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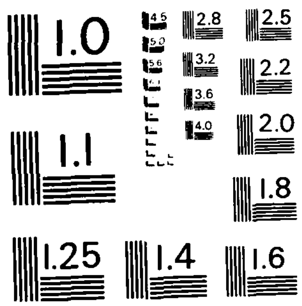

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A STUDY OF NORMAL SHOCK-WAVE TURBULENT BOUNDARY-LAYER INTERACTIONS AT MACH NUMBERS OF 1.3, 1.4 AND 1.5

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SUMMARY

This Report presents the results of a study of seven flows involving the interaction between a normal shock wave and a two-dimensional turbulent boundary layer. The measurements were made at free-stream Mach numbers of 1.3, 1.4 and 1.5 and at Reynolds numbers based on an effective streamwise run of 10×10^6 to 30×10^6. The results were obtained from comprehensive traverses with both pitot and static probes.

Standard boundary-layer integral parameters based on wall and measured static pressures are presented, together with velocity profiles and the Mach number distribution over the interaction region.

An investigation has been made of the 'law of the wall' and the 'law of the wake' under the influence of strong normal pressure gradients.

Departmental Reference: Aero 3532

LIST OF CONTENTS

1 INTRODUCTION

A series of experiments[1-4] has been undertaken in the RAE Bedford 3ft × 3ft wind tunnel to investigate the interaction of a normal shock wave and a turbulent boundary layer at nominal upstream Mach numbers of 1.3, 1.4 and 1.5 over a Reynolds number range based on the undisturbed boundary-layer momentum thickness at the start of the interaction of 12×10^3 to 34×10^3.

This Report deals with the measurements made at a series of stations upstream and downstream of the interaction using conventional pitot and static probes traversed normal to the flat wall.

The series of experiments was planned because of the lack of knowledge of the interaction between normal shock waves and turbulent boundary layers at high Reynolds numbers and the need to predict the development of the boundary layer through and beyond the interaction region as, for example, in the flow over supercritical aerofoils.

A number of investigations have been reported over the past two decades and broadly speaking three techniques have been used to produce the interaction.

The first and most commonly used technique (Fig 1a) in supersonic tunnels is to position a shock generator with downstream choking flap over a flat plate so that the steady normal shock wave formed by the shock generator interacts with a turbulent boundary layer grown from the leading edge of the flat plate. This is the technique adopted by Seddon[5], Vidal, *et al*[6] and Kooi[7].

The second technique[8,9] is used in transonic wind tunnels and involves mounting a two-dimensional bump on the wind tunnel wall so that the shock-wave boundary-layer interaction approximates to that on an aerofoil (Fig 1b). More recently, small supercritical aerofoils have been tested[10] and in fact these two experiments have been combined by Burdges[11] who let the aerofoil into the tunnel floor and bled away the floor boundary layer under its leading edge.

Gadd[12] and more recently Mateer, Brosch and Veigas[13] used a third technique which was to hold the normal shock wave steady in a supersonic tube by the adjustment of a conical choke downstream of the working section as in Fig 1c. The turbulent boundary layer under consideration was allowed to grow naturally along the tube wall.

For the present experiment the facility which was available was the RAE 3ft × 3ft transonic-supersonic wind tunnel. The arrangements of Fig 1a or 1b could have been employed, but it was argued that if the tunnel floor was used, then the measuring techniques would be simpler, a higher Reynolds number could be obtained, and the interference effects of the wall boundary layers should be less than in the technique of Fig 1a where the test boundary layer is of smaller thickness than the interfering wall boundary layers. The simple technique was therefore used of holding a shock wave across the test section, set up to run at supersonic speed, by means of an adjustable sonic throat which was situated far downstream of the test section. The technique is in fact similar to that of Fig 1c.

The 3ft × 3ft wind tunnel has a good Reynolds number capability (up to 12×10^6/m for continuous running) is easily accessible for non-intrusive measurements and, above all, is easy to modify in the working section region having removable supersonic liners and downstream wooden fairings. A further advantage is that the pressure distribution in the working section is not only similar to that over a supercritical aerofoil but also the dimensions and Reynolds numbers approximate to full-scale conditions. A ninth scale (4 in × 4 in) model of the tunnel is also available and this proved invaluable for the development of the experiment.

The most time-consuming aspect of the development has been providing a suitable downstream sonic throat to control the shock-wave position and to keep it acceptably steady. However it was also necessary to design and manufacture a new raised false tunnel floor (to house submerged boundary-layer traverse mechanisms and to raise the boundary-layer interaction region into view above the bottom of the schlieren windows) which would match the three alternative half-nozzle blocks used to generate the required free-stream Mach numbers and which form the upper wall.

During the period of time taken to manufacture the new floor and the necessary associated equipment, two interim experiments were made, the first[2] using a conventional boundary-layer pitot rake and the second[1] using non-intrusive laser-Doppler measurements. The first experiment differed in another important aspect from the present one in that the pitot rake was attached to the tunnel floor in a single, fixed, position and the shock wave moved fore-and-aft of the rake.

For the present experiment the location of the shock wave was fixed for each condition tested and measurements were made with probes which could be traversed both normal to the tunnel floor and streamwise. Measurements of the static pressure distribution along the floor were also made.

2 DESCRIPTION OF THE EXPERIMENT

2.1 Mechanical arrangement

The general arrangement of the experiment is shown in Fig 2. The unmodified parts of the 3ft × 3ft wind tunnel are shown shaded.

In its standard form, the 3ft × 3ft wind tunnel has a working section with a fixed lower liner and interchangeable upper liners which are matched to the lower liner to give 0.1 incremental steps in Mach number between 1.3 and 2.0. One of the major modifications made to the tunnel was the provision of a new raised bottom liner together with a false floor (Fig 3). This false floor contained two pitot traverse mechanisms so that a region close to the floor centre line could be investigated from approximately 0.8 m ahead of the schlieren window centre line to 3 m downstream using a total horizontal traverse movement of little more than 2 m. Because of the interest in the free-stream Mach number range of 1.3 to 1.5, the new bottom liner was designed to match the $M = 1.4$ upper liner and the consequent slight mismatch with the $M = 1.3$ and $M = 1.5$ upper liners had to be accepted. Although raising the floor by 152 mm had the advantage of bringing the shock-wave interaction region into full view through the schlieren windows, it reduced the height of the working section so that the tunnel was no longer square in cross section. There was however no particular disadvantage in this because the asymmetrical nozzle which generated the supersonic flow inevitably resulted in boundary layers which were not the same on all four walls.

The other major item of redesign as described in Ref 2 involved the careful fairing of the existing 'spoiler door' arrangement* in the diffuser section to give an adjustable second throat. By adjusting the throat, the normal shock wave could be placed in the desired location within the view through the tunnel windows. Any subsequent small progressive movement of the shock wave could then be corrected by adjusting the tunnel compressor speed. Initially there was a large random movement of the normal shock wave but this was reduced to about 20 mm by the careful fairing of the shape of the second throat. The mean position of the normal shock wave was checked both visually and by means of a differential pressure transducer connected between a wall static pressure hole under the shock wave and a reference tapping near the working section sonic throat.

The region between the working section and diffuser was faired to give smooth sidewall and roof contours. The geometry of the fairing was such as to give an expanding passage, the cross sectional area at the diffuser entry increasing to 1.067 times the area of the working section over a distance of 3660 mm. In the region of the interaction, the standard taper of 0.004 m/m was maintained on the top liner. This is normally combined with a similar taper on the lower liner to allow for boundary-layer growth on all four tunnel walls. However, for this experiment, the taper on the false floor was approximately 0.003 m/m.

The traverse mechanism together with a twin pitot probe is shown in Fig 4. Two identical traverse mechanisms were supported 1800 mm apart from a slide which was approximately 6 m long and sufficiently flexible to submerge, at its upstream end, below the liner surface approximately 1 m ahead of the schlieren window centre line, and at its downstream end to retract into a covered channel between the spoiler doors in the diffuser section. Any leaks around the slide were sealed by two pvc tubes which inflated when the slide was stationary as shown in Fig 3. A chain drive was used to move the slide in the streamwise direction. A total streamwise distance of 3800 mm could be covered using the tandem boundary layer traverses. The slide was positioned 100 mm to the port of the row of static pressure holes on the tunnel centre line and the probes were cranked so that vertical traverses could be made half way between the slide and the tunnel centre line. In this way it was hoped to reduce the various interferences, namely, of the probe on the wall static pressure holes, of the slight irregularity of the slide on the probe measurements, and of the probe stem on the probe measurements.

Repeatability of the probe position was ±0.02 mm vertically and ±3 mm horizontally.

Details of the static probes can be seen in Fig 5. The pitot probes were designed to be fairly short in order to avoid vibrations in the expected highly turbulent flow. The same overall dimensions were then retained for the twin static probes. With hindsight, the twin static probes might have been lengthened to diminish the interference

* Used in normal testing for controlling the tunnel shock wave during starting or stopping the tunnel.

caused by the supporting structure because the vertical positional accuracy is not quite as important for these probes as for the pitot probes. However this was not done and large corrections had to be applied to the static pressure measurements especially at transonic Mach numbers. These corrections are described in the Appendix.

All the probes were electrically insulated from their vertical traverse mechanisms so that a touch indicator could be used to set the pitot datum at the surface of the false floor. The streamwise datum was set by aligning the tip of a pitot probe or the holes in a static probe with a line marked on the surface of the false floor.

Pressure measurements were made with differential transducers (Druck) of range ·69 kN/m^2 in two D-type scanivalves placed outside the tunnel shell. The transducers were calibrated against a Texas Instrument 0-203 kN/m^2 absolute quartz Bourdon-tube pressure-controller. Corrections were made to the primary slopes and zeros of these calibrations for each data point, by comparing the transducer outputs with reference pressures applied to the first and last pairs of scanivalve ports.

2.2 Experimental measurements

2.2.1 Pitot measurements

Measurements were made at three nominal Mach numbers, 1.3, 1.4 and 1.5 at Reynolds numbers of approximately 10×10^6/m (the maximum continuous running value permitted for the experiment) and 3.5×10^6/m. An intermediate Reynolds number was also included for M = 1.5. Details of the test conditions are given in Table 1.

Traverses normal to the floor were made using the twin-pitot probe over a large number of stations from 0.7 m ahead of the normal shock wave to approximately 3 m downstream of the normal shock wave. In most cases, a vertical distance of 200 mm was covered. The forward pitot was removed while measurements were being made with the rear one, and a flush plug was used to fill the hole left in the slide.

2.2.2 Floor static pressure measurements

Measurements of the static pressure distribution on the floor were made with only the rear pitot in place, set at its furthest downstream position. These measurements were used to calculate the wall reference static pressure for each pitot or static pressure probe traverse.

2.2.3 Reversed pitot measurements

Measurements were also made with a single reversed pitot probe (rather similar in shape to static probe B (Fig 5) but reversed) for conditions of separated flow which occurred for M = 1.5. Separation was indicated by the forward-pointing pitot recording a lower pressure than the corresponding wall static pressure hole. The measurements were made with the tip of the reversed pitot in the same streamwise position as the normal pitot tube. Although the flow was probably disturbed by either probe, a simple correction was made to both sets of results as described under section 3.1.

2.2.4 Static probe measurements

Before the static pressure measurements in the boundary layer were begun, the static probes were calibrated in the centre of the slotted transonic working section of

82099

the tunnel over a Mach number range of 0.4 to 1.2 and similar free-stream Reynolds numbers to those encountered in the main experiment. Each probe was held at the end of its stem furthest away from the probe tip by a specially manufactured sting. Static probe B was also calibrated while supported at the near end of its stem to check for support interference. This appeared to be negligible. The probe measurements were compared with wall static pressures obtained from a tunnel calibration referred to a 3^{o} conical static head probe. This probe has been described in Ref 14 and within the limits of the required accuracy was assumed to have no static pressure errors.

The real problem which arose when using static probes in an environment which invoked the problems of transonic flow combined with pressure gradients, wall interference effects and the presence of boundary layers, lay in obtaining sufficient calibration data in a tunnel which could not be used between M = 0.88 and M = 1.3 while modified to take the false floor and traverse mechanisms.

However some information was forthcoming from twin static probe calibrations made through the floor boundary layer between M = 0.66 and 0.88 at similar Reynolds numbers to the main experiment. Additional information was obtained during the actual shock-wave boundary-layer interaction experiment from the static and pitot probe traverses ahead of the interaction, while further data were available from traverses 1 to 3 m downstream of the normal shock wave at M = 1.3. In all these cases it was assumed that there was no static pressure variation normal to the wall through each vertical boundary-layer traverse, and that the pressure was equal to the estimated wall value. Because the free-stream calibration showed no apparent Reynolds number effects, data at the highest Reynolds number from the experiment were used.

Time limitations meant that nearly all the boundary layer static traverses were made with the twin-static probe rather than the single probes and the static investigation was omitted for M = 1.4 at a Reynolds number of 3.5×10^{6}/m. Single static probes were in fact used only as a check on the validity of the results obtained from the twin probe. Traverses were made in rather different streamwise positions from those made with the pitot probes and each traverse contained about half the measurements made using the pitot.

2.2.5 Shock-wave position

A careful check was made of the shock-wave position using the output from the shock-position transducer and readings were only taken while the shock wave was within prescribed limits. Subsequently, during the analysis of the results, the average position of the normal part of the shock wave was ascertained from the large number of schlieren photographs taken for each set of tunnel conditions. This was necessary because there was an interval of a year between making the static pressure measurements and the pitot measurements. It was difficult to reset the shock wave in the same position, and so corrections had to be applied to make both sets of results compatible.

3 REDUCTION OF DATA

The data have been reduced as follows to produce the boundary layer profiles of Table 2 and the integral parameters of Table 3.

3.1 Boundary-layer profiles

These have been tabulated against y (the equivalent height of the pitot or static tube above the wall) where for pitot measurements

$$y = h + 0.15\,d \tag{1}$$

and for static measurements

$$y = h \tag{2}$$

where h = height of probe centre line above floor
and d = diameter of probe.

The profiles have been derived

(a) assuming constant wall static pressure applied throughout each traverse,
(b) using measured static pressures after correction (see Appendix).

Standard formulae were used to calculate Mach numbers, velocities and densities from the pitot and static results. Total temperature was assumed constant across the boundary layer except at the wall where a recovery factor of 0.89 was used. Wall static pressures were calculated for each traverse position by linear interpolation of the floor static measurements made with the front pitot removed and the rear pitot as far downstream as possible.

The flow was assumed reversed when the pitot pressure was lower than the wall static pressure. In such cases measurements were also made with the pitot tube reversed in direction. The Mach number was taken as the mean derived from the two sets of measurements. When the pitot tube was effectively facing downstream, it was assumed that the pressure recorded was that for a base with a pressure coefficient of -0.6. The wall static pressure was used for both sets of calculations in the reversed flow region.

Unit Reynolds numbers were calculated using the following formula based on Sutherland's law for viscosity

$$Re/m = \frac{M_\delta p_\delta}{T_\delta^2}(T_\delta + 110.4) \times 47.91 \times 10^3 \tag{3}$$

where subscript δ denotes conditions at the edge of the boundary layer
p is the static pressure in N/m^2
and T is the temperature in K.

A further parameter, namely p_i/p_{t0} has been presented where p_i is an estimated static pressure in the 'equivalent inviscid flow' (see Ref 15). The static pressure p_i is that in the equivalent inviscid flow which is defined as the flow external to the shear layers continued as an inviscid flow to the wall bounding the real flow with the growth of the viscous layer represented by transpiration at the boundary. p_i has been non-dimensionalised by dividing by the tunnel total pressure p_{t0}.

An estimate of p_i/p_{t_0} has been attempted in the region ahead of the normal shock-wave. Here, the flow at the edge of the boundary layer is supersonic and influence lines of constant p/p_{t_0} following Mach lines may be constructed back to the wall from the edge of the viscous region. An estimate of p_i/p_{t_0} as a function of y for each traverse can then be made from the carpet of influence lines which are assumed straight and inclined at the Mach angle μ plus the flow inclination at $\delta_{0.999}$ (the distance from the wall where $U/U_\delta = 0.999$) viz

$$\mu + \tan^{-1}\left(\frac{V}{U}\right)_\delta$$

where

$$\left(\frac{V}{U}\right)_\delta = \frac{d\delta^*}{dX} - (\delta_{0.999} - \delta^*) \frac{d}{dX}\left(\ln(\rho_\delta U_\delta)\right) \quad (4)$$

and V is the vertical component of velocity

U is the horizontal component of velocity

δ^* is the displacement thickness

ρ is the density.

It will be noted (see section 4.4) that there is a supersonic region at the edge of the boundary layer behind the normal shock wave for $M = 1.5$. However estimates of p_i/p_{t_0} have not been included for this region because they become discontinuous in the region of the shock wave.

3.2 Integral parameters

Boundary-layer thickness parameters were obtained by trapezoidal integration. Velocity profiles were faired between the wall and the pitot position corresponding to 0.8 mm from the wall by applying East's prediction of the law of the wall[16] in compressible boundary layers as a 20 point curve.

East's prediction is based on an incompressible law of the wall combined with a compressibility factor. For this experiment Cole's law of the wall[17] has been used with the constants recommended at the Stanford conference[18] namely

$$\frac{U}{U_\tau} = 5.62 \log \frac{yU_\tau}{\nu_\delta} + 5.0 \quad , \quad (5)$$

where U_τ is the friction velocity.

The form of East's prediction which is faired into Cole's law of the wall is

$$\frac{U}{U_\tau} = \frac{1}{F} \sin\left[F\left\{2K \ln\left(y^{*2} \frac{K}{D} + 1\right) + D\left(1 - e^{-y^*/D}\right)\right\}\right] \quad , \quad (6)$$

where the compressibility factor

$$F = M_\tau \sqrt{\frac{r(\gamma - 1)}{2}} = \frac{U_\tau}{\sqrt{T_w}} \times 0.021033 ,$$

$$D = 8.73(1 + 45F^2) ,$$

$$y^* = y \frac{U_\tau}{\nu_w} ,$$

$$K = 0.41 ,$$

r being the recovery factor, and suffix w denoting wall values.

A value of U_τ was obtained at $y \triangleq 0.8$ mm using equation (6) and values of U/U_τ were then calculated for 20 equispaced values of y between 0 and 0.8 mm.

A linear variation was assumed between $y = 0$ and 0.8 mm for reversed flow.

The following definitions of the integral quantities have been used as first proposed by Myring[19] and later incorporated in East's modified momentum integral equation[15].

They are (where suffices i and w denote equivalent inviscid flow quantities and wall values respectively)

$$\bar{\delta} = \frac{1}{\rho_{iw} U_{iw}} \int_0^\delta (\rho_i U_i - \rho U) dy , \tag{7}$$

$$\bar{\theta} = \frac{1}{\rho_{iw} U_{iw}^2} \int_0^\delta \left\{ \left(\rho_i U_i^2 - \rho U^2 \right) - U_{iw}(\rho_i U_i - \rho U) \right\} dy , \tag{8}$$

shape parameter $$H = \frac{\bar{\delta}}{\bar{\theta}} , \tag{9}$$

shape parameter $$\bar{H} = \frac{1}{\bar{\theta} \rho_{iw} U_{iw}} \int_0^\delta \rho (U_i - U) dy . \tag{10}$$

The integral parameters were calculated for three different distributions of static pressure across the boundary layers as described in the following paragraphs.

3.2.1 Static pressure constant and equal to the measured wall pressure

Equations (7), (8), (9) and (10) reduce to the familiar standard integrals when static pressure is constant across the boundary layer giving displacement thickness $$\delta^* = \int_0^\delta \left(1 - \frac{\rho U}{\rho_\delta U_\delta}\right) dy \quad , \tag{11}$$

momentum thickness $$\theta = \int_0^\delta \frac{\rho U}{\rho_\delta U_\delta} \left(1 - \frac{U}{U_\delta}\right) dy \quad , \tag{12}$$

shape factor $$H = \frac{\delta^*}{\theta} \quad , \tag{13}$$

shape factor $$\bar{H} = \frac{1}{\theta} \int_0^\delta \frac{\rho}{\rho_\delta} \left(1 - \frac{U}{U_\delta}\right) dy \quad . \tag{14}$$

The energy thickness was also evaluated: $$\delta_E = \int_0^\delta \frac{\rho U}{\rho_\delta U_\delta} \left[1 - \left(\frac{U}{U_\delta}\right)^2\right] dy \quad . \tag{15}$$

3.2.2 Static pressure variation as measured

Equations (7), (8), (9) and (10) can be used in an 'intermediate form' as in Cook, McDonald and Firmin[20]. In this form the boundary layer defect thicknesses are referred to a fictitious potential flow having the same static pressure distribution as that for the actual viscous flow and a total pressure equal to that at the edge of the boundary layer (p_{t_1}).

Thus for example

$$M_p = \sqrt{5\left[\left(\frac{p_{t_1}}{p}\right)^{\frac{2}{7}} - 1\right]} \tag{16}$$

where $$p_{t_1} = p_\delta\left(1 + 0.2M_\delta^2\right)^{3.5} \quad . \tag{17}$$

The revised integral quantities are as follows:

displacement thickness $$\delta^* = \frac{1}{\rho_w U_w} \int_0^\delta (\rho_p U_p - \rho U) dy \quad , \tag{18}$$

momentum thickness $$\theta = \frac{1}{\rho_w U_w^2} \int_0^\delta \left\{\left(\rho_p U_p^2 - \rho U^2\right) - U_p(\rho_p U_p - \rho U)\right\} dy \quad , \tag{19}$$

shape factor $H = \frac{\delta^*}{\theta}$,

shape factor $\bar{H} = \frac{1}{\theta} \frac{1}{\rho_w U_w} \int_0^{\delta} \rho_p (U_p - U) dy$. (20)

3.2.3 Equivalent inviscid static pressure together with measured static pressure

$\bar{\delta}$, $\bar{\theta}$, H and $\bar{H}$ have already been defined by equations (7), (8), (9) and (10).

Equivalent inviscid static pressures were estimated as described in section 3.1 for traverse positions ahead of the normal shock. Equivalent inviscid Mach numbers were obtained from these pressures, and the total pressure calculated at the edge of the boundary layer (equation (17)) so that

$$M_i = \sqrt{5\left[\left(\frac{p_{t_i}}{p_i}\right)^{\frac{2}{7}} - 1\right]} . \quad (21)$$

ρ_i and U_i were obtained from M_i using a temperature recovery factor of unity while the values of ρ and U were identical to those in section 3.2.2 (being calculated from the measured pitot and static pressures).

Linear interpolation was used to obtain ρ_i and U_i for the 20 points between the wall and $y \simeq 0.8$ mm .

3.3 Skin friction

Three estimates of skin friction are given.

The first estimate C_{f_p} has been deduced by considering the pitot tube when in contact with the wall to be a Preston tube and applying Patel's[21] calibration as formulated by Head and Vasanta Ram[22] and transformed for compressible flow by the method of Fenter and Stalmach[23].

The second and third estimates emerge directly from U_τ which was calculated by fitting East's law of the wall (equation (6)) to the pitot reading for $y \simeq 0.8$ mm . The second estimate was obtained assuming constant wall static pressure to apply across the boundary layer and the third was obtained using measured static pressures. Because at $y \simeq 0.8$ mm wall static pressure applied for both cases, the differences are entirely due to the boundary layer edge conditions obtained from the different static pressures.

It will be noted that several values of C_f are missing from Table 3 and these omissions occur where reversed flow is indicated at M = 1.5.

4 EXPERIMENTAL RESULTS

4.1 The general characteristics of the flow

4.1.1 Shock-wave patterns

Fig 6a shows the vertical cross sections of the main interactions traced from schlieren photographs. Typical photographs have been reproduced in Fig 6b. For completeness, the calculated boundary layer thickness ($\delta_{0.995}$) and the start of the measured reversed flow regions at M = 1.5 have been added to the diagrams. The progression from the pattern at M = 1.3 of a single normal shock wave distorted by the influence of compression curves emanating from the thickening of the upstream boundary layer, to the established triple shock system with the shear layer emanating from the point of bifurcation at M = 1.5, is well illustrated. The increase in size of the shock system with reduction in Reynolds number can also be seen.

The main interaction region has been described in detail by East[3] and the present results at high Reynolds numbers agree with his at M = 1.3 and 1.4. However there is a discrepancy between the sets of results at M = 1.5. The shock bifurcation point for the present experiments is at 180 mm from the floor compared with a value, presumed to be erroneous, of 215 mm given by East.

4.1.2 Flow visualisation

After the completion of the traverse measurements the interaction region was examined by oil flow*.

Photographs of the surface oil flow were taken for all three Mach numbers at a Reynolds number of 10×10^6/m. These photographs, reproduced in Fig 7, were taken after shutting down the tunnel and removing the roof and therefore suffer from slight blurring. The viewpoint looks downstream. The photographs reveal mild three-dimensional effects for M = 1.3 and M = 1.4 but a much more complex pattern for M = 1.5 when the flow is separated. The photograph for M = 1.5 is shown in more detail in Fig 8 together with an attempted interpretation of the wall streamlines.

The nature of the flow in this case appears to be such that there is flow along the arch of a vortex connecting a position on the port side, denoted by B in Fig 8, to a position denoted by A on the starboard side. Thus in a sense A is an attachment node and B a separation node. It should be remarked that whilst the streamwise extent of this region is roughly 300 mm the probe measurements suggest its depth to be only 7 mm.

Near the tunnel centre line between the two vortex patterns, the flow is tolerably two-dimensional except in the immediate regions of the saddle points at the start and end of the separation region.

Presumably because of the non-uniform boundary-layer thickness on the tunnel side wall arising from the flow field associated with the assymetrical nozzle, the separation line on the sidewall is swept and a single vortex node only of separation type is formed.

* The oil-flow mixture was an amalgam of the following in the ratio of 4 cc Vitrea F2, to 2 cc Limea 931, to 3 cc TiO_2, to 2 drops of oleic acid.

The vortex arising from this node is presumed to create the strong convergence towards the tunnel centre line occurring in the corner regions downstream of the interaction. The lines D in Fig 8 have the appearance of separation lines but may in fact indicate only a locally strong convergence of the boundary layer.

4.1.3 Momentum balance

Momentum balance calculations have been made using a rearranged form of East's modified momentum integral equation[15]

$$\frac{d\bar{\theta}}{dX} + \left(H + 2 - M_{iw}^2\right)\frac{\bar{\theta}}{U_{iw}}\frac{dU_{iw}}{dX} - \frac{\tau_w}{\rho_{iw}U_{iw}^2}$$

$$= -\frac{1}{2\rho_{iw}U_{iw}^2}\frac{d}{dX}\overset{\textcircled{1}}{\left\{\rho_{iw}U_{iw}^2\left(\frac{d^2\bar{\delta}}{dX^2} + \kappa\right)(\bar{\theta} + \bar{\delta})^2\right\}} + \overset{\textcircled{2}}{\kappa(\bar{\theta} + \bar{\delta})\frac{d\bar{\delta}}{dX}}$$

$$+ \frac{1}{\rho_{iw}U_{iw}^2}\frac{d}{dX}\overset{\textcircled{3}}{\left\{K\rho_{iw}U_{iw}^2\bar{\theta}\left(\frac{\bar{H} - 1}{\bar{H}}\right)\right\}} + \frac{M_{iw}^2\bar{\theta}V_{iw}}{U_{iw}^2}\frac{dV_{iw}}{dX} \quad . \qquad (22)$$

The last term has been neglected in the analysis because it is small and in any case cannot be evaluated with any reliability. The remaining terms in the right hand side of the equation are:

(1) the normal pressure gradient effect arising from the wall and stream curvature;

(2) the approximation to the direct effect of wall curvature on the flow momentum;

(3) the approximation to the normal stress terms.

The integral parameters, H, $\bar{H}$, $\bar{\theta}$ and $\bar{\delta}$ are defined in equations (7) to (10) while ρ_{iw}, U_{iw} and M_{iw} are respectively the equivalent inviscid values of density, horizontal component of velocity and Mach number at the wall.

The surface curvature κ is zero for this example leaving

$$\frac{d\bar{\theta}}{dX} + \left(H + 2 - M_{iw}^2\right)\frac{\bar{\theta}}{U_{iw}}\frac{dU_{iw}}{dX} - \frac{\tau_w}{\rho_{iw}U_{iw}^2}$$

$$= -\frac{1}{2\rho_{iw}U_{iw}^2}\frac{d}{dX}\left\{\rho_{iw}U_{iw}^2\frac{d^2\bar{\delta}}{dX^2}(\bar{\theta} + \bar{\delta})^2\right\} + \frac{1}{\rho_{iw}U_{iw}^2}\frac{d}{dX}\left\{K\rho_{iw}U_{iw}^2\bar{\theta}\left(\frac{\bar{H} - 1}{\bar{H}}\right)\right\} \quad . \qquad (23)$$

After multiplying throughout by $\rho_{iw}U_{iw}^2$ and rearranging, the equation becomes

$$\frac{d}{dX}\left(\rho_{iw}U_{iw}^2\bar{\theta}\right) = \tau_w - H\rho_{iw}U_{iw}\bar{\theta}\frac{dU_{iw}}{dX} + \frac{d}{dX}\left(f\rho_{iw}U_{iw}^2\bar{\theta}\right) , \qquad (24)$$

where $f = f_1 - f_2$,

$f_1 = 0.072\left(\frac{\bar{H} - 1}{\bar{H}}\right)$, and is the contribution due to the normal stress,

and $f_2 = \frac{1}{2}\frac{d^2\bar{\delta}}{dX^2}\frac{1}{\bar{H}}(\bar{H} + \delta^2) = \frac{1}{2}\frac{d^2\bar{\delta}}{dX^2}(1 + H)(\bar{\theta} + \bar{\delta})$ and is the contribution due to the stream curvature

If suffix 0 represents the conditions at the start of the interaction, then dividing through by $\rho_{iw_0}U_{iw_0}^2\bar{\theta}_{iw_0}$ and integrating, results in the form of the momentum integral equation used in the momentum balance calculations shown in Fig 9:

$$\left[\frac{\rho_{iw}U_{iw}^2\bar{\theta}}{\rho_{iw_0}U_{iw_0}^2\bar{\theta}_0} - 1\right] = \underbrace{\int_{X_0}^{X}\frac{C_f}{2}\frac{\rho_e U_e^2}{\rho_{iw_0}U_{iw_0}^2\theta_0}dX}_{4} - \underbrace{\frac{1}{2}\int_1^{\left(\frac{U_{iw}}{U_{iw_0}}\right)^2}\frac{\rho_{iw}\bar{\delta}}{\rho_{iw_0}\bar{\delta}_0}d\left(\frac{U_{iw}}{U_{iw_0}}\right)^2}_{5} + \left(\frac{f\rho_{iw}U_{iw}^2\bar{\theta}}{\rho_{iw_0}U_{iw_0}^2\bar{\theta}_0} - f_0\right) . \qquad \ldots\ldots (25)$$

In Figs 9 and 11 $\left(\frac{\rho_{iw}U_{iw}^2\bar{\theta}}{\rho_{iw_0}U_{iw_0}^2\bar{\theta}_0} - 1\right)$ is called the left hand side while the remainder of the expression is called the right hand side. The numbered terms are identified later (in Fig 12) as the contributions due to

4 skin friction
5 pressure gradient.

Both sides of equation (25) were calculated using the alternative assumptions of section 3.2 which were (for traverses across the boundary layer):

(a) static pressure constant and equal to the measured wall pressure;

(b) static pressure as measured;

(c) equivalent inviscid static pressure together with measured static pressure. The equivalent inviscid static pressure was calculated for traverses ahead of the shock wave only.

Fig 9 shows the comparison between the left hand side and the right hand side of equation (25) plotted against the streamwise position. The calculations were made using assumption (c). It will be seen that the momentum balance is good over the main interaction region and only becomes significantly in error at approximately 800 mm downstream of the normal shock wave. Downstream of this point, the left hand side actually reduces for Mach numbers ahead of the interaction of 1.4 and 1.5. This indicates a flow divergence and it is interesting to calculate its magnitude.

In terms of equation (22) Green *et al*[24] showed that a flow divergence could be accounted for by subtracting the local rate of divergence $\bar{\theta}(d\phi/dz)$ from the right hand side. This quantity represents the rate of the deviation relative to the nominal flow direction with respect to distance Z perpendicular to the flow but parallel to the surface.

In equation (25) this divergence takes the form

$$\int_{X_0}^{X} \frac{\rho_{iw} U_{iw}^2 \bar{\theta}}{\rho_{iw_0} U_{iw_0}^2 \bar{\theta}_0} \frac{d\phi}{dz} \, dX$$

and this can be added to the left hand side. It is therefore easy to make an estimate of $d\phi/dz$.

This estimate is shown in Fig 10a-c in degrees per metre. For points further downstream of the normal shock wave than 300 mm the figures show a flow divergence of 7°/m at M = 1.3 rising to 15°/m at M = 1.5 (equivalent to 7° and 15° over the tunnel width). The wild fluctuations within the main interaction region are of course due to the rapidly changing conditions and the close streamwise spacing of the traverse positions.

Assumptions (a), (b) and (c) were used to provide comparisons of both sides of the momentum integral equation as shown in Fig 11. There appears little to choose between the momentum balance using any of these assumptions. However it is possible to see some improvement using assumption (b) rather than (a). If the region ahead of the shock wave is examined there is again some improvement if calculation assumption (c) is used.

Fig 12 shows the individual contributions to the right hand side of equation (25).

4.2 Edge Mach numbers and boundary layer parameters

Fig 13a-c shows the development of the Mach number at the edge of the boundary layer, M_δ , the boundary-layer displacement thickness, δ^* , the shape factor H , defined by equation (13), the boundary layer thickness, $\delta_{0.995}$, the skin friction coefficient C_{f_p} (section 3.3), and the shape factor $\bar{H}$ defined by equation (14), all plotted against the longitudinal distance X from the normal part of the shock wave. The results in Fig 13 were calculated assuming constant static pressure, p_w , across the boundary layer normal to the tunnel wall. Further graphs of M_δ, δ^*, H and $\bar{H}$ (Fig 14a-c) show the effect of using measured static pressures to calculate these parameters. The longitudinal region covered by these figures is from 500 mm ahead to 500 mm downstream of the normal shock wave. Outside this region it was assumed that the static pressures were constant normal to the wall and equal to the static pressures used in the first set of calculations (see Fig 15a&b and the Appendix).

Overall there appears to be little effect of variation of Reynolds number on the shape factors and the normalised variation of δ^* and $\delta_{0.995}$. A separation bubble occurs under the interaction region at M = 1.5 and its extent is indicated by the zero values of C_{f_p} . The bubble size decreases slightly with increase in Reynolds number. The shape of the bubble can, however, be seen in the plots of Mach number distribution, Fig 16a-f, and will be described in section 4.4.

The results agree broadly with those obtained in Ref 2 where a fixed pitot rake was used on the standard tunnel floor. However discrepancies begin to creep in 1 m downstream of the normal shock wave where in Ref 2 the Mach number at the start of the interaction was affected by the proximity of the tunnel throat. The results from Ref 2 at M = 1.5 were much more sensitive to Reynolds number in the interaction region and this was probably due to pitot-rake interference. One other point should be noted (and it can be seen in nearly all the following figures) and that is that the rehabilitation process behind the normal shock wave has not been completed after 3 m. This distance is equivalent to at least 400 times the undisturbed displacement thickness ahead of the interaction. It can be seen in Fig 13a-c that the edge Mach numbers, shape factors and boundary layer thicknesses have not yet reached their asymptotic values at the furthest downstream traverse positions.

4.3 Measured static pressures

Static pressure distributions normal to the wall are plotted on scale diagrams of the main interaction region in Fig 15a&b as the difference from the corresponding wall static pressure non-dimensionalised by dividing by the undisturbed stagnation pressure. Zero values are located at the appropriate streamwise station.

As described in the Appendix, the static pressure results have usually been made to merge into the appropriate wall values at floor level, however wall static values have been assumed to apply throughout the separated region in the absence of reliable local values. Static pressures recorded very close to the shock wave may have been affected by its movement and so local pressure gradients may have been reduced.

The diagrams show the expected static pressure variation throughout the main interaction region. The static pressures are fairly constant across the inner part of the shear flow and then decrease outwards across the compression region ahead of the normal shock wave to free-stream values. Behind the main shock wave they increase from one fairly constant level near the wall to a second level behind the normal part of the shock wave.

4.4 Mach number distribution

Mach number contours are plotted in Fig 16a-f over the main interaction region and over the whole of the region investigated downstream of the normal shock wave (note the change of streamwise scale). Measured pitot and the corrected static pressures were used to calculate Mach numbers and the figures result from linear interpolations of Mach number profiles in the vertical direction and from horizontal plots of Mach numbers at constant distances from the wall, y .

The results are therefore dependent on the accuracy of the corrected static pressure measurements and the interpolation procedures which are affected most critically by the smearing effect of the slightly unsteady shock wave. However the results in the interaction region are broadly confirmed by the laser-Doppler anemometer measurements of East[3] and the results of Kooi[7] at M = 1.4. A particular feature is the development of the supersonic tongue beneath the downstream shock wave for M = 1.5.

If East's and the present results at a Reynolds number of 10×10^6/m are compared in slightly more detail, the Mach number contours are in good agreement ahead of the normal shock wave if due allowance is made for the smearing effect of the unsteady shock wave (see above). Very similar supersonic tongues may be seen behind the shock wave and they continue downstream (in both experiments) for 100 mm near the edge of the boundary layer. East's results at M = 1.5 do not cover the full extent of the supersonic tongue but show that it is more extensive than at M = 1.4. In fact the present experiment confirms that it persists near the edge of the boundary layer for 400 mm downstream of the shock wave while at a Reynolds number of 3.5×10^6/m it persists for 600 mm.

It is difficult to be specific about the shape of the supersonic tongue immediately downstream of the trailing shock wave, but the present results agree well with Kooi[7] who also used pitot and static pressure measurements. The rear shock wave appears to terminate at the edge of the boundary layer so that supersonic flow appears to exist above the boundary layer behind a normal shock wave.

There is evidence to suggest that the thin shear layer formed downstream of the shock bifurcation point is still intact 3 m behind the normal shock wave, and even at M = 1.3 there is no sign that the inviscid flow has recovered sufficiently to provide a uniform Mach number contour across the tunnel.

The other point of interest is the separation region at M = 1.5. There appears to be a small decrease in the overall dimensions of the separation bubble with increase in Reynolds number. In fact the length of the separation bubble is reduced from 300 mm at $Re/m = 3.5 \times 10^6$ to 200 mm at $Re/m = 10 \times 10^6$ while the height is reduced slightly from just over 9 mm at the lowest Reynolds number to 7 mm at the highest Reynolds number. This result is in disagreement with Sawyer *et al*[2] where a much greater reduction in bubble size was indicated although as stated in section 4.2 the conditions were somewhat different.

4.5 Boundary-layer velocity profiles

4.5.1 General

Boundary-layer profiles are shown in Fig 17a-f plotted on a scale diagram of the main interaction region together with an extended diagram on a compressed scale showing the whole region of measurement behind the normal shock wave.

The figures indicate the general characteristics of the boundary-layer development. They show the progression from the undisturbed state through the leading compression which influences the shape of the outer part of the boundary layer, through the subsequent separation or near-separation region, to the final recovery towards a zero-pressure-gradient form for the profiles. It can be seen even on the small scale diagrams that the profiles are still disturbed after a distance of nearly 3 m downstream of the normal shock wave, or approximately 400 times the undisturbed displacement thickness.

4.5.2 Logarithmic velocity profiles

Representative velocity profiles are plotted in the logarithmic form adopted by Winter and Gaudet[25] as $\left(U/U_\tau^i\right)$ against $\log\left(yU_\tau^i/\nu_\delta\right)$ where U_τ^i is the equivalent incompressible friction velocity. Values of U_τ^i were derived from the skin friction coefficient Cf_p using the formula

$$U_\tau^i = U_\delta \left(\frac{Cf_p}{2}\right)^{\frac{1}{2}} \left(1 + 0.2M_\delta^2\right)^{\frac{1}{4}} . \tag{26}$$

Cf_p was obtained by treating the pitot tube when in contact with the wall as a Preston tube and using the calculation method described in section 3.3.

The results are plotted separately for three regions. Fig 18 shows the undisturbed velocity profiles just ahead of the interaction region. These profiles were used to define the undisturbed conditions of Table 1. The profiles far downstream of the interaction region are shown in Fig 19. Fig 20 shows typical profiles just downstream of the main interaction region.

4.5.3 The law of the wall

Figs 18 to 20 show typical 'law of the wall' fits for small values of y (the distance from the wall). The law of the wall is defined in the form adopted by Winter and Gaudet[25] as

$$\frac{U}{U_\tau^i} = \frac{1}{\kappa} \ln\left(\frac{yU_\tau^i}{\nu_\delta}\right) + \phi(0) , \tag{27}$$

which may be expressed as

$$\frac{U}{U_\tau^i} = A \log\left(\frac{yU_\tau^i}{\nu_\delta}\right) + B . \tag{28}$$

The results have been compared with Winter and Gaudet's incompressible law of the wall

$$\frac{U}{U_\tau^i} = 6.05 \log\left(\frac{yU_\tau^i}{\nu_\delta}\right) + 4.05 , \tag{29}$$

and with Coles' incompressible form (equation (5))

$$\frac{U}{U_\tau} = 5.62 \log\left(\frac{yU_\tau}{\nu_\delta}\right) + 5.0 .$$

Coles' incompressible law of the wall is usually applied to compressible flow by making use of the Van Driest[26] transformation. It was therefore necessary to confirm that the transformations of Van Driest and Winter and Gaudet gave similar results when applied to the compressible profiles of the present experiment. Two profiles were checked and are plotted using both transformations in Figs 18 and 19. The first profile had a free-stream Mach number of 1.54 and was in the undisturbed region ahead of the interaction region, while the second profile had a free-stream Mach number of 0.83 and was from a pitot traverse made 2759 mm downstream of the normal shock wave. It can be seen that both transformations gave identical values of A and B although the wake components were very different at the free-stream Mach number of 1.54 (Fig 18). Because both transformations gave identical values of A and B Coles' incompressible law of the wall has been presented in the form adopted by Winter and Gaudet.

It would appear from Fig 18 that within the data scatter there is little to choose between the forms of the law of the wall due to Coles and due to Winter and Gaudet.

The average fit made to all the profiles ahead of the interaction region is

$$\frac{U}{U^i_\tau} = 6.16 \log \frac{yU^i_\tau}{\nu_\delta} + 3.6 \tag{30}$$

which is somewhat closer to the latter.

However behind the normal shock wave (Figs 19 and 20) the average fit becomes

$$\frac{U}{U^i_\tau} = 4.77 \log \frac{yU^i_\tau}{\nu_\delta} + 6.6 \tag{31}$$

which is quite different from equation (30).

Equations (30) and (31) were obtained by fitting the best straight lines (using the method of least squares) to the linear logarithmic regions close to the wall and averaging the results ahead of, and downstream of, the normal shock wave. Straight line fitting was not attempted when there were less than eight measured points in the linear region, or when the pitot traverse results contained reversed flow. The two traverse positions that were closest to the wall were omitted when fitting best straight lines.

Fig 21 shows the variation of A and B with streamwise position for each undisturbed free stream condition. It demonstrates most clearly the reduction in A accompanied by an increase in B for the boundary-layer traverse positions downstream of the normal shock wave. There does not seem to be any consistent variation of A and B with Reynolds number.

It would appear therefore that either large perturbations or normal pressure gradients affect the law of the wall, in a way which implies an increase in the eddy viscosity.

4.5.4 Departures from equilibrium and the law of the wake

An attempt has been made to demonstrate violent departures of the flow from equilibrium by extracting from the measurements the parameters used to describe the equilibrium locus in integral models of turbulent boundary layers. The analysis is further extended in terms of the character and magnitude of the wake component.

In order to deal with separated flows, East, Smith and Merryman[27] redefined the usual parameters

$$G = \frac{\bar{H} - 1}{\bar{H}} \sqrt{\frac{2}{C_f}} \ , \tag{32}$$

$$\Pi = -\frac{2\delta^*}{C_f U_\delta} \frac{dU_\delta}{dX} \tag{33}$$

as

$$E_f^i = \frac{1}{G^2} \ , \tag{34}$$

and

$$E_p^i = \frac{\Pi}{G^2} \ , \tag{35}$$

thus removing the difficulty created as the skin friction coefficient passes through zero and becomes negative. With an empirically derived allowance for compressibility, the parameters become

$$E_f = \frac{1 + 0.04M_\delta^2}{G^2} \tag{36}$$

$$E_p = \frac{\Pi}{G^2}\left(1 + 0.04M_\delta^2\right) \ . \tag{37}$$

In Fig 22, the loci for the measured boundary layer developments are compared with the equilibrium locus

$$E_f = 0.024 - 0.8E_p \tag{38}$$

which is substantiated by experiment for attached flow and tentatively assumed in Ref 27 to remain valid in separated flow.

Points to the right and left of the equilibrium locus correspond respectively to stronger and weaker adverse pressure gradients than those appropriate to equilibrium flow. Negative values of E_p represent favourable pressure gradients, while negative values of E_f represent separation.

In Fig 22 the results for each set of test conditions have been plotted using symbols to represent the following regions

A represents equilibrium conditions ahead of the main interaction;

B represents the strongly adverse pressure gradient under the leading compression (which causes separation at M = 1.5);

C represents the rapid recovery just downstream of the normal shock wave;

D represents the remainder of the flow which might be expected to approach equilibrium conditions.

Points on the loci where there are changes from one region to the next are indicated by the numerals 1 to 3.

The loci show that region A is approximately in equilibrium but the rapid rise of E_p while E_f only falls slowly in region B indicates that the boundary layer lags in its response to the strong adverse pressure gradient under the leading compression. In region C, E_p recovers rapidly to the equilibrium locus but then overshoots before returning. E_f only starts to increase after E_p has overshot the equilibrium locus and this again indicates a lag in the response of the boundary layer to a change in pressure gradient. The failure of the boundary layer to return to the equilibrium locus far downstream (in region D) may be interpreted as a further indication of the persistently disruptive effect of the shock-wave boundary-layer interactions on the velocity profiles already detected in the law of the wall as shown in Fig 21.

On the other hand the wake components of the profiles, remain fairly close to the standard shape as shown in Figs 23 and 24. In these figures the normalised wake components have been plotted in the following way. Fig 23a shows the undisturbed wake components in region A, and the results under the first compression through which it is possible to fit a law of the wall are shown in Fig 23b. Fig 24a-c has been produced by grouping similar normalised wakes into one diagram. In fact Fig 24a&b covers the rapid recovery region C together with the beginning of D, while Fig 24c covers the downstream part of region D.

According to Winter and Gaudet[25] the law of the wake for compressible boundary layers in zero pressure gradients is

$$\frac{\Delta U}{U_\tau^i} = 0.89\left[1 + \sin\frac{\pi}{0.707}\left(\frac{y}{\delta_{0.999}} - 0.483\right)\right] . \tag{39}$$

which after normalisation and allowance for the difference between $\delta_{0.999}$ and $\delta_{0.995}$ becomes

$$\left(\frac{\Delta U}{U_\tau^i}\right)_N = 0.5\left[1 + \sin\frac{\pi}{0.818}\left(\frac{y}{\delta_{0.995}} - 0.529\right)\right] , \tag{40}$$

where the normalised wake component $\left(\Delta U/U_\tau^i\right)_N$ has been obtained by dividing the wake component by the maximum value for each traverse. The shape of the normalised wake components has been plotted in Figs 23 and 24. On each figure a curve in the form of equation (40) is shown with the constants adjusted to fit the particular set of results.

The maximum values of the wake component for each traverse $\left(\Delta U/U_\tau^i\right)_{max}$ are plotted in Fig 25 against E_f. In Fig 25a the results for regions A and B ahead of the normal shock wave are given while the results downstream of the normal shock wave (in regions C and D) are shown in Fig 25b. It will be seen in Fig 25a that apart from the boundary layer profiles that have been perturbed by the leading edge of the strong compression, the maximum values of the wake components are in good agreement with the locus obtained from the equilibrium family of boundary layers described by East, Sawyer and Nash[28]. However, in Fig 25b for locations downstream of the disruptive effect of the strong pressure gradient (points in the regions C and D downstream of the normal shock wave) the results depart considerably from the equilibrium locus.

The different behaviour upstream and downstream of the shock wave is illustrated further in Fig 26 where calculated values of J and K are plotted against the equilibrium parameter E_f . The values of J and K were obtained by fitting sine waves of the form

$$\left(\frac{\Delta U}{U_\tau^i}\right)_N = 0.5\left[1 + \sin\frac{\pi}{J}\left(\frac{y}{\delta_{0.995}} - K\right)\right] , \tag{41}$$

to the wake components for each boundary layer profile.

It should be noted that because of the quantity of data recorded, the values of $\left(\Delta U/U_\tau^i\right)_{max}$ were taken at that y-position of the pitot probe which gave a maximum value rather than estimating the true value by curve fitting. This in part accounts for the spread of values of J . No attempt was made to investigate the region B under the first compression.

However in the undisturbed equilibrium boundary layers of region A , the averaged values of J and K result in a normalised law of the wake

$$\left(\frac{\Delta U}{U_\tau^i}\right)_N = 0.5\left[1 + \sin\frac{\pi}{0.819}\left(\frac{y}{\delta_{0.995}} - 0.494\right)\right] \tag{42}$$

which is extremely close to Winter and Gaudet's law (equation (40)). The average value of $\left(\Delta U/U_\tau^i\right)_{max}$ for region A is 2.23 which is rather higher than Winter and Gaudet's value of 1.78 (equation (39)).

In the region downstream of the shock wave (Fig 26b) the parameters J and K show an appreciable variation with E_f . Thus in this region the velocity profiles cannot be represented by a family having either a standard law of the wall (section 4.5.3) or a standard form of the law of the wake.

5 CONCLUSIONS

Seven flows have been studied involving the interaction of normal shock waves with nominally two-dimensional turbulent boundary layers over a range of Mach numbers of 1.3 to 1.5 and of Reynolds numbers based on an effective streamwise run of 10×10^6 to 30×10^6. The data extend from 700 mm upstream to 3000 mm downstream of the normal shock-wave position. These distances are equivalent to respectively 90 and 400 times the undisturbed boundary layer displacement thickness.

Oil flow investigations on the floor under the main interaction region indicate a highly three-dimensional flow at M = 1.5, but the results and momentum balance calculations support the view that this three-dimensionality is confined to the separation region. This region is very shallow having a depth of less than 10 mm and streamwise extent of 300 mm while the flow in the region of the tunnel centre line is tolerably two-dimensional, except in the immediate regions of the saddle points at the start and end of the separation. Further downstream of the main interaction region, the momentum balance calculations indicate a slight flow divergence over the width of the tunnel of between 7^o at M = 1.3 to 15^o at M = 1.5.

In calculating the momentum balance, use has been made of corrected static pressure measurements and an attempt has been made to follow the recent ideas of matching the free-stream conditions with the viscous layer by defining an equivalent inviscid flow.

A method has been evolved for correcting the static pressure measurements made with the twin static pressure probe used in the experiment, and static pressure distributions normal to the wall within the main shock-wave boundary-layer interaction are presented. Combined with pitot measurements this enables the Mach number distribution to be obtained.

The results agree with the laser measurements of East[3] which cover a more limited area. The present experiment has also produced more detail of the separated region. Good agreement is also noted with Kooi's[7] results at M = 1.4.

All the measurements confirm that the flow has not stabilised after 3 m downstream of the normal shock wave (or 400 times the undisturbed displacement thickness). Here the thin shear layer which is produced at the bifurcation point of the shock waves at M = 1.4 and 1.5 is intact and there are still velocity gradients across the tunnel in the inviscid flow. Also the boundary-layer profiles have not recovered to the equilibrium shapes.

The analysis in terms of the law of the wall and the law of the wake for the region ahead of the interaction agree fairly closely with Winter and Gaudet (equation (29)) and Coles (equation (5)). However the evidence downstream of the normal shock wave suggests that the law of the wall has been changed by the large perturbations or normal pressure gradients. However a single law of the wall may be used for the whole region behind the main disturbance.

A normalised version of Winter and Gaudet's law of the wake (equation (40)) provides a fair estimate for the shape of the normalised wake components ahead of the normal shock wave. The disruptive effects of the normal shock waves appear mainly as changes in amplitude of the normalised wake components, but the form of the wake component is also changed.

Apart from the boundary layers immediately affected by the leading edge of the first compression, the maximum values of the wake function ahead of the normal shock wave have a similar correlation with the equilibrium function E_f (equation (36)) as the equilibrium family of flows of East, Sawyer and Nash[28]. Although the maximum values of the wake functions downstream of the normal shock wave also correlate with E_f, they correlate in a quite different way from that expected for equilibrium boundary layers.

Appendix

STATIC PRESSURE PROBE CORRECTIONS

A.1 Calibration measurements

As stated previously (section 2.2.4) the corrections to be applied to the static pressure probes were based on limited measurements made in the free stream at transonic speeds together with the results of the calibrations of the twin static pressure probe by traverses through the floor boundary layers at free-stream Mach numbers between 0.66 and 0.88. Additional information was derived during the actual experiment from the static and pitot traverses ahead of the interaction region at free-stream Mach numbers of 1.3, 1.4 and 1.5. Data was also used from the static and pitot traverses made through the boundary layer 1 to 3 m downstream of the normal shock wave at M = 1.3. It was assumed that for all these regions the static pressure for each traverse was constant and equal to the wall value, p_w .

The results of the free-stream calibrations are shown in Fig 27 where the differences between the measured and actual static pressures are presented as pressure coefficients based on local conditions plotted against Mach number. Also (shown dotted) are the calibrations after three stages of smoothing which were used to correct the static pressure readings made under the severe velocity gradients of the region investigated (section A.2.2). There was no apparent Reynolds number effect on the calibrations but time limitations precluded much use of the single static pressure probes. The correction method described, therefore applies only to the twin static pressure probe. No static measurements were made at M = 1.4 for a unit Reynolds number of 3.5×10^6/m.

A.2 The correction method applied to the twin static pressure probe

Fig 28a&b shows typical static pressure measurement errors incurred while making boundary layer traverses with the twin static pressure probe. The boundary layers had constant static pressures normal to the wall.

The errors have been presented as the differences between the measured and actual static pressures and are shown as pressure coefficients based on local conditions. They are plotted against the distance from the wall, y , non-dimensionalised by dividing by the boundary layer thickness $\delta_{0.995}$.

Fig 28a shows typical errors when the maximum Mach number is less than the critical value of 1.098 (the point at which the free-stream calibration errors are shown in Fig 27, to become negligible). The errors have a different character if the maximum Mach number for the traverse is above the critical value as shown in Fig 28b. It is therefore convenient to divide the errors to be corrected into two categories:

(1) when the outer static pressure probe is at a Mach number of less than or equal to 1.098;

(2) when the outer static pressure probe is at a Mach number greater than 1.098.

This is a not unreasonable assumption because the main source of error in the free-stream calibrations and the static traverse measurements made away from the influence of the wall, can be shown to be mostly due to the interconnecting stem between the inner and outer static pressure probes (see Fig 27 and Reed, Pope and Cooksey[29], pp 1028-1031). Therefore the main correction to be applied to the inner static probe depends on some estimate of the mean Mach number over the connecting stem provided the static pressure probes are both at Mach numbers below the critical 1.098. If however, the outer static probe is at a Mach number above this critical value, then there is no interference associated with the interconnecting stem in the region of the outer static probe. In this case a suitable course of action is to use the local Mach number to estimate the correction due to the interconnecting stem on the pressure measured by the inner static probe.

It is now proposed to deal with the errors in more detail by considering the three regions A, B and C indicated in Fig 28 in conjunction with the Mach number of the outer static pressure probe.

A.2.1 Region A

The error in this region is treated as arising mainly from wall interference. There is however some compressibility effect. The errors are presented in law of the wall terms for correlation purposes (Figs 29 and 30). Fig 29 shows the accumulated errors resulting from the subsonic boundary-layer traverses, while Fig 30 shows the errors resulting from the undisturbed boundary-layer traverses ahead of the interaction region at free-stream Mach numbers of 1.3, 1.4 and 1.5. To calculate the corrections, the errors of region A may be added to those of region B. However because the errors of regions B and C are based on local conditions rather than the conditions at the edge of the boundary layer used for region A, the region A errors are multiplied by a factor $(M_\delta/M)^2$ to bring them into line.

Thus the corrections needed for the static pressure measurements made in region A are given by

$$C_{p_A} = \frac{p_m - p}{\frac{1}{2}\rho U^2} = C_f \left(\frac{M_\delta}{M}\right)^2 f_n\left(\frac{yU_\tau}{\nu_\delta}, M\right) .$$

A.2.1.1 Outer static pressure probe at $M \leq 1.098$

The measurement errors shown in Fig 29 have been presented as

$$\left(\frac{p_m - p_w}{\frac{1}{2}\rho_\delta U_\delta^2}\right)\frac{1}{C_f}$$

and plotted against yU_τ/ν_δ. The corrections needed are actually fairly small (for the Mach numbers are low) and so a single correction has been used and this is represented by the continuous line in the figure. The correction is given by

$$C_{p_A} = 15C_f\left(\frac{M_\delta}{M}\right)^2 \qquad \text{when} \quad \frac{yU_\tau}{\nu_\delta} < 644$$

$$C_{p_A} = C_f\left(\frac{M_\delta}{M}\right)^2\left[50.37 - 5.469\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right)\right] \qquad \text{when} \quad 644 \leqslant \frac{yU_\tau}{\nu_\delta} < 1000$$

$$C_{p_A} = 0 \qquad \text{when} \quad \frac{yU_\tau}{\nu_\delta} \geqslant 1000 \ .$$

A.2.1.2 Outer static pressure probe at $M > 1.098$

Fig 30 shows the pressure measurement errors plotted in similar terms to those used in section A.2.1.1. Here the results are strongly Mach-number dependent. The corrections have been applied on the assumption that the pressure measurement errors in Fig 30 have a linear relation with Mach number for constant yU_τ/ν_δ. The slopes and zero intercepts of this linear variation are then assumed to be entirely dependent upon $yU_\tau/\nu_{\delta_{0.995}}$. The corrections which are shown by the continuous lines in Fig 30 are given by

$$C_{p_A} = FC_f\left(\frac{M_\delta}{M}\right)^2\left[M - 0.2725 - 0.1153\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right)\right]$$

where

$$F = 19.33\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right) - 433.5 \qquad \text{when} \quad \frac{yU_\tau}{\nu_\delta} \leqslant 7660$$

$$F = 692.7\ \ln\left(\frac{yU_\tau}{\nu_\delta}\right) - 6456 \qquad \text{when} \quad 7660 < \frac{yU_\tau}{\nu_\delta} < 11200$$

$$F = 0 \qquad \text{when} \quad \frac{yU_\tau}{\nu_\delta} \geqslant 11200 \ .$$

This correction is based on rather limited evidence but the magnitude is small and the probable accuracy of the correction is within $1\frac{1}{2}\%$ of the true static pressure.

A.2.2 Regions B and C

The errors in these regions are treated as arising from a combination of shear flow and compressibility effects. It would therefore be expected that there would be an error which would correlate with $y/\delta_{0.995}$ and a larger error due to the geometry of the twin static pressure probe, which would correlate with Mach number. As stated in section A.2 the greater part of the latter error is due to the stem interconnecting the inner and outer static pressure probes, and the necessary correction depends on an estimate of Mach number and a form of the free-stream calibration of the twin static probe.

In fact, the average Mach number of the inner and outer static probes is used to give the necessary correction to the static pressure measured by the inner probe, when the outer probe is below the critical Mach number of 1.098. In all other instances the local Mach number is used to obtain the correction needed to the measured static pressure.

This applies to both the inner and outer static probes. The local Mach number is always used for the outer static pressure probe because it is normally in a region where the Mach number gradient normal to the wall is small.

It was found that the free-stream calibration overcorrected the static pressure measurement errors, and so a compromise calibration was used (shown dotted in Fig 27a) which involved three stages of smoothing. It may be noted from Fig 16a-f that the critical Mach number is only encountered ahead of and in the immediate vicinity of the main interaction region. The location of the point for critical Mach number is close to the wall for stations upstream of the influence of the normal shock wave. The environment is therefore one of severe shear strains and velocity gradients and the smoothing exercise is probably justified as it only affects the free-stream calibration in the region of the critical Mach number.

The form of the corrections is given by

$$C_{p_B} = \mathrm{fn}\left(M_I, M_U, \frac{y}{\delta_{0.995}}\right)$$

$$C_{p_C} = \mathrm{fn}\left(M_U, \frac{y}{\delta_{0.995}}\right) .$$

A.2.2.1 Outer static pressure probe at $M \leqslant 1.098$

The corrections are calculated in terms of local density and velocity. The modified calibration curves (shown dotted in Fig 27) are used to obtain $(p_m - p/\frac{1}{2}\rho U^2)$ from fn(M) and the modification to the free-stream calibration due to probe position is shown in Fig 31.

Thus the total correction is given by

$$C_{p_B} = \mathrm{fn}\left(\frac{M_I + M_U}{2}\right) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{p_C} = \mathrm{fn}(M_U) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{p_B} = 0 \qquad \text{if} \quad \frac{y}{\delta_{0.995}} < 0.15 .$$

A.2.2.2 Outer static pressure probe at $M > 1.098$

$$C_{p_B} = \mathrm{fn}(M_I) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{p_C} = fn(M_U) \times 0.94\left[\sin\left\{0.665\left(\frac{y}{\delta_{0.995}} - 0.15\right)\right\}\right]^{\frac{1}{2}}$$

$$C_{p_B} = 0 \qquad\qquad \text{if} \quad \frac{y}{\delta_{0.995}} < 0.15 \; .$$

A.2.3 Total corrections

$$\text{Inner tube} \quad C_{p_I} = C_{p_A} + C_{p_B} = \frac{p_m - p}{\frac{1}{2}\rho U^2}$$

$$\text{Outer tube} \quad C_{p_U} = C_{p_C} = \frac{p_m - p}{\frac{1}{2}\rho U^2} \; .$$

A.3 Applying the corrections

The following describes how the static pressure corrections are calculated and applied:

(1) Calculate the Mach number at each measuring station from interpolated pitot and wall pressure measurements. Calculate $y/\delta_{0.995}$, C_f and $y(U_\tau/\nu_w)$.

(2) Calculate the static pressure corrections and subtract from the measured values.

(3) Recalculate the new Mach number using the new static pressure and the interpolated pitot measurement.

Steps (2) and (3) are repeated until the difference between the new and old Mach number is less than 0.001. A suitable damping factor is needed to prevent oscillations in the calculation.

(4) Record the corrected Mach number and static pressure.

Fig 32 shows the effect of the correction on static pressures measured ahead and downstream of the interaction region where the static pressures may be expected to be nearly uniform across the boundary layer thickness. It will be seen that the static pressure errors have been reduced to 1½% of the true static pressure.

A.4 Transferring the corrected static pressures to the pitot traverse measurements

The final stage of the procedure is to interpolate in the distribution of static pressure to obtain values at the location of the pitot-pressure measurements.

The calculated static pressures for each static pressure traverse are smoothed and transferred to a carpet plot of static pressure against streamwise position as shown in Fig 33. The appropriate static pressures are then transferred from the carpet plot for each pitot traverse. A final stage of smoothing ensures that the final static pressure curves are asymptotic to the wall static pressure within a few millimetres of the tunnel floor.

The corrected static pressure results may be seen in Fig 15a&b.

