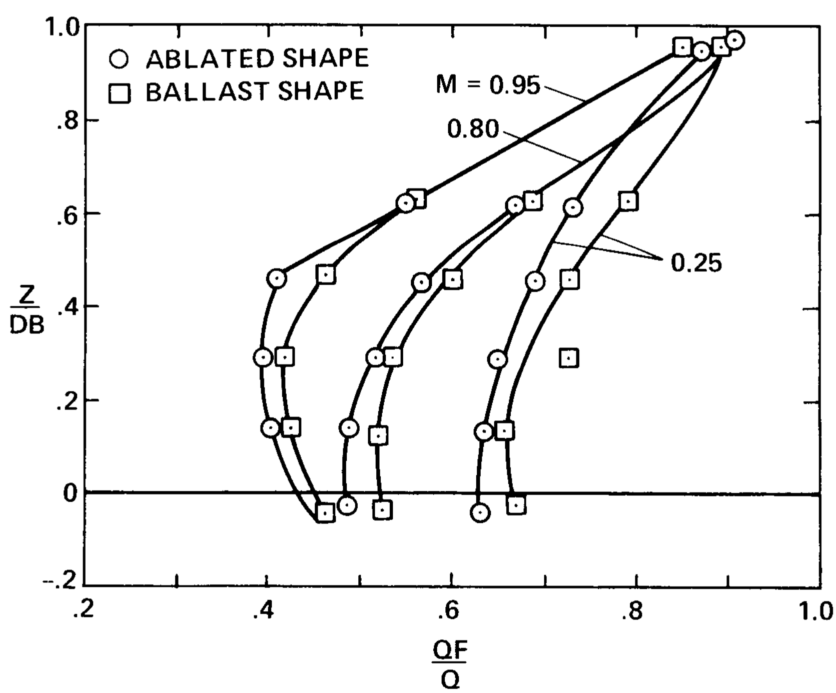


Figure 5.– Radial profiles of dynamic pressure. $X/D_B = 5.5$, $Y/D_B = 0$, $R = 0.75$ million, $\alpha = 0°$.