Table 1

TEST CONDITIONS

M_0	Re/m $\times 10^{-6}$	Re δ^* $\times 10^{-3}$	Re θ $\times 10^{-3}$	Re ℓ $\times 10^{-6}$	Distance of throat ahead of window centreline (m)	Effective turbulent run ahead of window centreline (m)
1.270	3.66	29.1	14.1	11.2	2.78	3.25
1.272	10.21	68.2	33.8	31.2	2.78	3.23
1.373	3.67	30.0	13.6	10.9	2.84	3.17
1.386	10.03	68.2	31.6	29.5	2.84	3.14
1.522	3.51	28.1	11.8	9.5	2.86	2.97
1.531	6.47	46.1	20.2	17.3	2.87	2.95
1.538	9.96	68.7	29.2	27.9	2.87	3.02

TABLE 2

BOUNDARY-LAYER PROFILES

M (NOMINAL)= 1.3

X=-675 MM T0=292.3 K DEL.995= 35.7 MM

RE/M= 3.66*10^6 (MEASURED P) ME=1.291 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3659	0.3659
0.69	0.6539	0.5613	0.6539	0.5613	0.3658	0.3659
0.89	0.6783	0.5806	0.6783	0.5806	0.3659	0.3659
1.11	0.7055	0.6018	0.7055	0.6018	0.3659	0.3659
1.30	0.7222	0.6147	0.7222	0.6147	0.3659	0.3659
1.49	0.7364	0.6256	0.7364	0.6256	0.3659	0.3659
1.69	0.7516	0.6372	0.7516	0.6372	0.3659	0.3659
2.19	0.7843	0.6619	0.7843	0.6619	0.3659	0.3659
2.72	0.8091	0.6805	0.8091	0.6805	0.3659	0.3659
3.21	0.8280	0.6945	0.8280	0.6945	0.3659	0.3659
3.70	0.8456	0.7070	0.8456	0.7070	0.3659	0.3659
4.69	0.8766	0.7299	0.8766	0.7299	0.3659	0.3659
6.71	0.9294	0.7676	0.9294	0.7676	0.3659	0.3659
8.69	0.9726	0.7977	0.9726	0.7977	0.3659	0.3659
10.69	1.0127	0.8248	1.0127	0.8248	0.3659	0.3659
12.70	1.0478	0.8486	1.0478	0.8486	0.3659	0.3659
14.72	1.0795	0.8695	1.0795	0.8695	0.3659	0.3659
16.70	1.1126	0.8909	1.1126	0.8909	0.3659	0.3659
18.69	1.1422	0.9104	1.1422	0.9104	0.3659	0.3659
20.69	1.1680	0.9259	1.1680	0.9259	0.3659	0.3659
22.70	1.1995	0.9454	1.1995	0.9454	0.3659	0.3659
25.69	1.2272	0.9621	1.2272	0.9621	0.3659	0.3659
28.21	1.2506	0.9762	1.2506	0.9762	0.3659	0.3659
30.70	1.2679	0.9865	1.2679	0.9865	0.3659	0.3659
33.19	1.2802	0.9937	1.2802	0.9937	0.3659	0.3659
35.69	1.2866	0.9974	1.2866	0.9974	0.3659	0.3659
38.19	1.2888	0.9987	1.2888	0.9987	0.3659	0.3659
40.69	1.2910	1.0000	1.2910	1.0000	0.3659	0.3659
45.69	1.2889	0.9986	1.2889	0.9986	0.3659	0.3659
50.70	1.2888	0.9987	1.2888	0.9987	0.3659	0.3659
55.72	1.2884	0.9985	1.2884	0.9985	0.3659	0.3659
102.11	1.2905	0.9997	1.2905	0.9997	0.3659	0.3659
112.11	1.2913	1.0001	1.2913	1.0001	0.3659	0.3659
122.11	1.2898	0.9993	1.2898	0.9993	0.3659	0.3659
132.12	1.2904	0.9996	1.2904	0.9996	0.3659	0.3659
142.11	1.2913	1.0001	1.2913	1.0001	0.3659	0.3659
152.12	1.2891	0.9989	1.2891	0.9989	0.3659	0.3659
157.14	1.2887	0.9986	1.2887	0.9986	0.3659	0.3659

M (NOMINAL)= 1.3

X=-481 MM T0=292.3 K DEL.995= 38.3 MM

RE/M= 3.67*10^6 (MEASURED P) ME=1.270 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3777	0.3777
0.69	0.6212	0.5420	0.6212	0.5420	0.3777	0.3777
0.89	0.6435	0.5600	0.6435	0.5600	0.3777	0.3777
1.10	0.6640	0.5764	0.6640	0.5764	0.3777	0.3777
1.30	0.6805	0.5895	0.6805	0.5895	0.3777	0.3777
1.50	0.6979	0.6001	0.6979	0.6001	0.3777	0.3777
1.69	0.7085	0.6116	0.7085	0.6116	0.3777	0.3777
2.19	0.7288	0.6252	0.7288	0.6252	0.3777	0.3777
2.72	0.7547	0.6552	0.7547	0.6552	0.3777	0.3777
3.20	0.7849	0.6706	0.7849	0.6706	0.3777	0.3777
3.72	0.8067	0.6871	0.8067	0.6871	0.3777	0.3777
4.69	0.8748	0.7082	0.8748	0.7082	0.3777	0.3777
6.71	0.8835	0.7441	0.8835	0.7441	0.3777	0.3777
8.70	0.9263	0.7750	0.9263	0.7750	0.3777	0.3777
10.69	0.9649	0.8023	0.9649	0.8023	0.3777	0.3777
12.69	0.9968	0.8244	0.9968	0.8244	0.3777	0.3777
14.71	1.0315	0.8482	1.0315	0.8482	0.3777	0.3777
16.69	1.0638	0.8691	1.0638	0.8691	0.3777	0.3777
18.69	1.0939	0.8898	1.0939	0.8898	0.3777	0.3777
20.70	1.1200	0.9068	1.1200	0.9068	0.3777	0.3777
22.19	1.1527	0.9284	1.1527	0.9284	0.3777	0.3777
25.70	1.1867	0.9455	1.1867	0.9455	0.3777	0.3777
28.19	1.2076	0.9622	1.2076	0.9622	0.3777	0.3777
30.70	1.2299	0.9758	1.2299	0.9758	0.3777	0.3777
33.19	1.2461	0.9858	1.2461	0.9858	0.3777	0.3777
35.74	1.2587	0.9932	1.2587	0.9932	0.3777	0.3777
38.22	1.2649	0.9970	1.2649	0.9970	0.3777	0.3777
40.75	1.2676	0.9986	1.2676	0.9986	0.3777	0.3777
45.71	1.2700	1.0000	1.2700	1.0000	0.3777	0.3777
50.75	1.2667	0.9980	1.2667	0.9980	0.3777	0.3777
55.71	1.2663	0.9978	1.2663	0.9978	0.3777	0.3777
102.11	1.2676	0.9986	1.2676	0.9986	0.3777	0.3777
112.11	1.2654	0.9973	1.2654	0.9973	0.3777	0.3777
122.12	1.2668	0.9981	1.2668	0.9981	0.3777	0.3777
132.12	1.2650	0.9970	1.2650	0.9970	0.3777	0.3777
142.17	1.2666	0.9980	1.2666	0.9980	0.3777	0.3777
152.17	1.2652	0.9971	1.2652	0.9971	0.3777	0.3777
157.13	1.2642	0.9965	1.2642	0.9965	0.3777	0.3777

M (NOMINAL)= 1.3

X=-479 MM T0=293.[illegible] K DEL.995= 38.3 MM

RE/M= 3.64*10^6 (MEASURED P) ME=1.267 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3780	0.3780
[illegible]	0.6287	0.5426	0.6287	0.5426	0.3780	0.3780
[illegible]	0.6446	0.5620	0.6448	0.5620	0.3780	0.3780
[illegible]	0.6620	0.5758	0.6620	0.5758	0.3780	0.3780
[illegible]	0.6805	0.5906	0.6805	0.5906	0.3780	0.3780
[illegible]	0.6967	0.6034	[illegible]	0.6034	0.3780	0.3780
[illegible]	0.7067	[illegible]	0.7067	[illegible]	0.3780	0.3780
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3780	0.3780
[illegible]	0.7611	0.6536	0.7611	0.6536	0.3780	0.3780
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3780	0.3780
[illegible]	[illegible]	0.6855	[illegible]	[illegible]	0.3780	0.3780
[illegible]	0.8155	0.7100	[illegible]	0.7100	0.3780	0.3780
[illegible]	0.8861	0.7474	0.8861	0.7474	0.3780	0.3780
[illegible]	0.9290	0.7792	0.9290	0.7792	0.3780	0.3780
[illegible]	0.9651	0.8040	0.9651	0.8040	0.3780	0.3780
[illegible]	0.9975	0.8264	0.9975	0.8264	0.3780	0.3780
[illegible]	1.0297	0.8485	[illegible]	0.8485	0.3780	0.3780
[illegible]	1.0645	[illegible]	1.0645	[illegible]	0.3780	0.3780
[illegible]	1.0910	0.8895	1.0910	0.8895	0.3780	0.3780
[illegible]	1.1271	0.9104	1.1271	0.9104	0.3780	0.3780
[illegible]	1.1521	0.9291	1.1521	0.9291	0.3780	0.3780
[illegible]	1.1801	0.9487	1.1801	0.9487	0.3780	0.3780
[illegible]	1.2062	0.9643	1.2062	0.9643	0.3780	0.3780
[illegible]	1.2285	0.9780	1.2285	0.9780	0.3780	0.3780
[illegible]	1.2505	0.9901	1.2505	0.9901	0.3780	0.3780
[illegible]	1.2597	0.9956	1.2597	0.9956	0.3780	0.3780
[illegible]	1.2643	0.9984	1.2643	0.9984	0.3780	0.3780
40.[illegible]	1.2658	0.9993	1.2658	0.9993	0.3780	0.3780
45.74	1.2670	1.0000	1.2670	1.0000	0.3780	0.3780
50.70	1.2664	0.9996	1.2664	0.9996	0.3780	0.3780
102.11	1.2654	0.9990	1.2654	0.9990	0.3780	0.3780
112.11	1.2656	0.9992	1.2656	0.9992	0.3780	0.3780
122.12	1.2665	0.9997	1.2665	0.9997	0.3780	0.3780
132.14	1.2667	0.9998	1.2667	0.9998	0.3780	0.3780
142.14	1.2656	0.9992	1.2656	0.9992	0.3780	0.3780
152.12	1.2642	0.9983	1.2642	0.9983	0.3780	0.3780

M (NOMINAL)= 1.[illegible]

X=-285 MM T0=292.1 K DEL.995= 40.0 MM

RE/M= [illegible].67*10^6 (MEASURED P) ME=1.261 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3866	0.3866
0.69	0.6282	0.5506	0.6282	0.5506	0.3866	0.3866
0.90	0.6528	0.5711	0.6528	0.5711	0.3866	0.3866
1.1[illegible]	0.6741	0.5875	0.6741	[illegible]	0.3866	0.3866
1.29	0.6904	0.6006	0.6904	0.6006	0.3866	0.3866
1.49	0.7626	0.6104	[illegible]	0.6104	0.3866	0.3866
[illegible]	[illegible]	0.6206	[illegible]	0.6206	0.3866	0.3866
[illegible]	[illegible]	0.6426	[illegible]	0.6426	0.3866	0.3866
[illegible]	0.7657	0.6595	0.7657	0.6595	0.3866	0.3866
[illegible]	0.7816	0.6717	0.7816	0.6717	0.3866	0.3866
[illegible]	0.7962	0.6644	0.7962	0.6644	0.3866	0.3866
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3866	0.3866
[illegible]	[illegible]	0.7590	0.8711	[illegible]	0.3866	0.3866
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.3866	0.3866
10.[illegible]	0.9455	[illegible]	0.9455	[illegible]	0.3866	0.3866
[illegible]	[illegible]	0.8181	[illegible]	[illegible]	0.3866	0.3866
14.[illegible]	1.0067	[illegible]	1.0067	[illegible]	0.3866	0.3866
[illegible]	1.0399	0.8585	1.0399	0.8585	0.3866	0.3866
[illegible]	1.0700	0.8787	1.0700	[illegible]	0.3866	0.3866
[illegible]	1.0975	[illegible]	[illegible]	[illegible]	0.3866	0.3866
[illegible]	1.1266	0.9161	[illegible]	[illegible]	0.3866	0.3866
[illegible]	1.1600	0.9375	1.1600	[illegible]	0.3866	0.3866
[illegible]	1.1846	0.9530	1.1846	0.9530	0.3866	0.3866
[illegible]	1.2121	0.9700	1.2121	0.9700	0.3866	0.3866
[illegible]	1.2321	0.9825	1.2321	0.9825	0.3866	0.3866
[illegible]	1.2459	0.9909	1.2459	0.9909	0.3866	0.3866
[illegible]	[illegible]	0.9956	[illegible]	0.9956	0.3866	0.3866
40.70	1.2586	0.9966	1.2586	0.9966	0.3866	0.3866
45.69	1.2601	0.9995	1.2601	0.9995	0.3866	0.3866
50.[illegible]	1.2610	1.0000	1.2610	1.0000	0.3866	0.3866
55.69	1.2610	1.0000	1.2610	1.0000	0.3866	0.3866
102.11	[illegible]	1.0006	[illegible]	1.0006	0.3866	0.3866
112.1[illegible]	1.2610	1.0000	1.2610	1.0000	0.3866	0.3866
122.11	1.2634	1.0014	1.2634	1.0014	0.3866	0.3866
132.17	1.2628	1.0006	1.2628	1.0006	0.3866	0.3866
142.12	1.2599	0.9993	1.2599	0.9993	0.3866	0.3866
152.1[illegible]	1.2601	0.9995	1.2601	0.9995	0.3866	0.3866
157.11	1.2600	0.9994	1.2600	0.9994	0.3866	0.3866

M (NOMINAL)= 1.3

X=-187 MM　　T0=292.1 K　　DEL.995= 40.[illegible] MM
RE/M= 3.67*10^6 (MEASURED P)　　ME=1.268 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3776	0.3776
0.69	0.6372	0.5556	0.6372	0.5556	0.3776	0.3776
0.89	0.6689	0.5746	0.6689	0.5746	0.3776	0.3776
1.12	0.6814	0.5910	0.6814	0.5910	0.3776	0.3776
1.29	0.6979	0.6040	0.6979	0.6040	0.3776	0.3776
1.49	0.7131	0.6160	0.7131	0.6160	0.3776	0.3776
1.71	0.7247	0.6250	0.7247	0.6250	0.3776	0.3776
2.19	0.7542	0.6479	0.7542	0.6479	0.3776	0.3776
2.69	0.7759	0.6646	0.7759	0.6646	0.3776	0.3776
3.20	0.7941	0.6785	0.7941	0.6785	0.3776	0.3776
3.71	0.8116	0.6917	0.8116	0.6917	0.3776	0.3776
4.70	0.8404	0.7132	0.8404	0.7132	0.3776	0.3776
6.70	0.8815	0.7435	0.8815	0.7435	0.3776	0.3776
8.71	0.9220	0.7728	0.9220	0.7728	0.3776	0.3776
10.69	0.9530	0.7940	0.9530	0.7940	0.3776	0.3776
12.74	0.9860	0.8179	0.9860	0.8179	0.3776	0.3776
14.69	1.0107	0.8350	1.0107	0.8350	0.3776	0.3776
16.70	1.0417	0.8561	1.0417	0.8561	0.3776	0.3776
18.70	1.0679	0.8737	1.0679	0.8737	0.3776	0.3776
20.70	1.0938	0.8908	1.0938	0.8908	0.3776	0.3776
23.22	1.1266	0.9122	1.1266	0.9122	0.3776	0.3776
25.71	1.1578	0.9321	1.1578	0.9321	0.3776	0.3776
28.21	1.1838	0.9485	1.1838	0.9485	0.3776	0.3776
30.71	1.2095	0.9645	1.2095	0.9645	0.3776	0.3776
33.19	1.2310	0.9777	1.2310	0.9777	0.3776	0.3776
35.71	1.2456	0.9865	1.2456	0.9865	0.3776	0.3776
38.20	1.2575	0.9937	1.2575	0.9937	0.3776	0.3776
40.70	1.2631	0.9970	1.2631	0.9970	0.3776	0.3776
45.70	1.2680	1.0000	1.2680	1.0000	0.3776	0.3776
50.73	1.2680	1.0000	1.2680	1.0000	0.3776	0.3776
55.71	1.2677	0.9998	1.2677	0.9998	0.3776	0.3776
102.11	1.2675	0.9997	1.2675	0.9997	0.3776	0.3776
112.11	1.2675	0.9997	1.2675	0.9997	0.3776	0.3776
122.12	1.2655	0.9985	1.2655	0.9985	0.3776	0.3776
132.13	1.2667	0.9992	1.2667	0.9992	0.3776	0.3776
142.12	1.2656	0.9986	1.2656	0.9986	0.3776	0.3776
152.15	1.2665	0.9991	1.2665	0.9991	0.3776	0.3776
157.13	1.2665	0.9991	1.2665	0.9991	0.3776	0.3776

M (NOMINAL)= 1.3

X=-162 MM　　T0=291.8 K　　DEL.995= 41.4 MM
RE/M= 3.66*10^6 (MEASURED P)　　ME=1.270 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3775	0.3775
0.69	0.6330	0.5515	0.6330	0.5515	0.3775	0.3775
0.89	0.6566	0.5705	0.6566	0.5705	0.3775	0.3775
1.09	0.6790	0.5890	0.6790	0.5890	0.3775	0.3775
1.30	0.6985	0.6037	0.6985	0.6037	0.3775	0.3775
1.49	0.7112	0.6137	0.7112	0.6137	0.3775	0.3775
1.70	0.7277	0.6266	0.7277	0.6266	0.3775	0.3775
2.22	0.7546	0.6475	0.7546	0.6475	0.3775	0.3775
2.69	0.7785	0.6658	0.7785	0.6656	0.3775	0.3775
3.19	0.7957	0.6788	0.7957	0.6788	0.3775	0.3775
3.69	0.8085	0.6885	0.8085	0.6885	0.3775	0.3775
4.70	0.8409	0.7127	0.8409	0.7127	0.3775	0.3775
6.70	0.8827	0.7435	0.8827	0.7435	0.3775	0.3775
8.69	0.9172	0.7684	0.9172	0.7684	0.3775	0.3775
10.69	0.9498	0.7916	0.9498	0.7916	0.3775	0.3775
12.70	0.9850	0.8163	0.9850	0.8163	0.3775	0.3775
14.73	1.0113	0.8344	1.0113	0.8344	0.3775	0.3775
16.73	1.0391	0.8533	1.0391	0.8533	0.3775	0.3775
18.71	1.0663	0.8715	1.0663	0.8715	0.3775	0.3775
20.69	1.0952	0.8907	1.0952	0.8907	0.3775	0.3775
23.20	1.1256	0.9104	1.1256	0.9104	0.3775	0.3775
25.70	1.1540	0.9286	1.1540	0.9286	0.3775	0.3775
28.20	1.1836	0.9473	1.1836	0.9473	0.3775	0.3775
30.70	1.2066	0.9616	1.2066	0.9616	0.3775	0.3775
33.19	1.2296	0.9757	1.2296	0.9757	0.3775	0.3775
35.73	1.2451	0.9851	1.2451	0.9851	0.3775	0.3775
38.20	1.2573	0.9924	1.2573	0.9924	0.3775	0.3775
40.70	1.2635	0.9961	1.2635	0.9961	0.3775	0.3775
45.71	1.2687	0.9992	1.2687	0.9992	0.3775	0.3775
50.71	1.2700	1.0000	1.2700	1.0000	0.3775	0.3775
55.70	1.2685	0.9991	1.2685	0.9991	0.3775	0.3775
102.11	1.2661	0.9977	1.2661	0.9977	0.3775	0.3775
112.11	1.2672	0.9983	1.2672	0.9983	0.3775	0.3775
122.11	1.2681	0.9989	1.2681	0.9989	0.3775	0.3775
132.12	1.2672	0.9983	1.2672	0.9983	0.3775	0.3775
142.12	1.2676	0.9986	1.2676	0.9986	0.3775	0.3775
152.13	1.2687	0.9992	1.2687	0.9992	0.3775	0.3775
157.12	1.2673	0.9984	1.2673	0.9984	0.3775	0.3775

M (NOMINAL)= 1.3

X=-138 MM　　T0=291.9 K　　DEL.995= 40.1 MM
RE/M= 3.67*10^6 (MEASURED P)　　ME=1.265 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3790	0.3819
0.69	0.6285	0.5495	0.6285	0.5495	0.3790	0.3818
0.90	0.6516	0.5682	0.6516	0.5682	0.3790	0.3818
1.09	0.6679	0.5813	0.6679	0.5813	0.3790	0.3818
1.29	0.6879	0.5972	0.6879	0.5972	0.3790	0.3818
1.50	0.7016	0.6080	0.7016	0.6080	0.3790	0.3817
1.70	0.7142	0.6179	0.7142	0.6179	0.3790	0.3817
2.21	0.7424	0.6399	0.7424	0.6399	0.3790	0.3817
2.70	0.7662	0.6583	0.7662	0.6583	0.3790	0.3816
3.22	0.7883	0.6753	0.7883	0.6753	0.3790	0.3815
3.72	0.8073	0.6897	0.8073	0.6897	0.3790	0.3814
4.69	0.8336	0.7094	0.8336	0.7094	0.3790	0.3813
6.69	0.8764	0.7411	0.8764	0.7411	0.3790	0.3809
8.70	0.9126	0.7674	0.9126	0.7674	0.3790	0.3805
10.70	0.9439	0.7898	0.9439	0.7898	0.3790	0.3803
12.69	0.9737	0.8108	0.9737	0.8108	0.3790	0.3801
14.69	1.0067	0.8337	1.0067	0.8337	0.3790	0.3799
16.70	1.0320	0.8510	1.0320	0.8510	0.3790	0.3796
18.71	1.0598	0.8698	1.0598	0.8698	0.3790	0.3793
20.69	1.0846	0.8863	1.0846	0.8863	0.3790	0.3790
23.20	1.1166	0.9073	1.1166	0.9073	0.3790	0.3787
25.71	1.1486	0.9280	1.1486	0.9280	0.3790	0.3785
28.20	1.1748	0.9446	1.1748	0.9446	0.3790	0.3783
30.71	1.2018	0.9614	1.2018	0.9614	0.3790	0.3782
33.23	1.2241	0.9752	1.2241	0.9752	0.3790	0.3781
35.70	1.2420	0.9861	1.2420	0.9861	0.3790	0.3780
38.20	1.2555	0.9943	1.2555	0.9943	0.3790	0.3780
40.73	1.2618	0.9981	1.2618	0.9981	0.3790	0.3780
45.71	1.2650	1.0000	1.2650	1.0000	0.3790	0.3762
50.69	1.2684	1.0020	1.2684	1.0020	0.3790	0.3790
55.70	1.2663	1.0006	1.2663	1.0006	0.3790	0.3790
102.11	1.2645	0.9997	1.2645	0.9997	0.3790	0.3790
112.12	1.2645	0.9997	1.2645	0.9997	0.3790	0.3790
122.11	1.2625	0.9985	1.2625	0.9985	0.3790	0.3790
132.13	1.2656	1.0004	1.2656	1.0004	0.3790	0.3790
142.15	1.2659	1.0005	1.2664	1.0008	0.3788	0.3788
152.11	1.2659	1.0005	1.2686	1.0021	0.3778	0.3778
157.12	1.2639	0.9993	1.2677	1.0016	0.3775	0.3775

M (NOMINAL)= 1.3

X=-115 MM　　T0=295.[illegible] K　　DEL.995= 41.[illegible] MM
RE/M= 3.61*10^6 (MEASURED P)　　ME=1.266 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3827	0.3972
0.69	0.6158	0.5415	0.6158	0.5415	0.3827	0.3967
0.90	0.6350	0.5572	0.6350	0.5572	0.3827	0.3966
1.09	0.6534	0.5720	0.6534	0.5720	0.3827	0.3964
1.29	0.6684	0.5841	0.6684	0.5841	0.3827	0.3963
1.49	0.6836	0.5962	0.6836	0.5962	0.3827	0.3961
1.71	0.6984	0.6081	0.6984	0.6081	0.3827	0.3960
2.19	0.7294	0.6325	0.7294	0.6325	0.3827	0.3956
2.71	0.7498	0.6484	0.7498	0.6484	0.3827	0.3953
3.24	0.7715	0.6652	0.7715	0.6652	0.3827	0.3949
3.72	0.7878	0.6777	0.7878	0.6777	0.3827	0.3945
4.70	0.8156	0.6988	0.8156	0.6988	0.3827	0.3938
6.70	0.8620	0.7336	0.8628	0.7387	0.3824	0.3924
8.69	0.8971	0.7594	0.8989	0.7571	0.3820	0.3911
10.69	0.9304	0.7835	0.9329	0.7816	0.3816	0.3899
12.70	0.9615	0.8056	0.9644	0.8039	0.3814	0.3887
14.70	0.9878	0.8241	0.9911	0.8225	0.3812	0.3876
16.69	1.0162	0.8438	1.0199	0.8424	0.3810	0.3865
18.72	1.0473	0.8650	1.0514	0.8637	0.3808	0.3855
20.69	1.0674	0.8786	1.0719	0.8775	0.3806	0.3845
23.19	1.1026	0.9020	1.1077	0.9010	0.3804	0.3837
25.72	1.1329	0.9218	1.1385	0.9210	0.3801	0.3831
28.20	1.1615	0.9401	1.1676	0.9396	0.3799	0.3825
30.71	1.1865	0.9560	1.1931	0.9555	0.3797	0.3821
33.22	1.2101	0.9707	1.2166	0.9701	0.3797	0.3817
35.69	1.2292	0.9825	1.2357	0.9818	0.3797	0.3813
38.24	1.2432	0.9910	1.2497	0.9903	0.3797	0.3809
40.71	1.2515	0.9960	1.2582	0.9954	0.3796	0.3804
45.70	1.2580	1.0000	1.2656	1.0000	0.3791	0.3799
50.70	1.2580	1.0000	1.2670	1.0007	0.3786	0.3786
55.70	1.2577	0.9998	1.2676	1.0012	0.3781	0.3781
102.11	1.2532	0.9971	1.2669	1.0006	0.3765	0.3765
112.11	1.2542	0.9977	1.2702	1.0026	0.3755	0.3755
122.11	1.2449	0.9921	1.2626	0.9980	0.3747	0.3747
132.1[illegible]	1.2540	0.9976	1.2721	1.0038	0.3745	0.3745
142.1[illegible]	1.2544	0.9976	1.2741	1.0050	0.3737	0.3737
152.12	1.2540	0.9976	1.2744	1.0051	0.3735	0.3735
157.12	1.2540	0.9976	1.2755	1.0058	0.3730	0.3730

Table 2 (continued)

M (NOMINAL)= 1.3

X=-89 MM T0=295.7 K DEL 995= 42.8 MM
RE/M= 3.61*10^6 (MEASURED P) ME=1.249 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4042	0.4237
0.69	0.5498	0.5001	0.5498	0.5001	0.4042	0.4235
0.91	0.5728	0.5197	0.5728	0.5197	0.4042	0.4234
1.09	0.5849	0.5300	0.5849	0.5300	0.4042	0.4233
1.29	0.6030	0.5453	0.6030	0.5453	0.4042	0.4232
1.50	0.6176	0.5576	0.6176	0.5576	0.4042	0.4232
1.71	0.6298	0.5679	0.6298	0.5679	0.4042	0.4231
2.20	0.6556	0.5893	0.6556	0.5893	0.4042	0.4229
2.55	0.6749	0.6052	0.6749	0.6052	0.4042	0.4227
2.71	0.6809	0.6101	0.6809	0.6101	0.4042	0.4226
3.19	0.7028	0.6280	0.7028	0.6280	0.4042	0.4224
3.70	0.7222	0.6437	0.7222	0.6437	0.4042	0.4222
4.71	0.7526	0.6681	0.7526	0.6681	0.4042	0.4218
6.73	0.8026	0.7076	0.8035	0.6935	0.4039	0.4209
8.73	0.8393	0.7360	0.8411	0.7220	0.4034	0.4200
10.69	0.8707	0.7600	0.8733	0.7460	0.4031	0.4190
12.78	0.9027	0.7841	0.9063	0.7703	0.4026	0.4176
14.70	0.9314	0.8054	0.9357	0.7916	0.4023	0.4164
16.70	0.9634	0.8287	0.9685	0.8150	0.4019	0.4151
18.69	0.9903	0.8482	0.9962	0.8345	0.4015	0.4138
20.69	1.0170	0.8671	1.0241	0.8539	0.4008	0.4125
23.30	1.0504	0.8905	1.0607	0.8789	0.3992	0.4108
25.70	1.0812	0.9118	1.0945	0.9016	0.3978	0.4090
28.21	1.1091	0.9307	1.1254	0.9219	0.3963	0.4069
30.70	1.1343	0.9476	1.1538	0.9403	0.3948	0.4049
33.21	1.1603	0.9647	1.1829	0.9590	0.3933	0.4025
35.69	1.1793	0.9771	1.2051	0.9729	0.3918	0.4006
38.20	1.1941	0.9866	1.2232	0.9841	0.3903	0.3974
40.70	1.2053	0.9938	1.2370	0.9927	0.3891	0.3954
45.78	1.2150	1.0000	1.2489	1.0000	0.3880	0.3911
50.69	1.2150	1.0000	1.2511	1.0013	0.3871	0.3871
55.95	1.2148	0.9998	1.2531	1.0025	0.3860	0.3860
102.11	1.2075	0.9952	1.2540	1.0031	0.3822	0.3822
112.11	1.2090	0.9962	1.2561	1.0043	0.3820	0.3820
122.11	1.2084	0.9958	1.2572	1.0050	0.3812	0.3812
132.12	1.2066	0.9947	1.2558	1.0042	0.3810	0.3810
142.12	1.2086	0.9959	1.2600	1.0067	0.3800	0.3800
152.11	1.2089	0.9961	1.2621	1.0080	0.3792	0.3792
157.37	1.2087	0.9960	1.2619	1.0078	0.3792	0.3792

M (NOMINAL)= 1.3

X=-66 MM T0=295.5 K DEL 995= 44.8 MM
RE/M= 3.60*10^6 (MEASURED P) ME=1.184 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4233	0.4403
0.69	0.4960	0.4647	0.4960	0.4647	0.4233	0.4400
0.90	0.5162	0.4826	0.5162	0.4826	0.4233	0.4400
1.09	0.5285	0.4935	0.5285	0.4935	0.4233	0.4399
1.29	0.5385	0.5023	0.5385	0.5023	0.4233	0.4398
1.49	0.5534	0.5154	0.5534	0.5154	0.4233	0.4397
1.70	0.5670	0.5273	0.5670	0.5273	0.4233	0.4397
2.20	0.5866	0.5445	0.5866	0.5445	0.4233	0.4395
2.69	0.6107	0.5652	0.6107	0.5652	0.4233	0.4393
3.19	0.6366	0.5875	0.6366	0.5875	0.4233	0.4391
3.69	0.6531	0.6015	0.6531	0.6015	0.4233	0.4389
4.77	0.6929	0.6350	0.6929	0.6350	0.4233	0.4385
6.70	0.7367	0.6714	0.7367	0.6714	0.4233	0.4378
8.75	0.7783	0.7053	0.7783	0.7053	0.4233	0.4370
10.80	0.8167	0.7361	0.8167	0.7361	0.4233	0.4361
12.69	0.8469	0.7599	0.8469	0.7599	0.4233	0.4353
14.70	0.8768	0.7832	0.8768	0.7832	0.4233	0.4345
16.69	0.9052	0.8050	0.9052	0.8050	0.4233	0.4336
18.70	0.9280	0.8224	0.9280	0.8224	0.4233	0.4327
20.71	0.9598	0.8463	0.9598	0.8463	0.4233	0.4318
23.24	0.9956	0.8727	0.9956	0.8727	0.4233	0.4307
25.69	1.0279	0.8961	1.0279	0.8961	0.4233	0.4296
28.31	1.0567	0.9167	1.0567	0.9167	0.4233	0.4283
30.73	1.0789	0.9324	1.0789	0.9324	0.4233	0.4272
33.20	1.1111	0.9547	1.1111	0.9547	0.4233	0.4260
35.69	1.1354	0.9713	1.1354	0.9713	0.4233	0.4250
38.27	1.1529	0.9832	1.1529	0.9832	0.4233	0.4239
40.70	1.1655	0.9917	1.1662	0.9904	0.4230	0.4228
45.77	1.1780	1.0000	1.1837	1.0000	0.4204	0.4201
50.70	1.1780	1.0000	1.1915	1.0051	0.4180	0.4180
55.70	1.1780	1.0000	1.1964	1.0084	0.4155	0.4155
60.72	1.1801	1.0014	1.2009	1.0113	0.4128	0.4128
70.70	1.1789	1.0006	1.2134	1.0195	0.4068	0.4068
80.70	1.1789	1.0006	1.2219	1.0250	0.4019	0.4019
90.71	1.1798	1.0012	1.2348	1.0333	0.3961	0.3961
102.11	1.1738	0.9972	1.2365	1.0343	0.3925	0.3925
106.19	1.1738	0.9972	1.2399	1.0366	0.3908	0.3908
108.12	1.1726	0.9964	1.2404	1.0369	0.3901	0.3901
112.22	1.1729	0.9966	1.2433	1.0387	0.3889	0.3889
114.11	1.1726	0.9964	1.2438	1.0390	0.3885	0.3885
116.12	1.1718	0.9958	1.2438	1.0390	0.3881	0.3881
118.11	1.1714	0.9956	1.2443	1.0393	0.3877	0.3877
122.13	1.1713	0.9955	1.2459	1.0404	0.3869	0.3869
132.15	1.1715	0.9957	1.2500	1.0430	0.3851	0.3851
142.12	1.1726	0.9964	1.2533	1.0450	0.3841	0.3841
152.12	1.1714	0.9956	1.2538	1.0454	0.3833	0.3833
162.14	1.1714	0.9956	1.2538	1.0454	0.3833	0.3833
172.12	1.1705	0.9950	1.2528	1.0448	0.3833	0.3833
182.12	1.1714	0.9956	1.2538	1.0454	0.3833	0.3833
192.13	1.1716	0.9958	1.2540	1.0455	0.3833	0.3833

M (NOMINAL)= 1.3

X=-41 MM T0=295.3 K DEL 995= 45.3 MM
RE/M= 3.60*10^6 (MEASURED P) ME=1.151 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4455	0.4644
0.69	0.4444	0.4289	0.4444	0.4289	0.4455	0.4641
0.89	0.4543	0.4381	0.4543	0.4381	0.4455	0.4640
1.11	0.4640	0.4471	0.4640	0.4471	0.4455	0.4639
1.30	0.4763	0.4583	0.4763	0.4583	0.4455	0.4639
1.49	0.4844	0.4658	0.4844	0.4658	0.4455	0.4638
1.70	0.4938	0.4745	0.4938	0.4745	0.4455	0.4637
2.19	0.5138	0.4927	0.5138	0.4927	0.4455	0.4635
2.69	0.5299	0.5073	0.5299	0.5073	0.4455	0.4633
3.19	0.5448	0.5208	0.5448	0.5208	0.4455	0.4631
3.81	0.5738	0.5462	0.5738	0.5462	0.4455	0.4629
4.74	0.5965	0.5671	0.5965	0.5671	0.4455	0.4625
6.70	0.6561	0.6194	0.6561	0.6194	0.4455	0.4617
8.70	0.7045	0.6611	0.7045	0.6611	0.4455	0.4609
10.75	0.7470	0.6971	0.7470	0.6971	0.4455	0.4600
12.75	0.7701	0.7164	0.7701	0.7164	0.4455	0.4590
14.69	0.8102	0.7495	0.8102	0.7495	0.4455	0.4581
16.70	0.8376	0.7718	0.8376	0.7718	0.4455	0.4572
18.71	0.8681	0.7962	0.8681	0.7962	0.4455	0.4562
20.78	0.8961	0.8185	0.8961	0.8185	0.4455	0.4552
23.19	0.9332	0.8474	0.9332	0.8474	0.4455	0.4540
25.70	0.9581	0.8665	0.9581	0.8665	0.4455	0.4527
28.22	0.9975	0.8963	0.9975	0.8963	0.4455	0.4514
30.71	1.0302	0.9206	1.0302	0.9206	0.4455	0.4502
33.20	1.0512	0.9360	1.0512	0.9360	0.4455	0.4488
35.72	1.0832	0.9591	1.0832	0.9591	0.4455	0.4475
38.19	1.1028	0.9731	1.1028	0.9731	0.4455	0.4461
40.69	1.1183	0.9841	1.1189	0.9777	0.4452	0.4449
45.69	1.1371	0.9973	1.1424	0.9940	0.4427	0.4424
50.93	1.1410	1.0000	1.1512	1.0000	0.4400	0.4399
55.70	1.1410	1.0000	1.1557	1.0031	0.4377	0.4377
60.69	1.1410	1.0000	1.1606	1.0065	0.4350	0.4350
70.70	1.1410	1.0000	1.1740	1.0156	0.4280	0.4280
80.70	1.1386	0.9983	1.1853	1.0232	0.4210	0.4210
90.73	1.1372	0.9974	1.1974	1.0313	0.4142	0.4142
102.11	1.1377	0.9977	1.2074	1.0380	0.4094	0.4094
112.17	1.1377	0.9977	1.2168	1.0442	0.4048	0.4048
114.17	1.1386	0.9983	1.2189	1.0457	0.4042	0.4042
116.11	1.1352	0.9959	1.2167	1.0442	0.4037	0.4037
118.12	1.1351	0.9959	1.2178	1.0449	0.4031	0.4031
120.13	1.1342	0.9952	1.2181	1.0451	0.4025	0.4025
122.20	1.1342	0.9952	1.2189	1.0457	0.4021	0.4021
127.12	1.1338	0.9950	1.2206	1.0468	0.4011	0.4011
132.13	1.1323	0.9939	1.2217	1.0475	0.3999	0.3999
137.14	1.1316	0.9935	1.2241	1.0491	0.3984	0.3984
142.11	1.1314	0.9933	1.2261	1.0504	0.3973	0.3973
152.15	1.1311	0.9931	1.2279	1.0516	0.3963	0.3963
162.11	1.1305	0.9927	1.2289	1.0522	0.3955	0.3955
172.12	1.1303	0.9925	1.2287	1.0521	0.3955	0.3955
182.12	1.1303	0.9925	1.2287	1.0521	0.3955	0.3955
192.15	1.1288	0.9915	1.2272	1.0511	0.3955	0.3955

M (NOMINAL)= 1.3

X=-15 MM T0=295.0 K DEL 995= 48.9 MM
RE/M= 3.58*10^6 (MEASURED P) ME=1.100 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4683	0.4961
0.69	0.3834	0.3828	0.3834	0.3828	0.4683	0.4959
0.89	0.3978	0.3968	0.3978	0.3968	0.4683	0.4958
1.09	0.4047	0.4035	0.4047	0.4035	0.4683	0.4957
1.29	0.4047	0.4035	0.4047	0.4035	0.4683	0.4956
1.50	0.4134	0.4118	0.4134	0.4118	0.4683	0.4956
1.69	0.4164	0.4147	0.4164	0.4147	0.4683	0.4955
2.19	0.4358	0.4334	0.4358	0.4334	0.4683	0.4953
2.71	0.4521	0.4490	0.4521	0.4490	0.4683	0.4951
3.21	0.4662	0.4624	0.4662	0.4624	0.4683	0.4950
3.72	0.4859	0.4810	0.4859	0.4810	0.4683	0.4948
4.69	0.5121	0.5057	0.5121	0.5057	0.4683	0.4945
6.69	0.5677	0.5575	0.5677	0.5575	0.4683	0.4937
8.78	0.6218	0.6070	0.6218	0.6070	0.4683	0.4930
10.70	0.6565	0.6382	0.6565	0.6382	0.4683	0.4923
12.69	0.6993	0.6762	0.6993	0.6762	0.4683	0.4916
14.69	0.7273	0.7007	0.7273	0.7007	0.4683	0.4909
16.70	0.7699	0.7375	0.7699	0.7375	0.4683	0.4902
18.72	0.7820	0.7479	0.7820	0.7479	0.4683	0.4894
20.69	0.8278	0.7865	0.8278	0.7865	0.4683	0.4885
23.19	0.8523	0.8069	0.8523	0.8069	0.4683	0.4873
25.70	0.9015	0.8471	0.9015	0.8471	0.4683	0.4861
28.20	0.9192	0.8613	0.9192	0.8613	0.4683	0.4849
30.75	0.9532	0.8883	0.9532	0.8883	0.4683	0.4836
33.22	0.9973	0.9227	0.9973	0.9227	0.4683	0.4824
35.78	1.0192	0.9396	1.0192	0.9396	0.4683	0.4811
38.22	1.0354	0.9519	1.0354	0.9519	0.4683	0.4798
40.71	1.0600	0.9704	1.0600	0.9704	0.4683	0.4784
45.77	1.0894	0.9922	1.0894	0.9922	0.4683	0.4756
50.[illegible]	1.0979	0.9985	1.0979	0.9985	0.4683	0.4725
55.72	1.0995	0.9996	1.0995	0.9996	0.4683	0.4688
60.72	1.1000	1.0000	1.1000	1.0000	0.4683	0.4683
70.72	1.1003	1.0002	1.1003	1.0002	0.4683	0.4683
102.11	1.1001	1.0001	1.1217	1.0158	0.4562	0.4562
112.12	1.0989	0.9992	1.1388	1.0281	0.4462	0.4462
122.11	1.0980	0.9985	1.1574	1.0414	0.4358	0.4358
132.17	1.0965	0.9974	1.1770	1.0552	0.4248	0.4248
142.13	1.0943	0.9958	1.1859	1.0615	0.4191	0.4191
152.15	1.0910	0.9934	1.1842	1.0602	0.4183	0.4183
162.14	1.0891	0.9920	1.1823	1.0589	0.4183	0.4183

M (NOMINAL) = 1.3

X= 6 MM　TW=294.0 K　DEL 99%= 50.9 MM

RE/M= 1.52*10^6 (MEASURED P)　RE θ=1 019 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PL/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4656	0.4663
0.69	0.3298	0.3300	0.3298	0.3300	0.4656	0.4669
0.90	0.3327	0.3409	0.3327	0.3409	0.4656	0.4671
1.10	0.3481	0.3563	0.3481	0.3563	0.4656	0.4672
1.29	0.3566	0.3599	0.3566	0.3599	0.4656	0.4674
1.49	0.3654	0.3736	0.3654	0.3736	0.4656	0.4675
1.70	0.3710	0.3792	0.3710	0.3792	0.4656	0.4677
2.19	0.3888	0.3969	0.3888	0.3969	0.4656	0.4681
2.70	0.3945	0.4025	0.3945	0.4025	0.4656	0.4685
3.19	0.4020	0.4099	0.4020	0.4099	0.4656	0.4689
3.69	0.4198	0.4274	0.4198	0.4274	0.4656	0.4694
4.69	0.4503	0.4573	0.4503	0.4573	0.4656	0.4702
6.72	0.4973	0.5030	0.4963	0.5227	0.4659	0.4719
8.73	0.5506	0.5530	0.5404	0.5746	0.4663	0.4735
10.69	0.5925	0.5933	0.5894	0.6149	0.4667	0.4751
12.70	0.6411	0.6305	0.6373	0.6612	0.4671	0.4768
14.69	0.6627	0.6503	0.6500	0.6810	0.4675	0.4785
16.74	0.7056	0.6971	0.7002	0.7208	0.4679	0.4802
18.74	0.7460	0.7332	0.7400	0.7579	0.4683	0.4818
20.69	0.7679	0.7525	0.7600	0.7770	0.4689	0.4834
23.20	0.8042	0.7840	0.7946	0.8078	0.4902	0.4855
25.71	0.8356	0.8144	0.8279	0.8376	0.4915	0.4876
28.20	0.8752	0.8444	0.8614	0.8672	0.4927	0.4896
30.71	0.9069	0.8707	0.8910	0.8930	0.4940	0.4917
33.22	0.9379	0.8961	0.9156	0.9175	0.4955	0.4938
35.70	0.9701	0.9220	0.9496	0.9429	0.4970	0.4958
38.22	0.9901	0.9380	0.9672	0.9577	0.4985	0.4979
40.75	1.0187	0.9605	0.9932	0.9792	0.5003	0.5000
45.69	1.0409	0.9839	1.0164	0.9902	0.5047	0.5041
50.90	1.0676	0.9982	1.0279	1.0075	0.5092	0.5084
55.71	1.0657	0.9997	1.0244	1.0047	0.5126	0.5124
60.71	1.0700	1.0000	1.0106	1.0000	0.5163	0.5163
70.71	1.0709	1.0006	1.0032	0.9875	0.5262	0.5262
80.74	1.0709	1.0006	0.9803	0.9752	0.5354	0.5354
90.96	1.0712	1.0009	0.9700	0.9607	0.5465	0.5465
102.11	1.0725	1.0019	0.9555	0.9479	0.5569	0.5569
112.11	1.0658	0.9998	0.9356	0.9311	0.5677	0.5677
122.11	1.0700	1.0000	0.9214	0.9190	0.5769	0.5769
132.13	1.0665	0.9989	0.9100	0.9097	0.5831	0.5831
142.17	1.0664	0.9972	0.8983	0.8992	0.5890	0.5890
152.12	1.0640	0.9954	0.8932	0.8949	0.5906	0.5906
162.13	1.0624	0.9942	0.8911	0.8930	0.5908	0.5908
172.13	1.0612	0.9933	0.8885	0.8908	0.5916	0.5916
182.16	1.0591	0.9917	0.8865	0.8890	0.5914	0.5914
192.11	1.0600	0.9924	0.8808	0.8910	0.5906	0.5906

M (NOMINAL) = 1.3

X= 34 MM　TW=294.6 K　DEL 99%= 5[illegible] MM

RE/M= 1.52*10^6 (MEASURED P)　RE θ= 995 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PL/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5078	0.4977
0.69	0.2509	0.2659	0.2509	0.2659	0.5078	0.4981
0.89	0.2605	0.2967	0.2605	0.2967	0.5078	0.4982
1.10	0.2796	0.2959	0.2796	0.2959	0.5078	0.4984
1.29	0.2805	0.2967	0.2805	0.2967	0.5078	0.4985
1.49	0.2848	0.3013	0.2848	0.3013	0.5078	0.4986
1.69	0.2840	0.3013	0.2849	0.3013	0.5078	0.4987
2.20	0.3070	0.3243	0.3070	0.3243	0.5078	0.4990
2.69	0.3330	0.3513	0.3330	0.3513	0.5078	0.4993
3.21	0.3220	0.3398	0.3220	0.3398	0.5078	0.4996
3.69	0.3451	0.3637	0.3451	0.3637	0.5078	0.4999
4.70	0.3747	0.3940	0.3747	0.3940	0.5078	0.5005
6.70	0.4302	0.4505	0.4279	0.4625	0.5085	0.5017
8.73	0.4696	0.4901	0.4649	0.5009	0.5093	0.5030
10.69	0.5186	0.5387	0.5116	0.5408	0.5102	0.5041
12.69	0.5622	0.5814	0.5525	0.5903	0.5114	0.5053
14.71	0.6006	0.6185	0.5894	0.6262	0.5126	0.5066
16.77	0.6307	0.6549	0.6242	0.6616	0.5139	0.5078
18.69	0.6715	0.6858	0.6549	0.6917	0.5150	0.5089
20.69	0.7004	0.7127	0.6822	0.7181	0.5160	0.5101
25.70	0.7820	0.7871	0.7624	0.7941	0.5175	0.5132
30.72	0.8547	0.8513	0.8334	0.8594	0.5191	0.5162
35.75	0.9119	0.9004	0.8881	0.9083	0.5211	0.5192
40.69	0.9652	0.9450	0.9308	0.9526	0.5231	0.5222
45.71	1.0071	0.9792	0.9772	0.9854	0.5257	0.5252
50.69	1.0258	0.9942	0.9920	0.9979	0.5282	0.5282
55.71	1.0330	1.0000	0.9945	1.0000	0.5312	0.5312
60.70	1.0330	1.0000	0.9898	0.9960	0.5342	0.5342
70.74	1.0344	1.0011	0.9830	0.9903	0.5393	0.5393
80.79	1.0341	1.0009	0.9714	0.9804	0.5464	0.5464
90.77	1.0333	1.0002	0.9596	0.9704	0.5532	0.5532
100.61	1.0330	1.0000	0.9513	0.9633	0.5582	0.5582
102.11	1.0333	1.0002	0.9502	0.9624	0.5591	0.5591
112.11	1.0342	1.0010	0.9411	0.9545	0.5655	0.5655
122.11	1.0342	1.0010	0.9291	0.9442	0.5731	0.5731
132.14	1.0321	0.9993	0.9183	0.9348	0.5784	0.5784
142.11	1.0318	0.9990	0.9136	0.9307	0.5812	0.5812
147.13	1.0297	0.9974	0.9098	0.9274	0.5822	0.5822
152.11	1.0284	0.9964	0.9059	0.9240	0.5838	0.5838
157.13	1.0269	0.9951	0.9003	0.9190	0.5864	0.5864
162.12	1.0254	0.9939	0.8963	0.9155	0.5878	0.5878
172.16	1.0244	0.9931	0.8953	0.9146	0.5878	0.5878
182.21	1.0223	0.9914	0.8926	0.9122	0.5880	0.5880
192.19	1.0210	0.9904	0.8896	0.9097	0.5890	0.5890
202.07	1.0207	0.9902	0.8867	0.9071	0.5906	0.5906

M (NOMINAL) = [illegible]

X= 57 MM　TW=294 [illegible] K　DEL 99%= [illegible] MM

RE/M= 5.1*10^6 (MEASURED P)　RE θ= [illegible] (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PL/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5166	0.5109
0.69	0.2552	0.2740	0.2552	0.2740	0.5166	0.5111
0.89	0.2594	0.2786	0.2594	0.2786	0.5168	0.5112
1.09	0.2742	0.2938	0.2742	0.2938	0.5168	[illegible]
1.30	0.2812	0.3011	0.2812	0.3011	0.5168	0.5113
1.50	0.2829	0.3029	0.2829	0.3029	0.5168	0.5114
1.69	0.2872	0.3074	0.2872	0.3074	0.5168	0.5115
2.19	0.2846	0.3050	0.2846	0.3050	0.5168	0.5117
2.70	0.3052	0.3264	0.3052	0.3264	0.5168	0.5119
3.20	0.3191	0.3410	0.3191	0.3418	0.5168	0.5121
3.70	0.3256	0.3479	0.3256	0.3479	0.5168	0.5127
4.77	0.3496	0.3728	0.3496	0.3728	0.5168	0.5128
6.69	0.3927	0.4175	0.3915	0.4272	0.5171	0.5136
8.69	0.4402	0.4662	0.4378	0.4759	0.5175	0.5144
10.77	0.4796	0.5061	0.4761	0.5158	0.5179	0.5152
12.72	0.5262	0.5528	0.5219	0.5630	0.5183	0.5160
14.70	0.5583	0.5846	0.5532	0.5948	0.5187	0.5169
16.69	0.5970	0.6225	0.5911	0.6331	0.5191	0.5177
18.79	0.6327	0.6571	0.6262	0.6679	0.5196	0.5185
20.69	0.6682	0.6918	0.6610	0.7021	0.5200	0.5193
25.69	0.7486	0.7662	0.7390	0.7772	0.5215	0.5214
30.77	0.8189	0.8299	0.8068	0.8407	0.5231	0.5235
35.72	0.8843	0.8876	0.8694	0.8976	0.5251	0.5255
40.77	0.9386	0.9341	0.9209	0.9433	0.5270	0.5276
45.75	0.9634	0.9716	0.9632	0.9804	0.5285	0.5296
50.72	1.0079	0.9917	0.9857	0.9991	0.5302	0.5317
55.70	1.0165	0.9988	0.9896	1.0024	0.5332	0.5337
60.71	1.0180	1.0000	0.9867	1.0000	0.5359	0.5358
70.73	1.0192	1.0010	0.9844	0.9980	0.5382	0.5382
80.73	1.0195	1.0012	0.9768	0.9916	0.5431	0.5431
90.70	1.0192	1.0010	0.9701	0.9858	0.5471	0.5471
100.68	1.0189	1.0007	0.9633	0.9800	0.5511	0.5511
102.11	1.0193	1.0011	0.9626	0.9794	0.5519	0.5519
112.15	1.0180	1.0000	0.9536	0.9716	0.5567	0.5567
122.11	1.0183	1.0002	0.9466	0.9656	0.5613	0.5613
132.14	1.0177	0.9997	0.9362	0.9566	0.5674	0.5674
142.19	1.0159	0.9983	0.9298	0.9510	0.5702	0.5702
152.14	1.0134	0.9963	0.9234	0.9454	0.5727	0.5727
162.13	1.0103	0.9937	0.9147	0.9378	0.5768	0.5768
172.15	1.0092	0.9929	0.9120	0.9354	0.5770	0.5770
182.15	1.0080	0.9919	0.9091	0.9329	0.5780	0.5786
192.12	1.0068	0.9909	0.9066	0.9306	0.5788	0.5786
202.10	1.0065	0.9906	0.9052	0.9294	0.5795	0.5795

M (NOMINAL) = [illegible]

X= [illegible] MM　TW=294 [illegible] K　DEL 99%= 5[illegible] 8 MM

RE/M= [illegible] (MEASURED P)　RE θ= [illegible] (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PL/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5312	0.525[illegible]
[illegible]	[illegible]	[illegible]	0.2581	0.2823	0.5312	0.5254
0.89	0.2611	[illegible]	0.2611	0.2871	0.5312	0.5254
1.09	0.2760	0.3016	0.2760	0.3016	0.5312	0.5255
[illegible]	[illegible]	[illegible]	0.2807	0.3066	0.5312	0.5255
1.49	[illegible]	0.3206	0.2937	0.3206	0.5312	0.5256
1.69	0.2857	0.3120	0.2857	0.3120	0.5312	0.5256
2.25	0.3047	0.3323	0.3047	0.3323	0.5312	0.5257
2.70	0.3088	0.3368	0.3088	0.3368	0.5312	0.5258
[illegible]	0.3167	0.3452	0.3167	0.3452	0.5312	0.5260
3.69	0.3287	0.3580	0.3287	0.3580	0.5312	0.5261
4.69	0.3366	0.3664	0.3366	0.3664	0.5312	0.5263
6.72	0.3741	0.4063	0.3741	0.4063	0.5312	0.5268
8.71	0.4039	0.4376	0.4039	0.4376	0.5312	0.5272
10.69	0.4405	0.4759	0.4405	0.4759	0.5312	0.5277
12.69	0.4760	0.5126	0.4760	0.5126	0.5312	0.5282
14.74	0.5158	0.5533	0.5158	0.5533	0.5312	0.5286
16.70	0.5515	0.5895	0.5515	0.5895	0.5312	0.5291
18.69	0.5825	0.6206	0.5825	0.6206	0.5312	0.5296
20.69	0.6289	0.6586	0.6285	0.6657	0.5313	0.5300
25.75	0.6989	0.7344	0.6964	0.7403	0.5323	0.5312
30.71	0.7729	0.8043	0.7688	0.8094	0.5333	0.5323
35.73	0.8393	0.8651	0.8336	0.8696	0.5343	0.5335
40.69	0.8998	0.9190	0.8927	0.9230	0.5353	0.5347
45.72	0.9485	0.9613	0.9488	0.9655	0.5358	0.5358
50.74	0.9788	0.9872	0.9703	0.9989	0.5364	0.5370
55.88	0.9924	0.9987	0.9815	1.0005	0.5380	0.5382
60.71	0.9940	1.0000	0.9808	1.0000	0.5393	0.5393
71.01	0.9971	1.0026	0.9806	0.9998	0.5414	0.5414
80.78	0.9962	1.0018	0.9765	0.9963	0.5434	0.5434
90.73	0.9962	1.0018	0.9718	0.9923	0.5463	0.5463
100.63	0.9962	1.0018	0.9686	0.9695	0.5484	0.5484
102.11	0.9951	1.0009	0.9667	0.9879	0.5488	0.5488
112.11	0.9960	1.0017	0.9632	0.9848	0.5516	0.5516
122.11	0.9950	1.0008	0.9583	0.9806	0.5540	0.5540
142.11	0.9934	0.9995	0.9450	0.9691	0.5614	0.5614
147.14	0.9925	0.9987	0.9432	0.9676	0.5619	0.5619
152.16	0.9883	0.9952	0.9378	0.9628	0.5626	0.5626
162.13	0.9877	0.9947	0.9340	0.9595	0.5646	0.5646
172.43	0.9870	0.9941	0.9304	0.9563	0.5664	0.5664
182.20	0.9852	0.9925	0.9265	0.9529	0.5676	0.5676
192.15	0.9840	0.9915	0.9224	0.9493	0.5694	0.5694
202.05	0.9826	0.9905	0.9274	0.9537	0.5655	0.5655

M (NOMINAL)= 1.3

X= 204 MM T0=294.0 K DEL.995= 56.0 MM
RE/M= 3.49*10^6 (MEASURED P) ME=0.974 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5436	0.5436
0.63	0.3097	0.3436	0.3097	0.3436	0.5436	0.5436
0.90	0.3167	0.3512	0.3167	0.3512	0.5436	0.5436
1.09	0.3228	0.3578	0.3228	0.3578	0.5436	0.5436
1.30	0.3297	0.3657	0.3297	0.3657	0.5436	0.5436
1.50	0.3374	0.3736	0.3374	0.3736	0.5436	0.5436
1.70	0.3396	0.3760	0.3396	0.3760	0.5436	0.5436
2.43	0.3507	0.3880	0.3507	0.3880	0.5436	0.5436
2.70	0.3593	0.3973	0.3593	0.3973	0.5436	0.5436
3.19	0.3630	0.4013	0.3630	0.4013	0.5436	0.5436
3.87	0.3722	0.4111	0.3722	0.4111	0.5436	0.5436
4.74	0.3780	0.4174	0.3780	0.4174	0.5436	0.5436
6.69	0.3996	0.4406	0.3996	0.4406	0.5436	0.5436
8.69	0.4287	0.4714	0.4287	0.4714	0.5436	0.5436
10.78	0.4459	0.4897	0.4459	0.4897	0.5436	0.5436
12.78	0.4794	0.5249	0.4794	0.5249	0.5436	0.5436
14.77	0.5102	0.5570	0.5102	0.5570	0.5436	0.5436
16.70	0.5350	0.5827	0.5350	0.5827	0.5436	0.5436
18.74	0.5635	0.6119	0.5635	0.6119	0.5436	0.5436
20.75	0.5989	0.6479	0.5989	0.6479	0.5436	0.5436
25.63	0.6711	0.7198	0.6711	0.7198	0.5436	0.5436
30.69	0.7439	0.7985	0.7439	0.7985	0.5436	0.5436
35.71	0.8078	0.8500	0.8078	0.8500	0.5436	0.5436
40.71	0.8715	0.9094	0.8715	0.9094	0.5436	0.5436
45.70	0.9210	0.9537	0.9210	0.9537	0.5436	0.5436
50.71	0.9532	0.9819	0.9532	0.9819	0.5436	0.5436
55.77	0.9702	0.9967	0.9702	0.9967	0.5436	0.5436
60.75	0.9740	1.0000	0.9740	1.0000	0.5436	0.5436
70.70	0.9765	1.0022	0.9765	1.0022	0.5436	0.5436
80.75	0.9761	1.0018	0.9761	1.0018	0.5436	0.5436
90.70	0.9749	1.0008	0.9749	1.0008	0.5436	0.5436
100.64	0.9749	1.0008	0.9749	1.0008	0.5436	0.5436
102.11	0.9765	1.0022	0.9765	1.0022	0.5436	0.5436
112.20	0.9749	1.0008	0.9749	1.0008	0.5436	0.5436
122.17	0.9762	1.0019	0.9759	1.0016	0.5438	0.5438
132.11	0.9751	1.0011	0.9733	0.9994	0.5446	0.5446
142.12	0.9740	1.0000	0.9698	0.9963	0.5462	0.5462
147.12	0.9727	0.9989	0.9661	0.9932	0.5477	0.5477
152.13	0.9702	0.9967	0.9618	0.9894	0.5486	0.5486
162.15	0.9674	0.9943	0.9567	0.9850	0.5502	0.5502
172.12	0.9663	0.9933	0.9515	0.9805	0.5528	0.5528
182.17	0.9647	0.9920	0.9479	0.9774	0.5540	0.5540
192.12	0.9635	0.9909	0.9436	0.9737	0.5558	0.5558
202.06	0.9621	0.9897	0.9414	0.9717	0.5564	0.5564

M (NOMINAL)= 1.3

X= 382 MM T0=293.8 K DEL.995= 57.4 MM
RE/M= 3.50*10^6 (MEASURED P) ME=0.963 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5516	0.5516
0.69	0.3277	0.3666	0.3277	0.3666	0.5516	0.5516
0.91	0.3456	0.3862	0.3456	0.3862	0.5516	0.5516
1.09	0.3514	0.3925	0.3514	0.3925	0.5516	0.5516
1.30	0.3481	0.3889	0.3481	0.3889	0.5516	0.5516
1.50	0.3566	0.3981	0.3566	0.3981	0.5516	0.5516
1.70	0.3677	0.4102	0.3677	0.4102	0.5516	0.5516
2.30	0.3778	0.4212	0.3778	0.4212	0.5516	0.5516
2.70	0.3869	0.4311	0.3869	0.4311	0.5516	0.5516
3.22	0.3918	0.4364	0.3918	0.4364	0.5516	0.5516
3.72	0.4052	0.4508	0.4052	0.4508	0.5516	0.5516
4.69	0.4085	0.4543	0.4085	0.4543	0.5516	0.5516
6.70	0.4313	0.4788	0.4313	0.4788	0.5516	0.5516
8.69	0.4487	0.4974	0.4487	0.4974	0.5516	0.5516
10.69	0.4738	0.5232	0.4738	0.5232	0.5516	0.5516
12.69	0.4923	0.5436	0.4923	0.5436	0.5516	0.5516
14.71	0.5138	0.5661	0.5138	0.5661	0.5516	0.5516
16.75	0.5365	0.5898	0.5365	0.5898	0.5516	0.5516
18.78	0.5658	0.6201	0.5658	0.6201	0.5516	0.5516
20.70	0.5922	0.6473	0.5922	0.6473	0.5516	0.5516
25.73	0.6611	0.7168	0.6611	0.7168	0.5516	0.5516
30.96	0.7253	0.7801	0.7253	0.7801	0.5516	0.5516
35.70	0.7910	0.8431	0.7910	0.8431	0.5516	0.5516
40.71	0.8520	0.9001	0.8520	0.9001	0.5516	0.5516
45.72	0.9029	0.9465	0.9029	0.9466	0.5516	0.5516
50.96	0.9404	0.9801	0.9404	0.9801	0.5516	0.5516
55.71	0.9572	0.9949	0.9572	0.9949	0.5516	0.5516
60.75	0.9630	1.0000	0.9630	1.0000	0.5516	0.5516
70.73	0.9623	0.9994	0.9623	0.9994	0.5516	0.5516
80.69	0.9625	0.9996	0.9625	0.9996	0.5516	0.5516
90.74	0.9625	0.9996	0.9625	0.9996	0.5516	0.5516
100.62	0.9625	0.9996	0.9625	0.9996	0.5516	0.5516
102.11	0.9643	1.0011	0.9643	1.0011	0.5516	0.5516
112.11	0.9626	0.9997	0.9626	0.9997	0.5516	0.5516
122.12	0.9643	1.0011	0.9643	1.0011	0.5516	0.5516
132.11	0.9614	0.9986	0.9614	0.9986	0.5516	0.5516
142.13	0.9599	0.9973	0.9599	0.9973	0.5516	0.5516
152.11	0.9613	0.9985	0.9613	0.9985	0.5516	0.5516
162.17	0.9566	0.9944	0.9566	0.9944	0.5516	0.5516
172.15	0.9520	0.9904	0.9520	0.9904	0.5516	0.5516
182.11	0.9506	0.9891	0.9506	0.9891	0.5516	0.5516
192.16	0.9506	0.9891	0.9506	0.9891	0.5516	0.5516
202.04	0.9486	0.9873	0.9486	0.9873	0.5516	0.5516

M (NOMINAL)= 1.3

X= 500 MM T0=293.7 K DEL.995= 63.0 MM
RE/M= 3.49*10^6 (MEASURED P) ME=0.955 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5572	0.5572
0.69	0.3698	0.4154	0.3698	0.4154	0.5572	0.5572
0.90	0.3846	0.4315	0.3846	0.4315	0.5572	0.5572
1.09	0.3945	0.4424	0.3945	0.4424	0.5572	0.5572
1.30	0.4064	0.4552	0.4064	0.4552	0.5572	0.5572
1.49	0.4116	0.4609	0.4116	0.4609	0.5572	0.5572
1.69	0.4203	0.4703	0.4203	0.4703	0.5572	0.5572
2.20	0.4334	0.4844	0.4334	0.4844	0.5572	0.5572
2.75	0.4457	0.4977	0.4457	0.4977	0.5572	0.5572
3.19	0.4467	0.4988	0.4467	0.4988	0.5572	0.5572
3.70	0.4559	0.5086	0.4559	0.5086	0.5572	0.5572
4.72	0.4677	0.5212	0.4677	0.5212	0.5572	0.5572
6.72	0.4778	0.5320	0.4778	0.5320	0.5572	0.5572
8.71	0.5024	0.5582	0.5024	0.5582	0.5572	0.5572
10.69	0.5142	0.5706	0.5142	0.5706	0.5572	0.5572
12.71	0.5334	0.5907	0.5334	0.5907	0.5572	0.5572
14.70	0.5520	0.6102	0.5520	0.6102	0.5572	0.5572
16.69	0.5781	0.6372	0.5781	0.6372	0.5572	0.5572
18.71	0.5919	0.6515	0.5919	0.6515	0.5572	0.5572
20.71	0.6081	0.6682	0.6081	0.6682	0.5572	0.5572
25.81	0.6626	0.7233	0.6626	0.7233	0.5572	0.5572
30.73	0.7175	0.7779	0.7175	0.7779	0.5572	0.5572
35.71	0.7752	0.8339	0.7752	0.8339	0.5572	0.5572
40.69	0.8246	0.8810	0.8246	0.8810	0.5572	0.5572
45.69	0.8754	0.9281	0.8754	0.9281	0.5572	0.5572
50.70	0.9123	0.9618	0.9123	0.9618	0.5572	0.5572
55.69	0.9378	0.9847	0.9378	0.9847	0.5572	0.5572
60.70	0.9496	0.9952	0.9496	0.9952	0.5572	0.5572
70.73	0.9558	1.0006	0.9558	1.0006	0.5572	0.5572
80.72	0.9556	1.0006	0.9556	1.0006	0.5572	0.5572
90.71	0.9561	1.0009	0.9561	1.0009	0.5572	0.5572
100.67	0.9563	1.0012	0.9563	1.0012	0.5572	0.5572
102.11	0.9522	0.9975	0.9522	0.9975	0.5572	0.5572
112.11	0.9535	0.9986	0.9535	0.9986	0.5572	0.5572
122.13	0.9522	0.9975	0.9522	0.9975	0.5572	0.5572
132.15	0.9538	0.9989	0.9538	0.9989	0.5572	0.5572
142.11	0.9522	0.9975	0.9522	0.9975	0.5572	0.5572
147.11	0.9487	0.9944	0.9487	0.9944	0.5572	0.5572
152.12	0.9474	0.9932	0.9474	0.9932	0.5572	0.5572
162.12	0.9456	0.9917	0.9456	0.9917	0.5572	0.5572
172.15	0.9446	0.9908	0.9446	0.9908	0.5572	0.5572
182.14	0.9431	0.9894	0.9431	0.9894	0.5572	0.5572
192.13	0.9432	0.9895	0.9432	0.9895	0.5572	0.5572
202.09	0.9432	0.9895	0.9432	0.9895	0.5572	0.5572

M (NOMINAL)= 1.3

X= 789 MM T0=293.7 K DEL.995= 67.9 MM
RE/M= 3.47*10^6 (MEASURED P) ME=0.937 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5683	0.5683
0.69	0.3981	0.4536	0.3981	0.4536	0.5683	0.5683
0.89	0.4105	0.4672	0.4105	0.4672	0.5683	0.5683
1.10	0.4222	0.4801	0.4222	0.4801	0.5683	0.5683
1.30	0.4342	0.4932	0.4342	0.4932	0.5683	0.5683
1.52	0.4385	0.4979	0.4385	0.4979	0.5683	0.5683
1.69	0.4525	0.5132	0.4525	0.5132	0.5683	0.5683
2.20	0.4632	0.5248	0.4632	0.5248	0.5683	0.5683
2.70	0.4671	0.5291	0.4671	0.5291	0.5683	0.5683
3.22	0.4819	0.5451	0.4819	0.5451	0.5683	0.5683
3.69	0.4869	0.5505	0.4869	0.5505	0.5683	0.5683
4.77	0.5051	0.5703	0.5051	0.5703	0.5683	0.5683
6.69	0.5255	0.5919	0.5255	0.5919	0.5683	0.5683
8.70	0.5394	0.6068	0.5394	0.6068	0.5683	0.5683
10.69	0.5581	0.6183	0.5581	0.6183	0.5683	0.5683
12.82	0.5662	0.6352	0.5662	0.6352	0.5683	0.5683
14.72	0.5818	0.6515	0.5818	0.6515	0.5683	0.5683
16.70	0.5949	0.6652	0.5949	0.6652	0.5683	0.5683
18.75	0.6077	0.6786	0.6077	0.6786	0.5683	0.5683
20.72	0.6253	0.6968	0.6253	0.6968	0.5683	0.5683
25.70	0.6610	0.7335	0.6610	0.7335	0.5683	0.5683
30.70	0.7047	0.7777	0.7047	0.7777	0.5683	0.5683
35.77	0.7478	0.8198	0.7478	0.8198	0.5683	0.5683
40.84	0.7877	0.8597	0.7877	0.8597	0.5683	0.5683
45.74	0.8113	0.8816	0.8113	0.8816	0.5683	0.5683
50.74	0.8678	0.9361	0.8678	0.9361	0.5683	0.5683
55.69	0.8994	0.9656	0.8994	0.9656	0.5683	0.5683
60.70	0.9214	0.9858	0.9214	0.9858	0.5683	0.5683
70.70	0.9360	0.9991	0.9360	0.9991	0.5683	0.5683
80.70	0.9370	1.0000	0.9370	1.0000	0.5683	0.5683
90.72	0.9377	1.0006	0.9377	1.0006	0.5683	0.5683
100.64	0.9360	0.9991	0.9360	0.9991	0.5683	0.5683
102.11	0.9371	1.0001	0.9371	1.0001	0.5683	0.5683
112.11	0.9348	0.9980	0.9348	0.9980	0.5683	0.5683
122.14	0.9351	0.9983	0.9351	0.9983	0.5683	0.5683
132.12	0.9337	0.9970	0.9337	0.9970	0.5683	0.5683
142.26	0.9330	0.9963	0.9330	0.9963	0.5683	0.5683
152.16	0.9306	0.9942	0.9306	0.9942	0.5683	0.5683
162.12	0.9307	0.9943	0.9307	0.9943	0.5683	0.5683
172.15	0.9278	0.9916	0.9278	0.9916	0.5683	0.5683
182.12	0.9243	0.9884	0.9243	0.9884	0.5683	0.5683
192.14	0.9245	0.9886	0.9245	0.9886	0.5683	0.5683
202.06	0.9215	0.9859	0.9215	0.9859	0.5683	0.5683

M NOMINAL = 1

X= 1005 MM T0=292.6 K DEL 995= 78.4 MM
RE/M= 3.47*10^6 (MEASURED P) ME=0.923 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5757	0.5757
0.69	0.4183	0.4819	0.4183	0.4819	0.5757	0.5757
0.90	0.4325	0.4977	0.4325	0.4977	0.5757	0.5757
1.09	0.4465	0.5133	0.4465	0.5133	0.5757	0.5757
1.29	0.4558	0.5234	0.4558	0.5234	0.5757	0.5757
1.51	0.4648	0.5334	0.4648	0.5334	0.5757	0.5757
1.70	0.4709	0.5401	0.4709	0.5401	0.5757	0.5757
2.19	0.4835	0.5539	0.4835	0.5539	0.5757	0.5757
2.70	0.4999	0.5718	0.4999	0.5718	0.5757	0.5757
3.19	0.5062	0.5786	0.5062	0.5786	0.5757	0.5757
3.77	0.5121	0.5851	0.5121	0.5851	0.5757	0.5757
4.72	0.5285	0.6028	0.5285	0.6028	0.5757	0.5757
6.69	0.5487	0.6246	0.5487	0.6246	0.5757	0.5757
8.69	0.5620	0.6389	0.5620	0.6389	0.5757	0.5757
10.70	0.5760	0.6537	0.5760	0.6537	0.5757	0.5757
12.69	0.5890	0.6675	0.5890	0.6675	0.5757	0.5757
14.69	0.6023	0.6817	0.6023	0.6817	0.5757	0.5757
16.71	0.6143	0.6942	0.6143	0.6942	0.5757	0.5757
18.69	0.6251	0.7057	0.6251	0.7057	0.5757	0.5757
20.73	0.6395	0.7207	0.6395	0.7207	0.5757	0.5757
25.72	0.6684	0.7506	0.6684	0.7506	0.5757	0.5757
30.70	0.7005	0.7835	0.7005	0.7835	0.5757	0.5757
35.69	0.7334	0.8168	0.7334	0.8168	0.5757	0.5757
40.69	0.7695	0.8528	0.7695	0.8528	0.5757	0.5757
45.70	0.8006	0.8836	0.8006	0.8836	0.5757	0.5757
50.70	0.8330	0.9149	0.8330	0.9149	0.5757	0.5757
55.71	0.8616	0.9424	0.8616	0.9424	0.5757	0.5757
60.69	0.8821	0.9616	0.8821	0.9616	0.5757	0.5757
70.70	0.9122	0.9900	0.9122	0.9900	0.5757	0.5757
80.70	0.9214	0.9985	0.9214	0.9985	0.5757	0.5757
90.70	0.9238	1.0000	0.9238	1.0000	0.5757	0.5757
100.62	0.9240	1.0009	0.9240	1.0009	0.5757	0.5757
112.11	0.9255	1.0023	0.9255	1.0023	0.5757	0.5757
122.15	0.9245	1.0014	0.9245	1.0014	0.5757	0.5757
132.12	0.9202	0.9974	0.9202	0.9974	0.5757	0.5757
142.11	0.9241	1.0010	0.9241	1.0010	0.5757	0.5757
152.12	0.9199	0.9971	0.9199	0.9971	0.5757	0.5757
157.12	0.9177	0.9947	0.9177	0.9947	0.5757	0.5757
162.11	0.9146	0.9922	0.9146	0.9922	0.5757	0.5757
172.12	0.9122	0.9900	0.9122	0.9900	0.5757	0.5757
182.12	0.9118	0.9896	0.9118	0.9896	0.5757	0.5757
192.12	0.9107	0.9886	0.9107	0.9886	0.5757	0.5757
202.04	0.9108	0.9887	0.9108	0.9887	0.5757	0.5757

M NOMINAL = 1

X= [illegible] MM T0=292.5 K DEL 995= 5[illegible] MM
RE/M= [illegible] (MEASURED P) ME=0.[illegible]14 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5817	0.5817
0.66	0.4250	0.4935	0.4250	0.4935	0.5817	0.5817
0.76	0.4335	0.5030	0.4335	0.5030	0.5817	0.5817
1.06	0.4438	0.5146	0.4438	0.5146	0.5817	0.5817
1.26	0.4595	0.5320	0.4595	0.5320	0.5817	0.5817
1.46	0.4675	0.5409	0.4675	0.5409	0.5817	0.5817
1.66	0.4776	0.5520	0.4776	0.5520	0.5817	0.5817
2.17	0.4886	0.5642	0.4886	0.5642	0.5817	0.5817
2.66	0.5075	0.5849	0.5075	0.5849	0.5817	0.5817
3.16	0.5145	0.5926	0.5145	0.5926	0.5817	0.5817
3.66	0.5217	0.6005	0.5217	0.6005	0.5817	0.5817
4.17	0.5268	0.6061	0.5268	0.6061	0.5817	0.5817
4.66	0.5384	0.6187	0.5384	0.6187	0.5817	0.5817
6.66	0.5546	0.6361	0.5546	0.6361	0.5817	0.5817
8.56	0.5744	0.6575	0.5744	0.6575	0.5817	0.5817
10.66	0.5814	0.6651	0.5814	0.6651	0.5817	0.5817
12.66	0.6028	0.6879	0.6028	0.6879	0.5817	0.5817
14.66	0.6136	0.6994	0.6136	0.6994	0.5817	0.5817
16.66	0.6282	0.7064	0.6282	0.7064	0.5817	0.5817
18.66	0.6358	0.7228	0.6358	0.7228	0.5817	0.5817
20.66	0.6386	0.7268	0.6386	0.7268	0.5817	0.5817
25.67	0.6656	0.7540	0.6656	0.7540	0.5817	0.5817
30.66	0.6944	0.7838	0.6944	0.7838	0.5817	0.5817
35.67	0.7227	0.8128	0.7227	0.8128	0.5817	0.5817
40.66	0.7532	0.8438	0.7532	0.8438	0.5817	0.5817
45.66	0.7813	0.8718	0.7813	0.8718	0.5817	0.5817
50.67	0.8180	0.9005	0.8180	0.9005	0.5817	0.5817
55.66	0.8338	0.9226	0.8338	0.9226	0.5817	0.5817
60.67	0.8562	0.9451	0.8562	0.9451	0.5817	0.5817
[illegible]	0.8981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0.9134	0.9994	0.9134	[illegible]	0.5817	0.5817
[illegible]	0.9140	1.0000	0.9140	1.0000	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M NOMINAL = 1

X= 1811 MM T0=29[illegible] K DEL 995= 95.[illegible] MM
RE/M= [illegible] (MEASURED P) ME=0.899 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5986	0.5986
0.66	0.4419	0.5197	0.4419	0.5197	0.5986	0.5986
0.76	0.4455	0.5238	0.4455	0.5238	0.5986	0.5986
0.87	0.4522	0.5314	0.4522	0.5314	0.5986	0.5986
1.07	0.4667	0.5477	0.4667	0.5477	0.5986	0.5986
1.26	0.4739	0.5558	0.4739	0.5558	0.5986	0.5986
1.47	0.4791	0.5616	0.4791	0.5616	0.5986	0.5986
1.67	0.4884	0.5721	0.4884	0.5721	0.5986	0.5986
2.16	0.5072	0.5930	0.5072	0.5930	0.5986	0.5986
2.66	0.5186	0.6057	0.5186	0.6057	0.5986	0.5986
3.21	[illegible]	0.6225	[illegible]	0.6225	0.5986	0.5986
3.76	0.5416	0.6316	0.5416	0.6316	0.5986	0.5986
4.37	0.5632	0.6548	0.5632	0.6548	0.5986	0.5986
6.56	0.5817	0.6749	0.5817	0.6749	0.5986	0.5986
8.71	0.5957	0.6901	0.5957	0.6901	0.5986	0.5986
10.66	0.6096	0.6986	0.6096	0.6986	0.5986	0.5986
12.67	0.6159	0.7119	0.6159	0.7119	0.5986	0.5986
14.67	0.6281	0.7250	0.6281	0.7250	0.5986	0.5986
16.67	0.6356	0.7323	0.6356	0.7323	0.5986	0.5986
18.67	[illegible]	0.7412	[illegible]	0.7412	0.5986	0.5986
20.66	0.6517	0.7501	0.6517	0.7501	0.5986	0.5986
25.11	0.6746	0.7743	0.6746	0.7743	0.5986	0.5986
30.66	0.6927	0.7929	0.6927	0.7929	0.5986	0.5986
35.66	[illegible]	0.8156	[illegible]	0.8156	0.5986	0.5986
40.70	0.7381	0.8407	0.7381	0.8407	0.5986	0.5986
45.7[illegible]	0.7607	0.8614	[illegible]	0.8614	0.5986	0.5986
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.0015	[illegible]	1.0015	[illegible]	[illegible]
[illegible]	[illegible]	1.0000	[illegible]	1.0000	0.5986	[illegible]
[illegible]	0.8989	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5986	[illegible]

M NOMINAL = 1

X= [illegible] MM T0=[illegible] K DEL 995=10[illegible] MM
RE/M= [illegible] (MEASURED P) ME=[illegible] (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	[illegible]	[illegible]
0.66	[illegible]	0.5[illegible]10	[illegible]	[illegible]	[illegible]	[illegible]
0.86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.2[illegible]	0.4704	0.5621	0.4704	[illegible]	[illegible]	[illegible]
1.46	[illegible]	0.5704	[illegible]	0.5704	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1 3

X= 2789 MM   T0=293 7 K   DEL 995=115 0 MM
RE/M= 3 35*10^6 (MEASURED P)   ME=0 869 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 6006	0 6006
0 66	0 4322	0 5239	0 4322	0 5239	0 6006	0 6006
0 86	0 4462	0 5403	0 4462	0 5403	0 6006	0 6006
1 06	0 4580	0 5540	0 4580	0 5540	0 6006	0 6006
1 26	0 4672	0 5646	0 4672	0 5646	0 6006	0 6006
1 47	0 4786	0 5777	0 4786	0 5777	0 6006	0 6006
1 67	0 4895	0 5904	0 4895	0 5904	0 6006	0 6006
2 21	0 5032	0 6061	0 5032	0 6061	0 6006	0 6006
2 66	0 5134	0 6178	0 5134	0 6178	0 6006	0 6006
3 17	0 5275	0 6338	0 5275	0 6338	0 6006	0 6006
3 70	0 5387	0 6466	0 5387	0 6466	0 6006	0 6006
4 66	0 5548	0 6648	0 5548	0 6648	0 6006	0 6006
6 66	0 5747	0 6871	0 5747	0 6871	0 6006	0 6006
8 67	0 5945	0 7093	0 5945	0 7093	0 6006	0 6006
10 66	0 6081	0 7245	0 6081	0 7245	0 6006	0 6006
12 66	0 6147	0 7313	0 6147	0 7313	0 6006	0 6006
14 67	0 6234	0 7414	0 6234	0 7414	0 6006	0 6006
16 66	0 6279	0 7463	0 6279	0 7463	0 6006	0 6006
18 66	0 6405	0 7602	0 6405	0 7602	0 6006	0 6006
20 70	0 6454	0 7656	0 6454	0 7656	0 6006	0 6006
25 71	0 6622	0 7839	0 6622	0 7839	0 6006	0 6006
30 66	0 6801	0 8033	0 6801	0 8033	0 6006	0 6006
35 67	0 6923	0 8165	0 6923	0 8165	0 6006	0 6006
40 66	0 7087	0 8340	0 7087	0 8340	0 6006	0 6006
45 66	0 7225	0 8488	0 7225	0 8488	0 6006	0 6006
50 70	0 7387	0 8660	0 7387	0 8660	0 6006	0 6006
55 75	0 7522	0 8802	0 7522	0 8802	0 6006	0 6006
60 66	0 7662	0 8949	0 7662	0 8949	0 6006	0 6006
70 75	0 7923	0 9221	0 7923	0 9221	0 6006	0 6006
80 71	0 8173	0 9477	0 8173	0 9477	0 6006	0 6006
90 66	0 8333	0 9640	0 8333	0 9640	0 6006	0 6006
101 43	0 8547	0 9857	0 8547	0 9857	0 6006	0 6006
111 43	0 8645	0 9955	0 8645	0 9955	0 6006	0 6006
121 47	0 8676	0 9986	0 8676	0 9986	0 6006	0 6006
131 43	0 8690	1 0000	0 8690	1 0000	0 6006	0 6006
141 43	0 8687	0 9997	0 8687	0 9997	0 6006	0 6006
151 47	0 8676	0 9986	0 8676	0 9986	0 6006	0 6006
156 52	0 8642	0 9952	0 8642	0 9952	0 6006	0 6006
161 43	0 8649	0 9959	0 8649	0 9959	0 6006	0 6006
171 52	0 8632	0 9942	0 8632	0 9942	0 6006	0 6006
181 46	0 8618	0 9928	0 8618	0 9928	0 6006	0 6006
191 43	0 8576	0 9886	0 8576	0 9886	0 6006	0 6006

M (NOMINAL)= 1.3

X=-600 MM T0=299.[illegible] K DEL 995= [illegible].4 MM
RE/M=10.14*10^6 (MEASURED P) ME=1.[illegible]6 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3686	0.3686
0.69	0.6991	0.5937	0.6991	0.5937	[illegible]	[illegible]
0.89	0.717[illegible]	0.6078	0.7173	0.6078	[illegible]	[illegible]
1.10	0.7446	0.6287	0.7448	0.6287	[illegible]	[illegible]
1.29	0.7657	0.6443	0.7657	0.6443	[illegible]	[illegible]
1.49	0.7845	0.6587	0.7845	0.6587	[illegible]	[illegible]
1.69	0.8017	0.6712	0.8017	0.6712	[illegible]	[illegible]
[illegible]	0.8345	0.6956	0.8345	0.6956	[illegible]	[illegible]
2.69	0.8637	0.7169	0.8637	0.7169	[illegible]	[illegible]
[illegible]	0.8838	[illegible]	0.8838	[illegible]	[illegible]	[illegible]
[illegible]	0.8992	0.742[illegible]	0.8992	0.742[illegible]	[illegible]	[illegible]
4.59	[illegible]	0.7641	[illegible]	0.7641	[illegible]	[illegible]
[illegible]	0.9745	0.7949	0.9745	0.7949	[illegible]	[illegible]
[illegible]	1.0135	0.8254	1.0135	0.8254	[illegible]	[illegible]
10.[illegible]	1.05[illegible]	0.847[illegible]	1.0531	0.847[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.0872	[illegible]	[illegible]	[illegible]
14.[illegible]	1.113[illegible]	[illegible]	1.118[illegible]	[illegible]	[illegible]	[illegible]
16.[illegible]	1.14[illegible]	[illegible]	1.147[illegible]	[illegible]	[illegible]	[illegible]
18.[illegible]	[illegible]	0.9245	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.[illegible]545	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.[illegible]814	1.0006	[illegible]	[illegible]
141.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.5	1.[illegible]	1.001[illegible]	1.[illegible]	1.0015	[illegible]	[illegible]

M (NOMINAL) = 1.[illegible]

X=-511 MM T0=299.[illegible] K DEL 995= [illegible]4.6 MM
RE/M=10.13*10^6 (MEASURED P) ME=1.262 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3695	0.3695
[illegible]	0.6751	0.5811	0.6751	0.5811	0.3695	0.3695
[illegible]	[illegible]	[illegible]	[illegible]	0.597[illegible]	0.3695	0.3695
1.[illegible]	[illegible]	0.618[illegible]	[illegible]	0.618[illegible]	0.3695	0.3695
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0.6485	[illegible]	0.6485	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.[illegible]	1.2[illegible]	0.[illegible]64	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1.3

X=-411 MM T0=299.4 K DEL 995= 25.6 MM
RE/M=10.19*10^6 (MEASURED P) ME=1.267 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	[illegible]	[illegible]
0.63	0.6640	0.57[illegible]	0.6640	0.57[illegible]	[illegible]	[illegible]
0.89	0.6800	[illegible]	0.6800	[illegible]	[illegible]	[illegible]
1.[illegible]	0.7015	[illegible]	0.7015	[illegible]	[illegible]	[illegible]
1.29	0.7259	[illegible]	0.7259	[illegible]	[illegible]	[illegible]
1.[illegible]	0.7449	0.6411	0.7449	0.6411	[illegible]	[illegible]
1.[illegible]	0.7517	0.6464	[illegible]	0.6464	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.[illegible]	1.2651	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1.[illegible]

X=-314 MM T0=299.0 K DEL 995= [illegible]6.3 MM
RE/M=10.17*10^6 (MEASURED P) ME=1.266 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	[illegible]	[illegible]
[illegible]	[illegible]	0.5817	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0.597[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.10	0.7110	0.6150	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	0.7874	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
141.[illegible]	1.3651	0.9995	1.3651	0.999[illegible]	[illegible]	[illegible]
151.[illegible]	1.3665	1.000[illegible]	1.3665	1.000[illegible]	[illegible]	[illegible]
[illegible]	1.3647	0.9992	1.3647	0.999[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1 3

X=-215 MM T0=298 2 K DEL 995= 36 4 MM
RE/M=10 21*10^6 (MEASURED P) ME=1 272 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3745	0 3745
0 69	0 6794	0 5879	0 6794	0 5879	0 3745	0 3745
0 89	0 6978	0 6025	0 6978	0 6025	0 3745	0 3745
1 12	0 7258	0 6244	0 7258	0 6244	0 3745	0 3745
1 29	0 7422	0 6371	0 7422	0 6371	0 3745	0 3745
1 49	0 7607	0 6513	0 7607	0 6513	0 3745	0 3745
1 69	0 7738	0 6614	0 7738	0 6614	0 3745	0 3745
2 19	0 8043	0 6845	0 8043	0 6845	0 3745	0 3745
2 69	0 8290	0 7030	0 8290	0 7030	0 3745	0 3745
3 19	0 8451	0 7150	0 8451	0 7150	0 3745	0 3745
3 69	0 8597	0 7256	0 8597	0 7258	0 3745	0 3745
4 71	0 8863	0 7452	0 8863	0 7452	0 3745	0 3745
6 69	0 9270	0 7745	0 9270	0 7745	0 3745	0 3745
8 69	0 9621	0 7994	0 9621	0 7994	0 3745	0 3745
10 70	0 9975	0 8239	0 9975	0 8239	0 3745	0 3745
12 70	1 0294	0 8458	1 0294	0 8458	0 3745	0 3745
14 70	1 0584	0 8653	1 0584	0 8653	0 3745	0 3745
16 69	1 0874	0 8845	1 0874	0 8845	0 3745	0 3745
18 71	1 1092	0 8987	1 1092	0 8987	0 3745	0 3745
20 72	1 1375	0 9170	1 1375	0 9170	0 3745	0 3745
23 19	1 1650	0 9345	1 1650	0 9345	0 3745	0 3745
25 71	1 1930	0 9520	1 1930	0 9520	0 3745	0 3745
28 20	1 2167	0 9666	1 2167	0 9666	0 3745	0 3745
30 72	1 2385	0 9799	1 2385	0 9799	0 3745	0 3745
33 21	1 2539	0 9892	1 2539	0 9892	0 3745	0 3745
35 70	1 2681	0 9977	1 2681	0 9977	0 3745	0 3745
38 20	1 2686	0 9980	1 2686	0 9980	0 3745	0 3745
40 69	1 2688	0 9981	1 2688	0 9981	0 3745	0 3745
45 69	1 2720	1 0000	1 2720	1 0000	0 3745	0 3745
50 71	1 2723	1 0001	1 2723	1 0001	0 3745	0 3745
60 69	1 2717	0 9998	1 2717	0 9998	0 3745	0 3745
101 76	1 2710	0 9994	1 2710	0 9994	0 3745	0 3745
111 77	1 2716	0 9996	1 2716	0 9998	0 3745	0 3745
121 79	1 2729	1 0005	1 2729	1 0005	0 3745	0 3745
131 79	1 2723	1 0001	1 2723	1 0001	0 3745	0 3745
141 76	1 2687	0 9980	1 2687	0 9980	0 3745	0 3745
151 78	1 2723	1 0001	1 2723	1 0001	0 3745	0 3745
161 76	1 2714	0 9996	1 2714	0 9996	0 3745	0 3745

M (NOMINAL)= 1 3

X=-168 MM T0=299 1 K DEL 995= 36 1 MM
RE/M=10 21*10^6 (MEASURED P) ME=1 272 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3742	0 3742
0 69	0 6748	0 5843	0 6748	0 5843	0 3742	0 3742
0 90	0 6958	0 6009	0 6958	0 6009	0 3742	0 3742
1 11	0 7328	0 6298	0 7328	0 6298	0 3742	0 3742
1 29	0 7393	0 6349	0 7393	0 6349	0 3742	0 3742
1 51	0 7619	0 6523	0 7619	0 6523	0 3742	0 3742
1 71	0 7762	0 6632	0 7762	0 6632	0 3742	0 3742
2 19	0 8035	0 6839	0 8035	0 6839	0 3742	0 3742
2 70	0 8274	0 7019	0 8274	0 7019	0 3742	0 3742
3 19	0 8460	0 7157	0 8460	0 7157	0 3742	0 3742
3 70	0 8601	0 7261	0 8601	0 7261	0 3742	0 3742
4 70	0 8721	0 7349	0 8721	0 7349	0 3742	0 3742
6 69	0 9316	0 7778	0 9316	0 7778	0 3742	0 3742
8 70	0 9785	0 8052	0 9785	0 8052	0 3742	0 3742
10 69	0 9966	0 8233	0 9966	0 8233	0 3742	0 3742
12 71	1 0242	0 8422	1 0242	0 8422	0 3742	0 3742
14 70	1 0536	0 8620	1 0536	0 8620	0 3742	0 3742
16 72	1 0832	0 8817	1 0832	0 8817	0 3742	0 3742
18 69	1 1138	0 9017	1 1138	0 9017	0 3742	0 3742
20 69	1 1367	0 9165	1 1367	0 9165	0 3742	0 3742
23 21	1 1654	0 9347	1 1654	0 9347	0 3742	0 3742
25 69	1 1889	0 9495	1 1889	0 9495	0 3742	0 3742
28 19	1 2104	0 9628	1 2104	0 9628	0 3742	0 3742
30 70	1 2348	0 9777	1 2348	0 9777	0 3742	0 3742
33 21	1 2514	0 9877	1 2514	0 9877	0 3742	0 3742
35 71	1 2665	0 9967	1 2665	0 9967	0 3742	0 3742
38 19	1 2709	0 9993	1 2709	0 9993	0 3742	0 3742
40 70	1 2706	0 9992	1 2706	0 9992	0 3742	0 3742
45 69	1 2720	1 0000	1 2720	1 0000	0 3742	0 3742
50 69	1 2725	1 0003	1 2725	1 0003	0 3742	0 3742
60 74	1 2721	1 0001	1 2721	1 0001	0 3742	0 3742
101 76	1 2701	0 9989	1 2701	0 9989	0 3742	0 3742
105 77	1 2576	0 9914	1 2576	0 9914	0 3742	0 3742
111 76	1 2716	0 9998	1 2716	0 9998	0 3742	0 3742
121 76	1 2754	1 0020	1 2754	1 0020	0 3742	0 3742
131 77	1 2725	1 0003	1 2725	1 0003	0 3742	0 3742
141 77	1 2719	0 9999	1 2719	0 9999	0 3742	0 3742
151 76	1 2720	1 0000	1 2720	1 0000	0 3742	0 3742
161 81	1 2717	0 9998	1 2717	0 9998	0 3742	0 3742

M (NOMINAL)= 1 3

X=-143 MM T0=298 5 K DEL 995= 37 5 MM
RE/M=10 22*10^6 (MEASURED P) ME=1 273 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3761	0 3800
0 69	0 6698	0 5817	0 6698	0 5817	0 3761	0 3799
0 90	0 6852	0 5940	0 6852	0 5940	0 3761	0 3798
1 10	0 7233	0 6239	0 7233	0 6239	0 3761	0 3798
1 29	0 7324	0 6310	0 7324	0 6310	0 3761	0 3798
1 49	0 7489	0 6438	0 7489	0 6438	0 3761	0 3797
1 70	0 7665	0 6574	0 7665	0 6574	0 3761	0 3797
2 11	0 7969	0 6886	0 7969	0 6886	0 3761	0 3796
2 70	0 8203	0 6982	0 8203	0 6982	0 3761	0 3795
3 11	0 8418	0 7143	0 8418	0 7143	0 3761	0 3794
3 71	0 8543	0 7235	0 8543	0 7235	0 3761	0 3793
4 69	0 8821	0 7440	0 8821	0 7440	0 3761	0 3791
6 69	0 9396	0 7855	0 9396	0 7855	0 3761	0 3788
8 70	0 9747	0 8101	0 9747	0 8101	0 3761	0 3784
10 69	0 9903	0 8209	0 9903	0 8209	0 3761	0 3782
12 69	1 0163	0 8388	1 0163	0 8388	0 3761	0 3780
14 69	1 0493	0 8612	1 0493	0 8612	0 3761	0 3778
16 70	1 0746	0 8781	1 0746	0 8781	0 3761	0 3776
18 69	1 1005	0 8952	1 1005	0 8952	0 3761	0 3772
20 70	1 1243	0 9107	1 1243	0 9107	0 3761	0 3769
23 10	1 1560	0 9310	1 1560	0 9310	0 3761	0 3765
25 69	1 1924	0 9539	1 1924	0 9539	0 3761	0 3763
28 69	1 2055	0 9620	1 2055	0 9620	0 3761	0 3762
30 71	1 2299	0 9764	1 2291	0 9738	0 3760	0 3760
33 69	1 2454	0 9864	1 2461	0 9841	0 3758	0 3758
35 69	1 2593	0 9948	1 2605	0 9928	0 3755	0 3757
38 69	1 2642	0 9977	1 2660	0 9961	0 3751	0 3755
40 69	1 2594	0 9948	1 2618	0 9975	0 3750	0 3753
45 70	1 2690	1 0006	1 2725	0 9999	0 3745	0 3745
50 72	1 2680	1 0000	1 2726	1 0000	0 3740	0 3740
60 71	1 2670	0 9994	1 2729	1 0007	0 3730	0 3730
101 76	1 2676	0 9998	1 2766	1 0023	0 3721	0 3721
111 76	1 2667	0 9992	1 2757	1 0018	0 3721	0 3721
121 77	1 2670	0 9994	1 2760	1 0020	0 3721	0 3721
131 78	1 2681	1 0001	1 2771	1 0026	0 3721	0 3721
141 76	1 2683	0 9954	1 2692	0 9986	0 3721	0 3721
151 79	1 2670	0 9994	1 2760	1 0020	0 3721	0 3721
161 78	1 2661	0 9989	1 2749	1 0013	0 3722	0 3722

M (NOMINAL)= 1 3

X=-119 MM T0=299 5 K DEL 995= 37 4 MM
RE/M=10 10*10^6 (MEASURED P) ME=1 254 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3853	0 3912
0 69	0 6389	0 5648	0 6389	0 5648	0 3853	0 3909
0 90	0 6595	0 5815	0 6595	0 5815	0 3853	0 3908
1 09	0 6821	0 5998	0 6821	0 5998	0 3853	0 3907
1 30	0 7044	0 6177	0 7044	0 6177	0 3853	0 3906
1 50	0 7263	0 6351	0 7263	0 6351	0 3853	0 3906
1 69	0 7413	0 6468	0 7413	0 6468	0 3853	0 3905
2 09	0 7659	0 6661	0 7659	0 6661	0 3853	0 3904
2 70	0 7941	0 6879	0 7941	0 6879	0 3853	[illegible]
3 09	0 8236	0 7105	0 8236	0 7105	0 3853	0 3901
[illegible]	0 8210	0 7665	0 8210	0 7665	0 3853	0 3899
4 70	0 8559	0 7749	0 8559	0 7749	0 3853	0 3895
6 71	[illegible]	0 7784	[illegible]	0 7784	0 3853	0 3884
8 71	0 9145	0 7927	0 9145	0 7927	[illegible]	[illegible]
10 69	0 9674	0 8162	0 9675	0 8118	0 3852	0 3877
12 69	0 9556	[illegible]	0 9564	[illegible]	0 3850	[illegible]
14 71	[illegible]	0 8568	[illegible]	0 8528	0 3848	[illegible]
16 70	1 0565	0 8741	1 0520	0 8703	0 3846	0 3860
18 71	1 0788	0 8927	1 0793	0 8891	0 3844	0 3854
20 69	1 1109	0 9146	[illegible]	0 9111	0 3842	0 3849
23 10	1 1164	0 9143	[illegible]	0 9111	0 3840	0 3841
25 70	1 1753	0 9564	1 1767	0 9533	0 3837	0 3837
28 10	1 1835	0 9616	1 1674	0 9586	0 3835	0 3831
30 70	1 2079	0 9778	1 2125	0 9745	0 3832	0 3827
33 11	1 2285	0 9849	1 2261	0 9838	0 3827	0 3821
35 69	1 2344	0 9935	1 2412	0 9922	0 3822	0 3819
38 10	1 2428	0 9986	1 2506	0 9979	0 3817	0 3815
40 70	1 2450	1 0000	1 2540	1 0000	0 3812	0 3810
45 69	1 2449	0 9999	1 2561	1 0012	0 3802	0 3802
50 71	1 2480	1 0016	1 2616	1 0046	0 3791	0 3791
60 70	1 2476	1 0016	1 2677	1 0082	0 3762	0 3762
101 76	1 2459	1 0005	1 2775	1 0146	0 3711	0 3711
111 76	1 2474	1 0014	1 2806	1 0160	0 3703	0 3703
121 76	1 2515	1 0040	1 2844	1 0182	0 3705	0 3705
131 77	1 2455	1 0003	1 2765	1 0135	0 3714	0 3714
141 77	1 2446	0 9998	1 2747	1 0125	0 3717	0 3717
151 78	1 2464	1 0008	1 2757	1 0131	0 3720	0 3720
161 77	1 2466	1 0010	1 2751	1 0127	0 3724	0 3724

M (NOMINAL) = 1.3

X=-94 MM T0=299.5 K DEL.995= 38.7 MM
RE/M=10.16*10^6 (MEASURED P) ME=1.249 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3975	0.4056
0.69	0.5989	0.5395	0.5989	0.5395	0.3975	0.4052
0.90	0.6145	0.5526	0.6145	0.5526	0.3975	0.4051
1.09	0.6396	0.5735	0.6396	0.5735	0.3975	0.4050
1.34	0.6666	0.5957	0.6666	0.5957	0.3975	0.4049
1.49	0.6800	0.6067	0.6800	0.6067	0.3975	0.4048
1.74	0.6967	0.6203	0.6967	0.6203	0.3975	0.4047
2.09	0.7228	0.6414	0.7228	0.6414	0.3975	0.4045
2.69	0.7583	0.6697	0.7583	0.6697	0.3975	0.4042
3.09	0.7658	0.6756	0.7658	0.6756	0.3975	0.4040
3.69	0.7890	0.6939	0.7890	0.6939	0.3975	0.4037
4.69	0.8242	0.7212	0.8242	0.7212	0.3975	0.4031
6.69	0.8655	0.7527	0.8655	0.7527	0.3975	0.4021
8.69	0.8956	0.7753	0.8956	0.7753	0.3975	0.4010
10.70	0.9353	0.8047	0.9355	0.7914	0.3974	0.4001
12.79	0.9639	0.8255	0.9645	0.8122	0.3972	0.3992
14.[illegible]	0.9940	0.8470	0.9950	0.8336	0.3970	0.3983
16.72	1.0217	0.8666	1.0231	0.8532	0.3968	0.3974
18.69	1.0451	0.8829	1.0469	0.8695	0.3966	0.3965
20.70	1.0739	0.9028	1.0766	0.8895	0.3962	0.3951
23.09	1.0972	0.9186	1.1019	0.9064	0.3953	0.3938
25.[illegible]	1.1319	0.9418	1.1388	0.9306	0.3942	0.3925
28.09	1.1563	0.9578	1.1651	0.9475	0.3933	0.3913
30.70	1.1764	0.9709	1.1878	0.9619	0.3921	0.3901
33.12	1.1976	0.9845	1.2120	0.9772	0.3906	0.3892
35.70	1.2093	0.9920	1.2271	0.9865	0.3891	0.3882
38.09	1.2169	0.9968	1.2377	0.9931	0.3876	0.3874
40.69	1.2137	0.9985	1.2435	0.9966	0.3863	0.3865
45.69	1.2220	1.0000	1.2495	1.0000	0.3848	0.3848
50.70	1.2238	1.0012	1.2542	1.0031	0.3833	0.3833
60.70	1.2218	0.9998	1.2591	1.0061	0.3801	0.3801
70.69	1.2200	0.9988	1.2706	1.0128	0.3743	0.3743
80.70	1.2205	0.9991	1.2773	1.0171	0.3714	0.3714
101.76	1.2179	0.9987	1.2852	1.0206	0.3685	0.3685
111.77	1.2196	0.9988	1.2835	1.0208	0.3685	0.3685
121.77	1.2198	0.9986	1.2831	1.0206	0.3685	0.3685
131.77	1.2161	0.9963	1.2794	1.0183	0.3685	0.3685
141.76	1.2187	0.9977	1.2816	1.0197	0.3686	0.3686
151.77	1.2211	0.9995	1.2845	1.0214	0.3685	0.3685
161.77	1.2204	0.9990	1.2837	1.0209	0.3685	0.3685
171.76	1.2196	0.9985	1.2824	1.0202	0.3687	0.3687
181.77	1.2208	0.9992	1.2814	1.0196	0.3697	0.3697

M (NOMINAL) = 1.3

X=-69 MM T0=299.1 K DEL.995= 39.6 MM
RE/M=10.20*10^6 (MEASURED P) ME=1.219 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4234	0.4301
0.69	0.5292	0.4948	0.5292	0.4948	0.4234	0.4296
0.93	0.5383	0.5028	0.5383	0.5028	0.4234	0.4294
1.09	0.5566	0.5189	0.5566	0.5189	0.4234	0.4293
1.31	0.5693	0.5301	0.5693	0.5301	0.4234	0.4292
1.49	0.5948	0.5523	0.5948	0.5523	0.4234	0.4290
1.69	0.6042	0.5604	0.6042	0.5604	0.4234	0.4289
2.09	0.6370	0.5886	0.6370	0.5886	0.4234	0.4286
2.69	0.6608	0.6088	0.6608	0.6088	0.4234	0.4282
3.09	0.6823	0.6270	0.6823	0.6270	0.4234	0.4279
3.71	0.7164	0.6555	0.7164	0.6555	0.4234	0.4275
4.69	0.7519	0.6848	0.7519	0.6848	0.42[illegible]	0.4269
6.72	0.7867	0.7146	0.7896	0.6956	0.4231	0.4255
8.70	0.8352	0.7517	0.8369	0.7323	0.4227	0.4242
10.70	0.8584	0.7699	0.8614	0.7510	0.4221	0.4229
12.74	0.8965	0.7994	0.9016	0.7813	0.4210	0.4216
14.70	0.9209	0.8181	0.9281	0.8009	0.4201	0.4203
16.70	0.9556	0.8443	0.9647	0.8276	0.4191	0.4189
18.69	0.9789	0.8616	0.9899	0.8457	0.4181	0.4176
20.70	1.0065	0.8818	1.0194	0.8666	0.4171	0.4162
23.10	1.0438	0.9087	1.0589	0.8942	0.4159	0.4146
25.70	1.0691	0.9267	1.0867	0.9132	0.4145	0.4128
28.10	1.0979	0.9469	1.1178	0.9342	0.4134	0.4115
30.69	1.1221	0.9636	1.1448	0.9521	0.4119	0.4100
33.11	1.1425	0.9775	1.1686	0.9677	0.4102	0.4086
35.69	1.1591	0.9886	1.1891	0.9809	0.4084	0.4071
38.09	1.1688	0.9952	1.2020	0.9892	0.4067	0.4058
40.69	1.1744	0.9989	1.2111	0.9958	0.4050	0.4044
45.69	1.1760	1.0000	1.2190	1.0000	0.4020	0.4020
50.70	1.1827	1.0045	1.2321	1.0065	0.3989	0.3989
55.69	1.1749	0.9993	1.2316	1.0080	0.3954	0.3954
60.70	1.1755	0.9994	1.2376	1.0117	0.3919	0.3919
70.70	1.1715	0.9970	1.2511	1.0201	0.3847	0.3847
80.70	1.1701	0.9961	1.2666	1.0297	0.3770	0.3770
90.70	1.1700	0.9960	1.2796	1.0377	0.3711	0.3711
101.76	1.1[illegible]	0.9969	1.2894	1.0437	0.3674	0.3674
111.77	1.1632	0.9954	1.2973	1.0424	0.3674	0.3674
121.77	1.1692	0.9954	1.2973	1.0424	0.3674	0.3674
131.7[illegible]	1.1668	0.9952	1.2969	1.0421	0.3674	0.3674
141.7[illegible]	1.1677	0.9955	1.2978	1.0472	0.3676	0.3676
151.7[illegible]	1.1768	1.0005	1.2906	1.0456	0.3685	0.3685
161.[illegible]	1.1665	0.9956	1.2884	1.0385	0.3690	0.3690
171.77	1.1701	0.9961	1.2876	1.0446	0.3694	0.3694
181.77	1.1778	0.9958	1.2877	1.0399	0.3694	0.3694
191.77	1.1770	0.9965	1.2844	1.0440	0.3694	0.3694

M (NOMINAL) = 1.3

X=-47 MM T0=297.8 K DEL.995= 42.5 MM
RE/M=10.27*10^6 (MEASURED P) ME=1.181 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4465	0.4621
0.39	0.4502	0.4358	0.4502	0.4358	0.4465	0.4616
0.89	0.4536	0.4389	0.4536	0.4389	0.4465	0.4615
1.09	0.4935	0.4758	0.4935	0.4758	0.4465	0.4614
1.30	0.4969	0.4789	0.4969	0.4789	0.4465	0.4612
1.50	0.5068	0.4880	0.5068	0.4880	0.4465	0.4611
1.69	0.5134	0.4940	0.5134	0.4940	0.4465	0.4610
2.09	0.5481	0.5256	0.5481	0.5256	0.4465	0.4606
2.69	0.5936	0.5664	0.5936	0.5664	0.4465	0.4603
3.16	0.6028	0.5746	0.6028	0.5746	0.4465	0.4600
3.69	0.6255	0.5947	0.6255	0.5947	0.4465	0.4596
4.71	0.6689	0.6327	0.6689	0.6327	0.4465	0.4589
6.69	0.7201	0.6768	0.7234	0.6592	0.4451	0.4576
8.70	0.7496	0.7018	0.7567	0.6865	0.4435	0.4561
10.69	0.8004	0.7441	0.8182	0.7296	0.4422	0.4546
12.69	0.8370	0.7740	0.8487	0.7599	0.4412	0.4531
14.70	0.8631	0.7951	0.8767	0.7817	0.4402	0.4516
16.71	0.8865	0.8137	0.9019	0.8011	0.4391	0.4501
18.69	0.9253	0.8442	0.9422	0.8316	0.4382	0.4485
20.70	0.9484	0.8621	0.9670	0.8500	0.4372	0.4468
23.12	0.9734	0.8813	0.9936	0.8696	0.4363	0.4447
25.70	1.0188	0.9154	1.0481	0.9034	0.4352	0.4425
28.29	1.0490	0.9377	1.0723	0.9260	0.4342	0.4403
30.71	1.0669	0.9508	1.0923	0.9400	0.4331	0.4383
33.13	1.0931	0.9696	1.1211	0.9598	0.4316	0.4363
35.77	1.1090	0.9809	1.1400	0.9727	0.4300	0.4340
38.12	1.1234	0.9911	1.1571	0.9842	0.4286	0.4319
40.69	1.1391	0.9959	1.1670	0.9909	0.4269	0.4297
45.71	1.1360	1.0000	1.1887	1.0000	0.4229	0.4254
50.70	1.1343	0.9988	1.1870	1.0041	0.4189	0.4189
60.70	1.1315	0.9968	1.2021	1.0141	0.4099	0.4099
70.69	1.1298	0.9951	1.2183	1.0246	0.4007	0.4001
80.69	1.1279	0.9943	1.2403	1.0380	0.3898	0.3898
90.70	1.1405	1.0002	1.2744	1.0604	0.3800	0.3800
101.76	1.1261	0.9931	1.2766	1.0618	0.3724	0.3724
111.76	1.1254	0.9926	1.2879	1.0689	0.3671	0.3671
121.77	1.1237	0.9914	1.2904	1.0704	0.3653	0.3653
131.78	1.1255	0.9927	1.2937	1.0725	0.3647	0.3647
141.76	1.1245	0.9919	1.2908	1.0707	0.3655	0.3655
151.77	1.1254	0.9926	1.2917	1.0712	0.3655	0.3655
161.77	1.1248	0.9921	1.2910	1.0708	0.3655	0.3655
171.75	1.1257	0.9927	1.2919	1.0714	0.3655	0.3655
181.76	1.1267	0.9935	1.2930	1.0720	0.3655	0.3655
191.77	1.1308	1.0000	1.3052	1.0796	0.3656	0.3656

M (NOMINAL) = 1.3

X=-22 MM T0=297.6 K DEL.995= 44.[illegible] MM
RE/M=10.17*10^6 (MEASURED P) ME=1.192 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4793	0.4987
0.6[illegible]	0.[illegible]	0.[illegible]	0.[illegible]	0.3625	0.4793	0.4982
0.[illegible]	0.[illegible]	0.3581	0.[illegible]	0.3581	0.4793	0.4981
1.[illegible]	0.[illegible]	0.3469	0.[illegible]	0.3469	0.4793	0.4981
1.[illegible]	0.[illegible]	0.[illegible]	0.3616	0.3673	0.4793	0.4988
1.[illegible]	0.3866	0.3918	0.3866	0.3918	0.4793	0.4988
1.[illegible]	0.3946	0.3996	0.3946	0.3996	0.4793	0.4986
2.19	0.4252	0.4295	0.4252	0.4295	0.4793	0.4979
2.70	0.4571	0.4685	0.4571	0.4685	0.4793	0.4978
3.14	0.4703	0.4723	0.4703	0.4723	0.4793	0.4977
3.70	0.4953	0.4972	0.4953	0.4972	0.4793	0.4976
4.69	0.5577	0.5576	0.5577	0.5576	0.4793	0.4974
5.69	0.5627	0.5660	0.5627	0.5560	0.4792	0.4972
6.70	0.5975	0.5935	0.5984	0.5689	0.4790	0.4970
8.69	0.6433	0.6357	0.6452	0.6316	0.4786	0.4966
10.70	0.6844	0.6729	0.6869	0.6690	0.4782	0.4962
12.70	0.7279	0.7117	0.7308	0.7077	0.4780	0.4955
14.69	0.7575	0.7377	0.7607	0.7337	0.4778	0.4948
16.72	0.8148	0.7872	0.8182	0.7828	0.4776	0.4940
18.69	0.8304	0.8005	0.8342	0.7963	0.4774	0.4932
20.69	0.8567	0.8226	0.8608	0.8184	0.4772	0.4925
23.20	0.8881	0.8487	0.8926	0.8446	0.4770	0.4915
25.69	0.9260	0.8797	0.9308	0.8755	0.4767	0.4905
28.20	0.9525	0.9010	0.9577	0.8969	0.4765	0.4892
30.69	0.9986	0.9371	1.0038	0.9329	0.4762	0.4876
33.19	1.0059	0.9433	1.0124	0.9396	0.4757	0.4859
35.70	1.0367	0.9671	1.0448	0.9637	0.4752	0.4843
38.20	1.0586	0.9834	1.0661	0.9804	0.4747	0.4826
40.71	1.0656	0.9892	1.0746	0.9868	0.4742	0.4807
45.69	1.0781	0.9985	1.0887	0.9973	0.4732	0.4767
50.69	1.0800	1.0000	1.0924	1.0000	0.4722	0.4727
55.70	1.0797	0.9998	1.0939	1.0011	0.4712	0.4712
60.69	1.0802	1.0002	1.0964	1.0029	0.4700	0.4700
65.69	1.0804	1.0003	1.1001	1.0057	0.4680	0.4680
70.72	1.0787	0.9990	1.1022	1.0072	0.4659	0.4659
80.70	1.0779	0.9985	1.1130	1.0151	0.4594	0.4594
90.74	1.0756	0.9967	1.1345	1.0307	0.4463	0.4463
100.77	1.0759	0.9969	1.1595	1.0487	0.4331	0.4331
110.75	1.0717	0.9937	1.1862	1.0675	0.4173	0.4173
120.72	1.0678	0.9908	1.2184	1.0844	0.4034	0.4034
130.72	1.0666	0.9899	1.2358	1.1019	0.3907	0.3907
140.74	1.0666	0.9901	1.2552	1.1151	0.3818	0.3818
150.72	1.0665	0.9898	1.2697	1.1248	0.3751	0.3751
160.72	1.0654	0.9890	1.2746	1.1283	0.3723	0.3723
170.75	1.0656	0.9892	1.2749	1.1283	0.3724	0.3724
180.7[illegible]	1.0656	0.9892	1.2726	1.1268	0.3734	0.3734
190.7[illegible]	1.0649	0.9886	1.2695	1.1248	0.3744	0.3744

M (NOMINAL) = 1.3

X= 4 MM T0=297.7 K DEL.995= 47.3 MM
RE/M=10.02*10^6 (MEASURED P) ME=1.014 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.5120	0.4878
0.69	0.2572	0.2742	0.2572	0.2742	0.5120	0.4882
0.90	0.2489	0.2655	0.2489	0.2655	0.5120	0.4884
1.09	0.2402	0.2563	0.2402	0.2563	0.5120	0.4885
1.29	0.2662	0.2837	0.2662	0.2837	0.5120	0.4886
1.49	0.2683	0.2859	0.2683	0.2859	0.5120	0.4887
1.69	0.2821	0.3004	0.2821	0.3004	0.5120	0.4889
2.19	0.2921	0.3109	0.2921	0.3109	0.5120	0.4892
2.69	0.3296	0.3500	0.3296	0.3500	0.5120	0.4895
3.21	0.3474	0.3684	0.3474	0.3684	0.5120	0.4896
3.70	0.3681	0.3896	0.3681	0.3898	0.5120	0.4901
4.69	0.3946	0.4173	0.3948	0.4173	0.5120	0.4907
5.71	0.4409	0.4642	0.4409	0.4642	0.5120	0.4913
6.69	0.4731	0.4968	0.4731	0.4968	0.5120	0.4920
8.69	0.5307	0.5542	0.5307	0.5542	0.5120	0.4932
10.69	0.5900	0.6138	0.5900	0.6138	0.5120	0.4944
12.70	0.6241	0.6452	0.6241	0.6452	0.5120	0.4957
14.70	0.6729	0.6915	0.6729	0.6915	0.5120	0.4969
16.70	0.7049	0.7215	0.7049	0.7215	0.5120	0.4982
18.71	0.7249	0.7400	0.7249	0.7400	0.5120	0.4994
20.71	0.7625	0.7745	0.7625	0.7745	0.5120	0.5006
23.21	0.7941	0.8031	0.7941	0.8031	0.5120	0.5022
25.69	0.8405	0.8444	0.8405	0.8444	0.5120	0.5037
28.21	0.8687	0.8690	0.8687	0.8690	0.5120	0.5053
30.69	0.9009	0.8966	0.9005	0.9044	0.5122	0.5068
33.21	0.9238	0.9164	0.9221	0.9230	0.5130	0.5084
35.70	0.9563	0.9417	0.9534	0.9495	0.5137	0.5099
38.19	0.9621	0.9650	0.9779	0.9700	0.5145	0.5115
40.70	1.0014	0.9689	0.9959	0.9850	0.5152	0.5130
45.69	1.0191	0.9952	1.0113	0.9976	0.5167	0.5161
50.70	1.0256	1.0000	1.0142	1.0000	0.5186	0.5192
55.69	1.0258	1.0007	1.0005	0.9953	0.5226	0.5226
60.71	1.0250	1.0000	1.0011	0.9893	0.5266	0.5266
100.72	1.0242	0.9993	0.9198	0.9209	0.5769	0.5769
110.72	1.0221	0.9977	0.8993	0.9033	0.5885	0.5885
120.74	1.0185	0.9948	0.8846	0.8986	0.5954	0.5954
130.72	1.0161	0.9928	0.8741	0.8814	0.6003	0.6003
140.73	1.0142	0.9913	0.8658	0.8741	0.6043	0.6043
150.73	1.0129	0.9902	0.8579	0.8672	0.6084	0.6084
160.74	1.0095	0.9875	0.8465	0.8571	0.6132	0.6132

M (NOMINAL) = 1.3

X= 29 MM T0=297.7 K DEL.995= 49.4 MM
RE/M= 9.34*10^6 (MEASURED P) ME=0.988 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.5274	0.5195
0.69	0.2187	0.2382	0.2187	0.2382	0.5274	0.5196
0.89	0.1950	0.2126	0.1950	0.2126	0.5274	0.5198
1.09	0.2376	0.2586	0.2376	0.2586	0.5274	0.5199
1.29	0.2319	0.2525	0.2319	0.2525	0.5274	0.5200
1.49	0.2511	0.2732	0.2511	0.2732	0.5274	0.5201
1.70	0.2469	0.2687	0.2469	0.2687	0.5274	0.5201
2.20	0.2651	0.2881	0.2651	0.2881	0.5274	0.5203
2.71	0.2786	0.3026	0.2786	0.3026	0.5274	0.5205
3.19	0.2959	0.3211	0.2959	0.3211	0.5274	0.5207
3.69	0.3208	0.3476	0.3206	0.3476	0.5274	0.5209
4.71	0.3492	0.3777	0.3492	0.3777	0.5274	[illegible]
5.71	0.3776	0.4075	0.3771	0.4141	0.5275	0.5216
6.70	0.4150	0.4466	0.4109	0.4533	0.5277	0.5220
8.69	0.4729	0.5064	0.4787	0.5130	0.5281	[illegible]
10.69	0.5137	0.5480	0.5105	0.5544	0.5285	[illegible]
12.70	0.5525	0.5870	0.5464	0.5942	0.5289	[illegible]
14.70	0.5957	0.6300	0.5910	0.6362	[illegible]	[illegible]
16.69	0.6281	0.6619	0.6227	0.6681	[illegible]	[illegible]
18.71	0.6670	0.6996	0.6609	0.7059	0.5302	0.5264
20.71	0.7057	0.7366	0.6991	0.7431	0.5305	0.5272
23.19	0.7522	0.7803	0.7449	0.7871	0.5310	0.5281
25.71	0.7914	0.8166	0.7834	0.8235	0.5315	0.5290
28.20	0.8191	0.8418	0.8104	0.8486	0.5320	0.5299
30.70	0.8450	0.8652	0.8356	0.8718	[illegible]	[illegible]
33.19	0.8781	0.8946	[illegible]	0.9011	[illegible]	[illegible]
35.71	0.9190	0.9304	[illegible]	0.9174	[illegible]	[illegible]
38.19	0.8781	0.8946	[illegible]	0.8957	[illegible]	[illegible]
40.69	0.9597	0.9652	0.9475	0.9717	[illegible]	[illegible]
45.69	0.9895	0.9904	0.9744	0.9949	[illegible]	[illegible]
50.69	0.9991	0.9984	0.9809	1.0005	[illegible]	[illegible]
55.69	1.0010	1.0000	0.9803	1.0000	0.5401	0.5401
60.69	1.0010	1.0000	0.9778	0.9978	0.5417	0.5417
65.69	1.0010	1.0000	0.9746	0.9951	0.5437	0.5437
100.72	1.0005	0.9996	0.9421	0.9670	0.5638	0.5638
110.72	0.9997	0.9989	0.9335	0.9594	0.5688	0.5688
120.74	0.9957	0.9956	0.9213	0.9488	0.5738	0.5738
130.73	0.9926	0.9930	0.9182	0.9389	0.5788	0.5788
140.72	0.9892	0.9981	0.8987	0.9268	0.5837	0.5837
150.72	0.9890	0.9900	0.8922	0.9230	0.5877	0.5877
160.72	0.9873	0.9885	0.8843	0.9159	0.5915	0.5915

M (NOMINAL) = 1.3

X= 51 MM T0=297.7 K DEL.995= 58.6 MM
RE/M= 9.87*10^6 (MEASURED P) ME=0.964 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.5418	0.5348
0.69	0.2206	0.2448	0.2206	0.2448	0.5418	0.5350
0.91	0.2239	0.2484	0.2239	0.2484	0.5418	0.5350
1.10	0.1419	0.1580	0.1419	0.1580	0.5418	0.5351
1.29	0.2024	0.2247	0.2024	0.2247	0.5418	0.5351
1.50	0.2308	0.2559	0.2306	0.2559	0.5418	0.5352
1.69	0.2470	0.2738	0.2470	0.2738	0.5418	0.5352
2.19	0.2275	0.2524	0.2275	0.2524	0.5418	0.5354
2.70	0.2370	0.2628	0.2370	0.2626	0.5418	0.5355
3.19	0.2677	0.2963	0.2677	0.2963	0.5418	0.5356
3.70	0.2864	0.3167	0.2864	0.3167	0.5418	0.5358
4.70	0.3124	0.3450	0.3124	0.3450	0.5418	0.5360
5.69	0.3389	0.3736	0.3389	0.3736	0.5418	[illegible]
6.69	0.3610	0.3973	0.3610	0.3973	0.5418	0.5365
8.70	0.4139	0.4538	0.4139	0.4538	0.5418	0.5370
10.71	[illegible]	0.5038	0.4611	0.5100	0.5411	0.5375
12.69	0.5004	0.5445	0.4996	0.5506	0.5413	0.5380
14.71	0.5534	0.5990	0.5522	0.6054	0.5415	0.5386
16.70	0.5848	0.6309	0.5832	0.6373	0.5417	0.5391
18.70	[illegible]	0.6755	[illegible]	0.6821	0.5419	0.5396
20.69	0.6594	0.7052	0.6569	0.7117	0.5421	0.5401
23.20	0.7048	0.7495	0.7014	0.7558	0.5426	0.5407
25.70	0.7420	0.7853	0.7377	0.7912	0.5431	[illegible]
28.19	0.7782	0.8195	0.7732	0.8252	0.5436	[illegible]
30.70	0.8127	0.8517	0.8069	0.8571	0.5441	[illegible]
33.21	0.8415	0.8782	0.8350	0.8834	0.5446	[illegible]
35.69	[illegible]	0.9120	0.8716	0.9171	0.5451	[illegible]
38.19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40.69	[illegible]	[illegible]	[illegible]	[illegible]	0.5461	[illegible]
45.70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.69	[illegible]	[illegible]	[illegible]	1.0002	[illegible]	[illegible]
55.69	[illegible]	[illegible]	[illegible]	1.0011	[illegible]	[illegible]
60.69	[illegible]	1.0000	[illegible]	1.0000	[illegible]	[illegible]
65.69	0.9736	0.9997	[illegible]	[illegible]	0.5511	0.5511
100.72	0.9777	0.9989	[illegible]	[illegible]	0.5642	[illegible]
110.74	0.9770	[illegible]	[illegible]	0.9743	0.5672	0.5672
120.72	0.9734	0.9952	0.9265	0.9666	0.5704	0.5704
130.73	0.9700	[illegible]	0.9150	0.9563	0.5754	0.5754
140.72	0.9674	0.9981	0.9046	0.9470	[illegible]	[illegible]
150.72	0.9657	0.9885	0.8966	0.9398	0.5841	0.5841
160.72	0.9649	0.9879	0.8925	0.9361	0.5862	0.5862

M (NOMINAL) = 1.3

X= 74 MM T0=297.6 K DEL.995= 58.9 MM
RE/M= 9.88*10^6 (MEASURED P) ME=0.9[illegible] (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	[illegible]	[illegible]
0.69	0.2412	0.2692	0.2412	0.2692	[illegible]	[illegible]
0.89	0.2403	0.2687	0.2403	[illegible]	[illegible]	[illegible]
1.09	0.2294	0.2563	0.2294	0.2563	[illegible]	[illegible]
1.29	0.2322	0.2593	0.2322	[illegible]	[illegible]	[illegible]
1.49	0.2611	0.2912	0.2611	[illegible]	[illegible]	[illegible]
1.69	0.2434	0.2717	0.2434	0.2717	[illegible]	[illegible]
2.20	0.2446	0.2738	0.2446	[illegible]	[illegible]	[illegible]
2.69	0.2798	0.3118	0.2798	[illegible]	[illegible]	0.5404
3.20	0.2871	0.3197	0.2871	[illegible]	[illegible]	[illegible]
3.72	0.2967	[illegible]	0.2967	[illegible]	[illegible]	[illegible]
4.70	[illegible]	0.3516	[illegible]	[illegible]	[illegible]	0.5406
5.69	[illegible]	0.3746	[illegible]	[illegible]	[illegible]	0.5410
6.73	[illegible]	0.3915	[illegible]	[illegible]	0.5463	[illegible]
8.69	0.4077	0.4504	0.4077	0.4504	[illegible]	[illegible]
10.69	0.4476	0.4928	0.4476	0.4926	0.5463	0.5420
12.70	0.4820	0.5290	0.4820	0.5290	[illegible]	0.5424
14.70	0.5272	0.5762	0.5272	0.5762	0.5463	[illegible]
16.70	0.5661	0.6162	0.5661	0.6162	0.5463	0.5431
18.69	0.6066	0.6573	0.6066	0.6573	0.5463	[illegible]
20.70	0.6441	0.6949	0.6441	0.6949	[illegible]	[illegible]
23.19	0.6931	0.7433	0.6931	0.7433	[illegible]	0.5444
25.69	0.7243	0.7736	[illegible]	[illegible]	[illegible]	[illegible]
28.20	[illegible]	0.8081	[illegible]	0.8081	[illegible]	[illegible]
30.69	[illegible]	0.8425	[illegible]	[illegible]	0.5464	[illegible]
33.19	[illegible]	0.8750	[illegible]	[illegible]	0.5469	[illegible]
35.72	[illegible]	[illegible]	0.8591	[illegible]	[illegible]	[illegible]
38.19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40.69	[illegible]	[illegible]	[illegible]	[illegible]	0.5484	[illegible]
45.69	[illegible]	[illegible]	[illegible]	[illegible]	0.5494	[illegible]
50.70	[illegible]	0.9967	[illegible]	[illegible]	0.5504	[illegible]
55.71	[illegible]	0.9993	[illegible]	1.0001	[illegible]	[illegible]
60.70	[illegible]	1.0000	[illegible]	1.0000	0.5514	0.5514
65.69	0.9711	1.0001	[illegible]	[illegible]	0.5524	0.5524
100.72	0.9715	1.0004	[illegible]	[illegible]	[illegible]	[illegible]
110.72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
120.73	[illegible]	[illegible]	[illegible]	[illegible]	0.5685	0.5685
130.72	[illegible]	0.9924	[illegible]	0.9640	0.5714	0.5714
140.72	0.9680	0.9985	0.9165	0.9598	[illegible]	[illegible]
150.73	[illegible]	[illegible]	[illegible]	0.9531	0.5764	0.5764
160.73	[illegible]	0.9876	[illegible]	0.9489	0.5784	0.5794

M (NOMINAL) = 1.3

X= 125 MM   T0=297.5 K   DEL 995= 52.0 MM
RE/M= 9.81*10^6 (MEASURED P)   ME=0.955 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5560	0.5545
0.69	0.2775	0.3136	0.2775	0.3136	0.5560	0.5545
0.91	0.2737	0.3093	0.2737	0.3093	0.5560	0.5545
1.09	0.2669	0.3018	0.2669	0.3018	0.5560	0.5545
1.29	0.2587	0.2926	0.2587	0.2926	0.5560	0.5545
1.49	0.2813	0.3178	0.2813	0.3178	0.5560	0.5545
1.69	0.3088	0.3482	0.3088	0.3482	0.5560	0.5545
2.19	0.3039	0.3429	0.3039	0.3429	0.5560	0.5546
2.69	0.3119	0.3517	0.3119	0.3517	0.5560	0.5546
3.19	0.3346	0.3768	0.3346	0.3768	0.5560	0.5546
3.72	0.3341	0.3762	0.3341	0.3762	0.5560	0.5546
4.69	0.3335	0.3756	0.3335	0.3756	0.5560	0.5546
5.69	0.3566	0.4018	0.3566	0.4018	0.5560	0.5547
6.69	0.3759	0.4221	0.3759	0.4221	0.5560	0.5547
8.69	0.3979	0.4460	0.3979	0.4460	0.5560	0.5547
10.69	0.4374	0.4888	0.4374	0.4888	0.5560	0.5548
14.72	0.4996	0.5551	0.4996	0.5551	0.5560	0.5549
16.70	0.5328	0.5901	0.5328	0.5901	0.5560	0.5549
18.70	0.5744	0.6335	0.5744	0.6335	0.5560	0.5550
20.69	0.6122	0.6724	0.6122	0.6724	0.5560	0.5551
23.19	0.6547	0.7154	0.6547	0.7154	0.5560	0.5551
25.71	0.6935	0.7542	0.6935	0.7542	0.5560	0.5552
28.19	0.7313	0.7915	0.7313	0.7915	0.5560	0.5553
30.69	0.7786	0.8295	0.7786	0.8295	0.5560	0.5553
33.21	0.7997	0.8574	0.7997	0.8574	0.5560	0.5554
35.69	0.8301	0.8861	0.8301	0.8861	0.5560	0.5555
38.21	0.8641	0.9177	0.8641	0.9177	0.5560	0.5555
40.69	0.8871	0.9389	0.8871	0.9389	0.5560	0.5556
45.69	0.9296	0.9774	0.9296	0.9774	0.5560	0.5557
50.70	0.9484	0.9942	0.9484	0.9942	0.5560	0.5559
55.70	0.9548	0.9998	0.9548	0.9998	0.5560	0.5560
60.69	0.9550	1.0000	0.9549	1.0000	0.5561	0.5561
65.70	0.9552	1.0002	0.9543	0.9995	0.5566	0.5566
100.72	0.9546	0.9997	0.9481	0.9940	0.5601	0.5601
110.72	0.9540	0.9991	0.9460	0.9921	0.5611	0.5611
120.72	0.9511	0.9965	0.9413	0.9879	0.5621	0.5621
130.72	0.9474	0.9932	0.9345	0.9818	0.5641	0.5641
140.72	0.9448	0.9909	0.9282	0.9780	0.5651	0.5651
150.73	0.9422	0.9886	0.9244	0.9728	0.5671	0.5671
160.72	0.9406	0.9872	0.9195	0.9684	0.5691	0.5691

M (NOMINAL) = 1.3

X= 174 MM   T0=297.4 K   DEL 995= 52.6 MM
RE/M= 9.86*10^6 (MEASURED P)   ME=0.344 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5627	0.5627
0.69	0.2887	0.3292	0.2887	0.3292	0.5627	0.5627
0.90	0.2937	0.3348	0.2937	0.3348	0.5627	0.5627
1.09	0.2920	0.3329	0.2920	0.3329	0.5627	0.5627
1.29	0.2982	0.3399	0.2982	0.3399	0.5627	0.5627
1.69	0.3142	0.3577	0.3142	0.3577	0.5627	0.5627
2.20	0.3250	0.3698	0.3250	0.3698	0.5627	0.5627
2.70	0.3340	0.3798	0.3340	0.3798	0.5627	0.5627
3.18	0.3433	0.3902	0.3433	0.3902	0.5627	0.5627
3.69	0.3449	0.3920	0.3449	0.3920	0.5627	0.5627
4.69	0.3504	0.3981	0.3504	0.3981	0.5627	0.5627
5.69	0.3549	0.4031	0.3549	0.4031	0.5627	0.5627
6.69	0.3701	0.4199	0.3701	0.4199	0.5627	0.5627
8.71	0.3999	0.4526	0.3999	0.4526	0.5627	0.5627
10.70	0.4381	0.4944	0.4381	0.4944	0.5627	0.5627
12.70	0.4663	0.5249	0.4663	0.5249	0.5627	0.5627
14.70	0.4899	0.5503	0.4899	0.5503	0.5627	0.5627
16.69	0.5318	0.5941	0.5318	0.5941	0.5627	0.5627
18.69	0.5685	0.6252	0.5685	0.6252	0.5627	0.5627
20.69	0.5956	0.6617	0.5956	0.6617	0.5627	0.5627
25.69	0.6751	0.7431	0.6751	0.7431	0.5627	0.5627
30.69	0.7485	0.8161	0.7485	0.8161	0.5627	0.5627
35.70	0.8124	0.8700	0.8124	0.8700	0.5627	0.5627
40.70	0.8713	0.9335	0.8713	0.9335	0.5627	0.5627
45.72	0.9143	0.9731	0.9143	0.9731	0.5627	0.5627
50.70	0.9359	0.9927	0.9359	0.9927	0.5627	0.5627
55.69	0.9432	0.9992	0.9432	0.9992	0.5627	0.5627
60.72	0.9440	1.0000	0.9440	1.0000	0.5627	0.5627
70.72	0.9448	1.0007	0.9448	1.0007	0.5627	0.5627
100.72	0.9439	0.9999	0.9439	0.9999	0.5627	0.5627
110.75	0.9421	0.9983	0.9421	0.9983	0.5627	0.5627
120.72	0.9397	0.9961	0.9397	0.9961	0.5627	0.5627
130.72	0.9349	0.9918	0.9346	0.9917	0.5628	0.5628
140.73	0.9332	0.9903	0.9314	0.9886	0.5638	0.5638
150.73	0.9314	0.9886	0.9264	0.9841	0.5658	0.5658
160.75	0.9303	0.9877	0.9238	0.9817	0.5666	0.5666

M (NOMINAL) = 1.3

X= 221 MM   T0=296.8 K   DEL 995= 52.9 MM
RE/M= 9.86*10^6 (MEASURED P)   ME=0.338 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5666	0.5666
0.69	0.3124	0.3577	0.3124	0.3577	0.5666	0.5666
0.91	0.3183	0.3553	0.3183	0.3553	0.5666	0.5666
1.09	0.3132	0.3586	0.3132	0.3586	0.5666	0.5666
1.30	0.3243	0.3710	0.3243	0.3710	0.5666	0.5666
1.69	0.3456	0.3949	0.3456	0.3949	0.5666	0.5666
2.19	0.3435	0.3925	0.3435	0.3925	0.5666	0.5666
2.69	0.3456	0.3949	0.3456	0.3949	0.5666	0.5666
3.19	0.3611	0.4122	0.3611	0.4122	0.5666	0.5666
3.69	0.3684	0.4203	0.3684	0.4203	0.5666	0.5666
4.70	0.3786	0.4227	0.3786	0.4227	0.5666	0.5666
5.71	0.3874	0.4413	0.3874	0.4413	0.5666	0.5666
6.69	0.3931	0.4476	0.3931	0.4476	0.5666	0.5666
8.70	0.4198	0.4769	0.4196	0.4769	0.5666	0.5666
10.69	0.4418	0.5011	0.4418	0.5011	0.5666	0.5666
12.69	0.4668	0.5283	0.4668	0.5283	0.5666	0.5666
14.70	0.5027	0.5666	0.5023	0.5666	0.5666	0.5666
16.71	0.5283	0.5944	0.5283	0.5944	0.5666	0.5666
18.71	0.5655	0.6338	0.5655	0.6338	0.5666	0.5666
20.70	0.5982	0.6597	0.5982	0.6597	0.5666	0.5666
25.71	0.6668	0.7388	0.6668	0.7388	0.5666	0.5666
30.71	0.7396	0.8118	0.7396	0.8118	0.5666	0.5666
35.70	0.8054	0.8760	0.8054	0.8760	0.5666	0.5666
40.71	0.8625	0.9383	0.8625	0.9383	0.5666	0.5666
45.70	0.9055	0.9703	0.9055	0.9703	0.5666	0.5666
50.69	0.9294	0.9922	0.9294	0.9922	0.5666	0.5666
55.69	0.9376	0.9997	0.9376	0.9997	0.5666	0.5666
60.70	0.9388	1.0000	0.9388	1.0000	0.5666	0.5666
70.69	0.9386	1.0005	0.9386	1.0005	0.5666	0.5666
100.72	0.9386	1.0005	0.9386	1.0005	0.5666	0.5666
110.72	0.9367	0.9988	0.9367	0.9988	0.5666	0.5666
120.7[illegible]	0.9321	0.9946	0.9321	0.9946	0.5666	0.5666
130.74	0.9295	0.9922	0.9295	0.9922	0.5666	0.5666
140.74	0.9275	0.9904	0.9275	0.9904	0.5666	0.5666
150.7[illegible]	0.9258	0.9889	0.9256	0.9885	0.5666	0.5666
160.7[illegible]	0.9235	0.9866	0.9235	0.9866	0.5666	0.5666