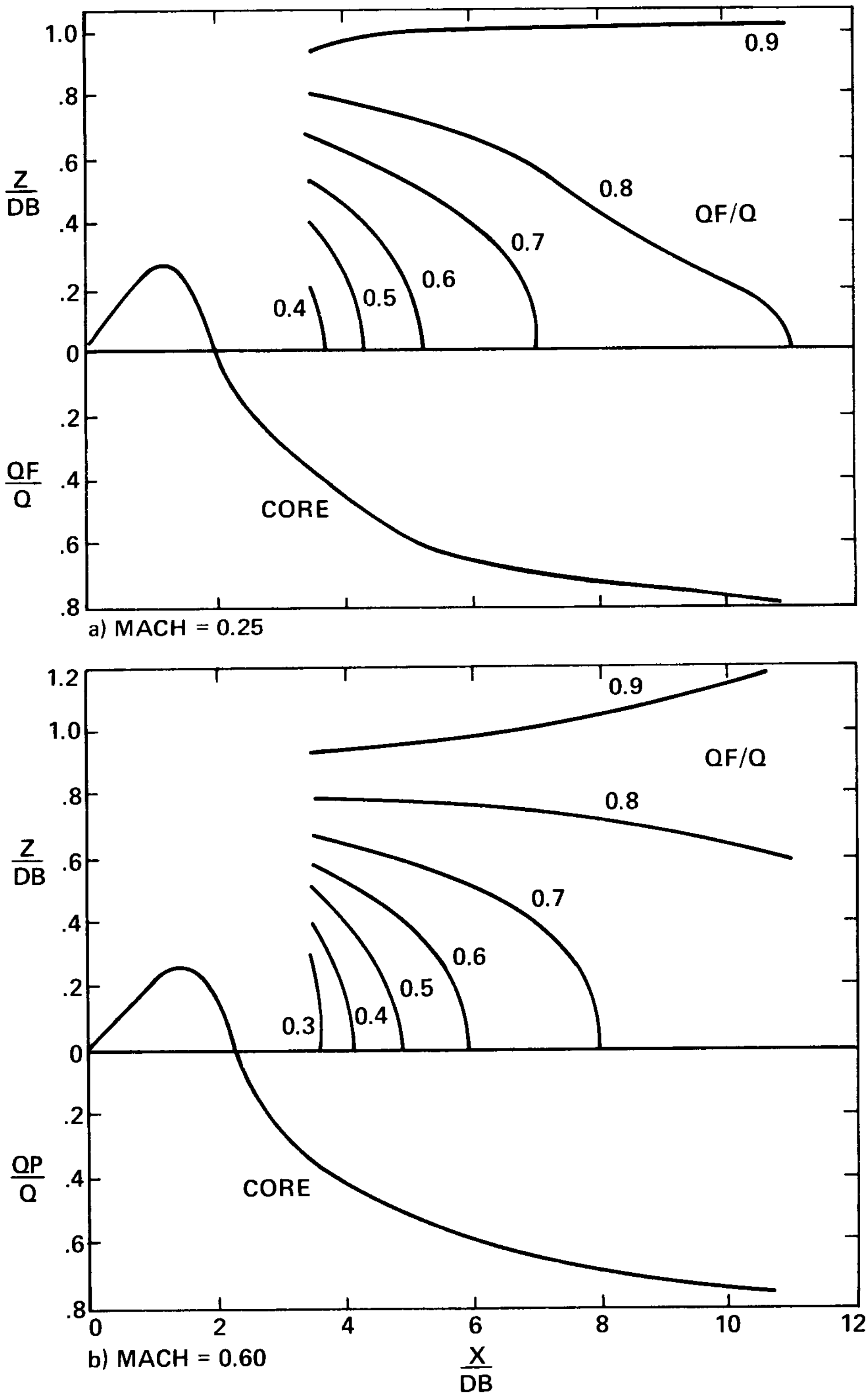


Figure 6.– Axial profile and spatial contours of dynamic pressure in wake of ablated Galileo probe. $\alpha = 0.0°$, $R_D = 0.75$ Million.