M (NOMINAL) = 1.3

X= 272 MM   T0=297.8 K   DEL 995= 55.0 MM
RE/M= 9.82*10^6 (MEASURED P)   ME=0.334 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5692	0.5692
0.69	0.3239	0.3720	0.3239	0.3720	0.5692	0.5692
0.89	0.3248	0.3730	0.3248	0.3730	0.5692	0.5692
1.09	0.3353	0.3848	0.3353	0.3848	0.5692	0.5692
1.29	0.3414	0.3916	0.3414	0.3916	0.5692	0.5692
1.70	0.3556	0.4075	0.3556	0.4075	0.5692	0.5692
2.21	0.3616	0.4141	0.3616	0.4141	0.5692	0.5692
2.69	0.3766	0.4309	0.3766	0.4309	0.5692	0.5692
3.19	0.3840	0.4391	0.3840	0.4391	0.5692	0.5692
3.69	0.3814	0.4363	0.3814	0.4363	0.5692	0.5692
4.69	0.3945	0.4508	0.3945	0.4508	0.5692	0.5692
5.71	0.4056	0.4631	0.4056	0.4631	0.5692	0.5692
6.69	0.4214	0.4805	0.4214	0.4805	0.5692	0.5692
8.69	0.4442	0.5055	0.4442	0.5055	0.5692	0.5692
10.70	0.4637	0.5269	0.4637	0.5269	0.5692	0.5692
12.72	0.4818	0.5464	0.4818	0.5464	0.5692	0.5692
14.72	0.5040	0.5705	0.5040	0.5705	0.5692	0.5692
16.70	0.5367	0.6055	0.5367	0.6065	0.5692	0.5692
18.95	0.5684	0.6392	0.5684	0.6392	0.5692	0.5692
20.70	0.5896	0.6615	0.5896	0.6615	0.5692	0.5692
25.73	0.6632	0.7378	0.6632	0.7378	0.5692	0.5692
30.69	0.7325	0.8077	0.7325	0.8077	0.5692	0.5692
35.69	0.8010	0.8750	0.8010	0.8750	0.5692	0.5692
40.70	0.8553	0.9269	0.8553	0.9269	0.5692	0.5692
45.69	0.8900	0.9669	0.8986	0.9669	0.5692	0.5692
50.70	0.9238	0.9987	0.9238	0.9987	0.5692	0.5692
55.70	0.9325	0.9986	0.9325	0.9986	0.5692	0.5692
60.70	0.9340	1.0000	0.9346	1.0000	0.5692	0.5692
70.72	0.9345	1.0004	0.9345	1.0004	0.5692	0.5692
80.70	0.9348	1.0008	0.9348	1.0008	0.5692	0.5692
100.72	0.9332	0.9992	0.9332	0.9992	0.5692	0.5692
110.7[illegible]	0.9312	0.9974	0.9312	0.9974	0.5692	0.5692
120.73	0.9298	0.9962	0.9298	0.9962	0.5692	0.5692
130.72	0.9245	0.9913	0.9245	0.9913	0.5692	0.5692
140.73	0.9224	0.9894	0.9224	0.9894	0.5692	0.5692
150.73	0.9220	0.9891	0.9220	0.9891	0.5692	0.5692
160.73	0.9197	0.9869	0.9197	0.9869	0.5692	0.5692
1[illegible]0.7[illegible]	0.9148	0.9861	0.9186	0.9861	0.5692	0.5692

M (NOMINAL) = 1.3

X= 321 MM T0=296.9 K DEL 995= 55.4 MM
RE/M= 9.80*10 6 (MEASURED P) ME=0.911 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5714	0.5714
0.69	0.3400	0.3920	0.3400	0.3920	0.5714	0.5714
0.89	0.3360	0.3866	0.3360	0.3866	0.5714	0.5714
1.09	0.3420	0.3933	0.3420	0.3933	0.5714	0.5714
1.29	0.3545	0.4074	0.3545	0.4074	0.5714	0.5714
1.69	0.3625	0.4164	0.3625	0.4164	0.5714	0.5714
2.19	0.3858	0.4423	0.3858	0.4423	0.5714	0.5714
2.69	0.3981	0.4560	0.3981	0.4560	0.5714	0.5714
3.19	0.3975	0.4554	0.3975	0.4554	0.5714	0.5714
3.69	0.4012	0.4594	0.4012	0.4594	0.5714	0.5714
4.69	0.4119	0.4713	0.4119	0.4713	0.5714	0.5714
5.69	0.4259	0.4868	0.4259	0.4868	0.5714	0.5714
6.75	0.4342	0.4959	0.4342	0.4959	0.5714	0.5714
8.72	0.4527	0.5163	0.4527	0.5163	0.5714	0.5714
10.69	0.4716	0.5369	0.4716	0.5369	0.5714	0.5714
12.69	0.4944	0.5616	0.4944	0.5616	0.5714	0.5714
14.71	0.5151	0.5840	0.5151	0.5840	0.5714	0.5714
16.77	0.5410	0.6118	0.5410	0.6118	0.5714	0.5714
18.69	0.5709	0.6436	0.5709	0.6436	0.5714	0.5714
20.69	0.5902	0.6639	0.5902	0.6639	0.5714	0.5714
25.75	0.6625	0.7390	0.6625	0.7390	0.5714	0.5714
30.69	0.7291	0.8065	0.7291	0.8065	0.5714	0.5714
35.73	0.7912	0.8678	0.7912	0.8678	0.5714	0.5714
40.69	0.8485	0.9230	0.8485	0.9230	0.5714	0.5714
45.69	0.8912	0.9637	0.8912	0.9637	0.5714	0.5714
50.69	0.9181	0.9881	0.9181	0.9881	0.5714	0.5714
55.69	0.9285	0.9975	0.9285	0.9975	0.5714	0.5714
60.69	0.9315	1.0004	0.9315	1.0004	0.5714	0.5714
70.70	0.9310	1.0000	0.9310	1.0000	0.5714	0.5714
80.69	0.9306	0.9997	0.9306	0.9997	0.5714	0.5714
100.72	0.9293	0.9985	0.9293	0.9985	0.5714	0.5714
110.72	0.9280	0.9977	0.9280	0.9977	0.5714	0.5714
120.72	0.9241	0.9968	0.9241	0.9968	0.5714	0.5714
130.72	0.9203	0.9942	0.9203	0.9942	0.5714	0.5714
140.72	0.9200	0.9899	0.9200	0.9899	0.5714	0.5714
150.72	0.9185	0.9885	0.9185	0.9885	0.5714	0.5714
160.72	0.9168	0.9870	0.9168	0.9870	0.5714	0.5714
170.73	0.9129	0.9854	0.9129	0.9854	0.5714	0.5714
180.72	0.9145	0.9849	0.9145	0.9849	0.5714	0.5714

M (NOMINAL) = 1.3

X= 368 MM T0=296.7 K DEL 995= 55.6 MM
RE/M= 9.81*10 6 (MEASURED P) ME=0.925 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.06	0.0000	0.0000	0.0000	0.0000	0.5731	0.5731
0.69	0.3515	0.4051	0.3515	0.4051	0.5731	0.5731
0.92	0.3494	0.4027	0.3494	0.4027	0.5731	0.5731
1.09	0.3559	0.4100	0.3559	0.4100	0.5731	0.5731
1.32	0.3718	0.4279	0.3718	0.4279	0.5731	0.5731
1.69	0.3845	0.4421	0.3845	0.4421	0.5731	0.5731
2.20	0.4023	0.4619	0.4023	0.4619	0.5731	0.5731
2.69	0.4039	0.4637	0.4039	0.4637	0.5731	0.5731
3.19	0.4137	0.4746	0.4137	0.4746	0.5731	0.5731
3.69	0.4211	0.4828	0.4211	0.4828	0.5731	0.5731
4.69	0.4338	0.4969	0.4338	0.4969	0.5731	0.5731
5.69	0.4450	0.5092	0.4450	0.5092	0.5731	0.5731
6.69	0.4485	0.5130	0.4485	0.5130	0.5731	0.5731
8.69	0.4650	0.5312	0.4650	0.5312	0.5731	0.5731
10.69	0.4855	0.5536	0.4855	0.5536	0.5731	0.5731
12.71	0.5061	0.5759	0.5061	0.5759	0.5731	0.5731
14.69	0.5241	0.5954	0.5241	0.5954	0.5731	0.5731
16.70	0.5488	0.6218	0.5488	0.6218	0.5731	0.5731
18.72	0.5727	0.6472	0.5727	0.6472	0.5731	0.5731
20.80	0.5979	0.6739	0.5979	0.6739	0.5731	0.5731
25.69	0.6618	0.7403	0.6618	0.7403	0.5731	0.5731
30.72	0.7203	0.7999	0.7203	0.7999	0.5731	0.5731
35.70	0.7856	0.8647	0.7856	0.8647	0.5731	0.5731
40.70	0.8418	0.9191	0.8418	0.9191	0.5731	0.5731
45.73	0.8866	0.9616	0.8866	0.9616	0.5731	0.5731
50.70	0.9124	0.9856	0.9124	0.9856	0.5731	0.5731
55.71	0.9244	0.9967	0.9244	0.9967	0.5731	0.5731
60.69	0.9280	1.0000	0.9280	1.0000	0.5731	0.5731
70.70	0.9281	1.0001	0.9281	1.0001	0.5731	0.5731
80.69	0.9272	0.9992	0.9272	0.9992	0.5731	0.5731
90.70	0.9275	0.9996	0.9275	0.9996	0.5731	0.5731
100.72	0.9261	0.9982	0.9261	0.9982	0.5731	0.5731
110.72	0.9254	0.9976	0.9254	0.9976	0.5731	0.5731
120.83	0.9221	0.9945	0.9221	0.9945	0.5731	0.5731
130.75	0.9181	0.9909	0.9181	0.9909	0.5731	0.5731
140.72	0.9170	0.9899	0.9170	0.9899	0.5731	0.5731
150.73	0.9138	0.9869	0.9138	0.9869	0.5731	0.5731
160.72	0.9133	0.9865	0.9133	0.9865	0.5731	0.5731
170.72	0.9129	0.9860	0.9129	0.9860	0.5731	0.5731
180.72	0.9110	0.9843	0.9110	0.9843	0.5731	0.5731
190.72	0.9114	0.9847	0.9114	0.9847	0.5731	0.5731

M (NOMINAL) = 1.3

X= 466 MM T0=296.4 K DEL 995= 57.2 MM
RE/M= 9.79*10 6 (MEASURED P) ME=0.922 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5770	0.5770
0.69	0.3651	0.4227	0.3651	0.4227	0.5770	0.5770
0.89	0.3684	0.4265	0.3684	0.4265	0.5770	0.5770
1.09	0.3755	0.4345	0.3755	0.4345	0.5770	0.5770
1.29	0.3841	0.4441	0.3841	0.4441	0.5770	0.5770
1.70	0.4090	0.4720	0.4090	0.4720	0.5770	0.5770
2.70	0.4285	0.4937	0.4285	0.4937	0.5770	0.5770
3.20	0.4376	0.5038	0.4376	0.5038	0.5770	0.5770
3.71	0.4415	0.5082	0.4415	0.5082	0.5770	0.5770
4.70	0.4572	0.5255	0.4572	0.5255	0.5770	0.5770
5.74	0.4583	0.5267	0.4583	0.5267	0.5770	0.5770
6.69	0.4672	0.5365	0.4672	0.5365	0.5770	0.5770
8.70	0.4938	0.5657	0.4938	0.5657	0.5770	0.5770
10.69	0.5012	0.5738	0.5012	0.5738	0.5770	0.5770
12.69	0.5225	0.5969	0.5225	0.5969	0.5770	0.5770
14.69	0.5430	0.6190	0.5430	0.6190	0.5770	0.5770
16.69	0.5612	0.6386	0.5612	0.6386	0.5770	0.5770
18.69	0.5780	0.6565	0.5780	0.6565	0.5770	0.5770
20.69	0.6045	0.6847	0.6045	0.6847	0.5770	0.5770
25.73	0.6589	0.7414	0.6589	0.7414	0.5770	0.5770
30.69	0.7137	0.7977	0.7137	0.7977	0.5770	0.5770
35.69	0.7735	0.8576	0.7735	0.8576	0.5770	0.5770
40.69	0.8269	0.9099	0.8269	0.9099	0.5770	0.5770
45.69	0.8724	0.9535	0.8724	0.9535	0.5770	0.5770
50.69	0.9026	0.9820	0.9026	0.9820	0.5770	0.5770
55.69	0.9163	0.9947	0.9163	0.9947	0.5770	0.5770
60.70	0.9216	0.9997	0.9216	0.9997	0.5770	0.5770
70.73	0.9220	1.0000	0.9220	1.0000	0.5770	0.5770
80.70	0.9221	1.0001	0.9221	1.0001	0.5770	0.5770
90.69	0.9216	0.9997	0.9216	0.9997	0.5770	0.5770
100.72	0.9219	0.9999	0.9219	0.9999	0.5770	0.5770
110.72	0.9204	0.9985	0.9204	0.9985	0.5770	0.5770
120.72	0.9170	0.9954	0.9170	0.9954	0.5770	0.5770
130.72	0.9124	0.9911	0.9124	0.9911	0.5770	0.5770
140.72	0.9100	0.9889	0.9100	0.9889	0.5770	0.5770
150.72	0.9087	0.9877	0.9087	0.9877	0.5770	0.5770
160.73	0.9081	0.9870	0.9081	0.9870	0.5770	0.5770
170.76	0.9067	0.9858	0.9067	0.9856	0.5770	0.5770
180.72	0.9062	0.9853	0.9062	0.9853	0.5770	0.5770
190.72	0.9024	0.9817	0.9024	0.9817	0.5770	0.5770

M (NOMINAL) = 1.3

X= 565 MM T0=296.4 K DEL 995= 60.6 MM
RE/M= [illegible]*10 6 (MEASURED P) ME=0.913 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5798	0.5798
0.69	0.3847	0.4460	0.3847	0.4460	0.5798	0.5798
0.95	0.3812	0.4421	0.3812	0.4421	0.5798	0.5798
1.09	0.3926	0.4549	0.3926	0.4549	0.5798	0.5798
1.29	0.4005	0.4638	0.4005	0.4638	0.5798	0.5798
1.69	0.4219	0.4878	0.4219	0.4876	0.5798	0.5798
2.21	0.4369	0.5044	0.4369	0.5044	0.5798	0.5798
2.70	0.4424	0.5106	0.4424	0.5106	0.5798	0.5798
3.19	0.4525	0.5218	0.4525	0.5218	0.5798	0.5798
3.69	0.4550	0.5245	0.4550	0.5245	0.5798	0.5798
4.70	0.4712	0.5424	0.4712	0.5424	0.5798	0.5798
5.72	0.4890	0.5620	0.4890	0.5620	0.5798	0.5798
6.69	0.4876	0.5605	0.4876	0.5605	0.5798	0.5798
8.69	0.5070	0.5817	0.5070	0.5817	0.5798	0.5798
10.69	0.5247	0.6009	0.5247	0.6009	0.5798	0.5798
12.82	0.5371	0.6144	0.5371	0.6144	0.5798	0.5798
14.70	0.5547	0.6334	0.5547	0.6334	0.5798	0.5798
16.70	0.5722	0.6521	0.5722	0.6521	0.5798	0.5798
18.70	0.5925	0.6738	0.5925	0.6738	0.5798	0.5798
20.69	0.6095	0.6916	0.6095	0.6918	0.5798	0.5798
25.69	0.6617	0.7464	0.6617	0.7464	0.5798	0.5798
30.71	0.7112	0.7973	0.7112	0.7973	0.5798	0.5798
35.70	0.7643	0.8509	0.7643	0.8509	0.5798	0.5798
40.71	0.8141	0.8999	0.8141	0.8999	0.5798	0.5798
45.69	0.8567	0.9411	0.8567	0.9411	0.5798	0.5798
50.69	0.8933	0.9759	0.8933	0.9759	0.5798	0.5798
55.69	0.9094	0.9911	0.9094	0.9911	0.5798	0.5798
60.72	0.9163	0.9975	0.9163	0.9975	0.5798	0.5798
70.69	0.9190	1.0000	0.9190	1.0000	0.5798	0.5798
80.71	0.9174	0.9985	0.9174	0.9985	0.5798	0.5798
90.69	0.9182	0.9992	0.9182	0.9992	0.5798	0.5798
100.72	0.9170	0.9981	0.9170	0.9981	0.5798	0.5798
110.72	0.9136	0.9949	0.9136	0.9949	0.5798	0.5798
120.72	0.9121	0.9936	0.9121	0.9936	0.5798	0.5798
130.74	0.9077	0.9894	0.9077	0.9894	0.5798	0.5798
140.74	0.9061	0.9880	0.9061	0.9880	0.5798	0.5798
150.72	0.9047	0.9866	0.9047	0.9866	0.5798	0.5798
160.75	0.9033	0.9853	0.9033	0.9853	0.5798	0.5798
170.72	0.9025	0.9849	0.9028	0.9849	0.5798	0.5798
180.74	0.9015	0.9837	0.9015	0.9837	0.5798	0.5798
190.72	0.9019	0.9840	0.9019	0.9840	0.5798	0.5798

M (NOMINAL) = 1 3

X= 663 MM   T0=296 7 K   DEL 995= 63 2 MM
RE/M= 9 74*10^6 (MEASURED P)   ME=0 913 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5830	0 5830
0 69	0 3943	0 4594	0 3943	0 4594	0 5830	0 5830
0 89	0 4081	0 4750	0 4081	0 4750	0 5830	0 5830
1 09	0 4124	0 4798	0 4124	0 4798	0 5830	0 5830
1 31	0 4368	0 5071	0 4368	0 5071	0 5830	0 5830
1 69	0 4424	0 5135	0 4424	0 5135	0 5830	0 5830
2 20	0 4544	0 5268	0 4544	0 5268	0 5830	0 5830
2 69	0 4612	0 5344	0 4612	0 5344	0 5830	0 5830
3 22	0 4751	0 5500	0 4751	0 5500	0 5830	0 5830
3 69	0 4806	0 5648	0 4806	0 5648	0 5830	0 5830
4 69	0 4878	0 5639	0 4878	0 5639	0 5830	0 5830
5 69	0 5033	0 5809	0 5033	0 5809	0 5830	0 5830
6 70	0 5111	0 5895	0 5111	0 5895	0 5830	0 5830
8 69	0 5287	0 6087	0 5287	0 6087	0 5830	0 5830
10 71	0 5377	0 6185	0 5377	0 6185	0 5830	0 5830
12 70	0 5553	0 6376	0 5553	0 6376	0 5830	0 5830
14 69	0 5685	0 6519	0 5685	0 6519	0 5830	0 5830
16 72	0 5868	0 6715	0 5868	0 6715	0 5830	0 5830
18 70	0 5993	0 6848	0 5993	0 6846	0 5830	0 5830
20 69	0 6177	0 7044	0 6177	0 7044	0 5830	0 5830
25 69	0 6617	0 7507	0 6617	0 7507	0 5830	0 5830
30 70	0 7096	0 8002	0 7096	0 8002	0 5830	0 5830
35 69	0 7499	0 8412	0 7499	0 8412	0 5830	0 5830
40 69	0 7997	0 8906	0 7997	0 8906	0 5830	0 5830
45 70	0 8474	0 9374	0 8474	0 9374	0 5830	0 5830
50 70	0 8799	0 9687	0 8799	0 9687	0 5830	0 5830
55 69	0 9005	0 9882	0 9005	0 9882	0 5830	0 5830
60 69	0 9071	0 9944	0 9071	0 9944	0 5830	0 5830
70 69	0 9140	1 0009	0 9140	1 0009	0 5830	0 5830
80 69	0 9099	0 9971	0 9099	0 9971	0 5830	0 5830
100 67	0 9135	1 0004	0 9135	1 0004	0 5830	0 5830
105 25	0 9130	1 0000	0 9130	1 0000	0 5830	0 5830
110 74	0 9085	0 9958	0 9085	0 9958	0 5830	0 5830
120 72	0 9056	0 9930	0 9056	0 9930	0 5830	0 5830
130 72	0 9043	0 9918	0 9043	0 9918	0 5830	0 5830
140 72	0 8998	0 9875	0 8998	0 9875	0 5830	0 5830
150 7?	0 9005	0 9882	0 9005	[illegible]	0 5830	0 5830
160 72	0 8967	0 9847	0 8967	0 9847	0 5830	0 5830
170 72	0 8985	0 9863	0 8985	0 9863	0 5830	0 5830
180 72	0 8968	0 9848	0 8968	0 9848	0 5830	0 5830
190 72	0 8935	0 9816	0 8935	0 9816	0 5830	0 5830
200 70	0 8978	0 9857	0 8978	0 9857	0 5830	0 5830

M (NOMINAL) = 1 3

X= 761 MM   T0=296 8 K   DEL 995= 63 2 MM
RE/M= 9 73*10^6 (MEASURED P)   ME=0 907 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5870	0 5870
0 69	0 3941	0 4618	0 3941	0 4618	0 5870	0 5870
0 90	0 4150	0 4855	0 4150	0 4855	0 5870	0 5870
1 09	0 4249	0 4967	0 4249	0 4967	0 5870	0 5870
1 30	0 4345	0 5074	0 4345	0 5074	0 5870	0 5870
1 70	0 4517	0 5266	0 4517	0 5266	0 5870	0 5870
2 19	0 4657	0 5425	0 4657	0 5425	0 5870	0 5870
2 70	0 4734	0 5510	0 4734	0 5510	0 5870	0 5870
3 30	0 4787	0 5569	0 4787	0 5569	0 5870	0 5870
3 74	0 4879	0 5671	0 4879	0 5671	0 5870	0 5870
4 71	0 5034	0 5843	0 5034	0 5843	0 5870	0 5870
5 70	0 5121	0 5939	0 5121	0 5939	0 5870	0 5870
6 75	0 5161	0 5981	0 5161	0 5981	0 5870	0 5870
8 69	0 5349	0 6130	0 5349	0 6190	0 5870	0 5870
10 69	0 5519	0 6375	0 5519	0 6375	0 5870	0 5870
12 70	0 5639	0 6505	0 5639	0 6505	0 5870	0 5870
14 69	0 5747	0 6622	0 5747	0 6622	0 5870	0 5870
16 70	0 5933	0 6822	0 5933	0 6822	0 5870	0 5870
18 71	0 6096	0 6997	0 6096	0 6997	0 5870	0 5870
20 70	0 6183	0 7090	0 6183	0 7090	0 5870	0 5870
25 70	0 6634	0 7567	0 6634	0 7567	0 5870	0 5870
30 70	0 6981	0 7929	0 6981	0 7929	0 5870	0 5870
35 71	0 7456	0 8415	0 7456	0 8415	0 5870	0 5870
40 69	0 7914	0 8876	0 7914	0 8876	0 5870	0 5870
45 69	0 8276	0 9235	0 8276	0 9235	0 5870	0 5870
50 70	0 8650	0 9598	0 8650	0 9598	0 5870	0 5870
55 71	0 8863	0 9803	0 8863	0 9803	0 5870	0 5870
60 70	0 8989	0 9923	0 8989	0 9923	0 5870	0 5870
70 72	0 9065	0 9996	0 9065	0 9996	0 5870	0 5870
80 69	0 9070	1 0000	0 9070	1 0006	0 5870	0 5870
90 69	0 9072	1 0002	0 9072	1 0002	0 5870	0 5870
100 72	0 9033	0 9965	0 9033	0 9965	0 5870	0 5870
110 72	0 9042	0 9973	0 9042	0 9973	0 5870	0 5870
120 73	0 9002	0 9935	0 9002	0 9935	0 5870	0 5870
130 73	0 8960	0 9896	0 8960	0 9896	0 5870	0 5870
140 72	0 8951	0 9887	0 8951	0 9887	0 5870	0 5870
150 73	0 8944	0 9880	0 8944	0 9880	0 5870	0 5870
160 73	0 8904	0 9842	0 8904	0 9842	0 5870	0 5870
170 75	0 8915	0 9853	0 8915	0 9853	0 5870	0 5870
180 72	0 8908	0 9846	0 8908	0 9846	0 5870	0 5870
190 72	0 8911	0 9849	0 8911	0 9849	0 5870	0 5870

M (NOMINAL) = 1 3

X= 861 MM   T0=296 8 K   DEL 995= 68 1 MM
RE/M= 9 73*10^6 (MEASURED P)   ME=0 902 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5907	0 5907
0 69	0 4002	0 4709	0 4002	0 4709	0 5907	0 5907
0 91	0 4079	0 4797	0 4079	0 4797	0 5907	0 5907
1 09	0 4078	0 4796	0 4078	0 4796	0 5907	0 5907
1 29	0 4250	0 4992	0 4250	0 4992	0 5907	0 5907
1 70	0 4461	0 5238	0 4461	0 5238	0 5907	0 5907
1 91	0 4561	0 5343	0 4561	0 5343	0 5907	0 5907
2 09	0 4621	0 5418	0 4621	0 5418	0 5907	0 5907
2 29	0 4649	0 5441	0 4649	0 5441	0 5907	0 5907
2 50	0 4745	0 5549	0 4745	0 5549	0 5907	0 5907
2 69	0 4775	0 5583	0 4775	0 5563	0 5907	0 5907
3 20	0 4828	0 5633	0 4829	0 5633	0 5907	0 5907
3 69	0 4918	0 5742	0 4918	0 5742	0 5907	0 5907
4 72	0 5094	0 5917	0 5094	0 5917	0 5907	0 5907
5 69	0 5166	0 6017	0 5166	0 6017	0 5907	0 5907
6 70	0 5264	0 6125	0 5264	0 6125	0 5907	0 5907
7 69	0 5401	0 6276	0 5401	0 6276	0 5907	0 5907
10 69	0 5514	0 6400	0 5514	0 6400	0 5907	0 5907
12 69	0 5657	0 6556	0 5657	0 6556	0 5907	0 5907
14 70	0 5760	0 6668	0 5760	0 6668	0 5907	0 5907
16 69	0 5972	0 6898	0 5972	0 6898	0 5907	0 5907
18 70	0 6052	0 6984	0 6052	0 6984	0 5907	0 5907
20 69	0 6228	0 7173	0 6228	0 7173	0 5907	0 5907
25 70	0 6584	0 7550	0 6584	0 7550	0 5907	0 5907
30 69	0 6975	0 7968	0 6975	0 7968	0 5907	0 5907
35 69	0 7380	0 8378	0 7380	0 8378	0 5907	0 5907
40 69	0 7758	0 8762	0 7758	0 8762	0 5907	0 5907
45 70	0 8157	0 9160	0 8157	0 9160	0 5907	0 5907
50 71	0 8478	0 9477	0 8478	0 9477	0 5907	0 5907
55 69	0 8728	0 9719	0 8728	0 9719	0 5907	0 5907
60 69	0 8886	0 9871	0 8886	0 9871	0 5907	0 5907
70 69	0 8986	0 9967	0 8986	0 9967	0 5907	0 5907
80 69	0 8996	0 9979	0 8998	0 9979	0 5907	0 5907
90 70	0 9029	1 0000	0 9029	1 0000	0 5907	0 5907
100 6?	0 9016	0 9996	0 9016	0 9996	0 5907	0 5907
110 72	0 8995	0 9976	0 8995	0 9976	0 5907	0 5907
120 72	0 8939	0 9922	0 8939	0 9922	0 5907	0 5907
130 72	0 8904	0 9889	0 8904	0 9889	0 5907	0 5907
140 72	0 8898	0 9884	0 8896	0 9884	0 5907	0 5907
150 74	0 8861	0 9848	0 8861	0 9848	0 5907	0 5907
160 72	0 8860	0 9847	0 8860	0 9847	0 5907	0 5907
170 72	0 8843	0 9831	0 8843	0 9831	0 5907	0 5907
180 72	0 8841	0 9828	0 8841	0 9828	0 5907	0 5907
190 73	0 8859	0 9846	0 8859	0 9846	0 5907	0 5907
200 65	0 8846	0 9835	0 8846	0 9835	0 5907	0 5907

M (NOMINAL) = 1 3

X= 957 MM   T0=296 1 K   DEL 995= 69 6 MM
RE/M= 9 66*10^6 (MEASURED P)   ME=0 895 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0 00	0 0000	0 0000	0 0000	0 0000	0 5938	0 5938
0 69	0 4071	0 4821	0 4071	0 4821	0 5938	0 5938
0 90	0 4139	0 4896	0 4139	0 4896	0 5938	0 5938
1 09	0 4141	0 4900	0 4141	0 4900	0 5938	0 5938
1 29	0 4309	0 5093	0 4309	0 5093	0 5938	0 5938
1 69	0 4491	0 5299	0 4491	0 5299	0 5938	0 5938
2 69	0 4820	0 5671	0 4820	0 5671	0 5938	0 5938
3 69	0 5019	0 5894	0 5019	0 5894	0 5938	0 5938
4 71	0 5172	0 6069	0 5172	0 6069	0 5938	0 5938
5 71	0 5275	0 6179	0 5275	0 6179	0 5938	0 5938
6 69	0 5361	0 6274	0 5361	0 6274	0 5938	0 5938
8 70	0 5494	0 6421	0 5494	0 6421	0 5938	0 5938
10 70	0 5647	0 6596	0 5647	0 6596	0 5938	0 5938
12 69	0 5639	0 6645	0 5639	0 6645	0 5938	0 5938
14 70	0 5897	0 6858	0 5897	0 6856	0 5938	0 5938
16 70	0 6005	0 7012	0 6005	0 7012	0 5938	0 5938
18 7?	0 6111	0 7096	0 6111	0 7096	0 5938	0 5938
20 74	0 6219	0 7210	0 6218	0 7210	0 5938	0 5938
25 70	0 6583	0 7600	0 6583	0 7600	0 5938	0 5938
30 70	0 6904	0 7929	0 6904	0 7929	0 5938	0 5938
35 70	0 7306	0 8356	0 7306	0 8356	0 5938	0 5938
40 72	0 7628	0 8689	0 7629	0 8689	0 5938	0 5938
45 71	0 8049	0 9114	0 8044	0 9114	0 5938	0 5938
50 75	0 8?31	0 9395	[illegible]	0 9395	0 5938	0 5938
55 69	0 8556	0 9619	0 8556	0 9618	0 5938	0 5938
60 70	0 8783	0 9839	0 8783	0 9839	0 5938	0 5938
70 70	0 8929	0 9900	0 8929	0 9900	0 5938	0 5938
80 71	0 8950	1 0000	0 8950	1 0000	0 5938	0 5938
90 70	0 8945	0 9995	0 8945	0 9995	0 5938	0 5938
100 65	0 8940	0 9990	0 8940	0 9990	0 5938	0 5938
110 7?	0 8926	0 9977	0 8926	0 9977	0 5938	0 5938
120 77	0 8878	0 9931	0 8878	0 9931	0 5938	0 5938
130 7?	0 8842	0 9895	0 8842	0 9895	0 5938	0 5938
140 75	0 8821	0 9875	0 8821	0 9875	0 5938	0 5938
150 81	0 8808	0 9862	0 8808	0 9862	0 5938	0 5938
160 7?	0 8801	0 9856	0 8801	0 9856	0 5938	0 5938
170 7?	0 8802	0 9857	0 8802	0 9857	0 5938	0 5938
180 74	0 8794	0 9849	0 8794	0 9849	0 5938	0 5938
190 7?	0 8781	0 9839	0 8781	0 9839	0 5938	0 5938
200 6?	0 8798	0 9841	0 8798	0 9841	0 5938	0 5938

M (NOMINAL) = 1

X= 1055 MM TW=295.6 K DEL.995= 72.1 MM
RE/M= ?.??×10 6 (MEASURED P) ME=0.891 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5967	0.5967
0.59	0.4159	0.4940	0.4159	0.4940	0.5967	0.5967
0.80	0.4150	0.4930	0.4150	0.4930	[illegible]	0.5967
1.10	0.4286	0.4994	0.4286	0.4994	0.5967	0.5967
[illegible]	0.4366	0.5177	0.4366	0.5177	0.5967	0.5967
[illegible]	0.4567	0.5466	0.4567	0.5466	0.5967	0.5967
[illegible]	0.4882	[illegible]	0.4882	[illegible]	0.5967	0.5967
[illegible]	0.5097	0.6004	0.5097	0.6004	0.5967	0.5967
[illegible]	0.5159	[illegible]	0.5159	[illegible]	0.5967	[illegible]
[illegible]	[illegible]	[illegible]	0.5204?	[illegible]	[illegible]	0.5967
[illegible]	0.5422?	[illegible]	0.5422?	[illegible]	[illegible]	[illegible]
[illegible]	0.5517?	[illegible]	0.5517?	[illegible]	[illegible]	[illegible]
[illegible]	0.5637?	0.6670?	0.5637?	0.6670?	[illegible]	0.5967
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0.5954?	[illegible]	0.5954?	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0.6128	[illegible]	0.6128	0.7151	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0.6330?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	0.7145?	[illegible]	0.7145?	[illegible]	0.5967	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5967	[illegible]
[illegible]	0.7444	0.8444	0.7444	0.8444	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.8495?	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.8686?	[illegible]	[illegible]	[illegible]
[illegible]	0.8864	0.9955?	0.8864	0.9955	[illegible]	[illegible]
[illegible]	0.8910	1.0000	0.8910	1.0000	[illegible]	[illegible]
[illegible]	0.8911	1.0001	0.8911	1.0001	[illegible]	0.5967
[illegible]	0.8914	1.0002?	0.8914	1.0002?	[illegible]	[illegible]
[illegible]	0.8889	[illegible]	0.8889	[illegible]	[illegible]	[illegible]
[illegible]	0.8857	[illegible]	0.8857	[illegible]	0.5967	[illegible]
[illegible]	0.8822	[illegible]	0.8822	0.9914	0.5967	[illegible]
[illegible]	0.8885?	[illegible]	0.8885	[illegible]	[illegible]	[illegible]
[illegible]	0.8806?	[illegible]	0.8806?	[illegible]	[illegible]	0.5967
[illegible]	0.8777	[illegible]	0.8777	[illegible]	[illegible]	[illegible]
[illegible]	0.8753	[illegible]	0.8753	[illegible]	0.5967	0.5967
[illegible]	0.8754	[illegible]	0.8754	0.9846	0.5967	[illegible]
[illegible]	0.8744	[illegible]	0.8744	[illegible]	0.5967	[illegible]
200.65?	0.8752	0.9847	0.8752	0.9847	0.5967	0.5967

M (NOMINAL) = 1

X= 1099 MM TW=292.9 K DEL.995= 73.9 MM
RE/M= 9.87×10 6 (MEASURED P) ME=0.893 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5975	0.5975
0.66	0.4385	0.5098	0.4385	0.5098	0.5975	0.5975
0.96	0.4389	0.5182	0.4389	0.5182	0.5975	0.5975
[illegible]	[illegible]	0.5128	0.4425	0.5128	0.5975	0.5975
[illegible]	0.4468	[illegible]	0.4468	[illegible]	[illegible]	[illegible]
[illegible]	0.4569	[illegible]	0.4569	[illegible]	[illegible]	[illegible]
[illegible]	0.4660	[illegible]	0.4660	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5975
[illegible]	[illegible]	[illegible]	[illegible]	0.5826	[illegible]	[illegible]
[illegible]	[illegible]	0.5965	[illegible]	0.5965	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.5209?	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.6014?	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	0.9914	[illegible]	[illegible]
[illegible]	0.9822?	[illegible]	0.8822?	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151.92?	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
163.92?	0.8768	[illegible]	0.8768	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.8749	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.8751	[illegible]	[illegible]	[illegible]
203.82	[illegible]	[illegible]	0.8751	[illegible]	[illegible]	[illegible]

M (NOMINAL) = 1

X= 1197 MM TW=2??.? K DEL.995= 75.9 MM
RE/M= ?.??×10 6 (MEASURED P) ME=0.89? (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL) = 1

X= 1??? MM TW=29?.? K DEL.995= 7?.? MM
RE/M= ?.??×10 6 (MEASURED P) ME=0.89? (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1.3

X= 1530 MM T0=296.6 K DEL 995= 84.6 MM
RE/M= 9.60*10^6 (MEASURED P) ME=0.875 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.6859	0.6859
0.66	0.4476	0.5386	0.4476	0.5386	0.6859	0.6859
0.86	0.4430	0.5333	0.4430	0.5333	0.6859	0.6859
1.06	0.4547	0.5468	0.4547	0.5468	0.6859	0.6859
1.26	0.4696	0.5640	0.4696	0.5640	0.6859	0.6859
1.46	0.4778	0.5734	0.4778	0.5734	0.6859	0.6859
1.66	0.4849	0.5816	0.4849	0.5816	0.6859	0.6859
2.16	0.5017	0.6000	0.5017	0.6000	0.6859	0.6859
2.67	0.5154	0.6163	0.5154	0.6163	0.6859	0.6859
3.16	0.5247	0.6268	0.5247	0.6268	0.6859	0.6859
3.66	0.5354	0.6390	0.5354	0.6390	0.6859	0.6859
4.66	0.5513	0.6569	0.5513	0.6569	0.6859	0.6859
6.67	0.5636	0.6707	0.5636	0.6707	0.6859	0.6859
8.66	0.5842	0.6937	0.5842	0.6937	0.6859	0.6859
10.68	0.5903	0.7004	0.5903	0.7004	0.6859	0.6859
12.68	0.6053	0.7171	0.6053	0.7171	0.6859	0.6859
14.66	0.6105	0.7228	0.6105	0.7228	0.6859	0.6859
16.66	0.6205	0.7337	0.6205	0.7337	0.6859	0.6859
18.68	0.6318	0.7462	0.6318	0.7462	0.6859	0.6859
20.66	0.6429	0.7582	0.6429	0.7582	0.6859	0.6859
25.66	0.6685	0.7774	0.6685	0.7774	0.6859	0.6859
30.74	0.6800	0.8070	0.6800	0.8070	0.6859	0.6859
35.66	0.7075	0.8278	0.7075	0.8278	0.6859	0.6859
40.68	0.7377	0.8598	0.7377	0.8598	0.6859	0.6859
45.67	0.7600	0.8831	0.7600	0.8831	0.6859	0.6859
50.70	0.7851	0.9050	0.7851	0.9050	0.6859	0.6859
55.67	0.8014	0.9259	0.8014	0.9259	0.6859	0.6859
60.68	0.8214	0.9462	0.8214	0.9462	0.6859	0.6859
67.75	0.8466	0.9716	0.8466	0.9716	0.6859	0.6859
80.69	0.8682	0.9932	0.8682	0.9932	0.6859	0.6859
90.67	0.8750	1.0000	0.8750	1.0000	0.6859	0.6859
113.93	0.8717	0.9967	0.8717	0.9967	0.6859	0.6859
123.91	0.8674	0.9924	0.8674	0.9924	0.6859	0.6859
133.99	0.8657	0.9908	0.8657	0.9908	0.6859	0.6859
143.93	0.8629	0.9880	0.8629	0.9880	0.6859	0.6859
153.95	0.8610	0.9861	0.8610	0.9861	0.6859	0.6859
163.93	0.8605	0.9856	0.8605	0.9856	0.6859	0.6859
171.00	0.8599	0.9849	0.8599	0.9849	0.6859	0.6859
183.94	0.8599	0.9849	0.8599	0.9849	0.6859	0.6859
193.92	0.8589	0.9840	0.8589	0.9840	0.6859	0.6859

M (NOMINAL)= 1.3

X= 1585 MM T0=297.9 K DEL 995= 85.3 MM
RE/M= 9.47*10^6 (MEASURED P) ME=0.873 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.6071	0.6071
0.66	0.4398	0.5387	0.4398	0.5387	0.6071	0.6071
0.87	0.4428	0.5341	0.4428	0.5341	0.6071	0.6071
1.06	0.4573	0.5509	0.4573	0.5509	0.6071	0.6071
1.36	0.4718	0.5676	0.4718	0.5676	0.6071	0.6071
1.46	0.4780	0.5749	0.4780	0.5749	0.6071	0.6071
1.71	0.4968	0.5964	0.4968	0.5964	0.6071	0.6071
2.20	0.5056	0.6065	0.5056	0.6065	0.6071	0.6071
2.71	0.5207	0.6236	0.5207	0.6236	0.6071	0.6071
3.20	0.5281	0.6320	0.5281	0.6320	0.6071	0.6671
3.66	0.5385	0.6437	0.5385	0.6437	0.6071	0.6071
4.71	0.5517	0.6587	0.5517	0.6587	0.6071	0.6071
6.66	0.5720	0.6814	0.5720	0.6814	0.6071	0.6071
8.71	0.5816	0.6921	0.5816	0.6921	0.6071	0.6071
10.67	0.5964	0.7086	0.5964	0.7086	0.6071	0.6071
12.75	0.6060	0.7193	0.6060	0.7193	0.6071	0.6071
14.81	0.6172	0.7316	0.6172	0.7316	0.6071	0.6071
16.76	0.6205	0.7353	0.6205	0.7353	0.6071	0.6071
18.70	0.6348	0.7510	0.6348	0.7510	0.6071	0.6071
20.67	0.6412	0.7579	0.6412	0.7579	0.6071	0.6071
25.70	0.6603	0.7787	0.6603	0.7787	0.6071	0.6071
30.71	0.6844	0.8048	0.6844	0.8048	0.6071	0.6071
35.66	0.7081	0.8301	0.7081	0.8301	0.6071	0.6071
40.71	0.7326	0.8561	0.7326	0.8561	0.6071	0.6071
45.67	0.7548	0.8794	0.7548	0.8794	0.6071	0.6071
50.67	0.7776	0.9031	0.7776	0.9031	0.6071	0.6071
55.67	0.7973	0.9235	0.7973	0.9235	0.6071	0.6071
60.67	0.8193	0.9460	0.8193	0.9460	0.6071	0.6071
70.66	0.8501	0.9771	0.8501	0.9771	0.6071	0.6071
80.76	0.8651	0.9921	0.8651	0.9921	0.6071	0.6071
90.70	0.8723	0.9993	0.8723	0.9993	0.6071	0.6071
100.67	0.8732	1.0002	0.8732	1.0002	0.6071	0.6071
102.43	0.8730	1.0000	0.8730	1.0000	0.6071	0.6071
112.44	0.8726	0.9996	0.8726	0.9996	0.6071	0.6071
122.44	0.8661	0.9931	0.8661	0.9931	0.6071	0.6071
132.48	0.8636	0.9906	0.8636	0.9906	0.6071	0.6071
142.48	0.8616	0.9886	0.8616	0.9886	0.6071	0.6071
152.44	0.8597	0.9868	0.8597	0.9868	0.6071	0.6071
162.44	0.8593	0.9863	0.8593	0.9863	0.6071	0.6071
172.43	0.8602	0.9872	0.8602	0.9872	0.6071	0.6071
182.53	0.8587	0.9857	0.8587	0.9857	0.6071	0.6071
192.47	0.8582	0.9853	0.8582	0.9853	0.6071	0.6071
202.34	0.8573	0.9843	0.8573	0.9843	0.6071	0.6071

M (NOMINAL)= 1.3

X= 1781 MM T0=297.4 K DEL 995= 88.8 MM
RE/M= 9.49*10^6 (MEASURED P) ME=0.866 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.6105	0.6105
0.66	0.4535	0.5504	0.4535	0.5504	0.6105	0.6105
0.88	0.4656	0.5644	0.4656	0.5644	0.6105	0.6105
1.06	0.4768	0.5775	0.4768	0.5775	0.6105	0.6105
1.26	0.4871	0.5894	0.4871	0.5694	0.6105	0.6105
1.46	0.4943	0.5977	0.4943	0.5977	0.6105	0.6105
1.66	0.5009	0.6053	0.5009	0.6053	0.6105	0.6105
2.16	0.5180	0.6248	0.5180	0.6248	0.6105	0.6105
2.68	0.5254	0.6334	0.5254	0.6334	0.6105	0.6105
3.17	0.5377	0.6474	0.5377	0.6474	0.6105	0.6105
3.68	0.5397	0.6496	0.5397	0.6496	0.6105	0.6105
4.68	0.5594	0.6720	0.5594	0.6720	0.6105	0.6105
6.69	0.5754	0.6900	0.5754	0.6900	0.6105	0.6105
8.68	0.5896	0.7059	0.5896	0.7059	0.6105	0.6105
10.69	0.6008	0.7185	0.6008	0.7185	0.6105	0.6105
12.73	0.6133	0.7324	0.6133	0.7324	0.6105	0.6105
14.68	0.6215	0.7415	0.6215	0.7415	0.6105	0.6105
16.68	0.6295	0.7503	0.6295	0.7503	0.6105	0.6105
18.67	0.6377	0.7594	0.6377	0.7594	0.6105	0.6105
20.66	0.6454	0.7679	0.6454	0.7679	0.6105	0.6105
25.66	0.6667	0.7912	0.6667	0.7912	0.6105	0.6105
30.72	0.6865	0.8126	0.6865	0.8126	0.6105	0.6105
35.68	0.7067	0.8345	0.7067	0.8345	0.6105	0.6105
40.66	0.7255	0.8546	0.7255	0.8546	0.6105	0.6105
45.68	0.7445	0.8747	0.7445	0.8747	0.6105	0.6105
50.68	0.7654	0.8967	0.7654	0.8967	0.6105	0.6105
55.68	0.7841	0.9162	0.7841	0.9162	0.6105	0.6105
60.67	0.8043	0.9372	0.8043	0.9372	0.6105	0.6105
70.71	0.8363	0.9700	0.8363	0.9700	0.6105	0.6105
80.66	0.8541	0.9880	0.8541	0.9880	0.6105	0.6105
90.72	0.8641	0.9981	0.8641	0.9961	0.6105	0.6105
104.13	0.8660	1.0000	0.8660	1.0000	0.6105	0.6105
113.94	0.8639	0.9979	0.8639	0.9979	0.6105	0.6105
123.91	0.8602	0.9942	0.8602	0.9942	0.6105	0.6105
133.97	0.8569	0.9988	0.8569	0.9986	0.6105	0.6105
143.91	0.8544	0.9883	0.8544	0.9883	0.6105	0.6105
153.93	0.8528	0.9867	0.8528	0.9867	0.6105	0.6105
163.92	0.8515	0.9853	0.8515	0.9853	0.6105	0.6105
173.96	0.8523	0.9862	0.8523	0.9862	0.6105	0.6105
183.91	0.8512	0.9851	0.8512	0.9851	0.6105	0.6105
193.97	0.8508	0.9847	0.8508	0.9847	0.6105	0.6105

M (NOMINAL)= 1.3

X= 2270 MM T0=293.6 K DEL 995= 97.4 MM
RE/M= 9.55*10^6 (MEASURED P) ME=0.850 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.6202	0.6202
0.66	0.4577	0.5644	0.4577	0.5644	0.6202	0.6202
0.86	0.4487	0.5537	0.4487	0.5537	0.6202	0.6202
1.06	0.4632	0.5708	0.4632	0.5708	0.6202	0.6202
1.27	0.4710	0.5800	0.4710	0.5800	0.6202	0.6202
1.46	0.4804	0.5912	0.4804	0.5912	0.6202	0.6202
1.66	0.4874	0.5994	0.4874	0.5994	0.6202	0.6202
2.16	0.5142	0.6307	0.5142	0.6307	0.6202	0.6202
2.68	0.5191	0.6364	0.5191	0.6364	0.6202	0.6202
3.20	0.5329	0.6524	0.5329	0.6524	0.6202	0.6202
3.66	0.5391	0.6596	0.5391	0.6596	0.6202	0.6202
4.66	0.5568	0.6800	0.5568	0.6800	0.6202	0.6202
6.66	0.5766	0.7027	0.5766	0.7027	0.6202	0.6202
8.66	0.5930	0.7214	0.5930	0.7214	0.6202	0.6202
10.66	0.5981	0.7273	0.5981	0.7273	0.6202	0.6202
12.66	0.6064	0.7366	0.6064	0.7366	0.6202	0.6202
14.67	0.6152	0.7466	0.6152	0.7466	0.6202	0.6202
16.70	0.6287	0.7618	0.6287	0.7618	0.6202	0.6202
18.70	0.6348	0.7686	0.6348	0.7686	0.6202	0.6202
20.68	0.6446	0.7795	0.6446	0.7795	0.6202	0.6202
25.66	0.6582	0.7946	0.6582	0.7946	0.6202	0.6202
30.68	0.6758	0.8142	0.6758	0.8142	0.6202	0.6202
35.67	0.6914	0.8314	0.6914	0.8314	0.6202	0.6202
40.67	0.7095	0.8511	0.7095	0.8511	0.6202	0.6202
45.68	0.7252	0.8682	0.7252	0.8682	0.6202	0.6202
50.66	0.7453	0.8899	0.7453	0.8899	0.6202	0.6202
55.70	0.7585	0.9040	0.7585	0.9040	0.6202	0.6202
60.68	0.7701	0.9164	0.7701	0.9164	0.6202	0.6202
70.66	0.8029	0.9511	0.8029	0.9511	0.6202	0.6202
80.68	0.8265	0.9757	0.8265	0.9757	0.6202	0.6202
90.69	0.8414	0.9912	0.8414	0.9912	0.6202	0.6202
105.41	0.8500	1.0000	0.8500	1.0000	0.6202	0.6202
113.91	0.8489	0.9989	0.8489	0.9989	0.6202	0.6202
123.93	0.8446	0.9944	0.8446	0.9944	0.6202	0.6202
133.93	0.8416	0.9913	0.8416	0.9913	0.6202	0.6202
143.92	0.8395	0.9892	0.8395	0.9892	0.6202	0.6202
153.91	0.8396	0.9893	0.8396	0.9893	0.6202	0.6202
163.93	0.8365	0.9861	0.8365	0.9861	0.6202	0.6202
173.91	0.8370	0.9866	0.8370	0.9866	0.6202	0.6202
183.93	0.8366	0.9862	0.8366	0.9862	0.6202	0.6202
193.94	0.8369	0.9865	0.8369	0.9865	0.6202	0.6202

Table (continued)

M (NOMINAL)= 1.3

X= 2759 MM   T0=294.8 K   DEL 995=101.0 MM
RE/M= 9.34*10^6 (MEASURED P)   ME=0.830 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6299	0.6299
0.66	0.4514	0.5686	0.4514	0.5686	0.6299	0.6299
0.87	0.4543	0.5722	0.4543	0.5722	0.6299	0.6299
1.06	0.4609	0.5801	0.4609	0.5801	0.6299	0.6299
1.26	0.4704	0.5916	0.4704	0.5916	0.6299	0.6299
1.50	0.4842	0.6082	0.4842	0.6082	0.6299	0.6299
1.66	0.4913	0.6166	0.4913	0.6166	0.6299	0.6299
2.17	0.5083	0.6370	0.5083	0.6370	0.6299	0.6299
2.66	0.5133	0.6429	0.5133	0.6429	0.6299	0.6299
3.17	0.5278	0.6601	0.5278	0.6601	0.6299	0.6299
3.67	0.5371	0.6711	0.5371	0.6711	0.6299	0.6299
4.67	0.5520	0.6887	0.5520	0.6887	0.6299	0.6299
6.66	0.5701	0.7100	0.5701	0.7100	0.6299	0.6299
8.66	0.5811	0.7228	0.5811	0.7228	0.6299	0.6299
10.66	0.5997	0.7444	0.5997	0.7444	0.6299	0.6299
12.66	0.6042	0.7496	0.6042	0.7496	0.6299	0.6299
14.66	0.6141	0.7610	0.6141	0.7610	0.6299	0.6299
16.66	0.6230	0.7713	0.6230	0.7713	0.6299	0.6299
18.66	0.6313	0.7808	0.6313	0.7808	0.6299	0.6299
20.67	0.6352	0.7852	0.6352	0.7852	0.6299	0.6299
25.66	0.6533	0.8059	0.6533	0.8059	0.6299	0.6299
30.67	0.6661	0.8204	0.6661	0.8204	0.6299	0.6299
35.67	0.6819	0.8383	0.6819	0.8383	0.6299	0.6299
40.67	0.6958	0.8538	0.6958	0.8538	0.6299	0.6299
45.66	0.7076	0.8670	0.7076	0.8670	0.6299	0.6299
50.66	0.7192	0.8799	0.7192	0.8799	0.6299	0.6299
55.68	0.7345	0.8968	0.7345	0.8968	0.6299	0.6299
60.66	0.7468	0.9103	0.7468	0.9103	0.6299	0.6299
70.67	0.7732	0.9391	0.7732	0.9391	0.6299	0.6299
78.27	0.7912	0.9586	0.7912	0.9586	0.6299	0.6299
104.31	0.8300	1.0000	0.8300	1.0000	0.6299	0.6299
113.91	0.8320	1.0021	0.8320	1.0021	0.6299	0.6299
123.92	0.8289	0.9989	0.8289	0.9989	0.6299	0.6299
133.92	0.8273	0.9972	0.8273	0.9972	0.6299	0.6299
143.92	0.8263	0.9961	0.8263	0.9961	0.6299	0.6299
153.91	0.8234	0.9930	0.8234	0.9930	0.6299	0.6299
163.91	0.8219	0.9914	0.8219	0.9914	0.6299	0.6299
173.92	0.8222	0.9917	0.8222	0.9917	0.6299	0.6299
181.52	0.8202	0.9896	0.8202	0.9896	0.6299	0.6299

M (NOMINAL)= 1.4

X=-712 MM T0=291.3 K DEL 995= 34.1 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.413 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3000	0.3000
0.69	0.7089	0.5657	0.7089	0.5657	0.3000	0.3000
0.89	0.7428	0.5902	0.7428	0.5902	0.3000	0.3000
1.09	0.7639	0.6051	0.7639	0.6051	0.3000	0.3000
1.29	0.7832	0.6188	0.7832	0.6188	0.3000	0.3000
1.50	0.8004	0.6364	0.8004	0.6364	0.3000	0.3000
1.69	0.8218	0.6458	0.8218	0.6458	0.3000	0.3000
2.20	0.8592	0.6715	0.8592	0.6715	0.3000	0.3000
2.70	0.8879	0.6909	0.8879	0.6909	0.3000	0.3000
3.20	0.9120	0.7069	0.9120	0.7069	0.3000	0.3000
3.70	0.9296	0.7183	0.9296	0.7183	0.3000	0.3000
4.70	0.9665	0.7427	0.9665	0.7427	0.3000	0.3000
6.72	1.0168	0.7761	1.0168	0.7761	0.3000	0.3000
8.70	1.0641	0.8044	1.0641	0.8044	0.3000	0.3000
10.71	1.1086	0.8316	1.1086	0.8316	0.3000	0.3000
12.69	1.1512	0.8568	1.1512	0.8568	0.3000	0.3000
14.72	1.1888	0.8787	1.1888	0.8787	0.3000	0.3000
16.70	1.2276	0.9009	1.2276	0.9009	0.3000	0.3000
18.69	1.2579	0.9178	1.2579	0.9178	0.3000	0.3000
20.70	1.2879	0.9343	1.2879	0.9343	0.3000	0.3000
23.22	1.3245	0.9541	1.3245	0.9541	0.3000	0.3000
25.70	1.3541	0.9697	1.3541	0.9697	0.3000	0.3000
30.70	1.3999	0.9933	1.3999	0.9933	0.3000	0.3000
33.21	1.4054	0.9961	1.4054	0.9961	0.3000	0.3000
35.70	1.4107	0.9989	1.4107	0.9989	0.3000	0.3000
38.19	1.4133	1.0001	1.4133	1.0001	0.3000	0.3000
40.72	1.4120	0.9995	1.4120	0.9995	0.3000	0.3000
45.69	1.4130	1.0000	1.4130	1.0000	0.3000	0.3000
50.70	1.4130	1.0000	1.4130	1.0000	0.3000	0.3000
55.70	1.4130	1.0000	1.4130	1.0000	0.3000	0.3000
102.11	1.4150	1.0010	1.4150	1.0010	0.3000	0.3000
112.13	1.4130	1.0000	1.4130	1.0000	0.3000	0.3000
122.12	1.4155	1.0013	1.4155	1.0013	0.3000	0.3000
132.12	1.4182	1.0026	1.4182	1.0026	0.3000	0.3000
142.14	1.4143	1.0006	1.4143	1.0006	0.3000	0.3000
152.12	1.4147	1.0009	1.4147	1.0009	0.3000	0.3000

M (NOMINAL)= 1.4

X=-710 MM T0=292.0 K DEL 995= 34.1 MM
RE/M= 3.61*10^6 (MEASURED P) ME=1.414 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3000	0.3000
0.69	0.7100	0.5662	0.7100	0.5662	0.3000	0.3000
0.89	0.7423	0.5895	0.7423	0.5895	0.3000	0.3000
1.09	0.7657	0.6061	0.7657	0.6061	0.3000	0.3000
1.30	0.7886	0.6223	0.7886	0.6223	0.3000	0.3000
1.49	0.8004	0.6361	0.8004	0.6361	0.3000	0.3000
1.70	0.8214	0.6451	0.8214	0.6451	0.3000	0.3000
2.19	0.8566	0.6693	0.8566	0.6693	0.3000	0.3000
2.71	0.8868	0.6892	0.8868	0.6892	0.3000	0.3000
3.19	0.9067	0.7030	0.9067	0.7030	0.3000	0.3000
3.71	0.9314	0.7194	0.9314	0.7194	0.3000	0.3000
4.69	0.9610	0.7387	0.9610	0.7387	0.3000	0.3000
6.69	1.0167	0.7744	1.0162	0.7744	0.3000	0.3000
8.70	1.0626	0.8031	1.0626	0.8031	0.3000	0.3000
10.69	1.1093	0.8315	1.1093	0.8315	0.3000	0.3000
12.69	1.1499	0.8556	1.1499	0.8556	0.3000	0.3000
14.69	1.1868	0.8771	1.1868	0.8771	0.3000	0.3000
16.69	1.2223	0.8974	1.2223	0.8974	0.3000	0.3000
18.69	1.2568	0.9167	1.2568	0.9167	0.3000	0.3000
20.70	1.2867	0.9332	1.2867	0.9332	0.3000	0.3000
23.19	1.3207	0.9515	1.3207	0.9515	0.3000	0.3000
25.70	1.3528	0.9685	1.3528	0.9685	0.3000	0.3000
28.20	1.3777	0.9814	1.3777	0.9814	0.3000	0.3000
30.70	1.3953	0.9905	1.3953	0.9905	0.3000	0.3000
33.21	1.4061	0.9960	1.4061	0.9960	0.3000	0.3000
35.69	1.4113	0.9986	1.4113	0.9986	0.3000	0.3000
38.20	1.4117	0.9989	1.4117	0.9989	0.3000	0.3000
40.73	1.4130	0.9995	1.4130	0.9995	0.3000	0.3000
45.71	1.4140	1.0000	1.4140	1.0000	0.3000	0.3000
50.70	1.4129	0.9994	1.4129	0.9994	0.3000	0.3000
55.71	1.4114	0.9987	1.4114	0.9987	0.3000	0.3000
60.71	1.4091	0.9975	1.4091	0.9975	0.3000	0.3000
102.11	1.4137	0.9999	1.4137	0.9999	0.3000	0.3000
112.11	1.4126	0.9993	1.4126	0.9993	0.3000	0.3000
122.12	1.4127	0.9994	1.4127	0.9994	0.3000	0.3000
132.12	1.4143	1.0001	1.4143	1.0001	0.3000	0.3000
142.15	1.4144	1.0002	1.4144	1.0002	0.3000	0.3000
152.12	1.4144	1.0002	1.4144	1.0002	0.3000	0.3000
162.13	1.4113	0.9986	1.4113	0.9986	0.3000	0.3000

M (NOMINAL)= 1.4

X=-320 MM T0=291.2 K DEL 995= 38.7 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.395 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3161	0.3161
0.69	0.6842	0.5528	0.6842	0.5528	0.3161	0.3161
0.89	0.7133	0.5741	0.7133	0.5741	0.3161	0.3161
1.09	0.7324	0.5880	0.7324	0.5880	0.3161	0.3161
1.29	0.7565	0.6055	0.7565	0.6055	0.3161	0.3161
1.50	0.7751	0.6187	0.7751	0.6187	0.3161	0.3161
1.69	0.7882	0.6281	0.7882	0.6281	0.3161	0.3161
2.21	0.8182	0.6492	0.8182	0.6492	0.3161	0.3161
2.69	0.8440	0.6671	0.8440	0.6671	0.3161	0.3161
3.20	0.8664	0.6826	0.8664	0.6826	0.3161	0.3161
3.69	0.8847	0.6951	0.8847	0.6951	0.3161	0.3161
4.70	0.9154	0.7158	0.9154	0.7158	0.3161	0.3161
6.69	0.9741	0.7545	0.9741	0.7545	0.3161	0.3161
8.72	1.0167	0.7820	1.0167	0.7820	0.3161	0.3161
10.69	1.0588	0.8085	1.0588	0.8085	0.3161	0.3161
12.70	1.0945	0.8306	1.0945	0.8306	0.3161	0.3161
14.69	1.1297	0.8519	1.1297	0.8519	0.3161	0.3161
16.70	1.1672	0.8742	1.1672	0.8742	0.3161	0.3161
18.75	1.1989	0.8927	1.1989	0.8927	0.3161	0.3161
20.71	1.2251	0.9078	1.2251	0.9078	0.3161	0.3161
23.19	1.2633	0.9293	1.2633	0.9293	0.3161	0.3161
25.69	1.2987	0.9489	1.2987	0.9489	0.3161	0.3161
28.20	1.3272	0.9643	1.3272	0.9643	0.3161	0.3161
30.72	1.3513	0.9772	1.3513	0.9772	0.3161	0.3161
33.20	1.3727	0.9884	1.3727	0.9884	0.3161	0.3161
35.72	1.3861	0.9954	1.3861	0.9954	0.3161	0.3161
38.19	1.3914	0.9981	1.3914	0.9981	0.3161	0.3161
40.69	1.3937	0.9993	1.3937	0.9993	0.3161	0.3161
44.71	1.3950	1.0000	1.3950	1.0000	0.3161	0.3161
50.73	1.3979	1.0015	1.3979	1.0015	0.3161	0.3161
55.70	1.3978	1.0014	1.3978	1.0014	0.3161	0.3161
102.11	1.4006	1.0029	1.4006	1.0029	0.3161	0.3161
112.11	1.4004	1.0028	1.4004	1.0028	0.3161	0.3161
122.13	1.3977	1.0014	1.3977	1.0014	0.3161	0.3161
132.14	1.4009	1.0030	1.4009	1.0030	0.3161	0.3161
142.13	1.3990	1.0021	1.3990	1.0021	0.3161	0.3161
152.15	1.4016	1.0034	1.4016	1.0034	0.3161	0.3161

M (NOMINAL)= 1.4

X=-222 MM T0=290.7 K DEL 995= 39.4 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.377 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3261	0.3261
0.69	0.6528	0.5345	0.6528	0.5345	0.3261	0.3261
0.89	0.6811	0.5557	0.6811	0.5557	0.3261	0.3261
1.09	0.6999	0.5697	0.6999	0.5697	0.3261	0.3261
1.31	0.7202	0.5846	0.7202	0.5846	0.3261	0.3261
1.51	0.7383	0.5980	0.7383	0.5980	0.3261	0.3261
1.69	0.7539	0.6093	0.7539	0.6093	0.3261	0.3261
2.20	0.7852	0.6318	0.7852	0.6318	0.3261	0.3261
2.69	0.8082	0.6482	0.8082	0.6482	0.3261	0.3261
3.19	0.8323	0.6652	0.8323	0.6652	0.3261	0.3261
3.71	0.8518	0.6789	0.8518	0.6789	0.3261	0.3261
4.71	0.8860	0.7025	0.8860	0.7025	0.3261	0.3261
6.70	0.9382	0.7378	0.9382	0.7378	0.3261	0.3261
8.69	0.9837	0.7680	0.9837	0.7680	0.3261	0.3261
10.69	1.0228	0.7933	1.0228	0.7933	0.3261	0.3261
12.69	1.0592	0.8164	1.0592	0.8164	0.3261	0.3261
14.69	1.0943	0.8383	1.0943	0.8383	0.3261	0.3261
16.70	1.1307	0.8605	1.1307	0.8605	0.3261	0.3261
18.71	1.1604	0.8784	1.1604	0.8784	0.3261	0.3261
20.73	1.1954	0.8991	1.1954	0.8991	0.3261	0.3261
23.19	1.2308	0.9196	1.2308	0.9196	0.3261	0.3261
25.69	1.2655	0.9393	1.2655	0.9393	0.3261	0.3261
28.21	1.2925	0.9543	1.2925	0.9543	0.3261	0.3261
30.70	1.3199	0.9694	1.3199	0.9694	0.3261	0.3261
33.22	1.3422	0.9815	1.3422	0.9815	0.3261	0.3261
35.69	1.3568	0.9893	1.3568	0.9893	0.3261	0.3261
38.19	1.3676	0.9951	1.3676	0.9951	0.3261	0.3261
40.71	1.3740	0.9984	1.3740	0.9984	0.3261	0.3261
45.72	1.3770	1.0000	1.3770	1.0000	0.3261	0.3261
50.72	1.3752	0.9991	1.3752	0.9991	0.3261	0.3261
54.70	1.3741	0.9985	1.3741	0.9985	0.3261	0.3261
102.11	1.3727	0.9977	1.3727	0.9977	0.3261	0.3261
112.11	1.3755	0.9992	1.3755	0.9992	0.3261	0.3261
122.15	1.3753	0.9991	1.3753	0.9991	0.3261	0.3261
132.12	1.3718	0.9972	1.3718	0.9972	0.3261	0.3261
142.13	1.3742	0.9985	1.3742	0.9985	0.3261	0.3261
152.14	1.3716	0.9972	1.3716	0.9972	0.3261	0.3261

M (NOMINAL)= 1 4

X=-199 MM T0=290 4 K DEL 995= 39 4 MM
RE/M= 3 67*10^6 (MEASURED P) ME=1 373 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3276	0 3276
0 69	0 6527	0 5355	0 6527	0 5355	0 3276	0 3276
0 90	0 6780	0 5545	0 6780	0 5545	0 3276	0 3276
1 10	0 6990	0 5702	0 6990	0 5702	0 3276	0 3276
1 30	0 7201	0 5858	0 7201	0 5858	0 3276	0 3276
1 51	0 7347	0 5965	0 7347	0 5965	0 3276	0 3276
1 69	0 7492	0 6072	0 7492	0 6072	0 3276	0 3276
2 19	0 7799	0 6293	0 7799	0 6293	0 3276	0 3276
2 69	0 8062	0 6482	0 8062	0 6482	0 3276	0 3276
3 20	0 8271	0 6630	0 8271	0 6630	0 3276	0 3276
3 72	0 8458	0 6761	0 8458	0 6761	0 3276	0 3276
4 71	0 8790	0 6992	0 8790	0 6992	0 3276	0 3276
6 70	0 9313	0 7348	0 9313	0 7348	0 3276	0 3276
8 70	0 9772	0 7653	0 9772	0 7653	0 3276	0 3276
10 70	1 0159	0 7905	1 0159	0 7905	0 3276	0 3276
12 70	1 0546	0 8152	1 0546	0 8152	0 3276	0 3276
14 70	1 0871	0 8356	1 0871	0 8356	0 3276	0 3276
16 70	1 1186	0 8550	1 1186	0 8550	0 3276	0 3276
18 71	1 1548	0 8770	1 1548	0 8770	0 3276	0 3276
20 73	1 1868	0 8960	1 1868	0 8960	0 3276	0 3276
23 25	1 2262	0 9189	1 2262	0 9189	0 3276	0 3276
25 69	1 2579	0 9370	1 2579	0 9370	0 3276	0 3276
28 20	1 2887	0 9543	1 2887	0 9543	0 3276	0 3276
30 70	1 3146	0 9686	1 3146	0 9686	0 3276	0 3276
33 24	1 3376	0 9811	1 3376	0 9811	0 3276	0 3276
35 72	1 3546	0 9902	1 3546	0 9902	0 3276	0 3276
38 20	1 3649	0 9957	1 3649	0 9957	0 3276	0 3276
40 70	1 3701	0 9985	1 3701	0 9985	0 3276	0 3276
45 71	1 3718	0 9993	1 3718	0 9993	0 3276	0 3276
50 70	1 3730	1 0000	1 3730	1 0000	0 3276	0 3276
55 69	1 3737	1 0004	1 3737	1 0004	0 3276	0 3276
102 11	1 3693	0 9980	1 3693	0 9980	0 3276	0 3276
112 12	1 3720	0 9995	1 3720	0 9995	0 3276	0 3276
122 15	1 3714	0 9991	1 3714	0 9991	0 3276	0 3276
132 12	1 3668	0 9967	1 3668	0 9967	0 3276	0 3276
142 12	1 3675	0 9971	1 3675	0 9971	0 3276	0 3276
152 12	1 3692	0 9980	1 3692	0 9980	0 3276	0 3276

M (NOMINAL)= 1 4

X=-173 MM T0=289 9 K DEL 995= 39 2 MM
RE/M= 3 68*10^6 (MEASURED P) ME=1 370 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3299	0 3299
0 69	0 6487	0 5333	0 6487	0 5333	0 3299	0 3299
0 89	0 6697	0 5491	0 6697	0 5491	0 3299	0 3299
1 09	0 6912	0 5653	0 6912	0 5653	0 3299	0 3299
1 29	0 7129	0 5815	0 7129	0 5815	0 3299	0 3299
1 49	0 7243	0 5899	0 7243	0 5899	0 3299	0 3299
1 71	0 7453	0 6053	0 7453	0 6053	0 3299	0 3299
2 19	0 7706	0 6237	0 7706	0 6237	0 3299	0 3299
2 69	0 7939	0 6404	0 7939	0 6404	0 3299	0 3299
3 19	0 8147	0 6553	0 8147	0 6553	0 3299	0 3299
3 70	0 8345	0 6692	0 8345	0 6692	0 3299	0 3299
4 72	0 8669	0 6919	0 8669	0 6919	0 3299	0 3299
6 69	0 9230	0 7303	0 9230	0 7303	0 3299	0 3299
8 70	0 9676	0 7602	0 9676	0 7602	0 3299	0 3299
10 70	1 0059	0 7853	1 0059	0 7853	0 3299	0 3299
12 70	1 0405	0 8076	1 0405	0 8076	0 3299	0 3299
14 69	1 0796	0 8322	1 0796	0 8322	0 3299	0 3299
16 69	1 1156	0 8545	1 1156	0 8545	0 3299	0 3299
18 69	1 1463	0 8732	1 1463	0 8732	0 3299	0 3299
20 70	1 1783	0 8924	1 1783	0 8924	0 3299	0 3299
23 19	1 2146	0 9137	1 2146	0 9137	0 3299	0 3299
25 69	1 2508	0 9345	1 2508	0 9345	0 3299	0 3299
28 21	1 2790	0 9504	1 2790	0 9504	0 3299	0 3299
30 70	1 3074	0 9661	1 3074	0 9661	0 3299	0 3299
33 21	1 3312	0 9792	1 3312	0 9792	0 3299	0 3299
35 73	1 3514	0 9901	1 3514	0 9901	0 3299	0 3299
38 19	1 3616	0 9956	1 3616	0 9956	0 3299	0 3299
40 72	1 3674	0 9986	1 3674	0 9986	0 3299	0 3299
45 73	1 3700	1 0000	1 3700	1 0000	0 3299	0 3299
50 69	1 3699	0 9999	1 3699	0 9999	0 3299	0 3299
55 70	1 3703	1 0001	1 3703	1 0001	0 3299	0 3299
102 11	1 3675	0 9987	1 3675	0 9987	0 3299	0 3299
112 12	1 3663	0 9980	1 3663	0 9980	0 3299	0 3299
122 12	1 3611	0 9953	1 3611	0 9953	0 3299	0 3299
132 12	1 3637	0 9966	1 3637	0 9966	0 3299	0 3299
142 14	1 3670	0 9984	1 3670	0 9984	0 3299	0 3299
152 11	1 3637	0 9966	1 3637	0 9966	0 3299	0 3299

M (NOMINAL)= 1 4

X=-148 MM T0=292 5 K DEL 995= 40 4 MM
RE/M= 3 65*10^6 (MEASURED P) ME=1 350 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3377	0 3377
0 69	0 6236	0 5197	0 6236	0 5197	0 3377	0 3377
0 89	0 6469	0 5377	0 6469	0 5377	0 3377	0 3377
1 10	0 6647	0 5513	0 6647	0 5513	0 3377	0 3377
1 29	0 6809	0 5636	0 6809	0 5636	0 3377	0 3377
1 49	0 6973	0 5760	0 6973	0 5760	0 3377	0 3377
1 72	0 7162	0 5902	0 7162	0 5902	0 3377	0 3377
2 19	0 7406	0 6083	0 7406	0 6083	0 3377	0 3377
2 94	0 7783	0 6360	0 7783	0 6360	0 3377	0 3377
3 35	0 7891	0 6438	0 7891	0 6438	0 3377	0 3377
3 83	0 8103	0 6592	0 8103	0 6592	0 3377	0 3377
4 82	0 8467	0 6852	0 8467	0 6852	0 3377	0 3377
6 73	0 8928	0 7174	0 8928	0 7174	0 3377	0 3377
8 73	0 9349	0 7463	0 9349	0 7463	0 3377	0 3377
10 69	0 9806	0 7771	0 9806	0 7771	0 3377	0 3377
12 70	1 0155	0 8000	1 0155	0 8000	0 3377	0 3377
14 71	1 0499	0 8223	1 0499	0 8223	0 3377	0 3377
16 73	1 0846	0 8444	1 0846	0 8444	0 3377	0 3377
18 69	1 1216	0 8675	1 1216	0 8675	0 3377	0 3377
20 70	1 1474	0 8833	1 1474	0 8833	0 3377	0 3377
23 41	1 1986	0 9093	1 1986	0 9093	0 3377	0 3377
25 69	1 2227	0 9283	1 2227	0 9283	0 3377	0 3377
28 19	1 2536	0 9462	1 2536	0 9462	0 3377	0 3377
30 71	1 2847	0 9638	1 2847	0 9638	0 3377	0 3377
33 20	1 3103	0 9782	1 3103	0 9782	0 3377	0 3377
35 70	1 3284	0 9882	1 3284	0 9882	0 3377	0 3377
38 20	1 3412	0 9952	1 3412	0 9952	0 3377	0 3377
40 70	1 3442	0 9968	1 3442	0 9968	0 3377	0 3377
45 72	1 3507	1 0004	1 3507	1 0004	0 3377	0 3377
51 11	1 3500	1 0000	1 3500	1 0000	0 3377	0 3377
55 69	1 3493	0 9996	1 3493	0 9996	0 3377	0 3377
102 11	1 3443	0 9969	1 3443	0 9969	0 3377	0 3377
112 11	1 3431	0 9963	1 3431	0 9963	0 3377	0 3377
122 12	1 3424	0 9959	1 3424	0 9959	0 3377	0 3377
132 13	1 3439	0 9967	1 3439	0 9967	0 3377	0 3377
142 12	1 3430	0 9962	1 3430	0 9962	0 3377	0 3377
152 53	1 3427	0 9960	1 3427	0 9960	0 3377	0 3377

M (NOMINAL)= 1 4

X=-123 MM T0=292 5 K DEL 995= 39 9 MM
RE/M= 3 61*10^6 (MEASURED P) ME=1 279 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 3679	0 3679
0 69	0 5194	0 4557	0 5194	0 4557	0 3679	0 3679
0 89	0 5349	0 4686	0 5349	0 4686	0 3679	0 3679
1 09	0 5534	0 4839	0 5534	0 4839	0 3679	0 3679
1 29	0 5717	0 4989	0 5717	0 4989	0 3679	0 3679
1 49	0 5832	0 5083	0 5832	0 5083	0 3679	0 3679
1 71	0 6004	0 5223	0 6004	0 5223	0 3679	0 3679
2 20	0 6337	0 5492	0 6337	0 5492	0 3679	0 3679
2 71	0 6561	0 5671	0 6561	0 5671	0 3679	0 3679
3 20	0 6813	0 5870	0 6813	0 5870	0 3679	0 3679
3 70	0 7020	0 6033	0 7020	0 6033	0 3679	0 3679
4 70	0 7313	0 6261	0 7313	0 6261	0 3679	0 3679
6 70	0 7917	0 6722	0 7917	0 6722	0 3679	0 3679
8 72	0 8408	0 7089	0 8408	0 7089	0 3679	0 3679
10 95	0 8927	0 7468	0 8927	0 7468	0 3679	0 3679
12 70	0 9316	0 7746	0 9316	0 7746	0 3679	0 3679
14 69	0 9647	0 7979	0 9647	0 7979	0 3679	0 3679
16 73	0 9943	0 8183	0 9943	0 8183	0 3679	0 3679
18 72	1 0336	0 8450	1 0336	0 8450	0 3679	0 3679
20 69	1 0664	0 8670	1 0664	0 8670	0 3679	0 3679
23 19	1 1021	0 8904	1 1021	0 8904	0 3679	0 3679
25 69	1 1429	0 9167	1 1429	0 9167	0 3679	0 3679
28 21	1 1734	0 9358	1 1734	0 9358	0 3679	0 3679
30 69	1 2065	0 9564	1 2065	0 9564	0 3679	0 3679
33 24	1 2346	0 9735	1 2346	0 9735	0 3679	0 3679
35 70	1 2549	0 9857	1 2549	0 9857	0 3679	0 3679
38 22	1 2690	0 9941	1 2690	0 9941	0 3679	0 3679
40 74	1 2770	0 9988	1 2770	0 9988	0 3679	0 3679
45 72	1 2828	1 0023	1 2828	1 0023	0 3679	0 3679
50 72	1 2790	1 0006	1 2790	1 0000	0 3679	0 3679
55 71	1 2793	1 0001	1 2793	1 0001	0 3679	0 3679
102 11	1 2717	0 9957	1 2717	0 9957	0 3679	0 3679
112 37	1 2720	0 9958	1 2720	0 9958	0 3679	0 3679
122 11	1 2698	0 9946	1 2698	0 9946	0 3679	0 3679
132 11	1 2702	0 9948	1 2702	0 9948	0 3679	0 3679
142 16	1 2690	0 9941	1 2690	0 9941	0 3679	0 3679
152 14	1 2702	0 9948	1 2702	0 9948	0 3679	0 3679

M (NOMINAL)= 1.4

X=-101 MM T0=292.4 K DEL 995= 41.5 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.232 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3939	0.3939
0.69	0.4390	0.3992	0.4390	0.3992	0.3939	0.3939
0.89	0.4498	0.4007	0.4498	0.4007	0.3939	0.3939
1.11	0.4658	0.4226	0.4658	0.4226	0.3939	0.3939
1.30	0.4775	0.4328	0.4775	0.4328	0.3939	0.3939
1.50	0.4891	0.4428	0.4891	0.4428	0.3939	0.3939
1.69	0.4979	0.4503	0.4979	0.4503	0.3939	0.3939
2.19	0.5307	0.4786	0.5307	0.4786	0.3939	0.3939
2.69	0.5546	0.4989	0.5546	0.4989	0.3939	0.3939
3.19	0.5716	0.5133	0.5716	0.5133	0.3939	0.3939
3.70	0.6026	0.5392	0.6026	0.5392	0.3939	0.3939
4.71	0.6296	0.5616	0.6296	0.5616	0.3939	0.3939
6.71	0.7006	0.6196	0.7006	0.6196	0.3939	0.3939
8.74	0.7493	0.6504	0.7493	0.6504	0.3939	0.3939
10.69	0.7789	0.6816	0.7789	0.6816	0.3939	0.3939
12.69	0.8358	0.7250	0.8358	0.7250	0.3939	0.3939
14.71	0.8769	0.7566	0.8769	0.7566	0.3939	0.3939
16.70	0.9055	0.7778	0.9055	0.7778	0.3939	0.3939
18.72	0.9530	0.8124	0.9530	0.8124	0.3939	0.3939
20.69	0.9881	0.8375	0.9881	0.8375	0.3939	0.3939
23.19	1.0314	0.8680	1.0314	0.8680	0.3939	0.3939
25.69	1.0626	0.8894	1.0626	0.8894	0.3939	0.3939
28.19	1.1049	0.9180	1.1049	0.9180	0.3939	0.3939
30.70	1.1423	0.9427	1.1423	0.9427	0.3939	0.3939
33.22	1.1662	0.9583	1.1662	0.9583	0.3939	0.3939
35.69	1.1942	0.9762	1.1942	0.9762	0.3939	0.3939
38.31	1.2144	0.9890	1.2144	0.9890	0.3939	0.3939
40.71	1.2256	0.9960	1.2256	0.9960	0.3939	0.3939
45.69	1.2311	0.9995	1.2311	0.9995	0.3939	0.3939
50.72	1.2320	1.0000	1.2320	1.0000	0.3939	0.3939
56.13	1.2318	0.9998	1.2318	0.9998	0.3939	0.3939
60.87	1.2292	0.9982	1.2292	0.9982	0.3939	0.3939
65.74	1.2295	0.9985	1.2295	0.9985	0.3939	0.3939
102.11	1.2164	0.9902	1.2164	0.9902	0.3939	0.3939
112.11	1.2161	0.9901	1.2161	0.9901	0.3939	0.3939
122.11	1.2170	0.9906	1.2170	0.9906	0.3939	0.3939
132.12	1.2160	0.9900	1.2160	0.9900	0.3939	0.3939
142.13	1.2170	0.9906	1.2170	0.9906	0.3939	0.3939
152.14	1.2160	0.9900	1.2160	0.9900	0.3939	0.3939
162.29	1.2168	0.9905	1.2168	0.9905	0.3939	0.3939

M (NOMINAL)= 1.4

X=-76 MM T0=292.2 K DEL 995= 44.3 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.194 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4154	0.4154
0.69	0.3648	0.3418	0.3648	0.3418	0.4154	0.4154
0.89	0.3828	0.3582	0.3828	0.3582	0.4154	0.4154
1.10	0.3950	0.3693	0.3950	0.3693	0.4154	0.4154
1.29	0.4046	0.3780	0.4046	0.3780	0.4154	0.4154
1.49	0.4103	0.3831	0.4103	0.3831	0.4154	0.4154
1.70	0.4191	0.3911	0.4191	0.3911	0.4154	0.4154
2.19	0.4352	0.4056	0.4352	0.4056	0.4154	0.4154
2.70	0.4612	0.4289	0.4612	0.4289	0.4154	0.4154
[illegible].19	0.4750	0.4411	0.4750	0.4411	0.4154	0.4154
[illegible].71	0.4935	0.4575	0.4935	0.4575	0.4154	0.4154
4.70	0.5352	0.4941	0.5352	0.4941	0.4154	0.4154
6.69	0.5852	0.5375	0.5852	0.5375	0.4154	0.4154
8.69	0.6697	0.6091	0.6697	0.6091	0.4154	0.4154
10.70	0.7102	0.6426	0.7102	0.6426	0.4154	0.4154
12.69	0.7468	0.6726	0.7468	0.6726	0.4154	0.4154
14.72	0.7911	0.7061	0.7911	0.7061	0.4154	0.4154
16.70	0.8142	0.7264	0.8142	0.7264	0.4154	0.4154
18.71	0.8677	0.7680	0.8677	0.7680	0.4154	0.4154
20.69	0.8935	0.7877	0.8935	0.7877	0.4154	0.4154
23.19	0.9412	0.8236	0.9412	0.8236	0.4154	0.4154
25.69	0.9822	0.8538	0.9822	0.8538	0.4154	0.4154
28.37	1.0304	0.8885	1.0304	0.8885	0.4154	0.4154
30.75	1.0645	0.9125	1.0645	0.9125	0.4154	0.4154
33.20	1.0968	0.9349	1.0968	0.9349	0.4154	0.4154
35.69	1.1250	0.9547	1.1250	0.9547	0.4154	0.4154
38.24	1.1529	0.9729	1.1529	0.9729	0.4154	0.4154
40.71	1.1762	0.9883	1.1762	0.9883	0.4154	0.4154
45.71	1.1930	0.9994	1.1930	0.9994	0.4154	0.4154
50.71	1.1964	1.0016	1.1964	1.0016	0.4154	0.4154
56.43	1.1940	1.0000	1.1940	1.0000	0.4154	0.4154
60.77	1.1944	1.0002	1.1944	1.0002	0.4154	0.4154
70.75	1.1916	0.9984	1.1916	0.9984	0.4154	0.4154
80.69	1.1907	0.9978	1.1907	0.9978	0.4154	0.4154
90.70	1.1846	0.9938	1.1846	0.9938	0.4154	0.4154
102.11	1.1801	0.9909	1.1801	0.9909	0.4154	0.4154
112.12	1.1760	0.9882	1.1760	0.9882	0.4154	0.4154
122.11	1.1757	0.9880	1.1757	0.9880	0.4154	0.4154
132.15	1.1743	0.9871	1.1743	0.9871	0.4154	0.4154
142.13	1.1659	0.9816	1.1659	0.9816	0.4154	0.4154
152.13	1.1743	0.9871	1.1743	0.9871	0.4154	0.4154
162.19	1.1713	0.9851	1.1713	0.9851	0.4154	0.4154
172.17	1.1731	0.9863	1.1731	0.9863	0.4154	0.4154
182.11	1.1731	0.9863	1.1731	0.9863	0.4154	0.4154
192.12	1.1723	0.9857	1.1723	0.9857	0.4154	0.4154

M (NOMINAL)= 1.4

X=-50 MM T0=292.3 K DEL 995= 49.1 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.155 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4372	0.4372
0.69	0.3094	0.2987	0.3094	0.2987	0.4372	0.4372
0.90	0.3085	0.2983	0.3085	0.2983	0.4372	0.4372
1.09	0.3247	0.3131	0.3247	0.3131	0.4372	0.4372
1.29	0.3276	0.3158	0.3276	0.3158	0.4372	0.4372
1.52	0.3334	0.3214	0.3334	0.3214	0.4372	0.4372
1.69	0.3386	0.3263	0.3386	0.3263	0.4372	0.4372
2.19	0.3594	0.3458	0.3594	0.3458	0.4372	0.4372
2.70	0.3722	0.3578	0.3722	0.3578	0.4372	0.4372
3.19	0.3825	0.3674	0.3825	0.3674	0.4372	0.4372
3.69	0.3945	0.3786	0.3945	0.3786	0.4372	0.4372
4.69	0.4264	0.4082	0.4264	0.4082	0.4372	0.4372
6.74	0.4927	0.4629	0.4927	0.4629	0.4372	0.4372
8.70	0.5547	0.5247	0.5547	0.5247	0.4372	0.4372
10.69	0.5827	0.5492	0.5827	0.5492	0.4372	0.4372
12.70	0.6364	0.5965	0.6364	0.5965	0.4372	0.4372
14.69	0.6821	0.6358	0.6821	0.6358	0.4372	0.4372
16.70	0.7256	0.6725	0.7256	0.6725	0.4372	0.4372
18.70	0.7550	0.6971	0.7550	0.6971	0.4372	0.4372
20.70	0.8117	0.7415	0.8117	0.7415	0.4372	0.4372
25.70	0.9004	0.8133	0.9004	0.8133	0.4372	0.4372
30.79	0.9807	0.8752	0.9807	0.8752	0.4372	0.4372
35.69	1.0549	0.9297	1.0549	0.9297	0.4372	0.4372
40.71	1.1102	0.9690	1.1102	0.9690	0.4372	0.4372
45.69	1.1414	0.9986	1.1414	0.9986	0.4372	0.4372
50.70	1.1559	1.0006	1.1559	1.0006	0.4372	0.4372
55.82	1.1559	1.0006	1.1559	1.0006	0.4372	0.4372
60.71	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
70.83	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
80.69	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
91.02	1.1550	1.0000	1.1550	1.0000	0.4372	0.4372
102.11	1.1538	0.9992	1.1538	0.9992	0.4372	0.4372
112.11	1.1520	0.9979	1.1520	0.9979	0.4372	0.4372
122.12	1.1441	0.9926	1.1441	0.9926	0.4372	0.4372
127.12	1.1438	0.9923	1.1438	0.9923	0.4372	0.4372
132.21	1.1386	0.9887	1.1386	0.9887	0.4372	0.4372
137.11	1.1328	0.9847	1.1328	0.9847	0.4372	0.4372
142.13	1.1327	0.9847	1.1327	0.9847	0.4372	0.4372
152.12	1.1325	0.9845	1.1325	0.9845	0.4372	0.4372
162.13	1.1294	0.9823	1.1294	0.9823	0.4372	0.4372
182.11	1.1306	0.9832	1.1306	0.9832	0.4372	0.4372
192.44	1.1295	0.9824	1.1295	0.9824	0.4372	0.4372

M (NOMINAL)= 1.4

X=-[illegible] MM T0=292.0 K DEL 995= 5[illegible].4 MM
RE/M= 3.62*10^6 (MEASURED P) ME=1.129 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4525	0.4525
0.69	0.2749	0.2707	0.2749	0.2707	0.4525	0.4525
0.90	0.2626	0.2588	0.2626	0.2588	0.4525	0.4525
1.09	0.2688	0.2648	0.2688	0.2648	0.4525	0.4525
1.[illegible]	0.2886	0.2842	0.2886	0.2842	0.4525	0.4525
1.50	0.2974	0.2925	0.2974	0.2925	0.4525	0.4525
1.70	0.2768	0.2726	0.2768	0.2726	0.4525	0.4525
2.20	0.2979	0.2930	0.2979	0.2930	0.4525	0.4525
2.70	0.3066	0.3014	0.3066	0.3014	0.4525	0.4525
[illegible]	0.3137	0.3087	0.3137	0.3087	0.4525	0.4525
[illegible]	0.3362	0.3299	0.3362	0.3299	0.4525	0.4525
4.[illegible]	0.3465	0.3397	0.3465	0.3397	0.4525	0.4525
6.[illegible]	0.3550	0.3771	[illegible]	0.3771	0.4525	0.4525
8.[illegible]	0.4400	0.4254	0.4400	0.4254	0.4525	0.4525
10.[illegible]	0.4812	0.4666	0.4812	0.4666	0.4525	0.4525
12.[illegible]	0.5250	0.5071	0.5256	0.5071	0.4525	0.4525
14.72	0.5584	0.5376	0.5584	0.5376	0.4525	0.4525
16.[illegible]	0.6460	0.6187	0.6460	0.6187	0.4525	0.4525
18.[illegible]	0.6746	0.6488	0.6746	0.6488	0.4525	0.4525
20.[illegible]	0.7275	0.6865	0.7275	0.6865	0.4525	0.4525
25.[illegible]	0.8134	0.7634	0.8134	0.7634	0.4525	0.4525
30.[illegible]	0.8946	0.8242	0.8946	0.8242	0.4525	0.4525
35.69	0.9729	0.8852	0.9729	0.8852	0.4525	0.4525
40.70	1.0541	0.9462	1.0541	0.9462	0.4525	0.4525
45.71	1.1006	0.9799	1.1006	0.9799	0.4525	0.4525
50.69	1.1265	0.9940	1.1265	0.9940	0.4525	0.4525
55.70	1.1290	1.0000	1.1290	1.0000	0.4525	0.4525
60.74	1.1311	1.0015	1.1311	1.0015	0.4525	0.4525
70.70	1.1302	1.0009	1.1302	1.0009	0.4525	0.4525
80.70	1.1293	1.0002	1.1293	1.0002	0.4525	0.4525
90.44	1.1288	0.9998	1.1288	0.9998	0.4525	0.4525
100.65	1.1302	1.0009	1.1302	1.0009	0.4525	0.4525
102.11	1.1313	1.0016	1.1313	1.0016	0.4525	0.4525
112.11	1.1287	0.9998	1.1287	0.9998	0.4525	0.4525
122.11	1.1290	1.0000	1.1290	1.0000	0.4525	0.4525
132.25	1.1290	1.0000	1.1290	1.0000	0.4525	0.4525
142.12	1.1263	0.9981	1.1263	0.9981	0.4525	0.4525
147.13	1.1250	0.9972	1.1250	0.9972	0.4525	0.4525
152.11	1.1184	0.9925	1.1184	0.9925	0.4525	0.4525
157.12	1.1245	0.9968	1.1245	0.9968	0.4525	0.4525
162.16	1.1082	0.9853	1.1082	0.9853	0.4525	0.4525
172.12	1.1037	0.9820	1.1037	0.9820	0.4525	0.4525
182.12	1.1022	0.9810	1.1022	0.9810	0.4525	0.4525
192.36	1.0999	0.9793	1.0999	0.9793	0.4525	0.4525
202.07	1.1027	0.9813	1.1027	0.9813	0.4525	0.4525

Table 2 (continued)

M (NOMINAL)= 1.4

X=-3 MM T0=291.8 K DEL 995= 54.6 MM
RE/M= 3.63*10^6 (MEASURED P) ME=1.103 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4684	0.4684
0.69	0.2302	0.2315	0.2302	0.2315	0.4684	0.4684
0.90	0.2140	0.2153	0.2140	0.2153	0.4684	0.4684
1.09	0.2313	0.2326	0.2313	0.2326	0.4684	0.4684
1.29	0.2290	0.2303	0.2290	0.2303	0.4684	0.4684
1.50	0.2417	0.2429	0.2417	0.2429	0.4684	0.4684
1.69	0.2362	0.2374	0.2362	0.2374	0.4684	0.4684
2.20	0.2408	0.2420	0.2408	0.2420	0.4684	0.4684
2.69	0.2537	0.2540	0.2537	0.2540	0.4684	0.4684
3.22	0.2691	0.2701	0.2691	0.2701	0.4684	0.4684
3.70	0.2673	0.2683	0.2673	0.2683	0.4684	0.4684
4.82	0.2903	0.2910	0.2903	0.2910	0.4684	0.4684
6.70	0.3273	0.3273	0.3273	0.3273	0.4684	0.4684
8.70	0.3637	0.3629	0.3637	0.3629	0.4684	0.4684
10.71	0.4066	0.4044	0.4066	0.4044	0.4684	0.4684
12.83	0.4529	0.4487	0.4529	0.4487	0.4684	0.4684
14.70	0.4868	0.4808	0.4868	0.4808	0.4684	0.4684
16.70	0.5319	0.5231	0.5319	0.5231	0.4684	0.4684
18.69	0.5907	0.5773	0.5907	0.5773	0.4684	0.4684
20.79	0.6146	0.5991	0.6146	0.5991	0.4684	0.4684
25.69	0.7301	0.7016	0.7301	0.7016	0.4684	0.4684
30.69	0.8203	0.7705	0.8203	0.7705	0.4684	0.4684
35.70	0.9010	0.8449	0.9010	0.8449	0.4684	0.4684
40.84	0.9937	0.9180	0.9937	0.9180	0.4684	0.4684
45.75	1.0421	0.9549	1.0421	0.9549	0.4684	0.4684
50.74	1.0836	0.9858	1.0836	0.9858	0.4684	0.4684
55.72	1.1027	0.9998	1.1027	0.9998	0.4684	0.4684
60.70	1.1030	1.0000	1.1030	1.0000	0.4684	0.4684
70.71	1.1042	1.0009	1.1042	1.0009	0.4684	0.4684
80.70	1.1042	1.0009	1.1042	1.0009	0.4684	0.4684
90.70	1.1031	1.0001	1.1031	1.0001	0.4684	0.4684
100.67	1.1031	1.0001	1.1031	1.0001	0.4684	0.4684
102.11	1.1030	1.0000	1.1030	1.0000	0.4684	0.4684
112.13	1.1029	0.9999	1.1029	0.9999	0.4684	0.4684
122.21	1.1030	1.0000	1.1030	1.0000	0.4684	0.4684
132.11	1.1027	0.9998	1.1027	0.9998	0.4684	0.4684
142.26	1.1015	0.9989	1.1015	0.9989	0.4684	0.4684
152.16	1.1027	0.9998	1.1027	0.9998	0.4684	0.4684
162.12	1.0991	0.9972	1.0991	0.9972	0.4684	0.4684
172.13	1.0874	0.9886	1.0874	0.9886	0.4684	0.4684
182.12	1.0826	0.9850	1.0826	0.9850	0.4684	0.4684
192.12	1.0787	0.9822	1.0787	0.9822	0.4684	0.4684
202.09	1.0767	0.9807	1.0767	0.9807	0.4684	0.4684

M (NOMINAL)= 1.4

X= 22 MM T0=291.2 K DEL 995= 57.4 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.085 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4794	0.4794
0.69	0.1745	0.1782	0.1745	0.1782	0.4794	0.4794
0.89	0.1700	0.1818	0.1700	0.1818	0.4794	0.4794
1.09	0.2018	0.2059	0.2018	0.2059	0.4794	0.4794
1.29	0.1937	0.1977	0.1937	0.1977	0.4794	0.4794
1.51	0.2120	0.2162	0.2120	0.2162	0.4794	0.4794
1.70	0.2056	0.2097	0.2056	0.2097	0.4794	0.4794
2.19	0.2030	0.2071	0.2030	0.2071	0.4794	0.4794
2.71	0.2205	0.2248	0.2205	0.2248	0.4794	0.4794
3.22	0.2242	0.2285	0.2242	0.2285	0.4794	0.4794
3.69	0.2229	0.2272	0.2229	0.2272	0.4794	0.4794
4.69	0.2476	0.2521	0.2476	0.2521	0.4794	0.4794
6.71	0.2757	0.2803	0.2757	0.2803	0.4794	0.4794
8.69	0.3145	0.3191	0.3145	0.3191	0.4794	0.4794
10.70	0.3494	0.3536	0.3494	0.3536	0.4794	0.4794
12.71	0.3846	0.3883	0.3846	0.3883	0.4794	0.4794
14.69	0.4319	0.4345	0.4319	0.4345	0.4794	0.4794
16.69	0.4779	0.4788	0.4779	0.4788	0.4794	0.4794
18.70	0.5183	0.5172	0.5183	0.5172	0.4794	0.4794
20.73	0.5682	0.5567	0.5682	0.5567	0.4794	0.4794
25.71	0.6548	0.6438	0.6548	0.6438	0.4794	0.4794
30.70	0.7450	0.7240	0.7450	0.7240	0.4794	0.4794
35.71	0.8461	0.8107	0.8461	0.8107	0.4794	0.4794
40.72	0.9200	0.8781	0.9200	0.8781	0.4794	0.4794
45.69	0.9997	0.9349	0.9997	0.9349	0.4794	0.4794
50.73	1.0469	0.9713	1.0469	0.9713	0.4794	0.4794
55.69	1.0774	0.9943	1.0774	0.9943	0.4794	0.4794
60.69	1.0835	0.9989	1.0835	0.9989	0.4794	0.4794
70.71	1.0850	1.0000	1.0850	1.0000	0.4794	0.4794
80.71	1.0841	0.9994	1.0841	0.9994	0.4794	0.4794
90.99	1.0848	0.9998	1.0848	0.9998	0.4794	0.4794
100.64	1.0841	0.9994	1.0841	0.9994	0.4794	0.4794
102.11	1.0821	0.9978	1.0821	0.9978	0.4794	0.4794
112.12	1.0827	0.9983	1.0827	0.9983	0.4794	0.4794
122.15	1.0836	0.9989	1.0836	0.9989	0.4794	0.4794
132.12	1.0830	0.9985	1.0830	0.9985	0.4794	0.4794
142.14	1.0839	0.9992	1.0839	0.9992	0.4794	0.4794
152.15	1.0836	0.9989	1.0836	0.9989	0.4794	0.4794
162.11	1.0823	0.9980	1.0823	0.9980	0.4794	0.4794
172.13	1.0786	0.9952	1.0786	0.9952	0.4794	0.4794
182.13	1.0646	0.9847	1.0646	0.9847	0.4794	0.4794
192.41	1.0616	0.9824	1.0616	0.9824	0.4794	0.4794
202.06	1.0598	0.9811	1.0598	0.9811	0.4794	0.4794

M (NOMINAL)= 1.4

X= 71 MM T0=290.6 K DEL 995= 61.0 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.055 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4968	0.4968
0.69	0.1826	0.1900	0.1826	0.1900	0.4968	0.4968
0.89	0.1633	0.1707	0.1633	0.1707	0.4968	0.4968
1.09	0.1840	0.1922	0.1840	0.1922	0.4968	0.4968
1.29	0.1693	0.1770	0.1693	0.1770	0.4968	0.4968
1.50	0.1753	0.1832	0.1753	0.1832	0.4968	0.4968
1.69	0.1853	0.1935	0.1853	0.1935	0.4968	0.4968
2.21	0.1646	0.1720	0.1646	0.1720	0.4968	0.4968
2.70	0.1662	0.1737	0.1662	0.1737	0.4968	0.4968
3.20	0.1973	0.2060	0.1973	0.2060	0.4968	0.4968
3.69	0.1879	0.1962	0.1879	0.1962	0.4968	0.4968
4.69	0.2217	0.2312	0.2217	0.2312	0.4968	0.4968
6.69	0.2204	0.2299	0.2204	0.2299	0.4968	0.4968
8.69	0.2625	0.2732	0.2625	0.2732	0.4968	0.4968
10.70	0.2877	0.2991	0.2877	0.2991	0.4968	0.4968
12.69	0.3142	0.3261	0.3142	0.3261	0.4968	0.4968
14.71	0.3498	0.3622	0.3498	0.3622	0.4968	0.4968
16.69	0.3833	0.3959	0.3833	0.3959	0.4968	0.4968
18.69	0.4256	0.4382	0.4256	0.4382	0.4968	0.4968
20.70	0.4571	0.4694	0.4571	0.4694	0.4968	0.4968
25.69	0.5635	0.5727	0.5635	0.5727	0.4968	0.4968
30.70	0.6625	0.6658	0.6625	0.6658	0.4968	0.4968
35.69	0.7646	0.7582	0.7646	0.7582	0.4968	0.4968
40.75	0.8426	0.8264	0.8426	0.8264	0.4968	0.4968
45.82	0.9169	0.8891	0.9169	0.8891	0.4968	0.4968
50.92	0.9866	0.9461	0.9866	0.9461	0.4968	0.4968
55.69	1.0278	0.9787	1.0278	0.9787	0.4968	0.4968
60.73	1.0513	0.9971	1.0513	0.9971	0.4968	0.4968
70.73	1.0550	1.0000	1.0550	1.0000	0.4968	0.4968
80.85	1.0550	1.0000	1.0550	1.0000	0.4968	0.4968
90.71	1.0551	1.0001	1.0551	1.0001	0.4968	0.4968
100.68	1.0566	1.0012	1.0566	1.0012	0.4968	0.4968
102.11	1.0552	1.0002	1.0552	1.0002	0.4968	0.4968
112.12	1.0542	0.9993	1.0542	0.9993	0.4968	0.4968
122.12	1.0535	0.9989	1.0535	0.9989	0.4968	0.4968
132.12	1.0537	0.9990	1.0537	0.9990	0.4968	0.4968
142.17	1.0537	0.9990	1.0537	0.9990	0.4948	0.4968
152.34	1.0537	0.9990	1.0537	0.9990	0.4968	0.4968
162.15	1.0541	0.9993	1.0541	0.9993	0.4968	0.4968
172.15	1.0517	0.9975	1.0517	0.9975	0.4968	0.4968
182.27	1.0380	0.9868	1.0380	0.9868	0.4968	0.4968
192.13	1.0319	0.9820	1.0319	0.9820	0.4968	0.4968
202.10	1.0322	0.9822	1.0322	0.9822	0.4968	0.4968

M (NOMINAL)= 1.4

X= 120 MM T0=290.1 K DEL 995= 63.4 MM
RE/M= 3.63*10^6 (MEASURED P) ME=1.033 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5104	0.5104
0.69	0.1672	0.1778	0.1672	0.1778	0.5104	0.5104
0.89	0.1829	0.1944	0.1829	0.1944	0.5104	0.5104
1.10	0.1881	0.1999	0.1881	0.1999	0.5104	0.5104
1.30	0.1636	0.1740	0.1636	0.1740	0.5104	0.5104
1.50	0.1652	0.1757	0.1652	0.1757	0.5104	0.5104
1.69	0.1903	0.2022	0.1903	0.2022	0.5104	0.5104
2.20	0.1740	0.1849	0.1740	0.1849	0.5104	0.5104
2.69	0.1757	0.1868	0.1757	0.1868	0.5104	0.5104
3.22	0.1921	0.2041	0.1921	0.2041	0.5104	0.5104
3.70	0.2073	0.2201	0.2073	0.2201	0.5104	0.5104
4.73	0.1999	0.2123	0.1999	0.2123	0.5104	0.5104
6.70	0.2383	0.2527	0.2383	0.2527	0.5104	0.5104
8.69	0.2486	0.2635	0.2486	0.2635	0.5104	0.5104
10.70	0.2643	0.2799	0.2643	0.2799	0.5104	0.5104
12.70	0.2897	0.3063	0.2897	0.3063	0.5104	0.5104
14.71	0.3098	0.3272	0.3098	0.3272	0.5104	0.5104
16.69	0.3522	0.3711	0.3522	0.3711	0.5104	0.5104
18.69	0.3839	0.4034	0.3839	0.4034	0.5104	0.5104
20.69	0.4185	0.4386	0.4185	0.4386	0.5104	0.5104
25.70	0.5119	0.5321	0.5119	0.5321	0.5104	0.5104
30.74	0.6101	0.6276	0.6101	0.6276	0.5104	0.5104
35.69	0.7030	0.7151	0.7030	0.7151	0.5104	0.5104
40.71	0.7976	0.8011	0.7976	0.8011	0.5104	0.5104
45.70	0.8740	0.8681	0.8740	0.8681	0.5104	0.5104
50.70	0.9471	0.9299	0.9471	0.9299	0.5104	0.5104
55.69	0.9918	0.9668	0.9918	0.9668	0.5104	0.5104
60.72	1.0217	0.9910	1.0217	0.9910	0.5104	0.5104
70.73	1.0321	0.9993	1.0321	0.9993	0.5104	0.5104
80.73	1.0330	1.0000	1.0330	1.0000	0.5104	0.5104
90.70	1.0305	0.9980	1.0305	0.9980	0.5104	0.5104
100.65	1.0339	1.0007	1.0339	1.0007	0.5104	0.5104
102.11	1.0320	0.9992	1.0320	0.9992	0.5104	0.5104
112.12	1.0332	1.0002	1.0332	1.0002	0.5104	0.5104
122.11	1.0303	0.9979	1.0303	0.9979	0.5104	0.5104
132.16	1.0327	0.9998	1.0327	0.9998	0.5104	0.5104
142.13	1.0331	1.0001	1.0331	1.0001	0.5104	0.5104
152.12	1.0303	0.9979	1.0303	0.9979	0.5104	0.5104
162.14	1.0303	0.9979	1.0303	0.9979	0.5104	0.5104
172.15	1.0297	0.9974	1.0297	0.9974	0.5104	0.5104
182.15	1.0182	0.9882	1.0182	0.9882	0.5104	0.5104
192.12	1.0091	0.9808	1.0091	0.9808	0.5104	0.5104
202.07	1.0092	0.9809	1.0092	0.9809	0.5104	0.5104

M (NOMINAL)= 1.4

X= 169 MM T0=290.0 K DEL 995= 65.1 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.023 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5170	0.5170
0.69	0.1992	0.2133	0.1992	0.2133	0.5170	0.5170
0.89	0.1886	0.2021	0.1886	0.2021	0.5170	0.5170
1.11	0.2008	0.2235	0.2008	0.2235	0.5170	0.5170
1.31	0.1943	0.2080	0.1943	0.2080	0.5170	0.5170
1.50	0.1970	0.2110	0.1970	0.2110	0.5170	0.5170
1.71	0.1999	0.2140	0.1999	0.2140	0.5170	0.5170
2.20	0.2160	0.2311	0.2160	0.2311	0.5170	0.5170
2.69	0.2216	0.2370	0.2216	0.2370	0.5170	0.5170
3.20	0.2277	0.2435	0.2277	0.2435	0.5170	0.5170
3.69	0.2138	0.2279	0.2138	0.2279	0.5170	0.5170
4.70	0.2079	0.2225	0.2079	0.2225	0.5170	0.5170
6.69	0.2458	0.2627	0.2458	0.2627	0.5170	0.5170
8.70	0.2571	0.2745	0.2571	0.2745	0.5170	0.5170
10.69	0.2985	0.3097	0.2985	0.3097	0.5170	0.5170
12.70	0.3143	0.3345	0.3143	0.3345	0.5170	0.5170
14.70	0.3341	0.3552	0.3341	0.3552	0.5170	0.5170
16.70	0.3615	0.3836	0.3615	0.3836	0.5170	0.5170
18.72	0.3856	0.4004	0.3856	0.4004	0.5170	0.5170
20.70	0.4135	0.4371	0.4135	0.4371	0.5170	0.5170
25.72	0.5010	0.5255	0.5010	0.5255	0.5170	0.5170
30.70	0.5926	0.6158	0.5926	0.6158	0.5170	0.5170
35.69	0.6803	0.6996	0.6803	0.6996	0.5170	0.5170
40.69	0.7692	0.7819	0.7692	0.7819	0.5170	0.5170
45.69	0.8492	0.8534	0.8492	0.8534	0.5170	0.5170
50.70	0.9231	0.9172	0.9231	0.9172	0.5170	0.5170
55.70	0.9774	0.9627	0.9774	0.9627	0.5170	0.5170
60.70	1.0069	0.9870	1.0069	0.9870	0.5170	0.5170
70.70	1.0227	0.9997	1.0227	0.9997	0.5170	0.5170
80.71	1.0215	0.9988	1.0215	0.9988	0.5170	0.5170
90.71	1.0230	1.0000	1.0230	1.0000	0.5170	0.5170
100.65	1.0212	0.9985	1.0212	0.9985	0.5170	0.5170
102.11	1.0238	1.0007	1.0238	1.0007	0.5170	0.5170
112.11	1.0228	0.9998	1.0228	0.9998	0.5170	0.5170
122.12	1.0191	0.9969	1.0191	0.9969	0.5170	0.5170
132.12	1.0202	0.9978	1.0202	0.9978	0.5170	0.5170
142.11	1.0202	0.9978	1.0202	0.9978	0.5170	0.5170
152.12	1.0190	0.9968	1.0190	0.9968	0.5170	0.5170
162.12	1.0190	0.9968	1.0190	0.9968	0.5170	0.5170
172.12	1.0205	0.9980	1.0205	0.9980	0.5170	0.5170
182.13	1.0078	0.9877	1.0078	0.9877	0.5170	0.5170
192.13	1.0003	0.9815	1.0003	0.9815	0.5170	0.5170
202.07	0.9969	0.9788	0.9969	0.9788	0.5170	0.5170

M (NOMINAL)= 1.4

X= 267 MM T0=289.8 K DEL 995= 65.5 MM
RE/M= 3.63*10^6 (MEASURED P) ME=1.003 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5284	0.5284
0.69	0.2295	0.2492	0.2295	0.2492	0.5284	0.5284
0.91	0.2272	0.2470	0.2272	0.2470	0.5284	0.5284
1.09	0.2360	0.2565	0.2360	0.2565	0.5284	0.5284
1.30	0.2281	0.2479	0.2281	0.2479	0.5284	0.5284
1.49	0.2449	0.2660	0.2449	0.2660	0.5284	0.5284
1.69	0.2369	0.2574	0.2369	0.2574	0.5284	0.5284
2.20	0.2484	0.2698	0.2484	0.2698	0.5284	0.5284
2.69	0.2551	0.2748	0.2551	0.2748	0.5284	0.5284
3.20	0.2688	0.2838	0.2688	0.2838	0.5284	0.5284
3.69	0.2663	0.2889	0.2663	0.2889	0.5284	0.5284
4.69	0.2846	0.3084	0.2846	0.3084	0.5284	0.5284
6.70	0.2984	0.3146	0.2984	0.3146	0.5284	0.5284
8.69	0.3068	0.3321	0.3068	0.3321	0.5284	0.5284
10.71	0.3287	0.3553	0.3287	0.3553	0.5284	0.5284
12.69	0.3421	0.3695	0.3421	0.3695	0.5284	0.5284
14.69	0.3629	0.3914	0.3629	0.3914	0.5284	0.5284
16.70	0.3881	0.4176	0.3881	0.4178	0.5284	0.5284
18.69	0.4127	0.4435	0.4127	0.4435	0.5284	0.5284
20.71	0.4327	0.4642	0.4327	0.4642	0.5284	0.5284
25.70	0.5075	0.5408	0.5075	0.5408	0.5284	0.5284
30.70	0.5666	0.6200	0.5666	0.6200	0.5284	0.5284
35.71	0.6627	0.6943	0.6627	0.6943	0.5284	0.5284
40.70	0.7429	0.7704	0.7429	0.7704	0.5284	0.5284
45.69	0.8221	0.8431	0.8221	0.8431	0.5284	0.5284
50.71	0.8937	0.9068	0.8937	0.9068	0.5284	0.5284
55.69	0.9480	0.9537	0.9480	0.9537	0.5284	0.5284
60.69	0.9848	0.9849	0.9848	0.9849	0.5284	0.5284
70.71	1.0033	1.0082	1.0033	1.0082	0.5284	0.5284
80.70	1.0043	1.0011	1.0043	1.0011	0.5284	0.5284
90.69	1.0038	1.0000	1.0038	1.0000	0.5284	0.5284
100.67	1.0038	1.0000	1.0038	1.0000	0.5284	0.5284
102.11	1.0039	1.0007	1.0039	1.0007	0.5284	0.5284
112.13	1.0047	1.0014	1.0047	1.0014	0.5284	0.5284
122.13	1.0089	0.9982	1.0089	0.9982	0.5284	0.5284
132.12	1.0045	1.0012	1.0045	1.0012	0.5284	0.5284
142.12	1.0018	0.9990	1.0018	0.9990	0.5284	0.5284
152.13	1.0038	1.0000	1.0038	1.0000	0.5284	0.5284
162.11	1.0021	0.9992	1.0021	0.9992	0.5284	0.5284
172.13	1.0021	0.9992	1.0021	0.9992	0.5284	0.5284
182.12	0.9918	0.9980	0.9918	0.9980	0.5284	0.5284
192.11	0.9818	0.9817	0.9818	0.9817	0.5284	0.5284
202.09	0.9784	0.9795	0.9784	0.9795	0.5284	0.5284

M (NOMINAL)= 1.4

X= 463 MM T0=289.6 K DEL 995= 73.0 MM
RE/M= 3.59*10^6 (MEASURED P) ME=0.972 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5479	0.5479
0.69	0.2812	0.3130	0.2812	0.3130	0.5479	0.5479
0.89	0.2930	0.3260	0.2930	0.3260	0.5479	0.5479
1.09	0.2965	0.3297	0.2965	0.3297	0.5479	0.5479
1.30	0.2965	0.3297	0.2965	0.3297	0.5479	0.5479
1.51	0.3098	0.3442	0.3098	0.3442	0.5479	0.5479
1.69	0.3076	0.3419	0.3076	0.3419	0.5479	0.5479
2.19	0.3176	0.3527	0.3176	0.3527	0.5479	0.5479
2.70	0.3238	0.3595	0.3238	0.3595	0.5479	0.5479
3.21	0.3324	0.3689	0.3324	0.3689	0.5479	0.5479
3.70	0.3361	0.3729	0.3361	0.3729	0.5479	0.5479
4.70	0.3399	0.3770	0.3399	0.3770	0.5479	0.5479
6.69	0.3624	0.401	0.3624	0.4013	0.5479	0.5479
8.70	0.3727	0.4124	0.3727	0.4124	0.5479	0.5479
10.72	0.3929	0.4341	0.3929	0.4341	0.5479	0.5479
12.69	0.4071	0.4493	0.4071	0.4493	0.5479	0.5479
14.70	0.4176	0.4687	0.4178	0.4687	0.5479	0.5479
16.70	0.4436	0.4881	0.4436	0.4881	0.5479	0.5479
18.70	0.4554	0.5006	0.4554	0.5006	0.5479	0.5479
20.72	0.4769	0.5232	0.4769	0.5232	0.5479	0.5479
25.69	0.5292	0.5776	0.5292	0.5776	0.5479	0.5479
30.69	0.5897	0.6397	0.5697	0.6397	0.5479	0.5479
35.69	0.6500	0.7002	0.6500	0.7002	0.5479	0.5479
40.71	0.7134	0.7624	0.7134	0.7624	0.5479	0.5479
45.69	0.7800	0.8262	0.7800	0.8262	0.5479	0.5479
50.69	0.8416	0.8836	0.8416	0.8836	0.5479	0.5479
55.70	0.8940	0.9313	0.8940	0.9313	0.5479	0.5479
60.69	0.9351	0.9677	0.9351	0.9677	0.5479	0.5479
70.70	0.9665	0.9952	0.9665	0.9952	0.5479	0.5479
80.72	0.9703	0.9965	0.9703	0.9985	0.5479	0.5479
90.69	0.9665	0.9952	0.9665	0.9952	0.5479	0.5479
100.62	0.9703	0.9985	0.9703	0.9985	0.5479	0.5479
102.11	0.9734	1.0012	0.9734	1.0012	0.5479	0.5479
103.61	0.9720	1.0000	0.9720	1.0000	0.5479	0.5479
112.14	0.9730	1.0008	0.9730	1.0008	0.5479	0.5479
122.14	0.9700	0.9982	0.9700	0.9982	0.5479	0.5479
132.11	0.9729	1.0008	0.9729	1.0008	0.5479	0.5479
142.13	0.9679	0.9965	0.9679	0.9965	0.5479	0.5479
152.11	0.9718	0.9999	0.9718	0.9999	0.5479	0.5479
162.11	0.9694	0.9977	0.9694	0.9977	0.5479	0.5479
172.12	0.9674	0.9960	0.9674	0.9960	0.5479	0.5479
182.14	0.9535	0.9839	0.9535	0.9839	0.5479	0.5479
192.11	0.9439	0.9755	0.9439	0.9755	0.5479	0.5479
202.04	0.9452	0.9766	0.9452	0.9766	0.5479	0.5479

M (NOMINAL)= 1.4

X= 756 MM T0=289.4 K DEL 995= 82.6 MM
RE/M= 3.56*10^6 (MEASURED P) ME=0.940 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5689	0.5689
0.69	0.3414	0.3895	0.3414	0.3895	0.5689	0.5689
0.90	0.3486	0.3975	0.3486	0.3975	0.5689	0.5689
1.09	0.3601	0.4103	0.3601	0.4103	0.5689	0.5689
1.30	0.3695	0.4207	0.3695	0.4207	0.5689	0.5689
1.50	0.3798	0.4321	0.3798	0.4321	0.5689	0.5689
1.71	0.3835	0.4362	0.3835	0.4362	0.5689	0.5689
2.19	0.3944	0.4482	0.3944	0.4482	0.5689	0.5689
2.70	0.3966	0.4506	0.3966	0.4506	0.5689	0.5689
3.19	0.4085	0.4638	0.4085	0.4638	0.5689	0.5689
3.69	0.4183	0.4745	0.4183	0.4745	0.5689	0.5689
4.69	0.4207	0.4771	0.4207	0.4771	0.5689	0.5689
6.70	0.4374	0.4954	0.4374	0.4954	0.5689	0.5689
8.69	0.4682	0.5282	0.4682	0.5282	0.5689	0.5689
10.69	0.4648	0.5252	0.4648	0.5252	0.5689	0.5689
12.71	0.4724	[illegible]	0.4724	[illegible]	0.5689	0.5689
14.69	0.4986	0.5616	0.4986	0.5616	0.5689	0.5689
16.70	0.5007	0.5639	0.5007	0.5639	0.5689	0.5689
18.69	0.5095	0.5733	0.5095	0.5733	0.5689	0.5689
20.70	0.5292	0.5943	0.5292	0.5943	0.5689	0.5689
25.69	0.5738	0.6414	0.5738	0.6414	0.5689	0.5689
30.69	0.6186	0.6798	0.6186	0.6798	0.5689	0.5689
35.69	0.6559	0.7263	0.6559	0.7263	0.5689	0.5689
40.71	0.7017	0.7726	0.7017	0.7726	0.5689	0.5689
45.71	0.7488	0.8194	0.7488	0.8194	0.5689	0.5689
50.70	0.7904	0.8599	0.7904	0.8599	0.5689	0.5689
55.73	0.8389	0.8988	0.8389	0.8988	0.5689	0.5689
60.70	0.8664	0.9323	0.8664	0.9323	0.5689	0.5689
70.70	0.9144	0.9767	0.9144	0.9767	0.5689	0.5689
80.71	0.9342	0.9947	0.9342	0.9947	0.5689	0.5689
90.70	0.9397	0.9997	0.9397	0.9997	0.5689	0.5689
100.68	0.9423	1.0020	0.9423	1.0020	0.5689	0.5689
102.11	0.9364	0.9968	0.9364	0.9968	0.5689	0.5689
102.51	0.9400	1.0000	0.9400	1.0000	0.5689	0.5689
112.11	0.9376	0.9978	0.9376	0.9978	0.5689	0.5689
122.12	0.9360	0.9963	0.9360	0.9963	0.5689	0.5689
132.11	0.9388	0.9989	0.9388	0.9989	0.5689	0.5689
142.13	0.9385	0.9986	0.9385	0.9986	0.5689	0.5689
152.12	0.9372	0.9974	0.9372	0.9974	0.5689	0.5689
157.15	0.9356	0.9960	0.9356	0.9960	0.5689	0.5689
162.12	0.9348	0.9953	0.9348	0.9953	0.5689	0.5689
172.12	0.9335	0.9941	0.9335	0.9941	0.5689	0.5689
182.13	0.9199	0.9817	0.9199	0.9817	0.5689	0.5689
192.12	0.9159	0.9781	0.9159	0.9781	0.5689	0.5689
202.10	0.9150	0.9773	0.9150	0.9773	0.5689	0.5689

Table 2 (continued)

M (NOMINAL)= 1.4

X= 1052 MM T0=289.0 K DEL 995= 92.7 MM
RE/M= 3.54*10^6 (MEASURED P) ME=0.916 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5835	0.5835
0.69	0.3742	0.4354	0.3742	0.4354	0.5835	0.5835
0.90	0.3840	0.4465	0.3840	0.4465	0.5835	0.5835
1.09	0.3952	0.4591	0.3952	0.4591	0.5835	0.5835
1.29	0.4078	0.4733	0.4078	0.4733	0.5835	0.5835
1.49	0.4122	0.4782	0.4122	0.4782	0.5835	0.5835
1.70	0.4217	0.4889	0.4217	0.4889	0.5835	0.5835
2.19	0.4346	0.5033	0.4346	0.5033	0.5835	0.5835
2.70	0.4499	0.5204	0.4499	0.5204	0.5835	0.5835
3.19	0.4539	0.5248	0.4539	0.5248	0.5835	0.5835
3.70	0.4608	0.5325	0.4608	0.5325	0.5835	0.5835
4.70	0.4734	0.5464	0.4734	0.5464	0.5835	0.5835
6.71	0.4910	0.5657	0.4910	0.5657	0.5835	0.5835
8.69	0.4982	0.5737	0.4982	0.5737	0.5835	0.5835
10.69	0.5171	0.5943	0.5171	0.5943	0.5835	0.5835
12.70	0.5265	0.6046	0.5265	0.6046	0.5835	0.5835
14.70	0.5404	0.6197	0.5404	0.6197	0.5835	0.5835
16.69	0.5444	0.6240	0.5444	0.6240	0.5835	0.5835
18.69	0.5549	0.6354	0.5549	0.6354	0.5835	0.5835
20.69	0.5694	0.6510	0.5694	0.6510	0.5835	0.5835
25.70	0.5965	0.6799	0.5965	0.6799	0.5835	0.5835
30.70	0.6245	0.7096	0.6245	0.7096	0.5835	0.5835
35.71	0.6533	0.7398	0.6533	0.7398	0.5835	0.5835
40.69	0.6867	0.7745	0.6867	0.7745	0.5835	0.5835
45.69	0.7222	0.8107	0.7222	0.8107	0.5835	0.5835
50.69	0.7573	0.8462	0.7573	0.8462	0.5835	0.5835
55.69	0.7907	0.8795	0.7907	0.8795	0.5835	0.5835
60.69	0.8168	0.9051	0.8168	0.9051	0.5835	0.5835
70.69	0.8647	0.9515	0.8647	0.9515	0.5835	0.5835
80.69	0.8970	0.9822	0.8970	0.9822	0.5835	0.5835
90.69	0.9089	0.9933	0.9089	0.9933	0.5835	0.5835
100.62	0.9128	0.9970	0.9128	0.9970	0.5835	0.5835
102.11	0.9138	0.9979	0.9138	0.9979	0.5835	0.5835
104.12	0.9160	1.0000	0.9160	1.0000	0.5835	0.5835
112.11	0.9149	0.9990	0.9149	0.9990	0.5835	0.5835
122.11	0.9145	0.9986	0.9145	0.9986	0.5835	0.5835
132.12	0.9149	0.9990	0.9149	0.9990	0.5835	0.5835
142.11	0.9118	0.9961	0.9118	0.9961	0.5835	0.5835
152.11	0.9167	1.0007	0.9167	1.0007	0.5835	0.5835
162.11	0.9133	0.9974	0.9133	0.9974	0.5835	0.5835
172.11	0.9095	0.9939	0.9095	0.9939	0.5835	0.5835
182.11	0.8957	0.9809	0.8957	0.9809	0.5835	0.5835
192.11	0.8888	0.9744	0.8888	0.9744	0.5835	0.5835
202.04	0.8873	0.9730	0.8873	0.9730	0.5835	0.5835

M (NOMINAL)= 1.4

X= 1204 MM T0=290.6 K DEL 995=101.4 MM
RE/M= 3.50*10^6 (MEASURED P) ME=0.985 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5903	0.5903
0.66	0.4138	0.4850	0.4138	0.4850	0.5903	0.5903
0.86	0.4199	0.4920	0.4199	0.4920	0.5903	0.5903
1.07	0.4340	0.5079	0.4340	0.5079	0.5903	0.5903
1.27	0.4386	0.5130	0.4386	0.5130	0.5903	0.5903
1.47	0.4482	0.5239	0.4482	0.5239	0.5903	0.5903
1.66	0.4509	0.5269	0.4509	0.5269	0.5903	0.5903
2.16	0.4647	0.5424	0.4647	0.5424	0.5903	0.5903
2.66	0.4770	0.5561	0.4770	0.5561	0.5903	0.5903
3.16	0.4841	0.5640	0.4841	0.5640	0.5903	0.5903
3.66	0.4921	0.5729	0.4921	0.5729	0.5903	0.5903
4.66	0.5064	0.5888	0.5064	0.5888	0.5903	0.5903
6.65	0.5225	0.6065	0.5225	0.6065	0.5903	0.5903
8.66	0.5310	0.6158	0.5310	0.6158	0.5903	0.5903
10.71	0.5436	0.6297	0.5436	0.6297	0.5903	0.5903
12.66	0.5531	0.6401	0.5531	0.6401	0.5903	0.5903
14.66	0.5668	0.6540	0.5668	0.6540	0.5903	0.5903
16.67	0.5794	0.6686	0.5794	0.6686	0.5903	0.5903
18.66	0.5821	0.6715	0.5821	0.6715	0.5903	0.5903
20.66	0.5927	0.6829	0.5927	0.6829	0.5903	0.5903
25.66	0.6140	0.7057	0.6140	0.7057	0.5903	0.5903
30.66	0.6385	0.7318	0.6385	0.7318	0.5903	0.5903
35.66	0.6639	0.7587	0.6639	0.7587	0.5903	0.5903
40.66	0.6911	0.7871	0.6911	0.7871	0.5903	0.5903
45.66	0.7188	0.8158	0.7188	0.8158	0.5903	0.5903
50.66	0.7489	0.8384	0.7489	0.8384	0.5903	0.5903
55.66	0.7658	0.8636	0.7658	0.8636	0.5903	0.5903
60.66	0.7938	0.8917	0.7938	0.8917	0.5903	0.5903
70.66	0.8351	0.9326	0.8351	0.9326	0.5903	0.5903
80.66	0.8702	0.9667	0.8702	0.9667	0.5903	0.5903
90.75	0.8902	0.9859	0.8902	0.9859	0.5903	0.5903
101.43	0.9001	0.9954	0.9001	0.9954	0.5903	0.5903
111.48	0.9034	0.9985	0.9034	0.9985	0.5903	0.5903
115.43	0.9050	1.0000	0.9050	1.0000	0.5903	0.5903
121.43	0.9037	0.9988	0.9037	0.9988	0.5903	0.5903
131.43	0.9026	0.9977	0.9026	0.9977	0.5903	0.5903
141.43	0.9052	1.0002	0.9052	1.0002	0.5903	0.5903
151.43	0.9039	0.9990	0.9039	0.9990	0.5903	0.5903
161.43	0.9032	0.9983	0.9032	0.9983	0.5903	0.5903
171.43	0.9021	0.9972	0.9021	0.9972	0.5903	0.5903
181.43	0.8912	0.9869	0.8912	0.9869	0.5903	0.5903
191.52	0.8833	0.9793	0.8833	0.9793	0.5903	0.5903

M (NOMINAL)= 1.4

X= 1776 MM T0=290.7 K DEL 995=117.6 MM
RE/M= 3.43*10^6 (MEASURED P) ME=0.878 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6067	0.6067
0.66	0.4291	0.5156	0.4291	0.5156	0.6067	0.6067
0.86	0.4355	0.5230	0.4355	0.5230	0.6067	0.6067
1.06	0.4402	0.5285	0.4402	0.5285	0.6067	0.6067
1.26	0.4528	0.5430	0.4528	0.5430	0.6067	0.6067
1.46	0.4635	0.5553	0.4635	0.5553	0.6067	0.6067
1.66	0.4699	0.5627	0.4699	0.5627	0.6067	0.6067
2.16	0.4796	0.5737	0.4796	0.5737	0.6067	0.6067
2.66	0.4997	0.5967	0.4997	0.5967	0.6067	0.6067
3.16	0.5093	0.6076	0.5093	0.6076	0.6067	0.6067
3.66	0.5183	0.6178	0.5183	0.6178	0.6067	0.6067
4.66	0.5298	0.6300	0.5298	0.6300	0.6067	0.6067
6.66	0.5518	0.6555	0.5518	0.6555	0.6067	0.6067
8.66	0.5597	0.6644	0.5597	0.6644	0.6067	0.6067
10.66	0.5720	0.6781	0.5720	0.6781	0.6067	0.6067
12.66	0.5789	0.6857	0.5789	0.6857	0.6067	0.6067
14.66	0.5902	0.6982	0.5902	0.6982	0.6067	0.6067
16.66	0.5962	0.7048	0.5962	0.7048	0.6067	0.6067
18.66	0.6034	0.7129	0.6034	0.7129	0.6067	0.6067
20.66	0.6111	0.7213	0.6111	0.7213	0.6067	0.6067
25.66	0.6286	0.7405	0.6286	0.7405	0.6067	0.6067
30.67	0.6456	0.7591	0.6456	0.7591	0.6067	0.6067
35.67	0.6573	0.7716	0.6573	0.7716	0.6067	0.6067
40.66	0.6767	0.7925	0.6767	0.7925	0.6067	0.6067
45.66	0.6964	0.8136	0.6964	0.8136	0.6067	0.6067
50.66	0.7107	0.8288	0.7107	0.8288	0.6067	0.6067
55.66	0.7308	0.8500	0.7308	0.8500	0.6067	0.6067
60.66	0.7488	0.8688	0.7488	0.8688	0.6067	0.6067
70.70	0.7652	0.9065	0.7652	0.9065	0.6067	0.6067
80.66	0.8189	0.9409	0.8189	0.9409	0.6067	0.6067
90.66	0.8381	0.9602	0.8381	0.9602	0.6067	0.6067
101.43	0.8619	0.9841	0.8619	0.9841	0.6067	0.6067
111.43	0.8658	0.9879	0.8658	0.9879	0.6067	0.6067
121.43	0.8750	0.9970	0.8750	0.9970	0.6067	0.6067
131.44	0.8794	1.0014	0.8794	1.0014	0.6067	0.6067
141.43	0.8780	1.0000	0.8780	1.0000	0.6067	0.6067
151.43	0.8776	0.9996	0.8776	0.9996	0.6067	0.6067
161.43	0.8778	0.9998	0.8778	0.9998	0.6067	0.6067
171.47	0.8776	0.9996	0.8776	0.9996	0.6067	0.6067
181.43	0.8666	0.9887	0.8666	0.9887	0.6067	0.6067
191.43	0.8543	0.9765	0.8543	0.9765	0.6067	0.6067

M (NOMINAL)= 1.4

X= 2267 MM T0=291.0 K DEL 995=129.2 MM
RE/M= 3.39*10^6 (MEASURED P) ME=0.861 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6168	0.6168
0.66	0.4346	0.5310	0.4346	0.5310	0.6168	0.6168
0.86	0.4448	0.5429	0.4448	0.5429	0.6168	0.6168
1.06	0.4491	0.5480	0.4491	0.5480	0.6168	0.6168
1.26	0.4640	0.5654	0.4640	0.5654	0.6168	0.6168
1.46	0.4744	0.5776	0.4744	0.5776	0.6168	0.6168
1.66	0.4776	0.5813	0.4776	0.5813	0.6168	0.6168
2.17	0.4937	0.6000	0.4937	0.6006	0.6168	0.6168
2.66	0.5043	0.6122	0.5043	0.6122	0.6168	0.6168
3.16	0.5157	0.6254	0.5157	0.6254	0.6168	0.6168
3.66	0.5244	0.6354	0.5244	0.6354	0.6168	0.6168
4.66	0.5417	0.6552	0.5417	0.6552	0.6168	0.6168
6.71	0.5574	0.6731	0.5574	0.6731	0.6168	0.6168
8.66	0.5753	0.6934	0.5753	0.6934	0.6168	0.6168
10.67	0.5838	0.7030	0.5838	0.7030	0.6168	0.6168
12.71	0.5942	0.7147	0.5942	0.7147	0.6168	0.6168
14.67	0.6013	0.7227	0.6013	0.7227	0.6168	0.6168
16.66	0.6085	0.7307	0.6085	0.7307	0.6168	0.6168
18.66	0.6148	0.7378	0.6148	0.7378	0.6168	0.6168
20.66	0.6194	0.7429	0.6194	0.7429	0.6168	0.6168
25.67	0.6372	0.7627	0.6372	0.7627	0.6168	0.6168
30.66	0.6451	0.7714	0.6451	0.7714	0.6168	0.6168
35.66	0.6682	0.7880	0.6682	0.7880	0.6168	0.6168
40.66	0.6723	0.8012	0.6723	0.8012	0.6168	0.6168
45.66	0.6881	0.8185	0.6881	0.8185	0.6168	0.6168
50.67	0.7009	0.8323	0.7009	0.8323	0.6168	0.6168
55.66	0.7119	0.8442	0.7119	0.8442	0.6168	0.6168
60.67	0.7250	0.8583	0.7250	0.8583	0.6168	0.6168
70.66	0.7550	0.8903	0.7550	0.8903	0.6168	0.6168
80.66	0.7819	0.9186	0.7819	0.9186	0.6168	0.6168
90.74	0.7996	0.9371	0.7996	0.9371	0.6168	0.6168
101.43	0.8255	0.9638	0.8255	0.9638	0.6168	0.6168
111.44	0.8485	0.9792	0.8485	0.9792	0.6168	0.6168
121.43	0.8511	0.9900	0.8511	0.9900	0.6168	0.6168
131.43	0.8596	0.9986	0.8596	0.9986	0.6168	0.6166
141.43	0.8610	1.0000	0.8610	1.0000	0.6168	0.6168
151.44	0.8606	0.9996	0.8606	0.9996	0.6168	0.6168
161.44	0.8622	1.0012	0.8622	1.0012	0.6168	0.6168
171.43	0.8608	0.9998	0.8608	0.9998	0.6168	0.6168
181.43	0.8485	0.9873	0.8485	0.9873	0.6168	0.6168
191.51	0.8411	0.9798	0.8411	0.9798	0.6168	0.6168