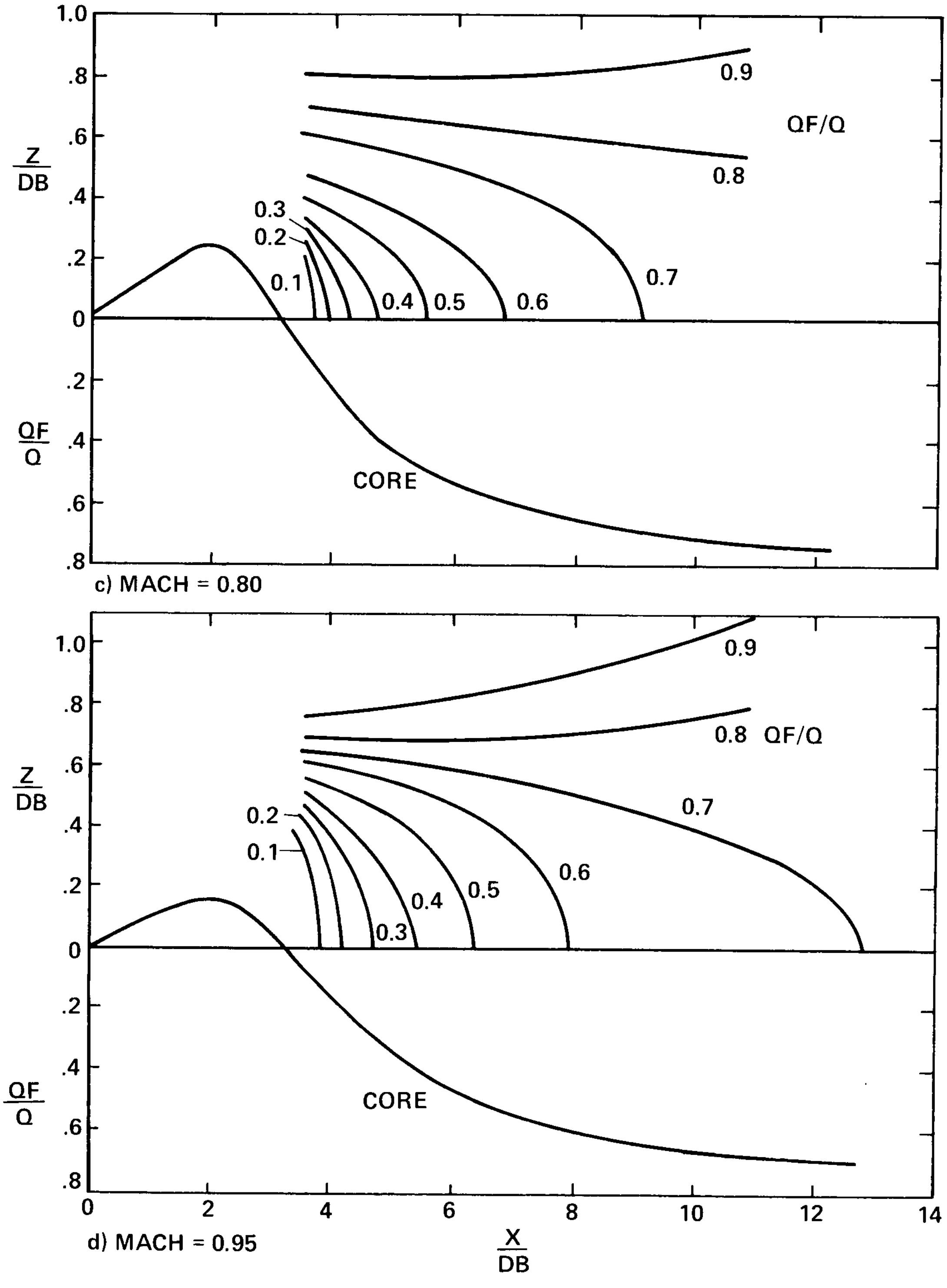


Figure 6.– Concluded.