M (NOMINAL)= 1.4

X= 2752 MM T0=291.1 K DEL.995=137.4 MM
RE/M= 3.33*10^6 (MEASURED P) ME=0.839 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6266	0.6266
0.66	0.4207	0.5263	0.4207	0.5263	0.6266	0.6266
0.86	0.4410	0.5500	0.4410	0.5500	0.6266	0.6266
1.06	0.4429	0.5531	0.4429	0.5531	0.6266	0.6266
1.26	0.4559	0.5687	0.4559	0.5687	0.6266	0.6266
1.46	0.4615	0.5754	0.4615	0.5754	0.6266	0.6266
1.66	0.4711	0.5868	0.4711	0.5868	0.6266	0.6266
2.16	0.4934	0.6134	0.4934	0.6134	0.6266	0.6266
2.66	0.4991	0.6201	0.4991	0.6201	0.6266	0.6266
3.16	0.5120	0.6353	0.5120	0.6353	0.6266	0.6266
3.66	0.5197	0.6444	0.5197	0.6444	0.6266	0.6266
4.66	0.5301	0.6566	0.5301	0.6566	0.6266	0.6266
6.66	0.5541	0.6846	0.5541	0.6846	0.6266	0.6266
8.66	0.5693	0.7023	0.5693	0.7023	0.6266	0.6266
10.66	0.5824	0.7175	0.5824	0.7175	0.6266	0.6266
12.66	0.5929	0.7296	0.5929	0.7296	0.6266	0.6266
14.66	0.5964	0.7336	0.5964	0.7336	0.6266	0.6266
16.[illegible]	0.6090	0.7481	0.6090	0.7481	0.6266	0.6266
18.66	0.6100	0.7501	0.6100	0.7501	0.6266	0.6266
20.66	0.6150	0.7558	0.6150	0.7558	0.6266	0.6266
25.67	0.6303	0.7723	0.6303	0.7723	0.6266	0.6266
30.66	0.6440	0.7878	0.6440	0.7878	0.6266	0.6266
35.66	0.6502	0.7948	0.6502	0.7948	0.6266	0.6266
40.66	0.6657	0.8122	0.6657	0.8122	0.6266	0.6266
45.66	0.6751	0.8227	0.6751	0.8227	0.6266	0.6266
50.67	0.6832	0.8318	0.6832	0.8318	0.6266	0.6266
55.66	0.6965	0.8465	0.6965	0.8465	0.6266	0.6266
60.66	0.7042	0.8550	0.7042	0.8550	0.6266	0.6266
70.66	0.7269	0.8800	0.7269	0.8800	0.6266	0.6266
80.66	0.7516	0.9069	0.7516	0.9069	0.6266	0.6266
90.71	0.7679	0.9246	0.7679	0.9246	0.6266	0.6266
101.43	0.7943	0.9528	0.7943	0.9528	0.6266	0.6266
111.43	0.8126	0.9722	0.8126	0.9722	0.6266	0.6266
121.43	0.8211	0.9812	0.8211	0.9812	0.6266	0.6266
131.44	0.8257	0.9860	0.8257	0.9860	0.6266	0.6266
141.43	0.8400	1.0010	0.8400	1.0010	0.6266	0.6266
151.44	0.8390	1.0000	0.8390	1.0000	0.6266	0.6266
161.43	0.8410	1.0021	0.8410	1.0021	0.6266	0.6266
171.43	0.8395	1.0005	0.8395	1.0005	0.6266	0.6266
181.43	0.8312	0.9918	0.8312	0.9918	0.6266	0.6266
191.48	0.8254	0.9857	0.8254	0.9657	0.6266	0.6266

Table [illegible] (continued)

M (NOMINAL) = 1.4

X=-729 MM   T0=300.7 K   DEL 995=32.4 MM
RE/M= 9.92*10^6 (MEASURED P)   ME=1.420 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3046	0.3046
0.69	0.7614	0.6813	0.7614	0.6813	0.3046	0.3046
0.89	0.7704	0.6076	0.7704	0.6076	0.3046	0.3046
1.09	0.8047	0.6317	0.8047	0.6317	0.3046	0.3046
1.30	0.8314	0.6501	0.8314	0.6501	0.3046	0.3046
1.50	0.8547	0.6660	0.8547	0.6660	0.3046	0.3046
1.70	0.8754	0.6800	0.8754	0.6806	0.3046	0.3046
2.19	0.9092	0.7026	0.9092	0.7026	0.3046	0.3046
2.69	0.9399	0.7228	0.9399	0.7228	0.3046	0.3046
3.19	0.9656	0.7395	0.9656	0.7395	0.3046	0.3046
3.70	0.9826	0.7505	0.9826	0.7505	0.3046	0.3046
4.69	1.0187	0.7734	1.0187	0.7734	0.3046	0.3046
6.[illegible]	1.0687	0.8044	1.0687	0.8044	0.3046	0.3046
8.69	1.1126	0.8310	1.1126	0.8310	0.3046	0.3046
10.[illegible]	1.1574	0.8575	1.1574	0.8575	0.3046	0.3046
12.68	1.1961	0.8798	1.1961	0.8798	0.3046	0.3046
14.69	1.2304	0.8993	1.2304	0.8993	0.3046	0.3046
16.[illegible]	1.2659	0.9190	1.2659	0.9190	0.3046	0.3046
18.68	1.2935	0.9340	1.2935	0.9340	0.3046	0.3046
20.74	1.3253	0.9511	1.3253	0.9511	0.3046	0.3046
23.21	1.3577	0.9681	1.3577	0.9681	0.3046	0.3046
25.70	1.3827	0.9810	1.3827	0.9810	0.3046	0.3046
28.18	1.4017	0.9908	1.4017	0.9908	0.3046	0.3046
30.68	1.4109	0.9954	1.4109	0.9954	0.3046	0.3046
33.19	1.4167	0.9984	1.4167	0.9984	0.3046	0.3046
35.68	1.4184	0.9992	1.4184	0.9992	0.3046	0.3046
38.18	1.4196	0.9998	1.4196	0.9998	0.3046	0.3046
40.69	1.4200	1.0000	1.4200	1.0000	0.3046	0.3046
45.[illegible]	1.4191	0.9996	1.4191	0.9996	0.3046	0.3046
102.11	1.4199	0.9999	1.4199	0.9999	0.3046	0.3046
112.15	1.4197	0.9999	1.4197	0.9999	0.3046	0.3046
122.16	1.4190	0.9995	1.4190	0.9995	0.3046	0.3046
132.10	1.4193	0.9996	1.4193	0.9996	0.3046	0.3046
142.11	1.4217	1.0009	1.4217	1.0009	0.3046	0.3046

M (NOMINAL) = 1.4

X=-635 MM   T0=300.9 K   DEL 995=33.0 MM
RE/M= 9.97*10^6 (MEASURED P)   ME=1.425 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3030	0.3030
0.69	0.7628	0.6008	0.7628	0.6006	0.3030	0.3030
0.90	0.7776	0.6112	0.7776	0.6112	0.3030	0.3030
1.09	0.8165	0.6341	0.8165	0.6341	0.3030	0.3030
1.29	0.8370	0.6523	0.8370	0.6523	0.3030	0.3030
1.50	0.8571	0.6660	0.8571	0.6660	0.3030	0.3030
1.71	0.8745	0.6777	0.8745	0.6777	0.3030	0.3030
2.19	0.9170	0.7060	0.9170	0.7060	0.3030	0.3030
2.69	0.9414	0.7220	0.9414	0.7226	0.3030	0.3030
3.20	0.9619	0.7353	0.9619	0.7353	0.3030	0.3030
3.68	0.9851	0.7502	0.9651	0.7562	0.3030	0.3030
4.66	1.0140	0.7685	1.0140	0.7685	0.3030	0.3030
6.68	1.0680	0.8020	1.0680	0.8020	0.3030	0.3030
8.68	1.1125	0.8288	1.1125	0.8286	0.3030	0.3030
10.66	1.1537	0.8532	1.1537	0.8532	0.3030	0.3030
12.69	1.1919	0.8752	1.1919	0.8752	0.3030	0.3030
14.69	1.2255	0.8943	1.2255	0.8943	0.3030	0.3030
16.[illegible]	1.2633	0.9153	1.2633	0.9153	0.3030	0.3030
18.68	1.2909	0.9303	1.2909	0.9303	0.3030	0.3030
20.68	1.3211	0.9465	1.3211	0.9465	0.3030	0.3030
23.18	1.3527	0.9631	1.3527	0.9631	0.3030	0.3030
25.69	1.3814	0.9779	1.3814	0.9779	0.3030	0.3030
28.18	1.4016	0.9883	1.4016	0.9883	0.3030	0.3030
30.68	1.4150	0.9950	1.4150	0.9950	0.3030	0.3030
33.19	1.4202	0.9976	1.4202	0.9976	0.3030	0.3030
35.69	1.4233	0.9991	1.4233	0.9991	0.3030	0.3030
38.21	1.4251	1.0001	1.4251	1.0001	0.3030	0.3030
40.70	1.4234	0.9992	1.4234	0.9992	0.3030	0.3030
45.69	1.4250	1.0000	1.4250	1.0000	0.3030	0.3030
102.11	1.4251	1.0001	1.4251	1.0001	0.3030	0.3030
112.10	1.4261	1.0006	1.4261	1.0006	0.3030	0.3030
122.10	1.4257	1.0004	1.4257	1.0004	0.3030	0.3030
132.10	1.4261	1.0006	1.4261	1.0006	0.3030	0.3030
142.12	1.4247	0.9999	1.4247	0.9999	0.3030	0.3030

M (NOMINAL) = 1.4

X=-537 MM   T0=300.8 K   DEL 995=34.2 MM
RE/M= 9.96*10^6 (MEASURED P)   ME=1.417 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3861	0.3861
0.69	0.7482	0.5928	0.7482	0.5928	0.3861	0.3861
0.90	0.7625	0.6030	0.7625	0.6030	0.3861	0.3861
1.08	0.7924	0.6240	0.7924	0.6240	0.3861	0.3861
1.29	0.8187	0.6423	0.8187	0.6423	0.3861	0.3861
1.46	0.8435	0.6594	0.8435	0.6594	0.3861	0.3861
1.69	0.8598	0.6699	0.8598	0.6699	0.3861	0.3861
2.19	0.8924	0.6925	0.8924	0.6925	0.3861	0.3861
2.68	0.9205	0.7111	0.9205	0.7111	0.3861	0.3861
3.18	0.9453	0.7274	0.9453	0.7274	0.3861	0.3861
3.69	0.9665	0.7412	0.9665	0.7412	0.3861	0.3861
4.69	1.0031	0.7647	1.0031	0.7647	0.3861	0.3861
6.70	1.0514	0.7949	1.0514	0.7949	0.3861	0.3861
8.72	1.0985	0.8237	1.0985	0.8237	0.3861	0.3861
10.69	1.1408	0.8456	1.1408	0.8456	0.3861	0.3861
12.70	1.1751	0.8691	1.1751	0.8691	0.3861	0.3861
14.70	1.2077	0.8878	1.2077	0.8878	0.3861	0.3861
16.71	1.2424	0.9074	1.2424	0.9074	0.3861	0.3861
18.68	1.2733	0.9245	1.2733	0.9245	0.3861	0.3861
20.73	1.3021	0.9401	1.3021	0.9401	0.3861	0.3861
23.18	1.3331	0.9567	1.3331	0.9567	0.3861	0.3861
25.73	1.3649	0.9733	1.3649	0.9733	0.3861	0.3861
28.19	1.3874	0.9850	1.3874	0.9850	0.3861	0.3861
30.69	1.4007	0.9918	1.4007	0.9918	0.3861	0.3861
33.19	1.4110	0.9970	1.4110	0.9970	0.3861	0.3861
35.69	1.4146	0.9988	1.4146	0.9988	0.3861	0.3861
38.21	1.4159	0.9994	1.4159	0.9994	0.3861	0.3861
40.73	1.4167	0.9999	1.4167	0.9999	0.3861	0.3861
45.68	1.4170	1.0000	1.4170	1.0000	0.3861	0.3861
50.69	1.4170	1.0000	1.4170	1.0000	0.3861	0.3861
102.11	1.4147	0.9989	1.4147	0.9989	0.3861	0.3861
112.11	1.4156	0.9993	1.4156	0.9993	0.3861	0.3861
122.15	1.4159	0.9994	1.4159	0.9994	0.3861	0.3861
132.11	1.4149	0.9989	1.4149	0.9989	0.3861	0.3861
142.15	1.4166	0.9998	1.4166	0.9998	0.3861	0.3861
152.11	1.4166	0.9998	1.4166	0.9998	0.3861	0.3861

M (NOMINAL) = 1.4

X=-439 MM   T0=300.7 K   DEL 995=34.4 MM
RE/M= 9.95*10^6 (MEASURED P)   ME=1.414 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3873	0.3873
0.69	0.7436	0.5904	0.7436	0.5904	0.3873	0.3873
0.90	0.7532	0.5973	0.7532	0.5973	0.3873	0.3873
1.09	0.7842	0.6192	0.7842	0.6192	0.3873	0.3873
1.29	0.8182	0.6374	0.8182	0.6374	0.3873	0.3873
1.49	0.8377	0.6538	0.8377	0.6538	0.3873	0.3873
1.69	0.8515	0.6659	0.8515	0.6659	0.3873	0.3873
2.18	0.8865	0.6894	0.8865	0.6894	0.3873	0.3873
2.68	0.9188	0.7111	0.9188	0.7111	0.3873	0.3873
3.18	0.9394	0.7250	0.9394	0.7250	0.3873	0.3873
3.67	0.9591	0.7376	0.9591	0.7376	0.3873	0.3873
4.66	0.9865	0.7565	0.9865	0.7565	0.3873	0.3873
6.71	1.0440	0.7866	1.0440	0.7866	0.3873	0.3873
8.69	1.0630	0.8156	1.0630	0.8156	0.3873	0.3873
10.69	1.1341	0.8404	1.1341	0.8404	0.3873	0.3873
12.69	1.1636	0.8677	1.1636	0.8677	0.3873	0.3873
14.66	1.1965	0.8828	1.1965	0.8828	0.3873	0.3873
16.69	1.2305	0.9020	1.2305	0.9020	0.3873	0.3873
18.69	1.2617	0.9195	1.2617	0.9195	0.3873	0.3873
20.70	1.2869	0.9337	1.2869	0.9337	0.3873	0.3873
23.20	1.3262	0.9544	1.3262	0.9544	0.3873	0.3873
25.69	1.3538	0.9690	1.3538	0.9690	0.3873	0.3873
28.18	1.3778	0.9815	1.3778	0.9815	0.3873	0.3873
30.69	1.3948	0.99[illegible]	1.3948	0.9902	0.3873	0.3873
33.18	1.4050	0.9954	1.4050	0.9954	0.3873	0.3873
35.69	1.4112	0.9986	1.4112	0.9986	0.3873	0.3873
38.19	1.4138	0.9999	1.4138	0.9999	0.3873	0.3873
40.70	1.4138	0.9999	1.4138	0.9999	0.3873	0.3873
45.69	1.4146	1.0000	1.4146	1.0000	0.3873	0.3873
50.70	1.4136	0.9998	1.4136	0.9998	0.3873	0.3873
55.71	1.4146	1.0004	1.4146	1.0004	0.3873	0.3873
102.11	1.4141	1.0001	1.4141	1.0001	0.3873	0.3873
112.11	1.4138	0.9999	1.4138	0.9999	0.3873	0.3873
122.12	1.4144	1.0002	1.4144	1.0002	0.3873	0.3873
132.11	1.4138	0.9999	1.4138	0.9999	0.3873	0.3873
142.12	1.4134	0.9997	1.4134	0.9997	0.3873	0.3873
152.12	1.4122	0.9991	1.4122	0.9991	0.3873	0.3873

M (NOMINAL)= 1.4

X=-343 MM T0=300.7 K DEL 995= 35.4 MM
RE/M= 9.96*10^6 (MEASURED P) ME=1.408 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3103	0.3103
0.69	0.7386	0.5806	0.7386	0.5806	0.3103	0.3103
0.89	0.7619	0.6053	0.7619	0.6053	0.3103	0.3103
1.09	0.7879	0.6237	0.7879	0.6237	0.3103	0.3103
1.29	0.8186	0.6452	0.8186	0.6452	0.3103	0.3103
1.49	0.8368	0.6578	0.8368	0.6578	0.3103	0.3103
1.72	0.8500	0.6668	0.8500	0.6668	0.3103	0.3103
2.20	0.8852	0.6908	0.8852	0.6908	0.3103	0.3103
2.70	0.9089	0.7067	0.9089	0.7067	0.3103	0.3103
3.20	0.9321	0.7221	0.9321	0.7221	0.3103	0.3103
3.69	0.9496	0.7336	0.9496	0.7336	0.3103	0.3103
4.70	0.9843	0.7561	0.9843	0.7561	0.3103	0.3103
6.69	1.0309	0.7858	1.0309	0.7858	0.3103	0.3103
8.68	1.0761	0.8139	1.0761	0.8139	0.3103	0.3103
10.68	1.1134	0.8365	1.1134	0.8365	0.3103	0.3103
12.72	1.1581	0.8584	1.1581	0.8584	0.3103	0.3103
14.68	1.1834	0.8779	1.1834	0.8779	0.3103	0.3103
16.68	1.2133	0.8958	1.2133	0.8958	0.3103	0.3103
18.69	1.2458	0.9134	1.2458	0.9134	0.3103	0.3103
20.68	1.2758	0.9300	1.2758	0.9300	0.3103	0.3103
23.19	1.3087	0.9480	1.3087	0.9480	0.3103	0.3103
25.69	1.3391	0.9642	1.3391	0.9642	0.3103	0.3103
28.18	1.3636	0.9771	1.3636	0.9771	0.3103	0.3103
30.69	1.3836	0.9875	1.3836	0.9875	0.3103	0.3103
33.22	1.3979	0.9948	1.3979	0.9948	0.3103	0.3103
35.70	1.4049	0.9984	1.4049	0.9984	0.3103	0.3103
38.21	1.4070	0.9995	1.4070	0.9995	0.3103	0.3103
40.69	1.4062	0.9991	1.4062	0.9991	0.3103	0.3103
45.70	1.4080	1.0000	1.4080	1.0000	0.3103	0.3103
102.11	1.4100	1.0010	1.4100	1.0010	0.3103	0.3103
112.10	1.4098	1.0009	1.4098	1.0009	0.3103	0.3103
122.10	1.4107	1.0014	1.4107	1.0014	0.3103	0.3103
132.11	1.4091	1.0006	1.4091	1.0006	0.3103	0.3103
142.11	1.4081	1.0001	1.4081	1.0001	0.3103	0.3103

M (NOMINAL)= 1.4

X=-292 MM T0=300.6 K DEL 995= 35.1 MM
RE/M= 9.99*10^6 (MEASURED P) ME=1.406 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3113	0.3113
0.69	0.7380	0.5888	0.7380	0.5888	0.3113	0.3113
0.89	0.7531	0.5996	0.7531	0.5996	0.3113	0.3113
1.09	0.7812	0.6196	0.7812	0.6196	0.3113	0.3113
1.29	0.8035	0.6353	0.8035	0.6353	0.3113	0.3113
1.49	0.8295	0.6534	0.8295	0.6534	0.3113	0.3113
1.72	0.8464	0.6651	0.8464	0.6651	0.3113	0.3113
2.22	0.8778	0.6865	0.8778	0.6865	0.3113	0.3113
2.71	0.9007	0.7019	0.9007	0.7019	0.3113	0.3113
3.19	0.9243	0.7177	0.9243	0.7177	0.3113	0.3113
3.78	0.9475	0.7330	0.9475	0.7330	0.3113	0.3113
4.72	0.9765	0.7518	0.9765	0.7518	0.3113	0.3113
6.71	1.0246	0.7825	1.0246	0.7825	0.3113	0.3113
8.72	1.0693	0.8104	1.0693	0.8104	0.3113	0.3113
10.69	1.1051	0.8324	1.1051	0.8324	0.3113	0.3113
12.70	1.1429	0.8550	1.1429	0.8550	0.3113	0.3113
14.75	1.1772	0.8752	1.1772	0.8752	0.3113	0.3113
16.69	1.2113	0.8948	1.2113	0.8948	0.3113	0.3113
18.69	1.2392	0.9107	1.2392	0.9107	0.3113	0.3113
20.70	1.2696	0.9276	1.2696	0.9276	0.3113	0.3113
23.33	1.3013	0.9449	1.3013	0.9449	0.3113	0.3113
25.70	1.3330	0.9620	1.3330	0.9620	0.3113	0.3113
28.22	1.3578	0.9751	1.3578	0.9751	0.3113	0.3113
30.79	1.3798	0.9866	1.3798	0.9866	0.3113	0.3113
33.32	1.3945	0.9941	1.3945	0.9941	0.3113	0.3113
35.72	1.4019	0.9979	1.4019	0.9979	0.3113	0.3113
38.19	1.4047	0.9994	1.4047	0.9994	0.3113	0.3113
40.69	1.4053	0.9996	1.4053	0.9996	0.3113	0.3113
45.72	1.4060	1.0000	1.4060	1.0000	0.3113	0.3113
50.73	1.4067	1.0004	1.4067	1.0004	0.3113	0.3113
102.11	1.4085	1.0013	1.4085	1.0013	0.3113	0.3113
112.11	1.4074	1.0007	1.4074	1.0007	0.3113	0.3113
122.12	1.4081	1.0011	1.4081	1.0011	0.3113	0.3113
132.21	1.4082	1.0011	1.4082	1.0011	0.3113	0.3113
142.11	1.4074	1.0007	1.4074	1.0007	0.3113	0.3113
152.15	1.4077	1.0009	1.4077	1.0009	0.3113	0.3113

M (NOMINAL)= 1.4

X=-245 MM T0=300.6 K DEL 995= 36.6 MM
RE/M=10.00*10^6 (MEASURED P) ME=1.396 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3163	0.3163
0.69	0.7241	0.5817	0.7241	0.5817	0.3163	0.3163
0.92	0.7570	0.6055	0.7570	0.6055	0.3163	0.3163
1.09	0.7777	0.6203	0.7777	0.6203	0.3163	0.3163
1.29	0.7995	0.6357	0.7995	0.6357	0.3163	0.3163
1.49	0.8171	0.6481	0.8171	0.6481	0.3163	0.3163
1.71	0.8377	0.6625	0.8377	0.6625	0.3163	0.3163
2.19	0.8657	0.6817	0.8657	0.6817	0.3163	0.3163
2.69	0.8894	0.6979	0.8894	0.6979	0.3163	0.3163
3.22	0.9151	0.7152	0.9151	0.7152	0.3163	0.3163
3.84	0.9374	0.7301	0.9374	0.7301	0.3163	0.3163
4.72	0.9632	0.7471	0.9632	0.7471	0.3163	0.3163
6.69	1.0128	0.7791	1.0128	0.7791	0.3163	0.3163
8.74	1.0529	0.8044	1.0529	0.8044	0.3163	0.3163
10.72	1.0900	0.8274	1.0900	0.8274	0.3163	0.3163
12.72	1.1288	0.8510	1.1288	0.8510	0.3163	0.3163
14.69	1.1613	0.8703	1.1613	0.8703	0.3163	0.3163
16.69	1.1958	0.8895	1.1958	0.8895	0.3163	0.3163
18.72	1.2253	0.9074	1.2253	0.9074	0.3163	0.3163
20.70	1.2544	0.9239	1.2544	0.9239	0.3163	0.3163
23.19	1.2882	0.9426	1.2882	0.9426	0.3163	0.3163
25.77	1.3180	0.9588	1.3180	0.9588	0.3163	0.3163
28.20	1.3437	0.9726	1.3437	0.9726	0.3163	0.3163
30.71	1.3670	0.9849	1.3670	0.9849	0.3163	0.3163
33.20	1.3812	0.9923	1.3812	0.9923	0.3163	0.3163
35.69	1.3908	0.9973	1.3908	0.9973	0.3163	0.3163
38.27	1.3931	0.9985	1.3931	0.9985	0.3163	0.3163
40.70	1.3933	0.9986	1.3933	0.9986	0.3163	0.3163
45.69	1.3960	1.0000	1.3960	1.0000	0.3163	0.3163
50.73	1.3960	1.0000	1.3960	1.0000	0.3163	0.3163
102.11	1.3963	1.0001	1.3963	1.0001	0.3163	0.3163
112.14	1.3956	0.9998	1.3956	0.9998	0.3163	0.3163
122.12	1.3960	1.0000	1.3960	1.0000	0.3163	0.3163
132.12	1.3959	0.9999	1.3959	0.9999	0.3163	0.3163
142.12	1.3938	0.9988	1.3938	0.9988	0.3163	0.3163
152.15	1.3947	0.9994	1.3947	0.9994	0.3163	0.3163

M (NOMINAL)= 1.4

X=-220 MM T0=300.4 K DEL 995= 37.0 MM
RE/M=10.03*10^6 (MEASURED P) ME=1.386 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3201	0.3201
0.69	0.7124	0.5762	0.7124	0.5762	0.3201	0.3201
0.90	0.7411	0.5971	0.7411	0.5971	0.3201	0.3201
1.13	0.7698	0.6178	0.7698	0.6178	0.3201	0.3201
1.31	0.9139	0.7181	0.9139	0.7181	0.3201	0.3201
1.49	0.8039	0.6421	0.8039	0.6421	0.3201	0.3201
1.69	0.8216	0.6546	0.8216	0.6546	0.3201	0.3201
2.20	0.8514	0.6754	0.8514	0.6754	0.3201	0.3201
2.69	0.8807	0.6956	0.8807	0.6956	0.3201	0.3201
3.22	0.9045	0.7118	0.9045	0.7118	0.3201	0.3201
3.72	0.9220	0.7235	0.9220	0.7235	0.3201	0.3201
4.98	0.9558	0.7460	0.9558	0.7460	0.3201	0.3201
6.70	1.0007	0.7753	1.0007	0.7753	0.3201	0.3201
8.71	1.0398	0.8003	1.0398	0.8003	0.3201	0.3201
10.70	1.0765	0.8234	1.0765	0.8234	0.3201	0.3201
12.70	1.1157	0.8475	1.1157	0.8475	0.3201	0.3201
14.69	1.1787	0.8851	1.1787	0.8851	0.3201	0.3201
16.69	1.1787	0.8851	1.1787	0.8851	0.3201	0.3201
18.72	1.2125	0.9048	1.2125	0.9048	0.3201	0.3201
20.70	1.2402	0.9206	1.2402	0.9206	0.3201	0.3201
23.20	1.2739	0.9396	1.2739	0.9396	0.3201	0.3201
25.72	1.3050	0.9568	1.3050	0.9568	0.3201	0.3201
28.27	1.3331	0.9720	1.3331	0.9720	0.3201	0.3201
30.70	1.3551	0.9837	1.3551	0.9837	0.3201	0.3201
33.19	1.3681	0.9906	1.3681	0.9906	0.3201	0.3201
35.69	1.3774	0.9955	1.3774	0.9955	0.3201	0.3201
38.25	1.3828	0.9983	1.3828	0.9983	0.3201	0.3201
40.70	1.3846	0.9993	1.3846	0.9993	0.3201	0.3201
45.85	1.3860	1.0000	1.3860	1.0000	0.3201	0.3201
50.74	1.3853	0.9996	1.3853	0.9996	0.3201	0.3201
102.11	1.3838	0.9988	1.3838	0.9988	0.3201	0.3201
112.12	1.3828	0.9983	1.3828	0.9983	0.3201	0.3201
122.12	1.3839	0.9989	1.3839	0.9989	0.3201	0.3201
132.12	1.3841	0.9990	1.3841	0.9990	0.3201	0.3201
142.12	1.3838	0.9988	1.3838	0.9988	0.3201	0.3201
152.16	1.3831	0.9985	1.3831	0.9985	0.3201	0.3201

M (NOMINAL)= 1.4

X=-192 MM T0=300.3 K DEL 995= 37.5 MM
RE/M=10.04*10^6 (MEASURED P) ME=1.384 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3224	0.3225
0.69	0.6978	0.5669	0.6978	0.5669	0.3224	0.3224
0.89	0.7238	0.5861	0.7238	0.5861	0.3224	0.3224
1.10	0.7522	0.6068	0.7522	0.6068	0.3224	0.3224
1.28	0.7728	0.6216	0.7728	0.6216	0.3224	0.3223
1.48	0.7892	0.6334	0.7892	0.6334	0.3224	0.3223
1.70	0.8102	0.6483	0.8102	0.6483	0.3224	0.3223
2.20	0.8427	0.6711	0.8427	0.6711	0.3224	0.3222
2.70	0.8680	0.6886	0.8680	0.6886	0.3224	0.3222
3.19	0.8909	0.7044	0.8909	0.7044	0.3224	0.3221
3.69	0.9069	0.7153	0.9069	0.7153	0.3224	0.3220
4.68	0.9392	0.7370	0.9392	0.7370	0.3224	0.3219
6.72	0.9921	0.7718	0.9921	0.7718	0.3224	0.3216
8.69	1.0323	0.7977	1.0323	0.7977	0.3224	0.3214
10.69	1.0715	0.8224	1.0715	0.8224	0.3224	0.3211
12.70	1.1048	0.8430	1.1048	0.8430	0.3224	0.3209
14.70	1.1379	0.8631	1.1379	0.8631	0.3224	0.3207
16.68	1.1682	0.8812	1.1682	0.8812	0.3224	0.3206
18.70	1.2017	0.9009	1.2017	0.9009	0.3224	0.3204
20.68	1.2313	0.9180	1.2313	0.9180	0.3224	0.3203
23.20	1.2653	0.9372	1.2653	0.9372	0.3224	0.3202
25.68	1.2950	0.9537	1.2950	0.9537	0.3224	0.3202
28.19	1.3244	0.9698	1.3244	0.9696	0.3224	0.3201
30.69	1.3462	0.9816	1.3464	0.9800	0.3223	0.3202
33.19	1.3626	0.9903	1.3635	0.9891	0.3221	0.3203
35.70	1.3720	0.9953	1.3736	0.9944	0.3218	0.3204
38.21	1.3764	0.9976	1.3786	0.9971	0.3216	0.3207
40.70	1.3799	0.9994	1.3826	0.9992	0.3214	0.3210
45.72	1.3810	1.0000	1.3842	1.0000	0.3212	0.3212
50.82	1.3806	0.9998	1.3842	1.0000	0.3210	0.3210
55.[illegible]	1.3798	0.9993	1.3839	0.9998	0.3209	0.3209
102.11	1.3775	0.9982	1.3859	1.0009	0.3193	0.3193
112.11	1.3796	0.9993	1.3895	1.0028	0.3188	0.3188
122.10	1.3791	0.9990	1.3900	1.0030	0.3183	0.3183
132.11	1.3785	0.9987	1.3902	1.0031	0.3181	0.3181
142.12	1.3775	0.9982	1.3899	1.0030	0.3178	0.3178
152.24	1.3770	0.9979	1.3900	1.0030	0.3176	0.3176
157.15	1.3769	0.9978	1.3902	1.0031	0.3175	0.3175

M (NOMINAL)= 1.4

X=-171 MM T0=300.2 K DEL 995= 36.6 MM
RE/M=10.04*10^6 (MEASURED P) ME=1.387 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3253	0.3281
0.69	0.7027	0.5730	0.7027	0.5730	0.3253	0.3279
0.89	0.7189	0.5849	0.7189	0.5849	0.3253	0.3278
1.09	0.7436	0.6031	0.7436	0.6031	0.3253	0.3277
1.28	0.7666	0.6199	0.7665	0.6179	0.3253	0.3277
1.49	0.7848	0.6329	0.7848	0.6329	0.3253	0.3276
1.69	0.8014	0.6448	0.8014	0.6448	0.3253	0.3275
2.20	0.8377	0.6704	0.8377	0.6704	0.3253	0.3273
2.70	0.8629	0.6881	0.8629	0.6881	0.3253	0.3272
3.20	0.88[illegible]	0.7021	0.88[illegible]	0.7021	0.3253	0.3270
3.70	0.9022	0.7151	0.9022	0.7151	0.3253	0.3268
4.68	0.9287	0.7[illegible]	0.9287	0.7[illegible]	0.3253	0.3265
6.69	0.9643	0.7700	0.9643	0.7700	0.3253	0.3260
8.70	1.0269	0.7976	1.0269	0.7976	0.3253	0.3255
10.68	1.0686	0.8196	1.0612	0.8155	0.3251	0.3250
12.70	1.0969	0.8417	1.0985	0.8370	0.3245	0.3245
14.69	1.1300	0.8620	1.1336	0.8580	0.3239	0.3240
16.68	1.1596	0.8798	1.164[illegible]	0.8766	[illegible]	[illegible]
18.69	1.1981	0.8979	1.1968	0.8954	0.322[illegible]	0.3234
20.68	1.2283	0.9155	1.2282	0.9135	0.3222	0.3231
23.19	1.2585	0.9373	1.2671	0.9355	0.3220	0.3225
25.69	1.2875	0.9536	1.2968	0.9519	0.3217	0.3220
28.18	1.3130	0.9677	1.3238	0.9663	0.3215	0.3217
30.70	1.3365	0.9805	1.3472	0.979[illegible]	0.321[illegible]	0.3214
33.21	1.3547	0.9903	1.3662	0.9893	0.3210	0.3211
35.69	1.3649	0.9957	1.3771	0.9950	0.3207	0.3208
38.19	1.3712	0.9991	1.3841	0.9987	0.3205	0.3206
40.70	1.3730	1.0000	1.3866	1.0000	[illegible]	[illegible]
45.75	1.3738	1.0004	1.3888	1.0011	0.3197	0.3197
50.72	[illegible]	1.0001	1.3894	1.0015	[illegible]	[illegible]
102.11	1.3726	0.9998	1.3890	1.0012	[illegible]	[illegible]
112.10	1.3712	0.9991	1.3890	1.0012	0.3167	0.3167
122.10	1.3707	0.9988	1.3900	1.0018	0.3161	0.3161
132.12	1.3705	0.9987	[illegible]	[illegible]	[illegible]	[illegible]
142.12	1.3704	0.9986	1.3958	1.0044	0.3162	0.3162
152.14	1.3709	0.9989	1.3969	1.0054	0.3157	0.3157
152.14	1.3709	0.9989	1.3969	1.0054	0.3157	0.3157

M (NOMINAL)= 1.4

X=-144 MM T0=299.9 K DEL 995= 37.1 MM
RE/M=10.06*10^6 (MEASURED P) ME=1.375 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3375	0.3401
0.69	0.6595	0.5500	0.6595	0.5500	0.3375	0.3399
0.89	0.6689	0.5572	0.6689	0.5572	0.3375	0.3399
1.09	0.6950	0.5771	0.6950	0.5771	0.3375	0.3398
1.29	0.7160	0.5929	0.7160	0.5929	0.3375	0.3397
1.49	0.7389	0.6100	0.7389	0.6100	0.3375	0.3396
1.69	0.7570	0.6235	0.7570	0.6235	0.3375	0.3395
2.19	0.7960	0.6521	0.7960	0.6521	0.3375	0.3392
2.69	0.8216	0.6706	0.8216	0.6706	[illegible]	0.3389
3.19	0.8417	0.6850	0.8417	0.6850	[illegible]	0.3386
3.69	0.8679	0.7007	0.8679	0.7007	[illegible]	0.3383
4.69	0.8951	0.722[illegible]	0.8951	0.722[illegible]	[illegible]	[illegible]
6.69	0.9465	0.7579	0.9474	0.7448	[illegible]	[illegible]
8.69	[illegible]	0.785[illegible]	0.9891	0.772[illegible]	[illegible]	[illegible]
10.69	1.0279	0.8121	1.0317	0.7995	[illegible]	[illegible]
12.69	1.0619	0.8341	[illegible]	0.822[illegible]	[illegible]	0.3340
14.7[illegible]	1.0961	0.8558	1.1044	0.8454	[illegible]	[illegible]
16.68	1.1274	0.875[illegible]	1.1381	0.8660	[illegible]	[illegible]
18.69	1.1600	0.895[illegible]	1.1731	0.8870	0.3322	0.3315
20.7[illegible]	1.1911	0.9141	1.2065	0.9065	0.3313	0.3307
23.19	1.22[illegible]	0.9332	1.2406	0.9262	0.3305	0.3298
25.69	1.2514	0.9496	1.2700	0.9433	0.3298	0.3289
28.20	1.28[illegible]	0.9678	1.3046	0.9621	0.3290	0.3281
30.69	1.3051	0.9801	1.3287	0.975[illegible]	0.3282	0.327[illegible]
33.19	1.3221	0.9896	1.3485	0.9859	0.3272	0.3266
35.72	1.3324	0.9953	1.3616	0.9929	0.3262	0.3259
38.19	1.3387	0.9987	1.3705	0.9977	0.3252	0.3253
40.71	1.3410	1.0000	1.3749	1.0000	0.3244	0.3247
45.69	1.3419	1.0005	1.37[illegible]	1.0012	0.3239	0.3239
50.78	1.3415	1.0003	1.3782	1.0017	0.3234	0.3234
55.66	1.3410	1.0000	1.3799	1.0021	0.3229	0.3229
102.11	1.3402	0.9996	1.3874	1.0065	0.3195	0.3195
112.11	1.3402	0.9996	1.3874	1.0065	0.3195	0.3195
122.1[illegible]	1.3399	0.9994	1.3871	1.0064	0.3195	0.3195
132.11	1.3397	0.9993	1.3874	1.0066	0.3193	0.3193
142.13	1.3387	0.9987	1.3892	1.0075	0.3183	0.3183
152.12	1.3382	0.9985	1.3914	1.0086	0.3173	0.3173
157.10	1.3371	0.9979	1.3916	1.0088	0.3168	0.3168

M (NOMINAL)= 1.4

X=-120 MM T0=299.[illegible] K DEL 995= [illegible] MM
RE/M=10.01*10^6 (MEASURED P) ME=1.355 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.351[illegible]	[illegible]
0.69	0.6076	0.5196	0.6076	0.5196	0.351[illegible]	[illegible]
0.88	0.6355	0.5417	0.6355	0.5417	0.351[illegible]	0.357[illegible]
1.09	0.657[illegible]	0.5589	0.657[illegible]	0.5589	0.351[illegible]	0.357[illegible]
1.30	0.67[illegible]	0.5715	0.67[illegible]	0.5715	0.351[illegible]	[illegible]
1.49	0.700[illegible]	0.5924	0.700[illegible]	0.5924	0.351[illegible]	[illegible]
1.[illegible]	0.7188	0.6065	0.7188	0.6065	0.351[illegible]	[illegible]
[illegible]	0.752[illegible]	0.6321	0.752[illegible]	0.6321	0.351[illegible]	[illegible]
[illegible]	0.7734	0.64[illegible]	0.7734	0.64[illegible]	0.351[illegible]	[illegible]
[illegible]	0.8051	[illegible]	0.8051	0.671	[illegible]	[illegible]
[illegible]	0.81[illegible]	0.6769	0.81[illegible]	0.6769	[illegible]	[illegible]
4.6[illegible]	0.8514	0.7051	0.8514	0.7051	[illegible]	[illegible]
[illegible]	[illegible]	0.741[illegible]	0.9025	0.741[illegible]	0.351[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.351[illegible]	[illegible]
10.69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12.7[illegible]	1.02[illegible]	[illegible]	[illegible]	0.8624	0.3510	[illegible]
14.69	[illegible]	[illegible]	1.0611	0.8276	[illegible]	[illegible]
16.69	1.0657	[illegible]	[illegible]	0.8436	[illegible]	[illegible]
18.70	1.1130	[illegible]	1.1151	0.8689	[illegible]	[illegible]
20.69	1.1489	[illegible]	1.152[illegible]	0.8837	0.3496	0.3444
23.19	1.185[illegible]	[illegible]	1.1930	0.9000	0.3481	0.342[illegible]
25.68	1.2210	[illegible]	1.2[illegible]	0.9[illegible]14	[illegible]	0.3414
28.20	1.2474	0.9654	1.263[illegible]	[illegible]	0.3446	0.3401
30.70	1.2741	0.9810	1.2946	[illegible]	[illegible]	[illegible]
33.21	1.286[illegible]	0.988[illegible]	1.3124	0.9765	0.3402	[illegible]
35.68	1.[illegible]16	0.9969	1.3[illegible]25	0.9875	[illegible]	[illegible]
38.19	1.[illegible]65	0.9997	1.3425	0.9930	[illegible]	[illegible]
40.[illegible]	1.[illegible]	1.0010	1.349[illegible]	0.9969	[illegible]	[illegible]
45.69	1.[illegible]70	1.0000	1.3555	1.0000	0.3319	[illegible]
50.69	1.[illegible]79	1.0006	1.3640	1.0046	[illegible]	[illegible]
102.11	1.[illegible]	[illegible]	1.3960	1.0216	[illegible]	[illegible]
112.11	1.[illegible]45	0.9986	1.3945	1.0206	0.316[illegible]	[illegible]
122.11	1.[illegible]	0.9983	1.39[illegible]	1.0205	0.316[illegible]	[illegible]
132.12	1.[illegible]56	0.999[illegible]	1.3956	1.0214	0.316[illegible]	[illegible]
142.15	1.[illegible]49	0.9988	1.3952	1.0212	0.3162	[illegible]
152.11	1.[illegible]53	0.9990	1.3970	1.0221	0.3157	[illegible]

M (NOMINAL)= 1.4

X=-95 MM T0=299.4 K DEL 995= 38.7 MM
RE/M=10.22*10^6 (MEASURED P) ME=1.335 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3802	0.3843
0.69	0.5028	0.4474	0.5028	0.4474	0.3802	0.3837
0.89	0.5204	0.4690	0.5204	0.4690	0.3802	0.3835
1.09	0.5494	0.4866	0.5494	0.4866	0.3802	0.3834
1.29	0.5721	0.5055	0.5721	0.5055	0.3802	0.3832
1.49	0.5895	0.5199	0.5895	0.5199	0.3802	0.3830
1.69	0.5948	0.5243	0.5948	0.5243	0.3802	0.3829
2.19	0.6392	0.5605	0.6392	0.5605	0.3802	0.3824
2.70	0.6607	0.5779	0.6607	0.5779	0.3802	0.3820
3.09	0.6847	0.5971	0.6847	0.5971	0.3802	0.3817
3.71	0.7138	0.6202	0.7138	0.6202	0.3802	0.3812
4.70	0.7510	0.6493	0.7510	0.6493	0.3802	0.3803
6.73	0.8135	0.6973	0.8153	0.6684	0.3795	0.3786
8.70	0.8566	0.7296	0.8603	0.7005	0.3787	0.3772
10.69	0.8971	0.7594	0.9026	0.7303	0.3779	0.3757
12.69	0.9309	0.7839	0.9382	0.7548	0.3771	0.3743
14.93	0.9836	0.8212	0.9927	0.7916	0.3762	0.3726
16.72	0.9972	0.8307	1.0079	0.8017	0.3755	0.3710
18.72	1.0362	0.8575	1.0484	0.8282	0.3747	0.3693
20.72	1.0604	0.8793	1.0827	0.8503	0.3737	0.3676
23.22	1.1140	0.9100	1.1329	0.8818	0.3719	0.3652
25.74	1.1420	0.9276	1.1640	0.9009	0.3702	0.3628
28.22	1.1759	0.9492	1.2018	0.9236	0.3684	0.3600
30.72	1.2063	0.9683	1.2372	0.9445	0.3663	0.3589
33.19	1.2264	0.9806	1.2639	0.9600	0.3634	0.3571
35.70	1.2438	0.9914	1.2887	0.9742	0.3604	0.3552
38.18	1.2526	0.9969	1.3049	0.9833	0.3574	0.3534
40.68	1.2482	0.9941	1.3076	0.9849	0.3542	0.3515
45.75	1.2500	1.0000	1.3348	1.0000	0.3472	0.3472
50.71	1.2443	0.9917	1.3377	1.0016	0.3403	0.3403
55.70	1.2409	0.9945	1.3577	1.0125	0.3344	0.3344
60.68	1.2437	0.9913	1.3670	1.0176	0.3287	0.3287
70.71	1.2425	0.9906	1.3866	1.0282	0.3208	0.3208
80.70	1.2400	0.9895	1.3977	1.0341	0.3161	0.3161
90.72	1.2419	0.9902	1.4014	1.0361	0.3152	0.3152
102.11	1.2414	0.9899	1.4015	1.0361	0.3150	0.3150
112.11	1.2395	0.9888	1.4017	1.0362	0.3142	0.3142
122.14	1.2403	0.9892	1.4025	1.0366	0.3142	0.3142
132.14	1.2406	0.9895	1.4029	1.0369	0.3142	0.3142
142.10	1.2413	0.9898	1.4035	1.0372	0.3142	0.3142
152.13	1.2395	0.9886	1.4023	1.0365	0.3140	0.3140
162.10	1.2400	0.9895	1.4056	1.0384	0.3132	0.3132
172.13	1.2416	0.9901	1.4067	1.0389	0.3132	0.3132
182.12	1.2406	0.9895	1.4057	1.0383	0.3132	0.3132
192.14	1.2424	0.9905	1.4075	1.0393	0.3132	0.3132

M (NOMINAL)= 1.4

X=-73 MM T0=298.9 K DEL 995= 40.6 MM
RE/M=10.29*10^6 (MEASURED P) ME=1.279 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4056	0.4126
0.69	0.4184	0.3865	0.4184	0.3865	0.4056	0.4121
0.89	0.4452	0.4103	0.4452	0.4103	0.4056	0.4120
1.09	0.4652	0.4280	0.4652	0.4280	0.4056	0.4118
1.29	0.4679	0.4304	0.4679	0.4304	0.4056	0.4117
1.48	0.4832	0.4438	0.4832	0.4438	0.4056	0.4116
1.69	0.4959	0.4549	0.4959	0.4549	0.4056	0.4114
2.18	0.5157	0.4722	0.5157	0.4722	0.4056	0.4111
2.69	0.5519	0.5035	0.5519	0.5035	0.4056	0.4107
3.18	0.5734	0.5219	0.5734	0.5219	0.4056	0.4104
3.68	0.6023	0.5465	0.6023	0.5465	0.4056	0.4100
4.69	0.6435	0.5811	0.6435	0.5811	0.4056	0.4092
6.73	0.7207	0.6446	0.7216	0.6186	0.4053	0.4077
8.77	0.7620	0.6778	0.7640	0.6512	0.4048	0.4061
10.75	0.8016	0.7091	0.8048	0.6822	0.4043	0.4046
12.75	0.8322	0.7329	0.8373	0.7063	0.4035	0.4029
14.67	0.8653	0.7583	0.8720	0.7318	0.4027	0.4012
16.67	0.9207	0.8000	0.9289	0.7727	0.4019	0.3993
18.71	0.9691	0.8355	0.9788	0.8077	0.4011	0.3974
20.71	0.9947	0.8540	1.0065	0.8268	0.4001	0.3957
23.19	1.0427	0.8880	1.0577	0.8613	0.3984	0.3935
25.68	1.0852	0.9174	1.1038	0.8916	0.3966	0.3913
28.20	1.1021	0.9289	1.1242	0.9048	0.3949	0.3889
30.71	1.1316	0.9488	1.1580	0.9263	0.3928	0.3865
33.19	1.1605	0.9679	1.1927	0.9480	0.3901	0.3841
35.70	1.1865	0.9849	1.2247	0.9676	0.3873	0.3816
38.19	1.1990	0.9929	1.2432	0.9787	0.3846	0.3790
40.70	1.2071	0.9981	1.2581	0.9877	0.3815	0.3766
45.71	1.2100	1.0000	1.2789	1.0000	0.3735	0.3726
50.70	1.2079	0.9987	1.2955	1.0097	0.3653	0.3653
55.70	1.2101	1.0001	1.3200	1.0240	0.3558	0.3558
60.72	1.1998	0.9935	1.3324	1.0310	0.3463	0.3463
70.71	1.1974	0.9919	1.3742	1.0546	0.3289	0.3289
80.70	1.1937	0.9895	1.3960	1.0667	0.3193	0.3193
90.70	1.1871	0.9853	1.4019	1.0699	0.3146	0.3146
102.11	1.1858	0.9844	1.3999	1.0689	0.3148	0.3148
112.17	1.1849	0.9839	1.3969	1.0672	0.3156	0.3156
122.13	1.1864	0.9848	1.3984	1.0680	0.3156	0.3156
132.13	1.1860	0.9846	1.3980	1.0678	0.3156	0.3156
142.12	1.1870	0.9852	1.3990	1.0684	0.3156	0.3156
152.12	1.1862	0.9847	1.3981	1.0679	0.3156	0.3156
162.14	1.1866	0.9850	1.3986	1.0681	0.3156	0.3156
172.13	1.1868	0.9850	1.3994	1.0685	0.3154	0.3154
182.12	1.1862	0.9847	1.4015	1.0697	0.3144	0.3144
192.12	1.1853	0.9841	1.4032	1.0706	0.3135	0.3135

M (NOMINAL)= 1.4

X=-48 MM T0=298.2 K DEL 995= 44.2 MM
RE/M=10.27*10^6 (MEASURED P) ME=1.213 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4353	0.4506
0.69	0.3481	0.3346	0.3481	0.3348	0.4353	0.4504
0.89	0.3591	0.3451	0.3591	0.3451	0.4353	0.4503
1.10	0.3575	0.3435	0.3575	0.3435	0.4353	0.4501
1.29	0.3723	0.3574	0.3723	0.3574	0.4353	0.4500
1.49	0.3645	0.3500	0.3645	0.3500	0.4353	0.4499
1.71	0.3957	0.3792	0.3957	0.3792	0.4353	0.4496
2.28	0.4003	0.3835	0.4003	0.3835	0.4353	0.4494
2.71	0.4222	0.4037	0.4222	0.4037	0.4353	0.4491
3.22	0.4412	0.4212	0.4412	0.4212	0.4353	[illegible]
3.69	0.4557	0.4344	0.4557	0.4344	0.4353	0.4485
4.71	0.4974	0.4725	0.4974	0.4725	0.4353	0.4479
6.70	0.5719	0.5392	0.5719	0.5392	0.4351	0.4465
8.73	0.6419	0.6004	0.6419	0.6004	[illegible]	0.4451
10.82	0.6695	0.6242	0.6696	0.6019	0.4352	0.4437
12.71	0.7401	0.6838	0.7408	0.6597	0.4350	0.4424
14.70	0.7714	0.7096	0.7725	0.6858	0.4348	0.4410
16.70	0.7906	0.7253	0.7921	0.7005	0.4346	0.4395
18.69	0.8501	0.7734	0.8522	0.7476	0.4344	0.4379
20.70	0.8679	0.7871	0.8709	0.7611	[illegible]	0.4362
23.20	0.9349	0.8393	0.9409	0.8136	0.4324	0.4343
25.77	0.9708	0.8666	0.9746	0.8419	0.4308	0.4322
28.19	1.0265	0.9078	1.0386	0.8832	0.4294	0.4300
30.70	1.0320	0.9119	1.0466	0.8897	0.4279	0.4277
35.70	1.0885	0.9524	1.1096	0.9325	0.4243	0.4232
40.69	1.1422	0.9899	1.1709	0.9731	0.4204	0.4185
45.74	1.1557	0.9991	1.1975	0.9903	0.4138	0.4138
50.88	1.1570	1.0000	1.2126	1.0000	0.4070	0.4070
55.75	1.1582	1.0008	1.2266	1.0103	0.3997	[illegible]
60.82	1.1569	0.9999	1.2441	1.0199	0.3918	[illegible]
70.67	1.1571	1.0001	1.2829	1.0439	[illegible]	[illegible]
80.69	1.1388	0.9876	1.3038	1.0562	[illegible]	[illegible]
90.73	1.1532	0.9974	[illegible]	1.0850	[illegible]	[illegible]
102.11	1.1339	0.9841	[illegible]	[illegible]	[illegible]	[illegible]
112.24	1.1292	0.9809	1.3654	1.0932	[illegible]	[illegible]
122.12	1.1290	0.9808	1.3657	1.0934	[illegible]	[illegible]
132.12	1.1292	[illegible]	[illegible]	1.0951	[illegible]	[illegible]
142.11	1.1285	[illegible]	1.3700	1.0959	[illegible]	[illegible]
152.30	1.1287	0.9805	[illegible]	1.0963	[illegible]	[illegible]
162.24	1.1288	0.9806	[illegible]	1.0971	[illegible]	[illegible]
172.09	1.1268	0.9792	1.3700	1.0964	[illegible]	[illegible]
182.11	1.1268	0.9792	1.3706	1.0964	[illegible]	[illegible]
192.15	1.1277	0.9799	1.3718	1.0964	[illegible]	[illegible]

M (NOMINAL)= 1.4

X=-24 MM T0=29[illegible] K DEL 995= 48.6 MM
RE/M=10.25*10^6 (MEASURED P) ME=1.123 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4638	0.4895
0.69	0.2162	0.2169	0.2162	0.2169	0.4638	[illegible]
0.90	0.2137	0.2144	0.2137	0.2144	0.4638	0.4892
1.09	0.2547	0.2551	0.2547	0.2551	0.4638	0.4891
1.32	0.2613	0.2616	0.2613	0.2616	0.4638	0.4891
1.56	0.2843	0.2843	0.2843	0.2843	0.4638	0.4890
1.74	0.2996	0.2993	0.2996	0.2993	0.4638	0.4889
2.21	0.2990	0.2987	0.2990	0.2987	0.4638	0.4888
2.72	0.2987	0.2984	0.2987	0.2984	0.4638	0.4886
3.22	0.3122	0.3116	0.3122	0.3116	0.4638	0.4884
3.72	0.3271	0.3262	0.3271	0.3262	0.4638	0.4883
4.71	0.3589	0.3572	0.3589	0.3572	0.4638	0.4879
6.71	0.4488	0.4435	0.4488	0.4435	0.4638	0.4872
8.71	0.4815	0.4745	0.4815	0.4745	0.4638	0.4865
10.70	0.5048	0.4963	0.5050	0.4910	0.4637	0.4857
12.73	0.5594	0.5470	0.5662	0.5416	0.4635	0.4850
14.70	0.6377	0.6182	0.6390	0.6124	0.4633	0.4843
16.74	0.6982	0.6718	0.6998	0.6657	0.4631	0.4835
18.69	0.7060	0.6805	0.7162	0.6747	0.4629	0.4828
20.72	0.7772	0.7400	0.7796	0.7337	0.4627	0.4821
25.70	0.8391	0.7919	0.8424	0.7857	0.4622	0.4795
30.69	0.9405	0.8739	0.9446	0.8677	0.4617	0.4767
35.74	1.0297	0.9428	1.0355	0.9365	0.4607	0.4738
40.71	1.0686	0.9718	1.0762	0.9665	0.4594	0.4701
45.75	1.0969	0.9927	1.1072	0.9840	0.4581	0.4661
50.70	1.1066	0.9997	1.1195	0.9976	0.4566	0.4615
55.70	1.1070	1.0000	1.1226	1.0000	0.4551	0.4566
60.72	1.1041	0.9979	1.1228	1.0001	0.4514	0.4514
70.74	1.1066	0.9997	1.1344	1.0083	0.4464	0.4464
80.71	1.1074	1.0003	1.1449	1.0157	0.4432	0.4432
90.72	1.1074	1.0003	1.1599	1.0262	0.4352	0.4352
102.11	1.1053	0.9988	1.1752	1.0372	0.4259	0.4259
112.12	1.1050	0.9985	1.1943	1.0500	0.4167	0.4167
122.14	1.0825	0.9821	1.1969	1.0518	0.4036	0.4036
132.11	1.0816	0.9815	1.2270	1.0722	0.3890	0.3890
142.13	1.0811	0.9811	1.2685	1.0997	0.3699	0.3699
152.12	1.0768	0.9779	1.3172	1.1312	0.3473	0.3473
162.14	1.0759	0.9772	1.3652	1.1614	0.3280	0.3280
172.16	1.0759	0.9772	1.3944	1.1793	0.3171	0.3171
182.13	1.0763	0.9776	1.3995	1.1824	0.3154	0.3154
192.14	1.0769	0.9780	1.3929	1.1784	0.3181	0.3181

Table [illegible] (continued)

M (NOMINAL)= 1.4

X= 1 MM T0=296.3 K DEL 995= 51.1 MM
RE/M=10.10*10^6 (MEASURED P) ME=1.829 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4790	0.4488
0.69	0.1656	0.1697	0.1656	0.1697	0.4790	0.4496
0.90	0.2179	0.2229	0.2179	0.2229	0.4790	0.4498
1.09	0.2238	0.2288	0.2238	0.2288	0.4790	0.4500
1.29	0.2112	0.2161	0.2112	0.2161	0.4790	0.4502
1.50	0.2274	0.2325	0.2274	0.2325	0.4790	0.4504
1.69	0.2423	0.2475	0.2423	0.2475	0.4790	0.4507
2.23	0.2250	0.2300	0.2250	0.2300	0.4790	0.4512
2.75	0.2547	0.2600	0.2547	0.2600	0.4790	0.4518
3.25	0.2384	0.2435	0.2384	0.2435	0.4790	0.4523
3.70	0.2585	0.2638	0.2585	0.2638	0.4790	[illegible]
4.71	0.2839	0.2894	0.2839	0.2894	0.4790	0.4539
6.72	0.3332	0.3386	0.3316	0.3509	0.4793	0.4561
8.70	0.3799	0.3848	0.3769	0.3975	0.4797	0.4583
10.79	0.4203	0.4244	0.4160	0.4375	0.4802	0.4606
12.73	0.4814	0.4835	0.4763	0.4984	0.4805	0.4627
14.73	0.5473	0.5462	0.5417	0.5631	0.4809	0.4649
16.70	0.5918	0.5879	0.5855	0.6059	0.4813	0.4670
18.73	0.6136	0.6080	0.6064	0.6268	0.4817	0.4692
20.72	0.6856	0.6737	0.6783	0.6943	0.4821	0.4714
25.74	0.7945	0.7693	0.7858	0.7930	0.4831	0.4768
30.71	0.8618	0.8262	0.8586	0.8584	0.4846	0.4822
35.71	0.9216	0.8755	0.9024	0.8952	0.4891	0.4877
40.69	1.0063	0.9429	0.9801	0.9682	0.4938	0.4931
45.73	1.0615	0.9853	1.0267	0.9981	0.4993	0.4986
50.74	1.0758	0.9961	1.0321	1.0024	0.5047	0.5041
55.72	1.0810	1.0000	1.0291	1.0000	0.5097	0.5095
60.71	1.0814	1.0003	1.0212	0.9937	0.5148	0.5148
70.71	1.0801	0.9993	1.0018	0.9788	0.5258	0.5258
80.74	1.0806	0.9997	0.9842	0.9636	0.5369	0.5369
102.11	1.0794	0.9968	0.9445	0.9387	0.5609	0.5609
112.21	1.0806	0.9997	0.9307	0.9191	0.5704	0.5704
122.14	1.0802	0.9994	0.9138	0.9048	0.5809	0.5809
132.13	1.0771	0.9971	0.8965	0.8982	0.5897	0.5897
142.11	1.0687	0.9847	0.8658	0.8637	0.5975	0.5975
152.16	1.0675	0.9823	0.8513	0.8511	0.6043	0.6043
162.13	1.0568	0.9817	0.8416	0.8426	0.6099	0.6099
172.13	1.0542	0.9798	0.8323	0.8344	0.6139	0.6139
182.16	1.0499	0.9765	0.8211	0.8245	0.6176	0.6176

M (NOMINAL)= 1.4

X= 50 MM T0=298.7 K DEL 995= 56.3 MM
RE/M= 9.95*10^6 (MEASURED P) ME=1.015 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5036	0.4754
0.69	0.1496	0.1504	0.1496	0.1504	0.5036	0.4759
0.90	0.1701	0.1800	0.1701	0.1800	0.5036	0.4760
1.09	0.1662	0.1759	0.1662	0.1759	0.5036	0.4762
1.30	0.1779	0.1882	0.1779	0.1882	0.5036	0.4763
1.49	0.1628	0.1723	0.1628	0.1723	0.5036	0.4765
1.69	0.1829	0.1934	0.1829	0.1934	0.5036	0.4766
2.20	0.1979	0.2092	0.1979	0.2092	0.5036	0.4770
2.71	0.1889	0.1998	0.1889	0.1998	0.5036	0.4773
3.19	0.1913	0.2023	0.1913	0.2023	0.5036	0.4777
[illegible]	0.1963	0.2075	0.1963	0.2075	0.5036	0.4781
4.74	0.2211	0.2335	0.2211	0.2335	0.5036	0.4788
6.70	0.2662	0.2805	0.2662	0.2805	0.5036	0.4802
8.70	0.2658	0.2801	0.2658	0.2801	0.5036	0.4816
10.70	0.3114	0.3273	0.3114	0.3273	0.5036	0.4830
12.69	0.3437	0.3605	0.3437	0.3605	0.5036	0.4844
14.74	0.3871	0.4048	0.3871	0.4048	0.5036	0.4859
16.70	0.4391	0.4573	0.4391	0.4573	0.5036	0.4873
18.72	0.4692	0.4874	0.4692	0.4874	0.5036	0.4887
20.70	0.4974	0.5153	0.4969	0.5249	0.5037	0.4901
25.70	0.6031	0.6180	0.6003	0.6273	0.5047	0.4937
30.70	0.7196	0.7272	0.7150	0.7369	0.5058	0.4972
35.71	0.8306	0.8265	0.8234	0.8368	0.5073	0.5008
40.70	0.8961	0.8828	0.8867	0.8919	0.5087	0.5043
45.72	0.9665	0.9415	0.9558	0.9510	0.5097	0.5079
50.74	1.0078	0.9751	0.9950	0.9837	0.5111	0.5114
55.70	1.0346	0.9965	1.0164	1.0012	0.5146	0.5150
60.71	1.0398	1.0000	1.0149	1.0000	0.5182	0.5185
70.71	1.0390	1.0000	1.0017	0.9892	0.5262	0.5262
80.71	1.0391	1.0001	0.9875	0.9774	0.5350	0.5350
102.11	1.0382	0.9993	0.9636	0.9575	0.5493	0.5493
112.12	1.0385	0.9996	0.9511	0.9470	0.5573	0.5573
122.12	1.0386	0.9997	0.9392	0.9370	0.5649	0.5649
132.12	1.0374	0.9998	0.9285	0.9279	0.5709	0.5709
142.12	1.0306	0.9933	0.9116	0.9134	0.5769	0.5769
152.16	1.0168	0.9823	0.8873	0.8924	0.5827	0.5827
162.13	1.0150	0.9809	0.8777	0.8841	0.5875	0.5875
172.13	1.0126	0.9790	0.8694	0.8767	0.5910	0.5910
182.13	1.0122	0.9786	0.8667	0.8744	0.5924	0.5924

M (NOMINAL)= 1.4

X= 99 MM T0=296.6 K DEL 995= 59.1 MM
RE/M= 9.92*10^6 (MEASURED P) ME=0.995 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5201	0.5007
0.69	0.1669	0.1805	0.1669	0.1805	0.5201	0.5010
0.91	0.1733	0.1874	0.1733	0.1874	0.5201	0.5011
1.09	0.1772	0.1916	0.1772	0.1916	0.5201	0.5012
1.30	0.1683	0.1820	0.1683	0.1820	0.5201	0.5012
1.49	0.1866	0.2017	0.1866	0.2017	0.5201	0.5013
1.69	0.1875	0.2027	0.1875	0.2027	0.5201	0.5014
2.19	0.1786	0.1931	0.1786	0.1931	0.5201	0.5016
2.72	0.1866	0.2017	0.1866	0.2017	0.5201	0.5019
3.19	0.2011	0.2172	0.2011	0.2172	0.5201	0.5020
3.69	0.1863	0.2014	0.1863	0.2014	0.5201	0.5023
4.69	0.1893	0.2046	0.1893	0.2046	0.5201	0.5027
6.70	0.2503	0.2698	0.2503	0.2696	0.5201	0.5035
8.70	0.2438	0.2629	0.2438	0.2629	0.5201	0.5044
10.69	0.2816	0.3031	0.2816	0.3031	0.5201	0.5052
12.70	0.2964	0.3187	0.2964	0.3187	0.5201	0.5060
14.71	0.3374	0.3619	0.3374	0.3619	0.5201	0.5069
16.70	0.3707	0.3966	0.3707	0.3966	0.5201	0.5077
18.72	0.4063	0.4336	0.4063	0.4336	0.5201	0.5086
20.71	0.4476	0.4768	0.4476	0.4768	0.5201	0.5094
25.70	0.5446	0.5739	0.5446	0.5739	0.5201	0.5115
30.72	0.6519	0.6788	0.6518	0.6883	0.5202	0.5136
35.69	0.7462	0.7678	0.7451	0.7776	0.5207	0.5157
40.71	0.8325	0.8462	0.8303	0.8562	0.5212	0.5178
45.70	0.9157	0.9191	0.9119	0.9288	0.5222	0.5199
50.71	0.9725	0.9673	0.9671	0.9764	0.5233	0.5220
55.72	0.9998	0.9899	0.9928	0.9974	0.5248	0.5241
60.74	1.0100	0.9990	1.0005	1.0046	0.5264	0.5263
70.71	1.0120	1.0000	0.9950	1.0000	0.5305	0.5305
80.70	1.0117	0.9997	0.9865	0.9928	0.5355	0.5355
90.69	1.0107	0.9989	0.9760	0.9840	0.5414	0.5414
100.67	1.0111	0.9992	0.9700	0.9789	0.5454	0.5454
102.11	1.0120	1.0000	0.9701	0.9789	0.5459	0.5454
112.11	1.0107	0.9989	0.9620	0.9720	0.5502	0.5502
122.13	1.0116	0.9997	0.9549	0.9660	0.5552	0.5552
132.14	1.0099	0.9983	0.9456	0.9582	0.5597	0.5597
142.13	1.0064	0.9954	0.9371	0.9507	0.5630	0.5630
152.13	0.9985	0.9823	0.9141	0.9307	0.5670	0.5670
162.16	0.9804	0.9805	0.9054	0.9231	0.5710	0.5710
172.13	0.9862	0.9787	0.8973	0.9160	0.5745	0.5745
182.12	0.9835	0.9764	0.8918	0.9112	0.5761	0.5761
192.11	0.9835	0.9764	0.8918	0.9112	0.5761	0.5761
202.09	0.9812	0.9746	0.8894	0.9091	0.5761	0.5761

M (NOMINAL)= 1.4

X= 148 MM T0=298.4 K DEL 995= 60.5 MM
RE/M= 9.92*10^6 (MEASURED P) ME=0.988 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5307	0.5163
0.69	0.1720	0.1887	0.1720	0.1887	0.5307	0.5165
0.89	0.1791	0.1964	0.1791	0.1964	0.5307	0.5165
1.10	0.1864	0.2043	0.1864	0.2043	0.5307	0.5166
1.29	0.1997	0.2188	0.1997	0.2188	0.5307	0.5166
1.49	0.2174	0.2380	0.2174	0.2380	0.5307	0.5167
1.70	0.1900	0.2083	0.1900	0.2083	0.5307	0.5168
2.19	0.1918	0.2102	0.1918	0.2102	0.5307	0.5169
2.69	0.1952	0.2139	0.1952	0.2139	0.5307	0.5170
3.19	0.2242	0.2454	0.2242	0.2454	0.5307	0.5171
3.69	0.2277	0.2491	0.2277	0.2491	0.5307	0.5173
4.69	0.2226	0.2436	0.2226	0.2436	0.5307	0.5175
6.70	0.2284	0.2499	0.2284	0.2499	0.5307	0.5181
8.69	0.2581	0.2820	0.2581	0.2820	0.5307	0.5186
10.70	0.2733	0.2984	0.2733	0.2984	0.5307	0.5191
12.69	0.2986	0.3256	0.2986	0.3256	0.5307	0.5196
14.70	0.3318	0.3611	0.3318	0.3611	0.5307	0.5202
16.70	0.3667	0.3980	0.3667	0.3980	0.5307	0.5207
18.71	0.3894	0.4220	0.3894	0.4220	0.5307	0.5212
20.70	0.4389	0.4738	0.4389	0.4738	0.5307	0.5217
25.70	0.5182	0.5553	0.5182	0.5553	0.5307	0.5230
30.71	0.6209	0.6581	0.6209	0.6581	0.5307	0.5243
35.71	0.7081	0.7426	0.7081	0.7426	0.5307	0.5257
40.69	0.7995	0.8281	0.7995	0.8281	0.5307	0.5270
45.69	0.8814	0.9020	0.8814	0.9020	0.5307	0.5283
50.72	0.9374	0.9510	0.9373	0.9563	0.5308	0.5296
55.71	0.9792	0.9867	0.9782	0.9915	0.5313	0.5309
60.72	0.9915	0.9971	0.9895	1.0010	0.5319	0.5322
70.69	0.9950	1.0000	0.9883	1.0000	0.5348	0.5348
80.70	0.9956	1.0005	0.9856	0.9977	0.5369	0.5369
90.69	0.9947	0.9997	0.9798	0.9928	0.5399	0.5399
100.62	0.9947	0.9997	0.9751	0.9888	0.5428	0.5428
112.12	0.9946	0.9997	0.9710	0.9853	0.5453	0.5453
122.12	0.9942	0.9993	0.9661	0.9811	0.5481	0.5481
132.13	0.9930	0.9983	0.9614	0.9771	0.5503	0.5503
142.11	0.9894	0.9953	0.9532	0.9701	0.5531	0.5531
152.14	0.9729	0.9814	0.9327	0.9523	0.5553	0.5553
162.14	0.9698	0.9787	0.9250	0.9456	0.5581	0.5581
172.11	0.9689	0.9780	0.9212	0.9423	0.5599	0.5599
182.12	0.9665	0.9760	0.9171	0.9387	0.5609	0.5609
192.11	0.9667	0.9761	0.9158	0.9375	0.5618	0.5618
202.04	0.9658	0.9754	0.9138	0.9358	0.5625	0.5625

M (NOMINAL) = 1.4

X= 197 MM   T0=298.2 K   DEL 995= 61.0 MM
RE/M= 9.92*10^6 (MEASURED P)   ME=0.984 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5378	0.5360
0.69	0.1559	0.1726	0.1559	0.1726	0.5378	0.5360
0.91	0.1954	0.2162	0.1954	0.2162	0.5378	0.5360
1.10	0.2272	0.2510	0.2272	0.2510	0.5378	0.5360
1.30	0.2075	0.2294	0.2075	0.2294	0.5378	0.5360
1.49	0.2035	0.2250	0.2035	0.2250	0.5378	0.5361
1.69	0.2129	0.2354	0.2129	0.2354	0.5378	0.5361
2.10	0.2137	0.2362	0.2137	0.2362	0.5378	0.5361
2.69	0.2177	0.2405	0.2177	0.2405	0.5378	0.5361
3.19	0.2272	0.2510	0.2272	0.2510	0.5378	0.5361
3.72	0.2321	0.2563	0.2321	0.2563	0.5378	0.5361
4.69	0.2567	0.2832	0.2567	0.2832	0.5378	0.5361
6.72	0.2716	0.2993	0.2716	0.2993	0.5378	0.5362
8.69	0.2755	0.3036	0.2755	0.3036	0.5378	0.5362
10.74	0.2994	0.3295	0.2994	0.3295	0.5378	0.5363
12.72	0.3323	0.3649	0.3323	0.3649	0.5378	0.5364
14.71	0.3358	0.3687	0.3358	0.3687	0.5378	0.5364
16.70	0.3718	0.4072	0.3718	0.4072	0.5378	0.5365
18.69	0.4044	0.4419	0.4044	0.4419	0.5378	0.5365
20.75	0.4280	0.4668	0.4280	0.4668	0.5378	0.5366
25.71	0.5161	0.5584	0.5161	0.5584	0.5378	0.5367
30.70	0.6075	0.6509	0.6075	0.6509	0.5378	0.5368
35.70	0.6973	0.7391	0.6973	0.7391	0.5378	0.5370
40.69	0.7820	0.8196	0.7820	0.8196	0.5378	0.5371
45.69	0.8654	0.8961	0.8654	0.8961	0.5378	0.5372
50.69	0.9236	0.9478	0.9236	0.9478	0.5378	0.5374
55.71	0.9638	0.9827	0.9638	0.9827	0.5378	0.5375
60.70	0.9798	0.9964	0.9798	0.9964	0.5378	0.5376
70.73	0.9840	1.0000	0.9839	1.0000	0.5379	0.5379
80.70	0.9836	0.9997	0.9818	0.9982	0.5389	0.5389
90.70	0.9837	0.9997	0.9786	0.9955	0.5409	0.5409
100.67	0.9831	0.9992	0.9750	0.9924	0.5429	0.5429
112.16	0.9835	0.9996	0.9735	0.9911	0.5440	0.5440
122.17	0.9827	0.9989	0.9708	0.9888	0.5452	0.5452
132.12	0.9830	0.9992	0.9679	0.9863	0.5472	0.5472
142.11	0.9770	0.9940	0.9589	0.9786	0.5490	0.5490
147.11	0.9720	0.9897	0.9530	0.9735	0.5495	0.5495
152.11	0.9619	0.9810	0.9416	0.9636	0.5502	0.5502
162.12	0.9585	0.9782	0.9350	0.9578	0.5522	0.5522
182.12	0.9562	0.9761	0.9284	0.9521	0.5548	0.5548
192.12	0.9541	0.9743	0.9260	0.9500	0.5549	0.5549
202.09	0.9540	0.9743	0.9248	0.9490	0.5556	0.5556

M (NOMINAL) = 1.4

X= 246 MM   T0=298.1 K   DEL 995= 61.? MM
RE/M= 9.92*10^6 (MEASURED P)   ME=0.973 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5445	0.5445
0.69	0.2164	0.2414	0.2164	0.2414	0.5445	0.5445
0.89	0.2160	0.2410	0.2160	0.2410	0.5445	0.5445
1.09	0.2201	0.2455	0.2201	0.2455	0.5445	0.5445
1.30	0.2292	0.2556	0.2292	0.2556	0.5445	0.5445
1.49	0.2408	0.2684	0.2408	0.2684	0.5445	0.5445
1.71	0.2408	0.2684	0.2408	0.2684	0.5445	0.5445
2.20	0.2565	0.2856	0.2565	0.2856	0.5445	0.5445
2.70	0.2475	0.2758	0.2475	0.2758	0.5445	0.5445
3.19	0.2715	0.3020	0.2715	0.3020	0.5445	0.5445
3.72	0.2493	0.2777	0.2493	0.2777	0.5445	0.5445
4.70	0.2595	0.2889	0.2595	0.2889	0.5445	0.5445
6.70	0.2874	0.3195	0.2874	0.3195	0.5445	0.5445
8.69	0.3131	0.3476	0.3131	0.3476	0.5445	0.5445
10.69	0.3120	0.3464	0.3120	0.3464	0.5445	0.5445
12.70	0.3453	0.3825	0.3453	0.3825	0.5445	0.5445
14.71	0.3660	0.4049	0.3660	0.4049	0.5445	0.5445
16.69	0.3910	0.4317	0.3910	0.4317	0.5445	0.5445
18.69	0.4246	0.4676	0.4246	0.4676	0.5445	0.5445
20.71	0.4467	0.4910	0.4467	0.4910	0.5445	0.5445
25.70	0.5268	0.5747	0.5268	0.5747	0.5445	0.5445
30.71	0.6085	0.6561	0.6085	0.6561	0.5445	0.5445
35.70	0.6895	0.7385	0.6895	0.7385	0.5445	0.5445
40.69	0.7657	0.8119	0.7657	0.8119	0.5445	0.5445
45.71	0.8476	0.8883	0.8476	0.8883	0.5445	0.5445
50.71	0.9103	0.9450	0.9103	0.9450	0.5445	0.5445
55.70	0.9493	0.9794	0.9493	0.9794	0.5445	0.5445
60.70	0.9686	0.9962	0.9686	0.9962	0.5445	0.5445
70.70	0.9739	1.0000	0.9739	1.0000	0.5445	0.5445
80.70	0.9730	1.0000	0.9729	1.0000	0.5446	0.5446
90.70	0.9730	1.0000	0.9714	0.9987	0.5455	0.5455
100.67	0.9722	0.9993	0.9706	0.9988	0.5455	0.5455
112.11	0.9734	1.0003	0.9714	0.9988	0.5457	0.5457
122.13	0.9729	0.9999	0.9693	0.9969	0.5467	0.5467
132.13	0.9722	0.9993	0.9671	0.9950	0.5477	0.5477
142.11	0.9678	0.9955	0.9611	0.9898	0.5487	0.5487
147.13	0.9557	0.9850	0.9480	0.9784	0.5492	0.5492
152.13	0.9516	0.9814	0.9431	0.9741	0.5497	0.5497
162.12	0.9479	0.9782	0.9378	0.9694	0.5507	0.5507
172.12	0.9470	0.9774	0.9353	0.9672	0.5517	0.5517
182.12	0.9449	0.9755	0.9318	0.9642	0.5525	0.5525
192.12	0.9439	0.9747	0.9306	0.9631	0.5526	0.5526
202.09	0.9433	0.9742	0.9289	0.9616	0.5533	0.5533

M (NOMINAL) = 1.4

X= 295 MM   T0=297.7 K   DEL 995= 61.7 MM
RE/M= 9.89*10^6 (MEASURED P)   ME=0.963 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5585	0.5585
0.69	0.2426	0.2727	0.2426	0.2727	0.5585	0.5585
0.90	0.2578	0.2887	0.2578	0.2887	0.5585	0.5585
1.09	0.2418	0.2709	0.2418	0.2709	0.5585	0.5585
1.30	0.2494	0.2803	0.2494	0.2803	0.5585	0.5585
1.49	0.2669	0.2997	0.2669	0.2997	0.5585	0.5585
1.70	0.2604	0.2924	0.2604	0.2924	0.5585	0.5585
2.20	0.2721	0.3054	0.2721	0.3054	0.5585	0.5585
2.69	0.2672	0.3000	0.2672	0.3000	0.5585	0.5585
3.19	0.2712	0.3044	0.2712	0.3044	0.5585	0.5585
3.70	0.2846	0.3194	0.2846	0.3194	0.5585	0.5585
4.69	0.3021	0.3385	0.3021	0.3385	0.5585	0.5585
6.74	0.3089	0.3468	0.3089	0.3468	0.5585	0.5585
8.75	0.3256	0.3643	0.3256	0.3643	0.5585	0.5585
10.72	0.3338	0.3732	0.3338	0.3732	0.5585	0.5585
12.75	0.3635	0.4057	0.3635	0.4057	0.5585	0.5585
14.75	0.3772	0.4205	0.3772	0.4205	0.5585	0.5585
16.70	0.3938	0.4376	0.3938	0.4376	0.5585	0.5585
18.69	0.4281	0.4753	0.4281	0.4753	0.5585	0.5585
20.71	0.4547	0.5038	0.4547	0.5038	0.5585	0.5585
25.70	0.5339	0.5871	0.5339	0.5871	0.5585	0.5585
30.73	0.6028	0.6581	0.6028	0.6581	0.5585	0.5585
35.69	0.6763	0.7319	0.6763	0.7319	0.5585	0.5585
40.74	0.7529	0.8067	0.7529	0.8067	0.5585	0.5585
45.71	0.8204	0.8782	0.8204	0.8782	0.5585	0.5585
50.72	0.8960	0.9403	0.8960	0.9403	0.5585	0.5585
55.70	0.9381	0.9780	0.9381	0.9780	0.5585	0.5585
60.75	0.9580	0.9956	0.9580	0.9956	0.5585	0.5585
70.90	0.9638	1.0000	0.9638	1.0000	0.5585	0.5585
80.71	0.9639	1.0000	0.9639	1.0000	0.5585	0.5585
90.70	0.9624	0.9995	0.9624	0.9995	0.5585	0.5585
100.67	0.9621	0.9992	0.9621	0.9992	0.5585	0.5585
112.14	0.9617	0.9989	0.9617	0.9989	0.5585	0.5585
122.13	0.9621	0.9992	0.9621	0.9992	0.5585	0.5585
132.15	0.9621	0.9992	0.9621	0.9992	0.5585	0.5585
142.16	0.9581	0.9957	0.9577	0.9954	0.5587	0.5587
147.13	0.9467	0.9857	0.9456	0.9847	0.5512	0.5512
152.14	0.9417	0.9815	0.9401	0.9798	0.5515	0.5515
162.17	0.9385	0.9784	0.9369	0.9770	0.5515	0.5515
172.12	0.9357	0.9760	0.9337	0.9742	0.5517	0.5517
182.12	0.9361	0.9763	0.9329	0.9734	0.5525	0.5525
192.12	0.9333	0.9738	0.9301	0.9709	0.5525	0.5525
202.09	0.9324	0.9730	0.9291	0.9701	0.5525	0.5525

M (NOMINAL) = 1.4

X= 342 MM   T0=297.5 K   DEL 995= 63.5 MM
RE/M= 9.89*10^6 (MEASURED P)   ME=0.956 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5551	0.5551
0.69	0.2505	0.2832	0.2505	0.2832	0.5551	0.5551
0.89	0.2741	0.3095	0.2741	0.3095	0.5551	0.5551
1.10	0.2779	0.3137	0.2779	0.3137	0.5551	0.5551
1.29	0.2783	0.3142	0.2783	0.3142	0.5551	0.5551
1.49	0.2767	0.3124	0.2767	0.3124	0.5551	0.5551
1.72	0.2624	0.2965	0.2624	0.2965	0.5551	0.5551
2.19	0.2655	0.2999	0.2655	0.2999	0.5551	0.5551
2.72	0.3062	0.3451	0.3062	0.3451	0.5551	0.5551
3.22	0.2944	0.3321	0.2944	0.3321	0.5551	0.5551
3.70	0.3018	0.3402	0.3018	0.3402	0.5551	0.5551
4.74	0.3160	0.3559	0.3160	0.3559	0.5551	0.5551
6.75	0.3307	0.3721	0.3307	0.3721	0.5551	0.5551
8.69	0.3485	0.3918	0.3485	0.3918	0.5551	0.5551
10.71	0.3613	0.4057	0.3613	0.4057	0.5551	0.5551
12.74	0.3691	0.4143	0.3691	0.4143	0.5551	0.5551
14.71	0.3954	0.4429	0.3954	0.4429	0.5551	0.5551
16.73	0.4156	0.4648	0.4156	0.4648	0.5551	0.5551
18.78	0.4331	0.4837	0.4331	0.4837	0.5551	0.5551
20.73	0.4620	0.5147	0.4620	0.5147	0.5551	0.5551
25.72	0.5356	0.5925	0.5356	0.5925	0.5551	0.5551
30.73	0.6020	0.6613	0.6020	0.6613	0.5551	0.5551
35.75	0.6755	0.7356	0.6755	0.7356	0.5551	0.5551
40.77	0.7514	0.8103	0.7514	0.8103	0.5551	0.5551
45.73	0.8219	0.8776	0.8219	0.8776	0.5551	0.5551
50.85	0.8854	0.9365	0.8854	0.9365	0.5551	0.5551
55.90	0.9265	0.9755	0.9265	0.9755	0.5551	0.5551
60.69	0.9479	0.9928	0.9479	0.9928	0.5551	0.5551
70.92	0.9562	1.0002	0.9562	1.0002	0.5551	0.5551
80.90	0.9560	1.0000	0.9560	1.0000	0.5551	0.5551
90.70	0.9547	0.9988	0.9547	0.9988	0.5551	0.5551
100.64	0.9542	0.9984	0.9542	0.9984	0.5551	0.5551
112.13	0.9555	0.9996	0.9555	0.9996	0.5551	0.5551
122.15	0.9549	0.9991	0.9549	0.9991	0.5551	0.5551
132.15	0.9539	0.9981	0.9539	0.9981	0.5551	0.5551
142.19	0.9483	0.9931	0.9483	0.9931	0.5551	0.5551
147.15	0.9396	0.9854	0.9396	0.9854	0.5551	0.5551
152.27	0.9343	0.9807	0.9343	0.9807	0.5551	0.5551
162.11	0.9306	0.9774	0.9306	0.9774	0.5551	0.5551
172.34	0.9295	0.9764	0.9295	0.9764	0.5551	0.5551
182.12	0.9278	0.9749	0.9278	0.9749	0.5551	0.5551
192.12	0.9252	0.9726	0.9252	0.9726	0.5551	0.5551
202.06	0.9236	0.9711	0.9236	0.9711	0.5551	0.5551

Table [illegible] (Continued)

M (NOMINAL)= 1.4

X= 444 MM   T0=297.8 K   DEL 995= 66.2 MM
RE/M= 9.84*10^6 (MEASURED P)   ME=0.942 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5642	0.5642
0.69	0.2855	0.3262	0.2855	0.3262	0.5642	0.5642
0.89	0.2950	0.3369	0.2950	0.3369	0.5642	0.5642
1.09	0.2999	0.3424	0.2999	0.3424	0.5642	0.5642
1.33	0.3089	0.3525	0.3089	0.3525	0.5642	0.5642
1.49	0.3065	0.3498	0.3065	0.3498	0.5642	0.5642
1.69	0.3156	0.3599	0.3156	0.3599	0.5642	0.5642
2.19	0.3133	0.3574	0.3133	0.3574	0.5642	0.5642
2.71	0.3419	0.3893	0.3419	0.3893	0.5642	0.5642
3.19	0.3326	0.3790	0.3326	0.3790	0.5642	0.5642
3.69	0.3395	0.3866	0.3395	0.3866	0.5642	0.5642
4.71	0.3551	0.4040	0.3551	0.4040	0.5642	0.5642
6.73	0.3624	0.4121	0.3624	0.4121	0.5642	0.5642
8.04	0.3734	0.4243	0.3734	0.4243	0.5642	0.5642
10.69	0.3898	0.4423	0.3898	0.4423	0.5642	0.5642
12.72	0.4230	0.4787	0.4230	0.4787	0.5642	0.5642
14.72	0.4244	0.4803	0.4244	0.4803	0.5642	0.5642
16.70	0.4403	0.4976	0.4403	0.4976	0.5642	0.5642
18.75	0.4642	0.5236	0.4642	0.5236	0.5642	0.5642
20.79	0.4765	0.5368	0.4765	0.5368	0.5642	0.5642
25.71	0.5387	0.6033	0.5387	0.6033	0.5642	0.5642
30.92	0.6050	0.6728	0.6050	0.6728	0.5642	0.5642
35.70	0.6647	0.7339	0.6647	0.7339	0.5642	0.5642
40.69	0.7328	0.8021	0.7328	0.8021	0.5642	0.5642
45.72	0.7995	0.8672	0.7995	0.8672	0.5642	0.5642
50.04	0.8504	0.9232	0.8504	0.9232	0.5642	0.5642
55.71	0.9027	0.9642	0.9027	0.9642	0.5642	0.5642
60.99	0.9269	0.9864	0.9269	0.9864	0.5642	0.5642
70.70	0.9410	0.9991	0.9410	0.9991	0.5642	0.5642
80.92	0.9420	1.0000	0.9420	1.0000	0.5642	0.5642
90.71	0.9419	0.9999	0.9419	0.9999	0.5642	0.5642
100.63	0.9414	0.9995	0.9414	0.9995	0.5642	0.5642
112.11	0.9407	0.9988	0.9407	0.9988	0.5642	0.5642
122.21	0.9411	0.9991	0.9411	0.9991	0.5642	0.5642
132.34	0.9397	0.9980	0.9397	0.9980	0.5642	0.5642
137.12	0.9379	0.9963	0.9379	0.9963	0.5642	0.5642
142.11	0.9274	0.9868	0.9274	0.9868	0.5642	0.5642
147.14	0.9208	0.9808	0.9208	0.9808	0.5642	0.5642
152.26	0.9176	0.9779	0.9176	0.9779	0.5642	0.5642
162.41	0.9162	0.9766	0.9162	0.9766	0.5642	0.5642
172.12	0.9139	0.9745	0.9139	0.9745	0.5642	0.5642
182.34	0.9134	0.9740	0.9134	0.9740	0.5642	0.5642
192.13	0.9125	0.9732	0.9125	0.9732	0.5642	0.5642
202.05	0.9116	0.9724	0.9116	0.9724	0.5642	0.5642

M (NOMINAL)= 1.4

X= 539 MM   T0=296.7 K   DEL 995= 70.2 MM
RE/M= 9.80*10^6 (MEASURED P)   ME=0.931 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5713	0.5713
0.69	0.3119	0.3594	0.3119	0.3594	0.5713	0.5713
0.90	0.3250	0.3742	0.3250	0.3742	0.5713	0.5713
1.09	0.3255	0.3747	0.3255	0.3747	0.5713	0.5713
1.29	0.3368	0.3875	0.3368	0.3875	0.5713	0.5713
1.50	0.3351	0.3855	0.3351	0.3855	0.5713	0.5713
1.70	0.3385	0.3894	0.3385	0.3894	0.5713	0.5713
2.19	0.3510	0.4034	0.3510	0.4034	0.5713	0.5713
2.70	0.3570	0.4102	0.3570	0.4102	0.5713	0.5713
3.20	0.3663	0.4205	0.3663	0.4205	0.5713	0.5713
3.70	0.3722	0.4272	0.3722	0.4272	0.5713	0.5713
4.71	0.3698	0.4245	0.3698	0.4245	0.5713	0.5713
6.71	0.3952	0.4528	0.3952	0.4528	0.5713	0.5713
8.71	0.4147	0.4744	0.4147	0.4744	0.5713	0.5713
10.70	0.4181	0.4782	0.4181	0.4782	0.5713	0.5713
12.69	0.4216	0.4821	0.4216	0.4821	0.5713	0.5713
14.72	0.4551	0.5188	0.4551	0.5188	0.5713	0.5713
16.70	0.4770	0.5428	0.4770	0.5428	0.5713	0.5713
18.71	0.4994	0.5671	0.4994	0.5671	0.5713	0.5713
20.71	0.5087	0.5771	0.5087	0.5771	0.5713	0.5713
25.69	0.5578	0.6297	0.5578	0.6297	0.5713	0.5713
30.72	0.6098	0.6845	0.6098	0.6845	0.5713	0.5713
35.71	0.6673	0.7440	0.6673	0.7440	0.5713	0.5713
40.69	0.7293	0.8067	0.7293	0.8067	0.5713	0.5713
45.71	0.7823	0.8592	0.7823	0.8592	0.5713	0.5713
50.72	0.8370	0.9120	0.8370	0.9120	0.5713	0.5713
55.69	0.8799	0.9526	0.8799	0.9526	0.5713	0.5713
60.82	0.9080	0.9788	0.9080	0.9788	0.5713	0.5713
70.71	0.9284	0.9976	0.9284	0.9976	0.5713	0.5713
80.71	0.9385	0.9996	0.9385	0.9996	0.5713	0.5713
90.72	0.9310	1.0000	0.9310	1.0000	0.5713	0.5713
100.63	0.9385	0.9996	0.9385	0.9996	0.5713	0.5713
112.12	0.9383	0.9993	0.9383	0.9993	0.5713	0.5713
122.13	0.9310	1.0000	0.9310	1.0000	0.5713	0.5713
132.14	0.9288	0.9979	0.9288	0.9979	0.5713	0.5713
137.13	0.9278	0.9971	0.9278	0.9971	0.5713	0.5713
142.11	0.9182	0.9882	0.9182	0.9882	0.5713	0.5713
147.13	0.9094	0.9801	0.9094	0.9801	0.5713	0.5713
152.14	0.9058	0.9768	0.9058	0.9768	0.5713	0.5713
162.24	0.9037	0.9749	0.9037	0.9749	0.5713	0.5713
172.13	0.9031	0.9743	0.9031	0.9743	0.5713	0.5713
182.13	0.9015	0.9728	0.9015	0.9728	0.5713	0.5713
192.14	0.8999	0.9713	0.8999	0.9713	0.5713	0.5713
202.05	0.8987	0.9702	0.8987	0.9702	0.5713	0.5713

M (NOMINAL)= 1.4

X= 637 MM   T0=297.0 K   DEL 995= 74.0 MM
RE/M= 9.76*10^6 (MEASURED P)   ME=0.921 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5774	0.5774
0.69	0.3334	0.3872	0.3334	0.3872	0.5774	0.5774
0.90	0.3430	0.3981	0.3430	0.3981	0.5774	0.5774
1.09	0.3616	0.4191	0.3616	0.4191	0.5774	0.5774
1.30	0.3725	0.4314	0.3725	0.4314	0.5774	0.5774
1.49	0.3611	0.4186	0.3611	0.4186	0.5774	0.5774
1.70	0.3632	0.4209	0.3632	0.4209	0.5774	0.5774
2.70	0.3911	0.4524	0.3911	0.4524	0.5774	0.5774
3.21	0.3965	0.4584	0.3965	0.4584	0.5774	0.5774
3.69	0.3911	0.4523	0.3911	0.4523	0.5774	0.5774
4.71	0.4072	0.4704	0.4072	0.4704	0.5774	0.5774
6.71	0.4192	0.4839	0.4192	0.4839	0.5774	0.5774
8.69	0.4403	0.5073	0.4403	0.5073	0.5774	0.5774
10.70	0.4462	0.5139	0.4462	0.5139	0.5774	0.5774
12.70	0.4614	0.5307	0.4614	0.5307	0.5774	0.5774
14.69	0.4737	0.5441	0.4737	0.5441	0.5774	0.5774
16.71	0.4910	0.5631	0.4910	0.5631	0.5774	0.5774
18.79	0.5027	0.5759	0.5027	0.5759	0.5774	0.5774
20.70	0.5328	0.6006	0.5328	0.6006	0.5774	0.5774
25.70	0.5678	0.6462	0.5678	0.6462	0.5774	0.5774
30.70	0.6187	0.7002	0.6187	0.7002	0.5774	0.5774
35.70	0.6639	0.7474	0.6639	0.7474	0.5774	0.5774
40.72	0.7209	0.8057	0.7209	0.8057	0.5774	0.5774
45.73	0.7655	0.8505	0.7655	0.8505	0.5774	0.5774
50.69	0.8140	0.8982	0.8140	0.8982	0.5774	0.5774
55.71	0.8568	0.9395	0.8568	0.9395	0.5774	0.5774
60.71	0.8860	0.9672	0.8860	0.9672	0.5774	0.5774
70.69	0.9146	0.9941	0.9146	0.9941	0.5774	0.5774
80.71	0.9198	0.9989	0.9198	0.9989	0.5774	0.5774
90.70	0.9210	1.0000	0.9210	1.0000	0.5774	0.5774
100.67	0.9219	1.0009	0.9219	1.0009	0.5774	0.5774
112.12	0.9206	0.9997	0.9206	0.9997	0.5774	0.5774
122.12	0.9212	1.0002	0.9212	1.0002	0.5774	0.5774
132.12	0.9193	0.9985	0.9193	0.9985	0.5774	0.5774
142.14	0.9142	0.9937	0.9142	0.9937	0.5774	0.5774
147.15	0.9007	0.9811	0.9007	0.9811	0.5774	0.5774
152.11	0.8968	0.9774	0.8968	0.9774	0.5774	0.5774
162.13	0.8952	0.9759	0.8952	0.9759	0.5774	0.5774
172.11	0.8938	0.9746	0.8938	0.9746	0.5774	0.5774
182.13	0.8895	0.9705	0.8895	0.9705	0.5774	0.5774
192.12	0.8913	0.9723	0.8913	0.9723	0.5774	0.5774
202.09	0.8913	0.9723	0.8913	0.9723	0.5774	0.5774

M (NOMINAL)= 1.4

X= 735 MM   T0=296.3 K   DEL 995= 76.7 MM
RE/M= 9.74*10^6 (MEASURED P)   ME=0.912 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5831	0.5831
0.69	0.3685	0.4215	0.3685	0.4215	0.5831	0.5831
0.90	0.3588	0.4195	0.3588	0.4195	0.5831	0.5831
1.09	0.3705	0.4329	0.3705	0.4329	0.5831	0.5831
1.31	0.3809	0.4446	0.3809	0.4446	0.5831	0.5831
1.49	0.3829	0.4469	0.3829	0.4469	0.5831	0.5831
1.70	0.3858	0.4502	0.3858	0.4502	0.5831	0.5831
2.19	0.4071	0.4743	0.4071	0.4743	0.5831	0.5831
2.71	0.4161	0.4844	0.4161	0.4844	0.5831	0.5831
3.19	0.4213	0.4903	0.4213	0.4903	0.5831	0.5831
3.69	0.4218	0.4908	0.4218	0.4908	0.5831	0.5831
4.69	0.4414	0.5128	0.4414	0.5128	0.5831	0.5831
6.70	0.4410	0.5123	0.4410	0.5123	0.5831	0.5831
8.69	0.4572	0.5304	0.4572	0.5304	0.5831	0.5831
10.69	0.4672	0.5416	0.4672	0.5416	0.5831	0.5831
12.72	0.4791	0.5547	0.4791	0.5547	0.5831	0.5831
14.70	0.4979	0.5755	0.4979	0.5755	0.5831	0.5831
16.70	0.5076	[illegible]	0.5076	0.5862	0.5831	0.5831
18.70	0.5208	0.6007	0.5208	0.6007	0.5831	0.5831
20.69	0.5379	0.6193	0.5379	0.6193	0.5831	0.5831
25.69	0.5741	0.6585	0.5741	0.6585	0.5831	0.5831
30.71	0.6192	0.7066	0.6192	0.7066	0.5831	0.5831
35.71	0.6650	0.7548	0.6650	0.7548	0.5831	0.5831
40.69	0.7116	0.8030	0.7116	0.8030	0.5831	0.5831
45.71	0.7551	0.8472	0.7551	0.8472	0.5831	0.5831
50.70	0.7981	0.8901	0.7981	0.8901	0.5831	0.5831
55.69	0.8377	0.9289	0.8377	0.9289	0.5831	0.5831
60.69	0.8674	0.9576	0.8674	0.9576	0.5831	0.5831
70.71	0.9009	0.9695	0.9009	0.9695	0.5831	0.5831
80.69	0.9106	0.9987	0.9106	0.9987	0.5831	0.5831
100.67	0.9120	1.0000	0.9120	1.0000	0.5831	0.5831
112.11	0.9120	1.0000	0.9120	1.0000	0.5831	0.5831
122.11	0.9103	0.9984	0.9103	0.9984	0.5831	0.5831
132.13	0.9064	0.9967	0.9064	0.9967	0.5831	0.5831
142.11	0.8975	0.9863	0.8975	0.9863	0.5831	0.5831
152.12	0.8867	0.9761	0.8867	0.9761	0.5831	0.5831
162.11	0.8857	0.9752	0.8857	0.9752	0.5831	0.5831
172.13	0.8832	0.9727	0.8832	0.9727	0.5831	0.5831
182.11	0.8832	0.9727	0.8832	0.9727	0.5831	0.5831
202.09	0.8817	0.9713	0.8817	0.9713	0.5831	0.5831

M (NOMINAL)= 1.4

X= 833 MM   T0=295.4 K   DEL 995= 88.6 MM
RE/M= 9.77*10^6 (MEASURED P)   ME=0.903 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5885	0.5885
0.69	0.3742	0.4408	0.3742	0.4408	0.5885	0.5885
0.89	0.3745	0.4411	0.3745	0.4411	0.5885	0.5885
1.09	0.3849	0.4531	0.3849	0.4531	0.5885	0.5885
1.29	0.4022	0.4728	0.4022	0.4728	0.5885	0.5885
1.50	0.4054	0.4765	0.4054	0.4765	0.5885	0.5885
1.69	0.4088	0.4783	0.4088	0.4783	0.5885	0.5885
2.19	0.4158	0.4883	0.4158	0.4883	0.5885	0.5885
2.71	0.4332	0.5079	0.4332	0.5079	0.5885	0.5885
3.19	0.4416	0.5174	0.4416	0.5174	0.5885	0.5885
3.69	0.4419	0.5178	0.4419	0.5178	0.5885	0.5885
4.69	0.4502	0.5271	0.4502	0.5271	0.5885	0.5885
6.69	0.4661	0.5458	0.4661	0.5458	0.5885	0.5885
8.70	0.4750	0.5549	0.4750	0.5549	0.5885	0.5885
10.73	0.4986	0.5812	0.4986	0.5812	0.5885	0.5885
12.71	0.5041	0.5873	0.5041	0.5873	0.5885	0.5885
14.72	0.5067	0.5902	0.5067	0.5902	0.5885	0.5885
16.69	0.5309	0.6169	0.5309	0.6169	0.5885	0.5885
18.69	0.5414	0.6285	0.5414	0.6285	0.5885	0.5885
20.69	0.5488	0.6366	0.5488	0.6366	0.5885	0.5885
25.69	0.5878	0.6789	0.5878	0.6789	0.5885	0.5885
30.70	0.6267	0.7207	0.6267	0.7207	0.5885	0.5885
35.71	0.6627	0.7589	0.6627	0.7509	0.5885	0.5885
40.69	0.7013	0.7991	0.7013	0.7991	0.5885	0.5885
45.69	0.7444	0.8436	0.7444	0.8436	0.5885	0.5885
50.72	0.7813	0.8809	0.7813	0.8809	0.5885	0.5885
55.70	0.8248	0.9242	0.8248	0.9242	0.5885	0.5885
60.69	0.8479	0.9469	0.8479	0.9469	0.5885	0.5885
70.72	0.8873	0.9850	0.8873	0.9850	0.5885	0.5885
80.73	0.9003	0.9974	0.9003	0.9974	0.5885	0.5885
90.73	0.9030	1.0000	0.9030	1.0000	0.5885	0.5885
100.67	0.9022	0.9992	0.9022	0.9992	0.5885	0.5885
112.15	0.9030	1.0000	0.9030	1.0000	0.5885	0.5885
122.11	0.9021	0.9991	0.9021	0.9991	0.5885	0.5885
132.12	0.9021	0.9991	0.9021	0.9991	0.5885	0.5885
137.13	0.8984	0.9956	0.8984	0.9956	0.5885	0.5885
142.11	0.8895	0.9871	0.8895	0.9871	0.5885	0.5885
147.11	0.8802	0.9782	0.8802	0.9782	0.5885	0.5885
152.14	0.8785	0.9766	0.8785	0.9766	0.5885	0.5885
162.11	0.8739	0.9721	0.8739	0.9721	0.5885	0.5885
172.14	0.8753	0.9734	0.8753	0.9734	0.5885	0.5885
182.15	0.8731	0.9713	0.8731	0.9713	0.5885	0.5885
192.15	0.8740	0.9722	0.8740	0.9722	0.5885	0.5885
202.09	0.8716	0.9699	0.8716	0.9699	0.5885	0.5885

M (NOMINAL)= 1.4

X= 931 MM   T0=299.3 K   DEL 995= 86.1 MM
RE/M= 9.57*10^6 (MEASURED P)   ME=0.895 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5938	0.5938
0.69	0.3805	0.4514	0.3805	0.4514	0.5938	0.5938
0.89	0.3850	0.4566	0.3850	0.4566	0.5938	0.5938
1.09	0.3988	0.4725	0.3988	0.4725	0.5938	0.5938
1.29	0.4130	0.4887	0.4130	0.4887	0.5938	0.5938
1.50	0.4118	0.4874	0.4118	0.4874	0.5938	0.5938
1.69	0.4249	0.5024	0.4249	0.5024	0.5938	0.5938
2.22	0.4336	0.5123	0.4336	0.5123	0.5938	0.5938
2.69	0.4432	0.5232	0.4432	0.5232	0.5938	0.5938
3.20	0.4502	0.5311	0.4502	0.5311	0.5938	0.5938
3.69	0.4493	0.5301	0.4493	0.5301	0.5938	0.5938
4.69	0.4619	0.5444	0.4619	0.5444	0.5938	0.5938
6.70	0.4789	0.5636	0.4789	0.5636	0.5938	0.5938
8.69	0.4961	0.5829	0.4961	0.5829	0.5938	0.5938
10.69	0.5024	0.5899	0.5024	0.5899	0.5938	0.5938
12.70	0.5143	0.6032	0.5143	0.6032	0.5938	0.5938
14.69	0.5261	0.6163	0.5261	0.6163	0.5938	0.5938
16.71	0.5417	0.6336	0.5417	0.6336	0.5938	0.5938
18.69	0.5468	0.6393	0.5468	0.6393	0.5938	0.5938
20.69	0.5574	0.6509	0.5574	0.6509	0.5938	0.5938
25.69	0.5924	0.6892	0.5924	0.6892	0.5938	0.5938
30.69	0.6327	0.7327	0.6327	0.7327	0.5938	0.5938
35.71	0.6627	0.7646	0.6627	0.7646	0.5938	0.5938
40.71	0.7027	0.8068	0.7027	0.8068	0.5938	0.5938
45.69	0.7379	0.8433	0.7379	0.8433	0.5938	0.5938
50.69	0.7688	0.8750	0.7688	0.8750	0.5938	0.5938
55.72	0.8072	0.9137	0.8072	0.9137	0.5938	0.5938
60.69	0.8322	0.9386	0.8322	0.9386	0.5938	0.5938
70.71	0.8699	0.9756	0.8699	0.9756	0.5938	0.5938
80.69	0.8910	0.9961	0.8910	0.9961	0.5938	0.5938
90.69	0.8959	1.0009	0.8959	1.0009	0.5938	0.5938
100.68	0.8944	0.9994	0.8944	0.9994	0.5938	0.5938
104.11	0.8950	1.0000	0.8950	1.0000	0.5938	0.5938
122.11	0.8931	0.9982	0.8931	0.9982	0.5938	0.5938
132.11	0.8939	0.9990	0.8939	0.9990	0.5938	0.5938
137.13	0.8892	0.9944	0.8892	0.9944	0.5938	0.5938
142.13	0.8774	0.9829	0.8774	0.9829	0.5938	0.5938
152.11	0.8722	0.9779	0.8722	0.9779	0.5938	0.5938
162.11	0.8667	0.9726	0.8667	0.9726	0.5938	0.5938
172.13	0.8668	0.9727	0.8668	0.9727	0.5938	0.5938
182.11	0.8660	0.9719	0.8660	0.9719	0.5938	0.5938
192.11	0.8647	0.9706	0.8647	0.9706	0.5938	0.5938
202.10	0.8636	0.9695	0.8636	0.9695	0.5938	0.5938

M (NOMINAL)= 1.4
X= 1027 MM   T0=292.0 K   DEL 995= 89.5 MM
RE/M= 9.82*10^6 (MEASURED P)   ME=0.898 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5976	0.5976
0.69	0.3875	0.4617	0.3875	0.4617	0.5976	0.5976
0.90	0.3896	0.4642	0.3896	0.4642	0.5976	0.5976
1.10	0.3985	0.4745	0.3985	0.4745	0.5976	0.5976
1.29	0.4232	0.5028	0.4232	0.5028	0.5976	0.5976
1.49	0.4290	0.5095	0.4290	0.5095	0.5976	0.5976
1.69	0.4285	0.5090	0.4285	0.5090	0.5976	0.5976
2.19	0.4424	0.5248	0.4424	0.5248	0.5976	0.5976
2.71	0.4581	0.5427	0.4581	0.5427	0.5976	0.5976
3.20	0.4624	0.5477	0.4624	0.5477	0.5976	0.5976
3.69	0.4648	0.5504	0.4648	0.5504	0.5976	0.5976
4.70	0.4778	0.5651	0.4778	0.5651	0.5976	0.5976
6.70	0.5000	0.5901	0.5000	0.5901	0.5976	0.5976
8.70	0.5081	0.5992	0.5081	0.5992	0.5976	0.5976
10.69	0.5236	0.6165	0.5236	0.6165	0.5976	0.5976
12.71	0.5295	0.6231	0.5295	0.6231	0.5976	0.5976
14.71	0.5435	0.6387	0.5435	0.6387	0.5976	0.5976
16.69	0.5555	0.6520	0.5555	0.6520	0.5976	0.5976
18.69	0.5594	0.6562	0.5594	0.6562	0.5976	0.5976
20.72	0.5643	0.6617	0.5643	0.6617	0.5976	0.5976
25.72	0.5972	0.6977	0.5972	0.6977	0.5976	0.5976
30.71	0.6311	0.7345	0.6311	0.7345	0.5976	0.5976
35.72	0.6573	0.7627	0.6573	0.7627	0.5976	0.5976
40.70	0.6969	0.8046	0.6969	0.8046	0.5976	0.5976
45.70	0.7274	0.8365	0.7274	0.8365	0.5976	0.5976
50.70	0.7615	0.8717	0.7615	0.8717	0.5976	0.5976
55.70	0.7892	0.8999	0.7892	0.8999	0.5976	0.5976
60.72	0.8159	0.9269	0.8159	0.9269	0.5976	0.5976
70.70	0.8585	0.9692	0.8585	0.9692	0.5976	0.5976
80.70	0.8788	0.9891	0.8788	0.9891	0.5976	0.5976
90.69	0.8880	0.9980	0.8880	0.9980	0.5976	0.5976
100.67	0.8911	1.0010	0.8911	1.0010	0.5976	0.5976
105.11	0.8900	1.0000	0.8900	1.0000	0.5976	0.5976
112.11	0.8890	0.9990	0.8890	0.9990	0.5976	0.5976
122.14	0.8884	0.9984	0.8884	0.9984	0.5976	0.5976
132.13	0.8885	0.9985	0.8885	0.9985	0.5976	0.5976
137.14	0.8861	0.9962	0.8861	0.9962	0.5976	0.5976
142.12	0.8732	0.9836	0.8732	0.9836	0.5976	0.5976
152.12	0.8657	0.9763	0.8657	0.9763	0.5976	0.5976
162.14	0.8619	0.9725	0.8619	0.9725	0.5976	0.5976
172.12	0.8610	0.9717	0.8610	0.9717	0.5976	0.5976
182.12	0.8579	0.9686	0.8579	0.9686	0.5976	0.5976
192.11	0.8584	0.9691	0.8584	0.9691	0.5976	0.5976
202.09	0.8579	0.9686	0.8579	0.9686	0.5976	0.5976

M (NOMINAL)= 1.4

X= 1755 MM   T0=302.5 K   DEL 995=107.1 MM
RE/M= 3.24*10^6 (MEASURED P)   ME=0.856 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6187	0.6187
0.66	0.4586	0.5620	0.4586	0.5620	0.6187	0.6187
0.86	0.4653	0.5699	0.4653	0.5699	0.6187	0.6187
1.06	0.4738	0.5798	0.4738	0.5798	0.6187	0.6187
1.27	0.4897	0.5984	0.4897	0.5984	0.6187	0.6187
1.47	0.4945	0.6040	0.4945	0.6040	0.6187	0.6187
1.67	0.4979	0.6080	0.4979	0.6080	0.6187	0.6187
2.16	0.5068	0.6183	0.5068	0.6183	0.6187	0.6187
2.65	0.5175	0.6307	0.5175	0.6307	0.6187	0.6187
3.17	0.5239	0.6380	0.5239	0.6380	0.6187	0.6187
3.67	0.5277	0.6425	0.5277	0.6425	0.6187	0.6187
4.66	0.5392	0.6557	0.5392	0.6557	0.6187	0.6187
6.66	0.5574	0.6766	0.5574	0.6766	0.6187	0.6187
8.66	0.5720	0.6932	0.5720	0.6932	0.6187	0.6187
10.66	0.5801	0.7024	0.5801	0.7024	0.6187	0.6187
12.66	0.5886	0.7120	0.5886	0.7120	0.6187	0.6187
14.65	0.5959	0.7202	0.5959	0.7202	0.6187	0.6187
16.67	0.5987	0.7234	0.5987	0.7234	0.6187	0.6187
18.67	0.6066	0.7324	0.6066	0.7324	0.6187	0.6187
20.66	0.6140	0.7406	0.6140	0.7406	0.6187	0.6187
25.67	0.6311	0.7598	0.6311	0.7598	0.6187	0.6187
30.65	0.6421	0.7720	0.6421	0.7720	0.6187	0.6187
35.67	0.6664	0.7989	0.6664	0.7989	0.6187	0.6187
40.74	0.6810	0.8149	0.6810	0.8149	0.6187	0.6187
45.66	0.6945	0.8297	0.6945	0.8297	0.6187	0.6187
50.67	0.7151	0.8520	0.7151	0.8520	0.6187	0.6187
55.66	0.7285	0.8665	0.7285	0.8665	0.6187	0.6187
60.66	0.7535	0.8932	0.7535	0.8932	0.6187	0.6187
70.66	0.7781	0.9193	0.7781	0.9193	0.6187	0.6187
80.70	0.8182	0.9529	0.8182	0.9529	0.6187	0.6187
90.66	0.8265	0.9697	0.8265	0.9697	0.6187	0.6187
101.43	0.8450	0.9887	0.8450	0.9887	0.6187	0.6187
105.43	0.8487	0.9926	0.8487	0.9926	0.6187	0.6187
111.43	0.8502	0.9941	0.8502	0.9941	0.6187	0.6187
115.42	0.8527	0.9966	0.8527	0.9966	0.6187	0.6187
121.43	0.8560	1.0000	0.8560	1.0000	0.6187	0.6187
131.42	0.8506	0.9945	0.8506	0.9945	0.6187	0.6187
136.44	0.8515	0.9955	0.8515	0.9955	0.6187	0.6187
141.51	0.8439	0.9877	0.8439	0.9877	0.6187	0.6187
146.43	0.8361	0.9797	0.8361	0.9797	0.6187	0.6187
151.44	0.8324	0.9758	0.8324	0.9758	0.6187	0.6187
161.43	0.8299	0.9732	0.8299	0.9732	0.6187	0.6187
171.43	0.8259	0.9691	0.8259	0.9691	0.6187	0.6187
181.47	0.8259	0.9691	0.8259	0.9691	0.6187	0.6187
191.43	0.8237	0.9669	0.8237	0.9669	0.6187	0.6187

Table _ (continued)

M (NOMINAL)= 1.4

X= 2244 MM T0=302.0 K DEL 995=113.9 MM
RE/M= 9.10*10^6 (MEASURED P) ME=0.832 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6293	0.6293
0.66	0.4580	0.5764	0.4580	0.5764	0.6293	0.6293
0.86	0.4738	0.5944	0.4738	0.5944	0.6293	0.6293
1.07	0.4845	0.6072	0.4845	0.6072	0.6293	0.6293
1.26	0.4849	0.6077	0.4849	0.6077	0.6293	0.6293
1.46	0.4938	0.6184	0.4938	0.6184	0.6293	0.6293
1.66	0.5037	0.6302	0.5037	0.6302	0.6293	0.6293
2.17	0.5153	0.6440	0.5153	0.6440	0.6293	0.6293
2.66	0.5257	0.6562	0.5257	0.6562	0.6293	0.6293
3.17	0.5282	0.6593	0.5282	0.6593	0.6293	0.6293
3.66	0.5443	0.6782	0.5443	0.6782	0.6293	0.6293
4.65	0.5526	0.6880	0.5526	0.6880	0.6293	0.6293
6.66	0.5635	0.7008	0.5635	0.7008	0.6293	0.6293
8.66	0.5782	0.7178	0.5782	0.7178	0.6293	0.6293
10.70	0.5896	0.7312	0.5896	0.7312	0.6293	0.6293
15.66	0.6041	0.7479	0.6041	0.7479	0.6293	0.6293
18.67	0.6143	0.7596	0.6143	0.7596	0.6293	0.6293
20.66	0.6176	0.7634	0.6176	0.7634	0.6293	0.6293
25.67	0.6397	0.7880	0.6397	0.7880	0.6293	0.6293
30.67	0.6474	0.7975	0.6474	0.7975	0.6293	0.6293
35.67	0.6613	0.8132	0.6613	0.8132	0.6293	0.6293
40.65	0.6713	0.8245	0.6713	0.8245	0.6293	0.6293
45.67	0.6856	0.8406	0.6856	0.8406	0.6293	0.6293
50.71	0.6992	0.8558	0.6992	0.8558	0.6293	0.6293
55.67	0.7104	0.8682	0.7104	0.8682	0.6293	0.6293
60.67	0.7263	0.8859	0.7263	0.8859	0.6293	0.6293
70.67	0.7506	0.9126	0.7506	0.9126	0.6293	0.6293
80.66	0.7735	0.9375	0.7735	0.9375	0.6293	0.6293
90.67	0.7979	0.9637	0.7979	0.9637	0.6293	0.6293
101.43	0.8158	0.9828	0.8158	0.9828	0.6293	0.6293
105.42	0.8209	0.9882	0.8209	0.9882	0.6293	0.6293
111.47	0.8255	0.9931	0.8255	0.9931	0.6293	0.6293
116.43	0.8313	0.9992	0.8313	0.9992	0.6293	0.6293
121.43	0.8299	0.9978	0.8299	0.9978	0.6293	0.6293
131.44	0.8320	1.0000	0.8320	1.0000	0.6293	0.6293
136.44	0.8300	0.9979	0.8300	0.9979	0.6293	0.6293
141.42	0.8240	0.9915	0.8240	0.9915	0.6293	0.6293
146.44	0.8170	0.9841	0.8170	0.9841	0.6293	0.6293
151.40	0.8171	0.9842	0.8171	0.9842	0.6293	0.6293
161.44	0.8116	0.9784	0.8116	0.9784	0.6293	0.6293
171.44	0.8106	0.9773	0.8106	0.9773	0.6293	0.6293
181.43	0.8079	0.9744	0.8079	0.9744	0.6293	0.6293
191.44	0.8065	0.9761	0.8065	0.9761	0.6293	0.6293

M (NOMINAL)= 1.4

X= 2733 MM T0=301.4 K DEL 995=116.3 MM
RE/M= 8.92*10^6 (MEASURED P) ME=0.808 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6388	0.6388
0.66	0.4503	0.5809	0.4503	0.5809	0.6388	0.6388
0.86	0.4573	0.5896	0.4573	0.5896	0.6388	0.6388
1.06	0.4761	0.6127	0.4761	0.6127	0.6388	0.6388
1.26	0.4835	0.6219	0.4835	0.6219	0.6388	0.6388
1.46	0.4844	0.6230	0.4844	0.6230	0.6388	0.6388
1.67	0.4936	0.6343	0.4936	0.6343	0.6388	0.6388
2.17	0.5080	0.6519	0.5080	0.6519	0.6388	0.6388
2.66	0.5163	0.6620	0.5163	0.6620	0.6388	0.6388
3.16	0.5265	0.6744	0.5265	0.6744	0.6388	0.6388
3.66	0.5314	0.6804	0.5314	0.6804	0.6388	0.6388
4.66	0.5497	0.7024	0.5497	0.7024	0.6388	0.6388
6.66	0.5653	0.7212	0.5653	0.7212	0.6388	0.6388
8.66	0.5736	0.7311	0.5736	0.7311	0.6388	0.6388
10.66	0.5876	0.7478	0.5876	0.7478	0.6388	0.6388
12.66	0.5949	0.7566	0.5949	0.7566	0.6388	0.6388
14.65	0.5995	0.7620	0.5995	0.7620	0.6388	0.6388
16.66	0.6062	0.7699	0.6062	0.7699	0.6388	0.6388
18.65	0.6141	0.7792	0.6141	0.7792	0.6388	0.6388
20.66	0.6143	0.7795	0.6143	0.7795	0.6388	0.6388
25.66	0.6310	0.7992	0.6310	0.7992	0.6388	0.6388
30.66	0.6448	0.8153	0.6448	0.8153	0.6388	0.6388
35.66	0.6533	0.8252	0.6533	0.8252	0.6388	0.6388
40.65	0.6663	0.8403	0.6663	0.8403	0.6388	0.6388
45.67	0.6756	0.8511	0.6756	0.8511	0.6388	0.6388
50.65	0.6857	0.8626	0.6857	0.8626	0.6388	0.6388
55.65	0.6965	0.8751	0.6965	0.8751	0.6388	0.6388
60.66	0.7101	0.8906	0.7101	0.8906	0.6388	0.6388
70.67	0.7285	0.9115	0.7285	0.9115	0.6388	0.6388
80.66	0.7466	0.9319	0.7466	0.9319	0.6388	0.6388
90.66	0.7657	0.9532	0.7657	0.9532	0.6388	0.6388
101.43	0.7840	0.9736	0.7840	0.9736	0.6388	0.6388
105.43	0.7951	0.9856	0.7951	0.9856	0.6388	0.6388
111.43	0.7994	0.9905	0.7994	0.9905	0.6388	0.6388
115.42	0.8025	0.9940	0.8025	0.9940	0.6388	0.6388
121.43	0.8076	0.9996	0.8076	0.9996	0.6388	0.6388
126.43	0.8080	1.0000	0.8080	1.0000	0.6388	0.6388
136.43	0.8061	0.9980	0.8061	0.9980	0.6388	0.6388
146.44	0.8033	0.9949	0.8033	0.9949	0.6388	0.6388
151.42	0.7993	0.9904	0.7993	0.9904	0.6388	0.6388
161.43	0.7967	0.9876	0.7967	0.9876	0.6388	0.6388
171.44	0.7957	0.9865	0.7957	0.9865	0.6388	0.6388
181.43	0.7930	0.9835	0.7930	0.9835	0.6388	0.6388
191.43	0.7935	0.9840	0.7935	0.9840	0.6388	0.6388

M (NOMINAL)= 1.4

X= 2933 MM T0=299.9 K DEL 995=118.1 MM
RE/M= 8.89*10^6 (MEASURED P) ME=0.799 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6425	0.6425
0.66	0.4427	0.5772	0.4427	0.5772	0.6425	0.6425
0.86	0.4529	0.5899	0.4529	0.5899	0.6425	0.6425
1.07	0.4638	0.6026	0.4638	0.6026	0.6425	0.6425
1.27	0.4639	0.6037	0.4639	0.6037	0.6425	0.6425
1.47	0.4803	0.6241	0.4803	0.6241	0.6425	0.6425
1.66	0.4844	0.6291	0.4844	0.6291	0.6425	0.6425
2.16	0.5047	0.6543	0.5047	0.6543	0.6425	0.6425
2.66	0.5086	0.6591	0.5086	0.6591	0.6425	0.6425
3.16	0.5244	0.6785	0.5244	0.6785	0.6425	0.6425
3.67	0.5297	0.6850	0.5297	0.6850	0.6425	0.6425
4.66	0.5420	0.7000	0.5420	0.7000	0.6425	0.6425
6.67	0.5576	0.7191	0.5576	0.7191	0.6425	0.6425
8.66	0.5762	0.7415	0.5762	0.7415	0.6425	0.6425
10.66	0.5810	0.7474	0.5810	0.7474	0.6425	0.6425
12.67	0.5935	0.7624	0.5935	0.7624	0.6425	0.6425
14.66	0.6031	0.7739	0.6031	0.7739	0.6425	0.6425
16.67	0.6043	0.7753	0.6043	0.7753	0.6425	0.6425
18.66	0.6081	0.7799	0.6081	0.7799	0.6425	0.6425
20.65	0.6127	0.7853	0.6127	0.7853	0.6425	0.6425
25.67	0.6326	0.8091	0.6326	0.8091	0.6425	0.6425
30.66	0.6406	0.8184	0.6406	0.8184	0.6425	0.6425
35.66	0.6539	0.8341	0.6539	0.8341	0.6425	0.6425
40.66	0.6587	0.8398	0.6587	0.8398	0.6425	0.6425
45.66	0.6678	0.8504	0.6678	0.8504	0.6425	0.6425
50.66	0.6766	0.8607	0.6766	0.8607	0.6425	0.6425
55.75	0.6867	0.8725	0.6867	0.8725	0.6425	0.6425
60.70	0.7006	0.8886	0.7006	0.8886	0.6425	0.6425
70.66	0.7198	0.9107	0.7198	0.9107	0.6425	0.6425
80.65	0.7408	0.9346	0.7408	0.9346	0.6425	0.6425
90.66	0.7574	0.9534	0.7574	0.9534	0.6425	0.6425
101.43	0.7778	0.9764	0.7778	0.9764	0.6425	0.6425
111.43	0.7877	0.9875	0.7877	0.9875	0.6425	0.6425
115.43	0.7944	0.9949	0.7944	0.9949	0.6425	0.6425
121.42	0.7971	0.9979	0.7971	0.9979	0.6425	0.6425
126.44	0.7990	1.0000	0.7990	1.0000	0.6425	0.6425
131.43	0.7982	0.9991	0.7982	0.9991	0.6425	0.6425
136.43	0.7991	1.0001	0.7991	1.0001	0.6425	0.6425
141.43	0.7956	0.9963	0.7956	0.9963	0.6425	0.6425
151.43	0.7944	0.9948	0.7944	0.9948	0.6425	0.6425
161.47	0.7924	0.9926	0.7924	0.9926	0.6425	0.6425
171.43	0.7878	0.9876	0.7878	0.9876	0.6425	0.6425
181.42	0.7891	0.9898	0.7891	0.9898	0.6425	0.6425

M (NOMINAL)= 1.5

X=-717 MM T0=293.1 K DEL 995= 33.9 MM
RE/M= 3.49*10^6 (MEASURED P) ME=1.538 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2504	0.2504
0.69	0.7673	0.5727	0.7673	0.5727	0.2504	0.2504
0.89	0.8005	0.5940	0.8005	0.5940	0.2504	0.2504
1.09	0.8253	0.6110	0.8253	0.6110	0.2504	0.2504
1.29	0.8401	0.6257	0.8401	0.6257	0.2504	0.2504
1.51	0.8702	0.6400	0.8702	0.6400	0.2504	0.2504
1.69	0.8894	0.6522	0.8894	0.6522	0.2504	0.2504
2.19	0.9231	0.6733	0.9231	0.6733	0.2504	0.2504
2.69	0.9500	0.6900	0.9500	0.6900	0.2504	0.2504
3.20	0.9745	0.7050	0.9745	0.7050	0.2504	0.2504
3.69	0.9977	0.7190	0.9977	0.7190	0.2504	0.2504
4.70	1.0389	0.7435	1.0389	0.7435	0.2504	0.2504
6.70	1.0992	0.7785	1.0992	0.7785	0.2504	0.2504
8.69	1.1507	0.8074	1.1507	0.8074	0.2504	0.2504
10.69	1.2003	0.8345	1.2003	0.8345	0.2504	0.2504
12.73	1.2427	0.8572	1.2427	0.8572	0.2504	0.2504
14.72	1.2867	0.8801	1.2867	0.8801	0.2504	0.2504
16.72	1.3204	0.9012	1.3204	0.9012	0.2504	0.2504
18.80	1.3681	0.9209	1.3681	0.9209	0.2504	0.2504
20.70	1.4022	0.9375	1.4022	0.9375	0.2504	0.2504
23.21	1.4417	0.9562	1.4417	0.9562	0.2504	0.2504
25.72	1.4763	0.9722	1.4763	0.9722	0.2504	0.2504
28.30	1.5057	0.9856	1.5057	0.9856	0.2504	0.2504
30.69	1.5168	0.9906	1.5168	0.9906	0.2504	0.2504
33.21	1.5308	0.9968	1.5308	0.9968	0.2504	0.2504
35.92	1.5352	0.9988	1.5352	0.9988	0.2504	0.2504
38.24	1.5366	0.9994	1.5366	0.9994	0.2504	0.2504
40.72	1.5380	1.0000	1.5380	1.0000	0.2504	0.2504
45.73	1.5398	1.0008	1.5398	1.0008	0.2504	0.2504
102.11	1.5352	0.9988	1.5352	0.9988	0.2504	0.2504
112.11	1.5352	0.9988	1.5352	0.9988	0.2504	0.2504
122.12	1.5342	0.9983	1.5342	0.9983	0.2504	0.2504
132.11	1.5340	0.9982	1.5340	0.9982	0.2504	0.2504
142.14	1.5355	0.9989	1.5355	0.9989	0.2504	0.2504

M (NOMINAL)= 1.5

X=-523 MM T0=295.6 K DEL 995= 34.5 MM
RE/M= 3.40*10^6 (MEASURED P) ME=1.542 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2549	0.2549
0.69	0.7636	0.5692	0.7636	0.5692	0.2549	0.2549
0.91	0.7995	0.5931	0.7995	0.5931	0.2549	0.2549
1.10	0.8250	0.6097	0.8250	0.6097	0.2549	0.2549
1.29	0.8492	0.6254	0.8492	0.6254	0.2549	0.2549
1.50	0.8658	0.6368	0.8658	0.6368	0.2549	0.2549
1.69	0.8828	0.6468	0.8828	0.6468	0.2549	0.2549
2.21	0.9196	0.6700	0.9196	0.6700	0.2549	0.2549
2.70	0.9485	0.6879	0.9485	0.6879	0.2549	0.2549
3.19	0.9744	0.7037	0.9744	0.7037	0.2549	0.2549
3.70	0.9967	0.7172	0.9967	0.7172	0.2549	0.2549
4.70	1.0313	0.7377	1.0313	0.7377	0.2549	0.2549
6.69	1.0917	0.7728	1.0917	0.7728	0.2549	0.2549
8.70	1.1435	0.8020	1.1435	0.8020	0.2549	0.2549
10.72	1.1920	0.8286	1.1920	0.8286	0.2549	0.2549
12.73	1.2378	0.8531	1.2378	0.8531	0.2549	0.2549
14.70	1.2751	0.8726	1.2751	0.8726	0.2549	0.2549
16.72	1.3144	0.8926	1.3144	0.8926	0.2549	0.2549
18.69	1.3585	0.9107	1.3585	0.9107	0.2549	0.2549
20.71	1.3853	0.9277	1.3853	0.9277	0.2549	0.2549
23.20	1.4234	0.9459	1.4234	0.9459	0.2549	0.2549
25.72	1.4595	0.9628	1.4595	0.9628	0.2549	0.2549
28.20	1.4882	0.9759	1.4882	0.9759	0.2549	0.2549
30.71	1.5128	0.9871	1.5128	0.9871	0.2549	0.2549
33.19	1.5290	0.9943	1.5290	0.9943	0.2549	0.2549
35.74	1.5364	0.9976	1.5364	0.9976	0.2549	0.2549
38.21	1.5397	0.9990	1.5397	0.9990	0.2549	0.2549
40.70	1.5420	1.0000	1.5420	1.0000	0.2549	0.2549
45.74	1.5422	1.0001	1.5422	1.0001	0.2549	0.2549
50.73	1.5417	0.9999	1.5417	0.9999	0.2549	0.2549
102.11	1.5452	1.0014	1.5452	1.0014	0.2549	0.2549
112.14	1.5465	1.0020	1.5465	1.0020	0.2549	0.2549
122.13	1.5469	1.0022	1.5469	1.0022	0.2549	0.2549
132.13	1.5439	1.0008	1.5439	1.0008	0.2549	0.2549
142.12	1.5463	1.0019	1.5463	1.0019	0.2549	0.2549
152.15	1.5449	1.0013	1.5449	1.0013	0.2549	0.2549

M (NOMINAL)= 1.5

X=-327 MM T0=292.8 K DEL 995= 37.4 MM
RE/M= 3.51*10^6 (MEASURED P) ME=1.522 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2617	0.2617
0.69	0.7315	0.5526	0.7315	0.5526	0.2617	0.2617
0.89	0.7633	0.5741	0.7633	0.5741	0.2617	0.2617
1.09	0.7916	0.5931	0.7916	0.5931	0.2617	0.2617
1.29	0.8144	0.6062	0.8144	0.6062	0.2617	0.2617
1.49	0.8319	0.6197	0.8319	0.6197	0.2617	0.2617
1.70	0.8488	0.6307	0.8488	0.6307	0.2617	0.2617
2.19	0.8817	0.6519	0.8817	0.6519	0.2617	0.2617
2.72	0.9184	0.6752	0.9184	0.6752	0.2617	0.2617
3.19	0.9379	0.6874	0.9379	0.6874	0.2617	0.2617
3.70	0.9627	0.7028	0.9627	0.7028	0.2617	0.2617
4.70	1.0010	0.7261	1.0010	0.7261	0.2617	0.2617
6.69	1.0587	0.7605	1.0587	0.7605	0.2617	0.2617
8.73	1.1098	0.7901	1.1098	0.7901	0.2617	0.2617
10.77	1.1549	0.8155	1.1549	0.8155	0.2617	0.2617
12.70	1.1975	0.8390	1.1975	0.8390	0.2617	0.2617
14.79	1.2366	0.8601	1.2366	0.8601	0.2617	0.2617
16.78	1.2773	0.8815	1.2773	0.8815	0.2617	0.2617
18.70	1.3071	0.8969	1.3071	0.8969	0.2617	0.2617
20.70	1.3442	0.9157	1.3442	0.9157	0.2617	0.2617
23.19	1.3846	0.9356	1.3846	0.9356	0.2617	0.2617
25.70	1.4215	0.9535	1.4215	0.9535	0.2617	0.2617
28.19	1.4526	0.9682	1.4526	0.9682	0.2617	0.2617
30.69	1.4779	0.9799	1.4779	0.9799	0.2617	0.2617
33.27	1.5016	0.9908	1.5016	0.9908	0.2617	0.2617
35.69	1.5126	0.9957	1.5126	0.9957	0.2617	0.2617
38.22	1.5205	0.9993	1.5205	0.9993	0.2617	0.2617
40.70	1.5220	1.0000	1.5220	1.0000	0.2617	0.2617
45.69	1.5249	1.0013	1.5249	1.0013	0.2617	0.2617
50.70	1.5246	1.0012	1.5246	1.0012	0.2617	0.2617
55.69	1.5246	1.0012	1.5246	1.0012	0.2617	0.2617
102.11	1.5193	0.9988	1.5193	0.9988	0.2617	0.2617
112.19	1.5217	0.9999	1.5217	0.9999	0.2617	0.2617
122.12	1.5237	1.0007	1.5237	1.0007	0.2617	0.2617
132.11	1.5215	0.9998	1.5215	0.9998	0.2617	0.2617
142.12	1.5231	1.0005	1.5231	1.0005	0.2617	0.2617
152.12	1.5231	1.0005	1.5231	1.0005	0.2617	0.2617

M (NOMINAL)= 1.5

X=-278 MM T0=292.5 K DEL 995= 37.4 MM
RE/M= 3.53*10^6 (MEASURED P) ME=1.524 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2623	0.2680
0.69	0.7295	0.5507	0.7295	0.5507	0.2623	0.2679
0.89	0.7623	0.5729	0.7623	0.5729	0.2623	0.2679
1.09	0.7896	0.5912	0.7896	0.5912	0.2623	0.2679
1.30	0.8097	0.6045	0.8097	0.6045	0.2623	0.2679
1.49	0.8303	0.6181	0.8303	0.6181	0.2623	0.2678
1.69	0.8452	0.6278	0.8452	0.6278	0.2623	0.2678
2.20	0.8813	0.6511	0.8813	0.6511	0.2623	0.2677
2.70	0.8877	0.6552	0.8877	0.6552	0.2623	0.2676
3.19	0.9318	0.6830	0.9318	0.6830	0.2623	0.2674
3.70	0.9571	0.6987	0.9571	0.6987	0.2623	0.2673
4.70	0.9927	0.7205	0.9927	0.7205	0.2623	0.2671
6.72	1.0497	0.7546	1.0497	0.7546	0.2623	0.2666
8.70	1.1037	0.7859	1.1037	0.7859	0.2623	0.2662
10.69	1.1441	0.8088	1.1441	0.8088	0.2623	0.2657
12.69	1.1860	0.8320	1.1860	0.8320	0.2623	0.2653
14.85	1.2326	0.8572	1.2326	0.8572	0.2623	0.2648
16.71	1.2689	0.8763	1.2689	0.8763	0.2623	0.2645
18.73	1.3027	0.8938	1.3027	0.8938	0.2623	0.2642
20.70	1.3376	0.9115	1.3376	0.9115	0.2623	0.2640
23.27	1.3768	0.9310	1.3768	0.9310	0.2623	0.2637
25.80	1.4147	0.9493	1.4147	0.9493	0.2623	0.2636
28.21	1.4470	0.9647	1.4470	0.9647	0.2623	0.2635
30.69	1.4748	0.9776	1.4748	0.9776	0.2623	0.2634
33.19	1.4963	0.9875	1.4963	0.9875	0.2623	0.2632
35.71	1.5104	0.9939	1.5104	0.9939	0.2623	0.2630
38.21	1.5200	0.9982	1.5200	0.9982	0.2623	0.2628
40.71	1.5226	0.9994	1.5226	0.9994	0.2623	0.2626
45.70	1.5240	1.0000	1.5240	1.0000	0.2623	0.2623
50.69	1.5240	1.0000	1.5240	1.0000	0.2623	0.2623
102.11	1.5217	0.9990	1.5217	0.9990	0.2623	0.2623
112.11	1.5234	0.9997	1.5234	0.9997	0.2623	0.2623
122.12	1.5242	1.0001	1.5242	1.0001	0.2623	0.2623
132.11	1.5225	0.9993	1.5225	0.9993	0.2623	0.2623
142.13	1.5226	0.9994	1.5226	0.9994	0.2623	0.2623
152.11	1.5226	0.9994	1.5226	0.9994	0.2623	0.2623