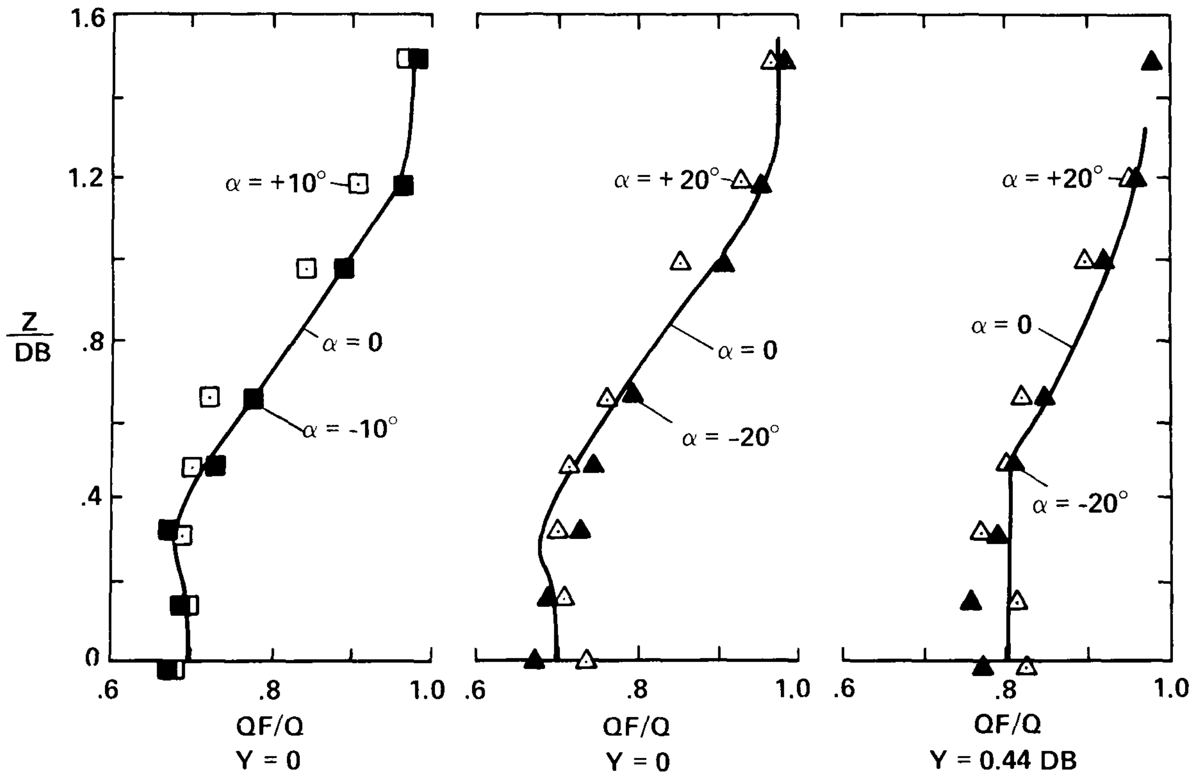


Figure 7.– Effect of angle of attack on dynamic-pressure profiles, $X/D_B = 8.5, M = 0.80, R_D = 0.75$ million.

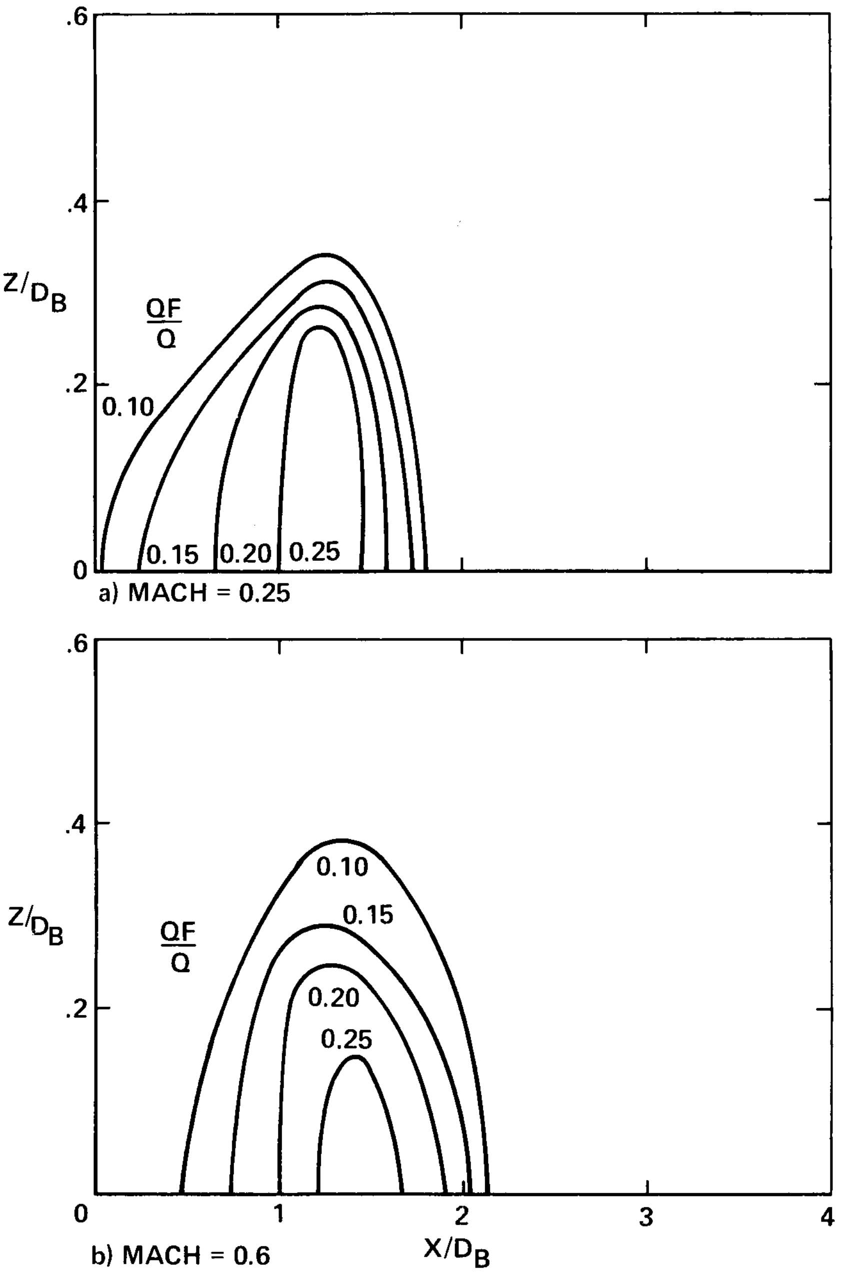


Figure 8.– Contours of constant reverse dynamic pressure in near wake of ablated model, $\alpha = 0$, $R_D = 0.75$ million, $Y/D_B = 0$.

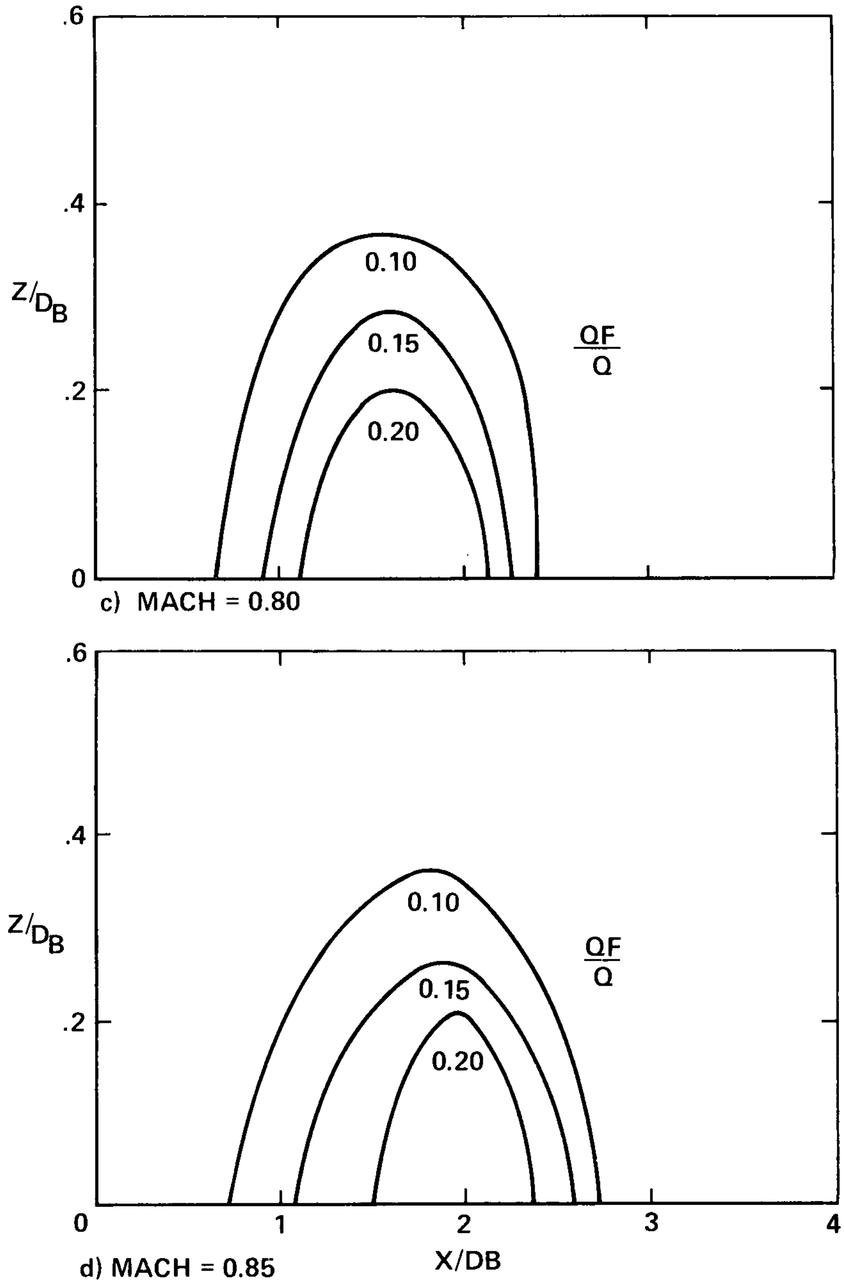


Figure 8.– Continued.

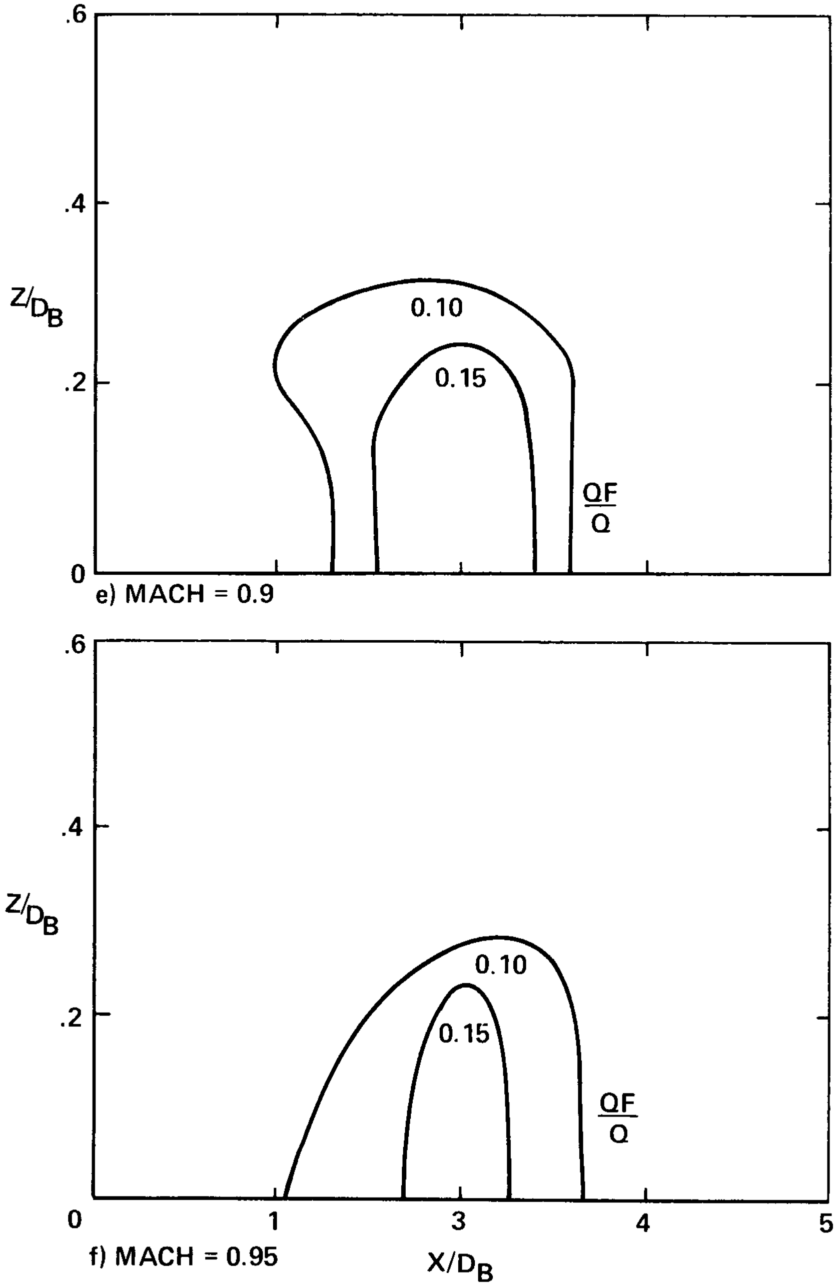


Figure 8.– Concluded.

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16. Abstract

The results of surveys of the near and far wake of the Galileo Probe are presented for Mach numbers from 0.25 to 0.95. The trends in the data resulting from changes in Mach number, radial and axial distance, angle of attack, and a small change in model shape are shown in crossplots based on the data. A rationale for selecting an operating volume suitable for parachute inflation based on low Mach number flight results is outlined.

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