M (NOMINAL)= 1.5

X=-255 MM T0=292.2 K DEL 995= 37.7 MM
RE/M= 3.51*10^6 (MEASURED P) ME=1.522 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2635	0.2742
0.69	0.7295	0.5512	0.7295	0.5512	0.2635	0.2739
0.89	0.7622	0.5734	0.7622	0.5734	0.2635	0.2738
1.09	0.7835	0.5877	0.7835	0.5877	0.2635	0.2738
1.29	0.8076	0.6037	0.8076	0.6037	0.2635	0.2737
1.52	0.8261	0.6159	0.8261	0.6159	0.2635	0.2736
1.69	0.8403	0.6252	0.8403	0.6252	0.2635	0.2735
2.20	0.8752	0.6477	0.8752	0.6477	0.2635	0.2733
2.69	0.9036	0.6659	0.9036	0.6659	0.2635	0.2731
3.19	0.9312	0.6832	0.9312	0.6832	0.2635	0.2729
3.69	0.9581	0.6999	0.9581	0.6999	0.2635	0.2727
4.73	0.9933	0.7215	0.9933	0.7215	0.2635	0.2723
6.71	1.0480	0.7542	1.0480	0.7542	0.2635	0.2719
8.70	1.0925	0.7802	1.0925	0.7802	0.2635	0.2714
10.70	1.1420	0.8083	1.1420	0.8083	0.2635	0.2707
12.70	1.1837	0.8314	1.1837	0.8314	0.2635	0.2701
14.69	1.2251	0.8539	1.2251	0.8539	0.2635	0.2695
16.70	1.2627	0.8738	1.2627	0.8738	0.2635	0.2690
18.69	1.2983	0.8923	1.2983	0.8923	0.2635	0.2685
20.71	1.3304	0.9087	1.3304	0.9087	0.2635	0.2681
23.23	1.3690	0.9280	1.3690	0.9280	0.2635	0.2675
25.70	1.4022	0.9442	1.4022	0.9442	0.2635	0.2669
28.21	1.4394	0.9619	1.4394	0.9619	0.2635	0.2663
30.74	1.4680	0.9753	1.4680	0.9753	0.2635	0.2658
33.21	1.4916	0.9862	1.4916	0.9862	0.2635	0.2652
35.69	1.5080	0.9937	1.5080	0.9937	0.2635	0.2647
38.19	1.5183	0.9984	1.5183	0.9984	0.2635	0.2643
40.69	1.5194	0.9988	1.5194	0.9988	0.2635	0.2639
45.69	1.5203	0.9992	1.5203	0.9992	0.2635	0.2635
50.72	1.5220	1.0000	1.5220	1.0000	0.2635	0.2635
55.71	1.5179	0.9982	1.5179	0.9982	0.2635	0.2635
102.11	1.5231	1.0005	1.5231	1.0005	0.2635	0.2635
112.12	1.5208	0.9995	1.5208	0.9995	0.2635	0.2635
122.13	1.5189	0.9986	1.5189	0.9986	0.2635	0.2635
132.16	1.5194	0.9988	1.5194	0.9988	0.2635	0.2635
142.11	1.5205	0.9993	1.5205	0.9993	0.2635	0.2635
152.14	1.5209	0.9995	1.5209	0.9995	0.2635	0.2635

M (NOMINAL)= 1.5

X=-229 MM T0=292.0 K DEL 995= 38.4 MM
RE/M= 3.50*10^6 (MEASURED P) ME=1.498 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2731	0.2867
0.69	0.6827	0.5264	0.6827	0.5264	0.2731	0.2843
0.90	0.7181	0.5511	0.7181	0.5511	0.2731	0.2835
1.09	0.7489	0.5725	0.7489	0.5725	0.2731	[illegible]
1.29	0.7734	0.5892	0.7734	0.5892	0.2731	[illegible]
1.51	0.7931	0.6025	0.7931	0.6025	0.2731	[illegible]
1.69	0.8029	0.6092	0.8029	0.6092	0.2731	[illegible]
2.19	0.8408	0.6344	0.8408	0.6344	0.2731	[illegible]
2.69	0.8736	0.6559	0.8736	0.6559	0.2731	[illegible]
3.19	0.9006	0.6734	0.9006	0.6734	0.2731	[illegible]
3.69	0.9135	0.6855	0.9135	0.6855	0.2731	[illegible]
4.69	0.9561	0.7088	0.9561	0.7088	0.2731	[illegible]
6.69	1.0116	0.7430	1.0116	0.7430	0.2731	[illegible]
8.71	1.0632	0.7740	1.0632	0.7740	0.2731	0.2814
10.69	1.1096	0.8012	1.1096	0.8012	0.2731	0.2806
12.69	1.1521	0.8256	1.1521	0.8256	0.2731	0.2792
14.72	1.1940	0.8490	1.1940	0.8490	0.2731	0.2781
16.70	1.2286	0.8680	1.2286	0.8680	0.2731	[illegible]
18.70	1.2621	0.8860	1.2621	0.8860	0.2731	0.2763
20.71	1.2949	0.9033	1.2949	0.9033	0.2731	0.2754
23.23	1.3243	0.9207	1.3243	0.9207	0.2731	0.2744
25.70	1.3720	0.9427	1.3720	0.9427	0.2731	0.2734
29.19	1.4071	0.9600	1.4071	0.9600	0.2731	0.2721
30.69	1.4387	0.9753	1.4391	0.9725	0.2730	0.2717
33.19	1.4600	0.9855	1.4621	0.9874	0.2725	0.2710
35.69	1.4746	0.9923	1.4783	0.9911	0.2720	0.2702
38.20	1.4829	0.9962	1.4884	0.9957	0.2715	0.2694
40.74	1.4868	0.9981	1.4934	0.9981	0.2711	0.2687
45.74	1.4889	0.9990	1.4955	0.9990	0.2711	0.2711
50.69	1.4910	1.0000	1.4976	1.0000	0.2711	0.2711
55.71	1.4891	0.9991	1.4957	0.9991	0.2711	0.2711
60.70	1.4906	0.9998	1.4972	0.9998	0.2711	0.2711
102.11	1.4900	0.9995	1.4973	0.9998	0.2709	0.2709
112.11	1.4909	0.9999	1.5008	1.0015	0.2701	0.2701
122.13	1.4889	0.9990	1.4989	1.0006	0.2701	0.2701
132.11	1.4925	1.0007	1.5025	1.0022	0.2701	0.2701
142.16	1.4871	0.9982	1.4971	0.9997	0.2701	0.2701
152.11	1.4885	0.9988	1.4984	1.0004	0.2701	0.2701
162.12	1.4920	1.0005	1.5020	1.0020	0.2701	0.2701

M (NOMINAL)= [illegible]

X=-206 MM T0=291.[illegible] K DEL 995= [illegible].8 MM
RE/M= [illegible]*10^6 (MEASURED P) ME=1.486 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2867	0.3062
0.69	0.6237	0.4945	0.6237	0.4945	0.2867	0.3057
0.91	0.6546	0.5172	0.6546	0.5172	0.2867	0.3056
1.09	0.6807	0.5360	0.6807	0.5360	0.2867	0.3055
1.29	0.7063	0.5544	0.7063	0.5544	0.2867	0.3054
1.49	0.7218	0.5654	0.7218	0.5654	0.2867	0.3052
1.70	0.7458	0.5824	0.7458	0.5824	0.2867	0.3051
2.19	0.7779	0.6048	0.7779	0.6048	0.2867	0.3048
2.70	0.8142	0.6298	0.8142	0.6298	0.2867	0.3044
3.19	0.8407	0.6476	0.8407	0.6479	0.2867	0.3041
3.69	0.8702	0.6676	0.8702	0.6676	0.2867	0.3038
4.69	0.9067	0.6917	0.9067	0.6917	0.2867	0.3030
6.69	0.9728	0.7343	0.9728	0.7343	0.2867	0.3011
8.71	1.0232	0.7659	1.0232	0.7659	0.2867	0.299[illegible]
10.70	1.0637	0.7907	1.0641	0.7763	0.2866	0.2975
12.70	1.1068	0.8165	1.1084	0.8024	0.2862	0.2959
14.74	1.1467	0.8399	1.1495	0.8260	0.2858	0.2941
16.69	1.1861	0.8625	1.1900	0.8488	0.2854	0.2921
18.75	1.2243	0.8840	1.2294	0.8704	0.2850	0.2899
20.69	1.2540	0.9003	1.2610	0.8875	0.2843	0.2884
23.19	1.2923	0.9210	1.3039	0.9101	0.2828	0.2864
25.69	1.3296	0.9400	1.3459	0.9317	0.2813	0.2847
28.21	1.3634	0.9582	1.3845	0.9511	0.2798	0.2830
30.72	1.3913	0.9724	1.4169	0.9670	0.2784	0.2817
33.20	1.4168	0.9851	1.4457	0.9809	0.2774	0.2797
35.73	1.4340	0.9936	1.4664	0.9908	0.2764	0.2783
38.19	1.4427	0.9979	1.4784	0.9964	0.2754	0.2771
40.70	1.4470	1.0000	1.4860	1.0000	0.2744	0.2758
45.70	1.4470	1.0000	1.4926	1.0031	0.2724	0.2724
50.71	1.4451	0.9991	1.4967	1.0049	0.2706	0.2706
55.70	1.4464	0.9997	1.4996	1.0063	0.2701	0.2701
102.11	1.4482	1.0006	1.5062	1.0094	0.2687	0.2687
112.12	1.4469	0.9999	1.5056	1.0091	0.2685	0.2685
122.11	1.4471	1.0001	1.5086	1.0104	0.2677	0.2677
132.14	1.4469	0.9999	1.5083	1.0103	0.2677	0.2677
142.12	1.4497	1.0013	1.5112	1.0117	0.2677	0.2677
152.13	1.4466	0.9998	1.5080	1.0102	0.2677	0.2677
157.12	1.4492	1.0011	1.5106	1.0114	0.2677	0.2677

M (NOMINAL)= 1.5

X=-180 MM T0=291.4 K DEL 995= 37.6 MM
RE/M= [illegible].54*10^6 (MEASURED P) ME=1.448 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3292	0.3291
0.69	0.4287	0.3677	0.4287	0.3677	0.3292	0.3286
0.89	0.4498	0.3851	0.4498	0.3851	0.3292	0.3284
1.09	0.4717	0.4031	0.4717	0.4031	0.3292	0.3283
1.30	0.4953	0.4224	0.4953	0.4224	0.3292	0.3281
1.50	0.5261	0.4473	0.5261	0.4473	0.3292	0.3280
1.69	0.5396	0.4581	0.5396	0.4581	0.3292	0.3278
2.21	0.5953	0.5024	0.5953	0.5024	0.3292	0.3274
2.69	0.6526	0.5472	0.6526	0.5472	0.3292	0.3270
3.19	0.6801	0.5683	0.6801	0.5683	0.3292	0.3266
3.69	0.6989	0.5826	0.6989	0.5826	0.3292	0.3263
4.69	0.7379	0.6120	0.7379	0.6120	0.3292	0.3255
6.72	0.7963	0.6552	0.7984	0.6186	0.3285	0.3240
8.69	0.8514	0.6949	0.8557	0.6575	0.3277	0.3226
10.70	0.9242	0.7459	0.9310	0.7071	0.3267	0.3212
12.71	0.9723	0.7787	0.9826	0.7480	0.3253	0.3198
14.69	1.0200	0.8105	1.0337	0.7719	0.3239	0.3182
16.71	1.0579	0.8352	1.0750	0.7971	0.3225	0.3166
18.72	1.1000	0.8625	1.1214	0.8247	0.3211	0.3150
20.73	1.1357	0.8844	1.1606	0.8476	0.3193	0.3133
23.24	1.1793	0.9110	1.2124	0.8768	0.3163	0.3112
25.69	1.2169	0.9335	1.2579	0.9020	0.3134	0.3090
28.19	1.2526	0.9545	1.3022	0.9258	0.3104	0.3071
30.72	1.2781	0.9691	1.3365	0.9438	0.3073	0.3048
33.25	1.3041	0.9839	1.3722	0.9622	0.3040	0.3022
35.73	1.3250	0.9956	1.4028	0.9776	0.3008	0.2995
38.19	1.3253	0.9957	1.4124	0.9824	0.2976	0.2970
40.72	1.3395	1.0036	1.4367	0.9944	0.2943	0.2946
45.73	1.3330	1.0000	1.4482	1.0000	0.2883	0.2883
50.69	1.3291	0.9979	1.4618	1.0066	0.2826	0.2826
55.72	1.3317	0.9993	1.4773	1.0140	0.2786	0.2786
60.71	1.3291	0.9979	1.4871	1.0187	0.2748	0.2748
102.11	1.3283	0.9974	1.5217	1.0350	0.2642	0.2642
112.12	1.3261	0.9962	1.5193	1.0339	0.2642	0.2642
122.15	1.3287	0.9976	1.5222	1.0352	0.2642	0.2642
132.14	1.3279	0.9972	1.5213	1.0348	0.2642	0.2642
142.14	1.3315	0.9992	1.5251	1.0366	0.2642	0.2642
152.11	1.3305	0.9986	1.5240	1.0360	0.2642	0.2642
162.13	1.3327	0.9999	1.5264	1.0372	0.2642	0.2642

M (NOMINAL)= 1.5

X=-155 MM T0=290.9 K DEL 995= 41.2 MM
RE/M= 3.61*10^6 (MEASURED P) ME=1.303 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3651	0.3558
0.69	0.2249	0.2023	0.2249	0.2023	0.3651	0.3553
0.89	0.2559	0.2298	0.2559	0.2298	0.3651	0.3551
1.10	0.2874	0.2577	0.2874	0.2577	0.3651	0.3549
1.31	0.2978	0.2668	0.2978	0.2668	0.3651	0.3548
1.49	0.3177	0.2844	0.3177	0.2844	0.3651	0.3546
1.69	0.3325	0.2973	0.3325	0.2973	0.3651	0.3545
2.19	0.3772	0.3362	0.3772	0.3362	0.3651	0.3541
2.69	0.4271	0.3792	0.4271	0.3792	0.3651	0.3537
3.21	0.4757	0.4206	0.4757	0.4206	0.3651	0.3533
3.69	0.5030	0.4436	0.5030	0.4436	0.3651	0.3529
4.70	0.5796	0.5071	0.5796	0.5071	0.3651	0.3521
6.69	0.6382	0.5547	0.6404	0.5233	0.3644	0.3505
8.70	0.7262	0.6244	0.7306	0.5903	0.3636	0.3489
10.69	0.7814	0.6668	0.7881	0.6318	0.3627	0.3472
12.70	0.8155	0.6925	0.8253	0.6581	0.3615	0.3456
14.70	0.8810	0.7410	0.8934	0.7052	0.3603	0.3440
16.69	0.9340	0.7790	0.9488	0.7424	0.3591	0.3425
18.71	0.9825	0.8131	0.9997	0.7757	0.3579	0.3411
20.69	1.0142	0.8349	1.0344	0.7980	0.3565	0.3397
23.21	1.0823	0.8806	1.1074	0.8435	0.3542	0.3375
25.70	1.0971	0.8903	1.1273	0.8556	0.3520	0.3351
28.21	1.1535	0.9266	1.1890	0.8923	0.3497	0.3329
30.70	1.1885	0.9486	1.2307	0.9164	0.3470	0.3308
33.21	1.2250	0.9711	1.2773	0.9427	0.3430	0.3286
35.70	1.2470	0.9845	1.3004	0.9604	0.3390	0.3264
38.22	1.2572	0.9906	1.3300	0.9716	0.3349	0.3241
40.69	1.2748	1.0011	1.3508	0.9870	0.3307	0.3220
45.70	1.2730	1.0000	1.3835	1.0000	[illegible]	0.3179
50.70	1.2610	0.9929	1.3900	1.0076	0.3109	0.3109
55.70	1.2730	1.0000	1.4348	1.0264	0.3024	0.3024
60.70	1.2461	0.9839	1.4388	1.0244	0.2942	0.2942
70.74	1.2437	0.9825	1.4673	1.0427	0.2815	0.2815
102.11	1.2424	0.9817	1.5031	1.0603	0.2701	0.2701
112.11	1.2394	0.9799	1.4998	1.0587	0.2701	0.2701
122.11	1.2426	0.9818	1.5032	1.0604	0.2701	0.2701
132.12	1.2424	0.9817	1.5031	1.0603	0.2701	0.2701
142.11	1.2461	0.9839	1.5071	1.0622	0.2701	0.2701
152.12	1.2440	0.9826	1.5047	1.0611	0.2701	0.2701
162.12	1.2478	0.9849	1.5089	1.0631	0.2701	0.2701
172.16	1.2452	0.9834	1.5061	1.0618	0.2701	0.2701

M (NOMINAL)= 1.5

X=-131 MM T0=293.3 K DEL 995= 45.5 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.302 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3809	0.3821
0.69	0.2141	0.1951	0.2141	0.1951	0.3809	0.3817
0.89	0.2141	0.1951	0.2141	0.1951	0.3809	0.3816
1.10	0.2277	0.2074	0.2277	0.2074	0.3809	0.3814
1.29	0.2334	0.2125	0.2334	0.2125	0.3809	0.3813
1.49	0.2334	0.2125	0.2334	0.2125	0.3809	0.3812
1.72	0.2535	0.2306	0.2535	0.2306	0.3809	0.3810
2.21	0.2657	0.2415	0.2657	0.2415	0.3809	0.3807
2.70	0.2845	0.2583	0.2845	0.2583	0.3809	0.3804
3.20	0.3041	0.2758	0.3041	0.2758	0.3809	0.3801
3.72	0.3218	0.2915	0.3218	0.2915	0.3809	0.3798
4.81	0.3627	0.3277	0.3627	0.3277	0.3809	0.3791
6.75	0.4539	0.4072	0.4569	0.3887	0.3802	0.3780
8.70	0.5187	0.4625	0.5243	0.4342	0.3794	0.3767
10.78	0.5932	0.5249	0.6010	0.4937	0.3786	0.3753
12.71	0.6763	0.5926	0.6856	0.5576	0.3778	0.3740
14.71	0.7199	0.6273	0.7310	0.5918	0.3770	0.3727
16.70	0.7489	0.6438	0.7541	0.6078	0.3762	0.3712
18.72	0.8368	0.7174	0.8509	0.6764	0.3754	0.3697
20.71	0.8663	0.7394	0.8826	0.6983	0.3743	0.3683
23.19	0.9221	0.7803	0.9425	0.7388	0.3723	0.3664
25.69	0.9693	0.8141	0.9937	0.7724	0.3703	0.3646
28.24	1.0173	0.8476	1.0456	0.8056	0.3683	0.3628
30.69	1.0936	0.8993	1.1263	0.8556	0.3661	0.3610
33.29	1.1178	0.9152	1.1568	0.8740	0.3633	0.3588
35.71	1.1750	0.9521	1.2203	0.9111	0.3606	0.3568
38.24	1.2082	0.9730	1.2602	0.9338	0.3578	0.3546
40.69	1.2208	0.9809	1.2795	0.9446	0.3551	0.3527
45.69	1.2495	0.9985	1.3238	0.9685	0.3491	0.3475
50.72	1.2541	1.0013	1.3433	0.9795	0.3427	0.3425
55.71	1.2523	1.0002	1.3616	0.9892	0.3348	0.3348
60.72	1.2520	1.0000	1.3821	1.0000	0.3268	0.3268
70.70	1.2449	0.9956	1.4157	1.0174	0.3118	0.3118
80.71	1.2394	0.9923	1.4551	1.0374	0.2962	0.2962
90.75	1.2281	0.9854	1.4733	1.0465	0.2863	0.2863
100.67	1.2056	0.9714	1.4731	1.0463	0.2787	0.2787
102.11	1.2275	0.9850	1.4982	1.0587	0.2783	0.2783
112.20	1.2052	0.9711	1.4846	1.0520	0.2750	0.2750
122.13	1.2064	0.9719	1.4998	1.0591	0.2718	0.2718
132.11	1.2054	0.9713	1.5099	1.0644	0.2675	0.2675
142.11	1.2042	0.9705	1.5139	1.0663	0.2659	0.2659
152.14	1.2054	0.9713	1.5153	1.0670	0.2659	0.2659
162.14	1.2054	0.9713	1.5153	1.0670	0.2659	0.2659
172.12	1.2054	0.9713	1.5153	1.0670	0.2659	0.2659
182.13	1.2068	0.9722	1.5168	1.0677	0.2659	0.2659
192.17	1.2068	0.9722	1.5168	1.0677	0.2659	0.2659
202.09	1.2068	0.9722	1.5209	1.0697	0.2647	0.2647

M (NOMINAL)= 1.5

X=-108 MM T0=293.3 K DEL 995= 58.9 MM
RE/M= 3.67*10^6 (MEASURED P) ME=1.282 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3956	0.4003
0.20	0.1080	0.1003	0.1080	0.1003	0.3956	0.4003
0.40	0.1252	0.1162	0.1252	0.1162	0.3956	0.4002
0.60	0.1399	0.1298	0.1399	0.1298	0.3956	0.4002
0.80	0.1472	0.1366	0.1472	0.1366	0.3956	0.4002
1.00	0.1546	0.1434	0.1546	0.1434	0.3956	0.4002
1.50	0.1706	0.1581	0.1706	0.1581	0.3956	0.4001
2.00	0.1914	0.1773	0.1914	0.1773	0.3956	0.4000
2.50	0.2061	0.1908	0.2061	0.1908	0.3956	0.3999
3.00	0.2233	0.2066	0.2233	0.2066	0.3956	0.3999
4.00	0.2552	0.2357	0.2552	0.2357	0.3956	0.3997
6.00	0.3202	0.2947	0.3237	0.2881	0.3950	0.3989
8.00	0.3841	0.3519	0.3927	0.3478	0.3938	0.3981
10.00	0.4417	0.4029	0.4543	0.4004	0.3926	0.3973
12.00	0.4969	0.4510	0.5106	0.4477	0.3920	0.3965
14.00	0.5571	0.5025	0.5714	0.4979	0.3914	0.3957
16.00	0.6135	0.5500	0.6286	0.5443	0.3908	0.3949
18.00	0.6712	0.5976	0.6870	0.5906	0.3902	0.3941
20.00	0.7301	0.6452	0.7465	0.6368	0.3896	0.3933
25.00	0.8589	0.7454	0.8794	0.7361	0.3871	0.3910
30.00	0.9828	0.8364	1.0072	0.8259	0.3846	0.3884
35.00	1.0810	0.9047	1.1097	0.8940	0.3821	0.3856
40.00	1.1558	0.9545	1.1899	0.9447	0.3796	0.3828
45.00	1.2012	0.9837	1.2421	0.9766	0.3766	0.3793
50.00	1.2209	0.9961	1.2686	0.9924	0.3736	0.3756
55.00	1.2270	1.0000	1.2816	1.0000	0.3706	0.3717
60.79	1.2285	1.0009	1.2915	1.0058	0.3669	0.3669
70.83	1.2234	0.9978	1.3075	1.0151	0.3579	0.3579
80.79	1.2261	0.9995	1.3316	1.0290	0.3498	0.3496
90.83	1.2259	0.9993	1.3517	1.0404	0.3408	0.3408
100.67	1.2182	0.9944	1.3689	1.0500	0.3309	0.3309
102.11	1.2231	0.9975	1.3777	1.0549	0.3295	0.3295
112.13	1.1923	0.9780	1.3735	1.0526	0.3190	0.3190
122.12	1.2037	0.9853	1.4188	1.0774	0.3071	0.3071
132.12	1.1757	0.9674	1.4222	1.0793	0.2957	0.2957
142.13	1.1736	0.9661	1.4473	1.0927	0.2867	0.2867
152.12	1.1736	0.9661	1.4736	1.1066	0.2783	0.2783
162.21	1.1759	0.9676	1.4929	1.1167	0.2732	0.2732
172.25	1.1758	0.9675	1.4995	1.1200	0.2712	0.2712
182.21	1.1748	0.9669	1.5036	1.1222	0.2696	0.2696
192.25	1.1748	0.9669	1.5036	1.1222	0.2696	0.2696
202.09	1.1747	0.9668	1.5079	1.1244	0.2683	0.2683

M (NOMINAL)= 1.5

X=-83 MM T0=293.0 K DEL 995= 56.1 MM
RE/M= 3.66*10^6 (MEASURED P) ME=1.225 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4071	0.4158
0.20	0.0012	0.0011	0.0012	0.0011	0.4071	0.4157
0.40	0.0012	0.0011	0.0012	0.0011	0.4071	0.4156
0.60	0.0024	0.0023	0.0024	0.0023	0.4071	0.4155
0.80	0.0036	0.0034	0.0036	0.0034	0.4071	0.4155
1.00	0.0048	0.0045	0.0048	0.0045	0.4071	0.4154
1.50	0.0205	0.0193	0.0205	0.0193	0.4071	0.4151
2.00	0.0326	0.0307	0.0326	0.0307	0.4071	0.4149
2.50	0.0482	0.0454	0.0482	0.0454	0.4071	0.4147
3.00	0.0651	0.0613	0.0651	0.0613	0.4071	0.4145
4.00	0.0953	0.0897	0.0953	0.0897	0.4071	0.4141
6.00	0.1833	0.1721	0.1833	0.1721	0.4071	0.4134
8.00	0.2207	0.2069	0.2207	0.2069	0.4071	0.4128
10.00	0.2870	0.2682	0.2870	0.2682	0.4071	0.4122
12.00	0.3461	0.3222	0.3482	0.3203	0.4067	0.4116
14.00	0.4076	0.3778	0.4112	0.3765	0.4063	0.4109
16.00	0.4679	0.4315	0.4726	0.4305	0.4059	0.4103
18.00	0.5294	0.4854	0.5350	0.4845	0.4055	0.4098
20.00	0.5885	0.5362	0.5949	0.5353	0.4051	0.4092
25.00	0.7272	0.6515	0.7352	0.6503	0.4041	0.4079
30.00	0.8599	0.7561	0.8692	0.7543	0.4031	0.4064
35.00	0.9696	0.8381	0.9804	0.8360	0.4021	0.4048
40.00	1.0625	0.9041	1.0748	0.9019	0.4011	0.4034
45.00	1.1324	0.9518	1.1447	0.9487	0.4011	0.4021
50.00	1.1807	0.9836	1.1929	0.9800	0.4011	0.4009
55.00	1.2024	0.9977	1.2176	0.9957	0.3996	0.3997
60.00	1.2060	1.0000	1.2246	1.0000	0.3981	0.3980
70.73	1.2060	1.0000	1.2292	1.0029	0.3959	0.3959
80.89	1.2066	1.0004	1.2362	1.0073	0.3928	0.3928
91.02	1.2048	0.9992	1.2411	1.0103	0.3897	0.3897
102.11	1.2047	0.9991	1.2533	1.0179	0.3840	0.3840
112.15	1.2046	0.9991	1.2763	1.0320	0.3735	0.3735
122.13	1.2033	0.9983	1.3031	1.0482	0.3613	0.3613
132.13	1.1988	0.9953	1.3347	1.0671	0.3462	0.3462
142.24	1.1801	0.9832	1.3720	1.0888	0.3241	0.3241
152.11	1.1801	0.9832	1.4186	1.1153	0.3071	0.3071
162.14	1.1533	0.9656	1.4281	1.1206	0.2942	0.2942
172.15	1.1514	0.9644	1.4580	1.1332	0.2860	0.2860
183.31	1.1509	0.9640	1.4647	1.1408	0.2814	0.2814
192.44	1.1511	0.9642	1.4692	1.1432	0.2801	0.2801

M (NOMINAL)= 1.5

X=-57 MM T0=292.8 K DEL 995= 68.8 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.193 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4184	0.4437
0.20	-0.0142	-0.0136	-0.0142	-0.0136	0.4184	0.4436
0.40	-0.0201	-0.0192	-0.0201	-0.0192	0.4184	0.4435
0.60	-0.0225	-0.0215	-0.0225	-0.0215	0.4184	0.4434
0.80	-0.0237	-0.0226	-0.0237	-0.0226	0.4184	0.4434
1.00	-0.0248	-0.0238	-0.0248	-0.0238	0.4184	0.4433
1.50	-0.0260	-0.0249	-0.0260	-0.0249	0.4184	0.4430
2.00	-0.0260	-0.0249	-0.0260	-0.0249	0.4184	0.4428
2.50	-0.0248	-0.0238	-0.0248	-0.0238	0.4184	0.4426
3.00	-0.0213	-0.0204	-0.0213	-0.0204	0.4184	0.4424
4.00	0.0000	0.0000	0.0000	0.0000	0.4184	0.4420
6.00	0.0473	0.0452	0.0473	0.0452	0.4184	0.4411
8.00	0.1041	0.0994	0.1041	0.0994	0.4184	0.4402
10.00	0.1644	0.1568	0.1644	0.1568	0.4184	0.4393
12.00	0.2200	0.2094	0.2200	0.2094	0.4184	0.4384
14.00	0.2804	0.2660	0.2804	0.2660	0.4184	0.4374
16.00	0.3324	0.3144	0.3324	0.3144	0.4184	0.4365
18.00	0.3928	0.3699	0.3928	0.3699	0.4184	0.4356
20.00	0.4484	0.4204	0.4484	0.4204	0.4184	0.4346
25.00	0.5832	0.5397	0.5832	0.5397	0.4184	0.4321
30.00	0.7086	0.6460	0.7086	0.6460	0.4184	0.4296
35.00	0.8257	0.7408	0.8269	0.7369	0.4179	0.4273
40.00	0.9334	0.8237	0.9355	0.8200	0.4174	0.4253
45.00	1.0268	0.8924	1.0389	0.8895	0.4164	0.4231
50.00	1.1097	0.9506	1.1156	0.9484	0.4154	0.4207
55.00	1.1582	0.9835	1.1651	0.9817	0.4149	0.4182
60.00	1.1783	0.9969	1.1862	0.9956	0.4144	0.4159
65.00	1.1818	0.9992	1.1908	0.9986	0.4139	0.4138
70.00	1.1830	1.0000	1.1929	1.0000	0.4134	0.4134
80.72	1.1838	1.0005	1.1961	1.0020	0.4122	0.4122
90.72	1.1826	0.9998	1.1989	1.0039	0.4103	0.4103
100.64	1.1838	1.0005	1.2041	1.0073	0.4083	0.4083
102.11	1.1850	1.0013	1.2059	1.0084	0.4080	0.4080
112.12	1.1852	1.0015	1.2111	1.0118	0.4055	0.4055
122.15	1.1850	1.0013	1.2222	1.0189	0.4000	0.4000
132.12	1.1850	1.0013	1.2476	1.0351	0.3880	0.3880
142.11	1.1842	1.0008	1.2863	1.0594	0.3701	0.3701
152.25	1.1816	0.9991	1.3427	1.0937	0.3452	0.3452
162.11	1.1803	0.9982	1.3966	1.1254	0.3238	0.3238
172.11	1.1742	0.9942	1.4332	1.1464	0.3083	0.3083
182.14	1.1619	0.9860	1.4474	1.1544	0.2989	0.2989
192.14	1.1294	0.9641	1.4380	1.1451	0.2928	0.2928
202.06	1.1433	0.9735	1.4535	1.1579	0.2982	0.2982

M (NOMINAL)= 1.5

X=-34 MM T0=292.6 K DEL 995= 67.4 MM
RE/M= 3.65*10^6 (MEASURED P) ME=1.162 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4252	0.4629
0.20	-0.0070	-0.0068	-0.0070	-0.0068	0.4252	0.4628
0.40	-0.0141	-0.0135	-0.0141	-0.0135	0.4252	0.4628
0.60	-0.0176	-0.0169	-0.0176	-0.0169	0.4252	0.4627
0.80	-0.0211	-0.0203	-0.0211	-0.0203	0.4252	0.4627
1.00	-0.0223	-0.0215	-0.0223	-0.0215	0.4252	0.4626
1.50	-0.0246	-0.0237	-0.0246	-0.0237	0.4252	0.4625
2.00	-0.0256	-0.0248	-0.0258	-0.0248	0.4252	0.4624
2.50	-0.0246	-0.0237	-0.0246	-0.0237	0.4252	0.4622
3.00	-0.0235	-0.0226	-0.0235	-0.0226	0.4252	0.4621
4.00	-0.0188	-0.0181	-0.0188	-0.0181	0.4252	0.4619
6.00	[illegible]	[illegible]	0.0412	0.0399	0.4248	0.4614
8.00	[illegible]	[illegible]	0.0812	0.0786	0.4246	0.4610
10.00	[illegible]	[illegible]	0.1229	0.1199	0.4232	0.4605
12.00	[illegible]	0.1141	0.1660	0.1627	0.4226	0.4601
14.00	[illegible]	[illegible]	0.2138	0.2064	0.4220	0.4597
16.00	[illegible]	[illegible]	0.2610	0.2513	0.4214	0.4592
18.00	[illegible]	[illegible]	0.3139	0.3014	0.4208	0.4588
20.00	[illegible]	0.3282	0.3694	0.3534	0.4202	0.4582
25.00	0.4779	0.4495	0.4978	0.4711	0.4197	0.4568
30.00	0.6056	0.5625	0.6235	0.5823	0.4192	0.4554
35.00	0.7255	0.6639	0.7396	0.6888	0.4197	0.4538
40.00	0.8362	0.7551	0.8497	0.7781	0.4202	0.4521
45.00	0.9392	0.8331	0.9455	0.8444	0.4222	0.4504
50.00	1.0249	0.8963	1.0269	0.9048	0.4242	0.4486
55.00	1.0965	0.9471	1.0965	0.9471	0.4252	0.4468
60.00	1.1482	0.9826	1.1462	0.9890	0.4262	0.4447
65.00	1.1717	0.9984	1.1649	1.0017	0.4287	0.4423
70.00	1.1740	1.0000	1.1624	1.0000	0.4312	0.4399
80.00	1.1740	1.0000	1.1520	0.9929	0.4367	0.4367
90.70	1.1728	0.9992	1.1393	0.9842	0.4428	0.4428
100.61	1.1728	0.9992	1.1223	0.9725	0.4521	0.4521
102.11	1.1706	0.9977	1.1163	0.9683	0.4542	0.4542
112.14	1.1708	0.9979	1.0955	0.9538	0.4658	0.4658
122.15	1.1714	0.9983	1.0942	0.9529	0.4669	0.4669
132.12	1.1709	0.9980	1.1063	0.9614	0.4599	0.4599
142.13	1.1706	0.9977	1.1306	0.9783	0.4463	0.4463
152.16	1.1705	0.9976	1.1764	1.0094	0.4222	0.4222
162.11	1.1693	0.9969	1.2327	1.0467	0.3939	0.3939
172.12	1.1662	0.9961	1.2932	1.0854	0.3660	0.3660
182.22	1.1692	0.9968	1.3396	1.1142	0.3469	0.3469
192.12	1.1584	0.9895	1.3654	1.1299	0.3322	0.3322
202.03	1.1666	0.9947	1.4656	1.1538	0.3201	0.3201

M (NOMINAL)= 1.5

X= 11 MM T0=290.9 K DEL 995= 73.9 MM
RE/M= 3.64*10^6 (MEASURED P) ME=1.185 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4369	0.2851
0.20	-0.0058	-0.0056	-0.0058	-0.0056	0.4369	0.2855
0.40	-0.0081	-0.0079	-0.0081	-0.0079	0.4369	0.2860
0.60	-0.0127	-0.0124	-0.0127	-0.0124	0.4369	0.2864
0.80	-0.0184	-0.0180	-0.0184	-0.0180	0.4369	0.2869
1.00	-0.0219	-0.0214	-0.0219	-0.0214	0.4369	0.2873
1.50	-0.0277	-0.0270	-0.0277	-0.0270	0.4369	0.2884
2.00	-0.0357	-0.0349	-0.0357	-0.0349	0.4369	0.2895
2.50	-0.0427	-0.0416	-0.0427	-0.0416	0.4369	0.2907
3.00	-0.0438	-0.0427	-0.0438	-0.0427	0.4369	0.2919
4.00	-0.0438	-0.0427	-0.0438	-0.0427	0.4369	0.2948
6.00	-0.0415	-0.0405	-0.0415	-0.0405	0.4369	0.2984
8.00	0.0104	0.0101	0.0104	0.0101	0.4369	0.3029
10.00	0.0438	0.0427	0.0438	0.0427	0.4369	0.3077
12.00	[illegible]	[illegible]	0.0912	0.0813	0.4365	0.3118
14.00	0.1072	0.1045	0.1198	0.1148	0.4361	0.3162
16.00	0.1407	0.1370	0.1541	0.1551	0.4357	0.3207
18.00	0.1782	0.1738	0.1929	0.1940	0.4353	0.3251
20.00	0.2156	0.2094	0.2384	0.2313	0.4349	0.3296
25.00	[illegible]	0.3031	0.3267	0.3262	0.4344	0.3407
30.00	0.4151	0.3982	0.4272	0.4235	0.4339	0.3518
35.00	0.5154	0.4901	0.5237	0.5146	0.4344	0.3629
40.00	0.6132	0.5627	0.6248	0.6073	0.4349	0.3741
45.00	0.7183	0.6673	0.7208	0.6924	0.4359	0.3852
50.00	0.8232	0.7539	0.8232	0.7539	0.4369	0.3963
55.00	0.9316	0.8392	0.9275	0.8646	0.4389	0.4074
60.00	1.0423	0.9219	1.0147	0.9477	0.4409	0.4185
65.00	1.1000	0.9688	1.0930	0.9910	0.4449	0.4296
70.00	1.1438	0.9937	1.1214	1.0117	0.4489	0.4408
75.00	1.1518	0.9992	1.1167	1.0087	0.4559	0.4519
80.00	1.1570	1.0000	1.1053	1.0000	0.4629	0.4630
90.30	1.1516	0.9990	1.0617	0.9679	0.4871	0.4871
100.61	1.1529	1.0006	1.0201	0.9366	0.5133	0.5133
102.11	1.1530	1.0000	1.0136	0.9318	0.5165	0.5165
112.16	1.1533	1.0002	0.9787	0.9048	0.5382	0.5382
122.14	1.1542	1.0008	0.9492	0.8818	0.5571	0.5571
132.14	1.1526	0.9998	0.9249	0.8626	0.5715	0.5715
142.13	1.1518	0.9992	0.9056	0.8471	0.5830	0.5830
152.12	1.1507	0.9984	0.8903	0.8348	0.5920	0.5920
162.11	1.1494	0.9975	0.8817	0.8278	0.5965	0.5965
172.17	1.1480	0.9966	0.8761	0.8232	0.5991	0.5991
182.11	1.1483	0.9968	0.8741	0.8216	0.6005	0.6005
192.22	1.1385	0.9900	0.8549	0.8059	0.6056	0.6056
202.05	1.1468	0.9957	0.8499	0.8017	0.6149	0.6149

M (NOMINAL)= 1.5

X= 64 MM T0=292.3 K DEL 995= 79.2 MM
RE/M= 3.62*10^6 (MEASURED P) ME=1.070 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4463	0.3029
0.20	-0.0181	-0.0179	-0.0181	-0.0179	0.4463	0.3033
0.40	-0.0249	-0.0247	-0.0249	-0.0247	0.4463	0.3037
0.60	-0.0317	-0.0314	-0.0317	-0.0314	0.4463	0.3041
0.80	-0.0374	-0.0370	-0.0374	-0.0370	0.4463	0.3045
1.00	-0.0420	-0.0415	-0.0420	-0.0415	0.4463	0.3049
1.50	-0.0488	-0.0482	-0.0488	-0.0482	0.4463	0.3059
2.00	-0.0601	-0.0594	-0.0601	-0.0594	0.4463	0.3069
2.50	-0.0646	-0.0639	-0.0646	-0.0639	0.4463	0.3079
3.00	-0.0669	-0.0661	-0.0669	-0.0661	0.4463	0.3089
4.00	-0.0635	-0.0628	-0.0635	-0.0628	0.4463	0.3109
6.00	-0.0442	-0.0437	-0.0442	-0.0437	0.4463	0.3149
8.00	0.0193	0.0191	0.0193	-0.0191	0.4463	0.3188
10.00	0.0091	0.0090	0.0091	0.0090	0.4463	0.3228
12.00	0.0374	0.0370	0.0374	0.0370	0.4463	0.3268
14.00	0.0646	0.0639	0.0646	0.0639	0.4463	0.3308
16.00	0.0919	0.0907	0.0919	0.0907	0.4463	0.3348
18.00	0.1315	0.1298	0.1315	0.1298	0.4463	0.3388
20.00	0.1542	0.1521	0.1542	0.1521	0.4463	0.3427
25.00	0.2325	0.2286	0.2325	0.2286	0.4463	0.3527
30.00	0.3164	0.3097	0.3164	0.3097	0.4463	0.3626
35.00	0.4082	0.3971	0.4082	0.3971	0.4463	0.3726
40.00	0.5024	0.4846	0.5024	0.4846	0.4467	0.3826
45.00	0.6078	0.5799	0.6078	0.5799	0.4463	0.3925
50.00	0.7122	0.6709	0.7122	0.6709	0.4463	0.4025
55.00	0.8267	0.7667	0.8256	0.8025	0.4468	0.4125
60.00	0.9390	0.8560	0.9369	0.8954	0.4473	0.4224
65.00	1.0229	0.9197	1.0162	0.9587	0.4498	0.4324
70.00	1.0841	0.9645	1.0730	1.0024	0.4523	0.4423
75.00	1.1112	0.9840	1.0921	1.0168	0.4568	0.4523
80.00	1.1272	0.9952	1.0999	1.0227	0.4613	0.4622
85.00	1.1329	0.9992	1.0878	1.0106	0.4718	0.4722
90.00	1.1340	1.0000	1.0698	1.0000	0.4823	0.4821
100.00	1.1340	1.0000	1.0360	0.9740	0.5023	0.5023
102.11	1.1356	1.0011	1.0335	0.9721	0.5047	0.5047
112.14	1.1349	1.0006	1.0067	0.9512	0.5205	0.5205
122.14	1.1364	1.0017	0.9844	0.9335	0.5351	0.5351
132.11	1.1355	1.0010	0.9639	0.9172	0.5472	0.5472
142.12	1.1311	0.9979	0.9447	0.9017	0.5562	0.5562
152.39	1.1292	0.9966	0.9287	0.8887	0.5650	0.5650
162.22	1.1329	0.9992	0.9235	0.8844	0.5707	0.5707
172.34	1.1316	0.9983	0.9196	0.8813	0.5723	0.5723
182.14	1.1296	0.9969	0.9167	0.8789	0.5727	0.5727
192.14	1.1296	0.9969	0.9132	0.8760	0.5749	0.5749
202.02	1.1289	0.9964	0.9087	0.8727	0.5773	0.5773

M (NOMINAL)= 1.5

X= 115 MM T0=292.2 K DEL 995= 88.7 MM
RE/M= 3.59*10^6 (MEASURED P) ME=1.072 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4549	0.3435
0.20	-0.0179	-0.0179	-0.0179	-0.0179	0.4549	0.3438
0.40	-0.0212	-0.0212	-0.0212	-0.0212	0.4549	0.3441
0.60	-0.0257	-0.0257	-0.0257	-0.0257	0.4549	0.3444
0.80	-0.0324	-0.0324	-0.0324	-0.0324	0.4549	0.3447
1.00	-0.0425	-0.0425	-0.0425	-0.0425	0.4549	0.3450
1.50	-0.0481	-0.0481	-0.0481	-0.0481	0.4549	0.3458
2.00	-0.0537	-0.0536	-0.0537	-0.0536	0.4549	0.3465
2.50	-0.0559	-0.0559	-0.0559	-0.0559	0.4549	0.3473
3.00	-0.0581	-0.0581	-0.0581	-0.0581	0.4549	0.3481
4.00	-0.0537	-0.0536	-0.0537	-0.0536	0.4549	0.3496
6.00	-0.0369	-0.0369	-0.0369	-0.0369	0.4549	0.3526
8.00	-0.0156	-0.0156	-0.0156	-0.0156	0.4549	0.3557
10.00	0.0034	0.0034	0.0034	0.0034	0.4549	0.3587
12.00	0.0246	0.0246	0.0246	0.0246	0.4549	0.3618
14.00	0.0470	0.0469	0.0470	0.0469	0.4549	0.3648
16.00	0.0727	0.0726	0.0727	0.0726	0.4549	0.3679
18.00	0.1017	0.1016	0.1017	0.1016	0.4549	0.3709
20.00	0.1319	0.1317	0.1319	0.1317	0.4549	0.3740
25.00	0.2035	0.2026	0.2035	0.2026	0.4549	0.3816
30.00	0.2873	0.2850	0.2873	0.2850	0.4549	0.3892
35.00	0.3712	0.3662	0.3712	0.3662	0.4549	0.3968
40.00	0.4606	0.4511	0.4606	0.4511	0.4549	0.4044
45.00	0.5579	0.5413	0.5579	0.5413	0.4549	0.4120
50.00	0.6563	0.6297	0.6563	0.6297	0.4549	0.4196
55.00	0.7613	0.7287	0.7613	0.7287	0.4549	0.4272
60.00	0.8653	0.8078	0.8653	0.8078	0.4549	0.4348
65.00	0.9604	0.8824	0.9565	0.8697	0.4569	0.4425
70.00	1.0353	0.9395	1.0279	0.9662	0.4589	0.4501
75.00	1.0934	0.9825	1.0790	1.0053	0.4629	0.4577
80.00	1.1091	0.9936	1.0875	1.0117	0.4669	0.4653
85.00	1.1158	0.9984	1.0819	1.0075	0.4739	0.4729
90.00	1.1180	1.0006	1.0729	1.0000	0.4809	0.4805
100.63	1.1132	1.0009	1.0478	0.9816	0.4958	0.4958
102.11	1.1205	1.0018	1.0456	0.9798	0.4979	0.4979
112.21	1.1207	1.0019	1.0233	0.9626	0.5113	0.5113
122.11	1.1180	1.0000	1.0027	0.9465	0.5222	0.5222
132.11	1.1171	0.9994	0.9844	0.9320	0.5328	0.5328
142.11	1.1177	0.9998	0.9707	0.9211	0.5416	0.5416
152.12	1.1168	0.9991	0.9582	0.9111	0.5487	0.5487
162.12	1.1157	0.9983	0.9506	0.9050	0.5527	0.5527
172.19	1.1151	0.9981	0.9441	[illegible]	0.5566	0.5566
182.1[illegible]	1.1148	0.9977	0.9401	[illegible]	0.5587	0.5587
192.22	1.1112	0.9966	0.9407	0.8978	0.5572	0.5572
202.05	1.1115	0.9968	0.9440	0.9004	0.5549	0.5549

M (NOMINAL)= 1.5

X= 162 MM T0=292.3 K DEL 995= 84.2 MM
RE/M= 3.61*10^6 (MEASURED P) ME=1.071 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4629	0.3815
0.20	-0.0121	-0.0123	-0.0121	-0.0123	0.4629	0.3817
0.40	-0.0177	-0.0178	-0.0177	-0.0178	0.4629	0.3820
0.60	-0.0199	-0.0201	-0.0199	-0.0201	0.4629	0.3822
0.80	-0.0221	-0.0223	-0.0221	-0.0223	0.4629	0.3824
1.00	-0.0254	-0.0256	-0.0254	-0.0256	0.4629	0.3826
1.50	-0.0386	-0.0390	-0.0386	-0.0390	0.4629	0.3832
2.00	-0.0420	-0.0424	-0.0420	-0.0424	0.4629	0.3837
2.50	-0.0420	-0.0424	-0.0420	-0.0424	0.4629	0.3843
3.00	-0.0408	-0.0412	-0.0408	-0.0412	0.4629	0.3849
4.00	-0.0298	-0.0301	-0.0298	-0.0301	0.4629	0.3860
6.00	-0.0132	-0.0134	-0.0132	-0.0134	0.4629	0.3882
8.00	0.0055	0.0056	0.0055	0.0056	0.4629	0.3904
10.00	0.0243	0.0245	0.0243	0.0245	0.4629	0.3927
12.00	0.0464	0.0468	0.0464	0.0468	0.4629	0.3949
14.00	0.0684	0.0691	0.0684	0.0691	0.4629	0.3971
16.00	0.0949	0.0958	0.0949	0.0958	0.4629	0.3993
18.00	0.1225	0.1236	0.1225	0.1236	0.4629	0.4016
20.00	0.1512	0.1524	0.1512	0.1524	0.4629	0.4038
25.00	0.2186	0.2198	0.2186	0.2198	0.4629	0.4094
30.00	0.2892	0.2898	0.2892	0.2898	0.4629	0.4149
35.00	0.3743	0.3729	0.3743	0.3729	0.4629	0.4205
40.00	0.4615	0.4565	0.4615	0.4565	0.4629	0.4261
45.00	0.5509	0.5403	0.5509	0.5403	0.4629	0.4317
50.00	0.6425	0.6238	0.6425	0.6238	0.4629	0.4372
55.00	0.7408	0.7104	0.7408	0.7104	0.4629	0.4428
60.00	0.8390	0.7936	0.8390	0.7936	0.4629	0.4484
65.00	0.9296	0.8671	0.9286	0.8881	0.4634	0.4539
70.00	1.0035	0.9249	1.0017	0.9466	0.4639	0.4595
75.00	1.0576	0.9658	1.0504	0.9845	0.4669	0.4651
80.00	1.0896	0.9895	1.0772	1.0050	0.4699	0.4706
85.00	1.1018	0.9984	1.0789	1.0062	0.4759	0.4762
90.00	1.1040	1.0000	1.0707	1.0000	0.4819	0.4818
100.62	1.1040	1.0000	1.0507	0.9848	0.4936	0.4936
102.11	1.1012	0.9980	1.0451	0.9805	0.4952	0.4952
112.11	1.1061	1.0015	1.0320	0.9781	0.5060	0.5060
122.11	1.1029	0.9992	1.0121	0.9549	0.5160	0.5160
132.13	1.1049	1.0006	0.9967	0.9443	0.5254	0.5254
142.13	1.1049	1.0006	0.9676	0.9355	0.5322	[illegible]
152.12	1.1028	0.9991	0.9761	0.9267	0.5380	0.5380
162.24	1.1016	0.9982	0.9673	0.9194	0.5426	0.5426
172.11	1.1007	0.9976	0.9623	0.9151	0.5451	0.5451
182.16	1.1000	0.9971	0.9603	0.9137	0.5459	0.5459
192.24	1.1012	0.9980	0.9630	0.9159	0.5450	0.5450
202.04	[illegible]	0.9965	0.9656	0.9180	0.5419	0.5419

M (NOMINAL)= 1.5

X= 211 MM T0=292.1 K DEL 995= 87.8 MM
RE/M= 3.60*10^6 (MEASURED P) ME=1.048 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4713	0.4037
0.20	-0.0022	-0.0022	-0.0022	-0.0022	0.4713	0.4039
0.40	-0.0044	-0.0044	-0.0044	-0.0044	0.4713	0.4041
0.60	-0.0065	-0.0067	-0.0065	-0.0067	0.4713	0.4043
0.80	-0.0087	-0.0089	-0.0087	-0.0089	0.4713	0.4045
1.00	-0.0120	-0.0122	-0.0120	-0.0122	0.4713	0.4046
1.50	-0.0174	-0.0178	-0.0174	-0.0178	0.4713	0.4051
2.00	-0.0153	-0.0156	-0.0153	-0.0156	0.4713	0.4056
2.50	-0.0076	-0.0078	-0.0076	-0.0078	0.4713	0.4060
3.00	-0.0033	-0.0033	0.0033	-0.0033	0.4713	0.4065
4.00	0.0011	0.0011	0.0011	0.0011	0.4713	0.4074
6.00	0.0153	0.0156	0.0153	0.0156	0.4713	[illegible]
8.00	0.0338	0.0345	0.0338	0.0345	0.4713	0.4111
10.00	0.0524	0.0534	0.0524	0.0534	0.4713	0.4130
12.00	0.0731	0.0745	0.0731	0.0745	0.4713	0.4148
14.00	0.0945	0.0962	0.0945	0.0962	0.4713	0.4167
16.00	0.1178	0.1200	0.1178	0.1200	0.4713	0.4185
18.00	0.1516	0.1543	0.1516	0.1543	0.4713	0.4204
20.00	0.1680	0.1709	0.1680	0.1709	0.4713	0.4222
25.00	0.2324	0.2357	0.2324	0.2357	0.4713	0.4268
30.00	0.3044	0.3076	0.3044	0.3076	0.4713	0.4315
35.00	0.3796	0.3807	0.3796	0.3807	0.4713	0.4361
40.00	0.4582	0.4578	0.4582	0.4578	0.4713	0.4407
45.00	0.5444	0.5395	0.5444	0.5395	0.4713	0.4453
50.00	0.6328	0.6210	0.6328	0.6210	0.4713	0.4500
55.00	0.7212	0.7000	0.7212	0.7000	0.4713	0.4546
60.00	0.8106	0.7772	0.8106	0.7772	0.4713	0.4592
65.00	0.8946	0.8471	0.8946	0.8471	0.4713	0.4638
70.00	0.9732	0.9101	0.9732	0.9101	0.4713	0.4685
75.00	1.0343	0.9574	1.0307	0.9664	0.4733	0.4731
80.00	1.0735	0.9870	1.0665	1.0144	0.4753	0.4777
85.00	1.0888	0.9984	1.0723	1.0184	0.4800	0.4823
90.00	1.0899	0.9992	1.0639	1.0124	0.4863	0.4870
95.00	1.0899	0.9992	1.0554	1.0057	0.4911	0.4916
100.00	1.0910	1.0000	1.0480	1.0000	0.4961	0.4962
102.11	1.0910	1.0000	1.0452	0.9978	0.4980	0.4980
112.11	1.0901	1.0009	1.0320	0.9882	0.5060	0.5060
122.11	1.0900	0.9998	1.0184	0.9761	0.5142	0.5142
132.11	1.0942	1.0021	1.0077	0.9681	0.5226	0.5226
142.12	1.0918	1.0006	[illegible]	0.9582	0.5296	0.5296
152.11	1.0870	0.9970	0.9816	0.9471	0.5379	0.5379
[illegible]	1.0860	0.9969	0.9766	0.9420	[illegible]	[illegible]
172.16	1.0869	0.9964	0.9644	0.9411	[illegible]	[illegible]
182.12	1.0850	0.9950	0.9618	[illegible]	[illegible]	[illegible]
192.14	1.0820	0.9947	0.9574	[illegible]	[illegible]	[illegible]
202.04	1.0849	0.9955	0.9480	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1.5

X= 260 MM T0=292.0 K DEL 995= 90.8 MM
RE/M= 3.60*10^6 (MEASURED P) ME=1.044 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4789	0.4262
0.20	0.0205	0.0211	0.0205	0.0211	0.4789	0.4263
0.40	0.0280	0.0289	0.0280	0.0289	0.4789	0.4265
0.60	0.0377	0.0388	0.0377	0.0388	0.4789	0.4266
0.80	0.0442	0.0455	0.0442	0.0455	0.4789	0.4267
1.00	0.0474	0.0488	0.0474	0.0488	0.4789	0.4269
1.50	0.0614	0.0632	0.0614	0.0632	0.4789	0.4272
2.00	0.0647	0.0666	0.0647	0.0666	0.4789	0.4275
2.50	0.0679	0.0699	0.0679	0.0699	0.4789	0.4279
3.00	0.0722	0.0743	0.0722	0.0743	0.4789	0.4282
4.00	0.0841	0.0865	0.0841	0.0865	0.4789	0.4289
6.00	0.0927	0.0954	0.0927	0.0954	0.4789	0.4302
8.00	0.1067	0.1098	0.1067	0.1098	0.4789	0.4315
10.00	0.1164	0.1197	0.1164	0.1197	0.4789	0.4329
12.00	0.1304	0.1341	0.1304	0.1341	0.4789	0.4342
14.00	0.1466	0.1506	0.1466	0.1506	0.4789	0.4355
16.00	0.1585	0.1628	0.1585	0.1628	0.4789	0.4368
18.00	0.1757	0.1804	0.1757	0.1804	0.4789	0.4382
20.00	0.1951	0.2002	0.1951	0.2002	0.4789	0.4395
25.00	0.2512	0.2570	0.2512	0.2570	0.4789	0.4428
30.00	0.3115	0.3178	0.3115	0.3178	0.4789	0.4461
35.00	0.3848	0.3906	0.3848	0.3906	0.4789	0.4495
40.00	0.4571	0.4612	0.4571	0.4612	0.4789	0.4528
45.00	0.5379	0.5386	0.5379	0.5386	0.4789	0.4561
50.00	0.6220	0.6171	0.6220	0.6171	0.4789	0.4594
55.00	0.7082	0.6953	0.7082	0.6953	0.4789	0.4628
60.00	0.7913	0.7682	0.7913	0.7682	0.4789	0.4661
65.00	0.8710	0.8358	0.8700	0.8572	0.4794	0.4694
70.00	0.9562	0.9054	0.9543	0.9279	0.4799	0.4727
75.00	1.0144	0.9513	1.0100	0.9731	0.4814	0.4761
80.00	1.0478	0.9771	1.0488	0.9976	0.4829	0.4794
85.00	1.0686	0.9870	1.0504	1.0051	0.4849	0.4827
90.00	1.0704	0.9943	1.0567	1.0100	0.4869	0.4860
95.00	1.0758	0.9984	1.0569	1.0102	0.4899	0.4893
100.00	1.0769	0.9992	1.0529	1.0071	0.4929	0.4927
105.00	1.0769	0.9992	1.0479	1.0031	0.4959	0.4959
110.00	1.0780	1.0000	1.0439	1.0006	0.4989	0.4989
122.15	1.0751	0.9979	1.0227	0.9833	0.5096	0.5096
132.12	1.0774	[illegible]	1.0189	[illegible]	0.5184	0.5184
142.1[illegible]	1.0756	0.9982	0.9982	[illegible]	0.5250	0.5250
152.11	1.0747	0.9972	0.9891	0.9567	[illegible]	[illegible]
[illegible]	1.0740	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	0.9511	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

M (NOMINAL)= 1.5

X= 456 MM T0=291.8 K DEL 995=102.3 MM
RE/M= 3.54*10^6 (MEASURED P) ME=1.008 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5087	0.4496
0.69	0.1508	0.1694	0.1508	0.1694	0.5087	0.4500
0.89	0.1309	0.1398	0.1309	0.1398	0.5087	0.4502
1.10	0.1556	0.1660	0.1556	0.1660	0.5087	0.4503
1.31	0.1554	0.1658	0.1554	0.1658	0.5087	0.4504
1.49	0.1634	0.1743	0.1634	0.1743	0.5087	0.4505
1.71	0.1705	0.1819	0.1705	0.1819	0.5087	0.4507
2.19	0.1630	0.1739	0.1630	0.1739	0.5087	0.4510
2.70	0.1701	0.1814	0.1701	0.1814	0.5087	0.4513
3.19	0.1812	0.1932	0.1812	0.1932	0.5087	0.4516
3.69	0.1826	0.1947	0.1826	0.1947	0.5087	0.4519
4.69	0.1864	0.1987	0.1864	0.1987	0.5087	0.4525
6.70	0.1890	0.2015	0.1890	0.2015	0.5087	0.4538
8.70	0.1867	0.1990	0.1967	0.1990	0.5087	0.4550
10.70	0.2061	0.2196	0.2061	0.2196	0.5087	0.4562
12.69	0.2159	0.2299	0.2159	0.2299	0.5087	0.4575
14.71	0.2418	0.2572	0.2418	0.2572	0.5087	0.4587
16.71	0.2485	0.2642	0.2485	0.2642	0.5087	0.4599
18.72	0.2711	0.2880	0.2711	0.2880	0.5087	0.4612
20.71	0.2807	0.2980	0.2807	0.2980	0.5087	0.4624
25.70	0.3246	0.3437	0.3246	0.3437	0.5087	0.4655
30.72	0.3822	0.4030	0.3822	0.4030	0.5087	0.4686
35.71	0.4320	0.4537	0.4320	0.4537	0.5087	0.4717
40.71	0.4827	0.5048	0.4827	0.5048	0.5087	0.4748
45.70	0.5377	0.5593	0.5377	0.5593	0.5087	0.4778
50.70	0.6093	0.6289	0.6093	0.6289	0.5087	0.4809
55.71	0.6791	0.6952	0.6791	0.6952	0.5087	0.4840
60.70	0.7352	0.7472	0.7352	0.7472	0.5087	0.4871
70.75	0.8096	0.8042	0.8096	0.8042	0.5087	0.4933
80.69	0.9682	0.9684	0.9681	0.9767	0.5088	0.4995
90.69	1.0113	0.9857	1.0092	1.0006	0.5100	0.5057
100.67	1.0238	0.9958	1.0150	1.0057	0.5140	0.5118
102.11	1.0266	0.9981	1.0170	1.0073	0.5145	0.5127
112.12	1.0263	0.9978	1.0094	1.0010	0.5190	0.5189
116.13	1.0290	1.0000	1.0081	1.0000	0.5214	0.5214
122.13	1.0288	0.9998	1.0020	0.9950	0.5250	0.5250
132.14	1.0285	0.9996	0.9918	0.9865	0.5310	0.5310
142.13	1.0251	0.9969	0.9783	0.9752	0.5372	0.5372
152.12	1.0235	0.9956	0.9657	0.9647	0.5440	0.5440
162.12	1.0238	0.9958	0.9570	0.9573	0.5495	0.5495
172.17	1.0253	0.9970	0.9526	0.9538	0.5531	0.5531
182.11	1.0238	0.9958	0.9480	0.9497	0.5551	0.5551
192.11	1.0213	0.9938	0.9426	0.9451	0.5569	0.5569
202.09	1.0182	0.9913	0.9380	0.9412	0.5577	0.5577

M (NOMINAL)= 1.5

X= 749 MM T0=291.5 K DEL 995=118.[illegible] MM
RE/M= 3.53*10^6 (MEASURED P) ME=0.975 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5415	0.5415
0.69	0.2471	0.2748	0.2471	0.2748	0.5415	0.5415
0.90	0.2551	0.2835	0.2551	0.2835	0.5415	0.5415
1.10	0.2542	0.2826	0.2542	0.2826	0.5415	0.5415
1.29	0.2575	0.2862	0.2575	0.2862	0.5415	0.5415
1.50	0.2816	0.3126	0.2816	0.3126	0.5415	0.5415
1.69	0.2815	0.3125	0.2815	0.3125	0.5415	0.5415
2.19	0.2843	0.3156	0.2843	0.3156	0.5415	0.5415
2.71	0.3023	0.3351	0.3023	0.3351	0.5415	0.5415
3.19	0.3007	0.3334	0.3007	0.3334	0.5415	0.5415
3.70	0.3041	0.3372	0.3041	0.3372	0.5415	0.5415
4.70	0.3134	0.3472	0.3134	0.3472	0.5415	0.5415
6.70	0.3196	0.3540	0.3196	0.3540	0.5415	0.5415
8.71	0.3324	0.3678	0.3324	0.3678	0.5415	0.5415
10.70	0.3499	0.3868	0.3499	0.3868	0.5415	0.5415
12.69	0.3447	0.3811	0.3447	0.3811	0.5415	0.5415
14.74	0.3579	0.3954	0.3579	0.3954	0.5415	0.5415
16.70	0.3738	0.4125	0.3738	0.4125	0.5415	0.5415
18.73	0.3896	0.4284	0.3896	0.4284	0.5415	0.5415
20.70	0.4010	0.4416	0.4010	0.4416	0.5415	0.5415
25.70	0.4291	0.4715	0.4291	0.4715	0.5415	0.5415
30.70	0.4733	0.5181	0.4733	0.5181	0.5415	0.5415
35.70	0.5110	0.5574	0.5110	0.5574	0.5415	0.5415
40.69	0.5486	0.5962	0.5486	0.5962	0.5415	0.5415
45.71	0.5879	0.6362	0.5879	0.6362	0.5415	0.5415
50.70	0.6341	0.6826	0.6341	0.6826	0.5415	0.5415
55.71	0.6784	0.7185	0.6784	0.7185	0.5415	0.5415
60.71	0.7235	0.7702	0.7235	0.7702	0.5415	0.5415
70.71	0.7973	0.8482	0.7973	0.8482	0.5415	0.5415
80.70	0.8886	0.9168	0.8896	0.9168	0.5415	0.5415
90.70	0.9277	0.9588	0.9277	0.9588	0.5415	0.5415
100.62	0.9587	0.9790	0.9587	0.9790	0.5415	0.5415
102.11	0.9614	0.9682	0.9614	0.9682	0.5415	0.5415
112.12	0.9674	0.9934	0.9674	0.9934	0.5415	0.5415
122.12	0.9727	0.9980	0.9727	0.9980	0.5415	0.5415
132.12	0.9750	1.0000	0.9750	1.0000	0.5415	0.5415
142.11	0.9729	0.9981	0.9729	0.9981	0.5415	0.5415
152.20	0.9712	0.9967	0.9712	0.9967	0.5415	0.5415
162.1[illegible]	0.9698	0.9955	0.9698	0.9955	0.5415	0.5415
172.13	0.9714	0.9969	0.9714	0.9969	0.5415	0.5415
182.12	0.9703	0.9960	0.9703	0.9960	0.5415	0.5415
192.12	0.9687	0.9945	0.9687	0.9945	0.5415	0.5415
202.04	0.9674	0.9934	0.9674	0.9934	0.5415	0.5415

M (NOMINAL)= 1.5

X= 1043 MM T0=291.0 K DEL 995=129.0 MM
RE/M= 3.46*10^6 (MEASURED P) ME=0.931 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5676	0.5676
0.69	0.2979	0.3436	0.2979	0.3436	0.5676	0.5676
0.90	0.3000	0.3558	0.3000	0.3558	0.5676	0.5676
1.10	0.3245	0.3737	0.3245	0.3737	0.5676	0.5676
1.29	0.3200	0.3685	0.3200	0.3685	0.5676	0.5676
1.50	0.3355	0.3861	0.3355	0.3861	0.5676	0.5676
1.70	0.3418	0.3931	0.3418	0.3931	0.5676	0.5676
2.19	0.3598	0.4133	0.3598	0.4133	0.5676	0.5676
2.70	0.3736	0.4287	0.3736	0.4287	0.5676	0.5676
[illegible]	0.3744	0.4297	0.3744	0.4297	0.5676	0.5676
[illegible].69	0.3785	0.4341	0.3785	0.4341	0.5676	0.5676
4.70	0.3922	0.4495	0.3922	0.4495	0.5676	0.5676
[illegible]	0.4002	0.4584	0.4002	0.4584	0.5676	0.5676
[illegible].70	0.4104	0.4696	0.4104	0.4696	0.5676	0.5676
10.[illegible]	0.4199	0.4801	0.4199	0.4801	0.5676	0.5676
1[illegible].70	0.4316	0.49[illegible]	0.4316	0.49[illegible]	0.5676	0.5676
14.71	0.4392	0.5015	0.4392	0.5015	0.5676	0.5676
16.69	0.4562	0.5135	0.4562	0.5135	0.5676	0.5676
18.71	0.4622	0.5267	0.4622	0.5267	0.5676	0.5676
20.70	0.4755	0.5489	0.4755	0.5489	0.5676	0.5676
25.70	0.4988	0.5578	0.4988	0.5578	0.5676	0.5676
30.72	0.5160	0.5849	0.5160	0.5849	0.5676	0.5676
35.70	0.5471	0.6183	0.5471	0.6183	0.5676	0.5676
40.70	0.5774	0.6505	0.5774	0.6505	0.5676	0.5676
45.70	0.6036	0.6780	0.6036	0.6780	0.5676	0.5676
50.71	0.6359	0.7116	0.6359	0.7116	0.5676	0.5676
55.72	0.6641	0.7487	0.6641	0.7487	0.5676	0.5676
60.69	0.6983	0.7755	0.6983	0.7755	0.5676	0.5676
70.72	0.7538	0.8303	0.7538	0.8303	0.5676	0.5676
80.70	0.8064	0.8826	0.8064	0.8826	0.5676	0.5676
90.70	0.8561	0.9303	0.8561	0.9303	0.5676	0.5676
100.65	0.8878	0.9600	0.8878	0.9600	0.5676	0.5676
102.11	0.8979	0.9694	0.8979	0.9694	0.5676	0.5676
112.50	0.9126	0.9833	0.9126	0.9833	0.5676	0.5676
122.12	0.9252	0.9947	0.9252	0.9947	0.5676	0.5676
132.14	0.9249	0.9944	0.9249	0.9944	0.5676	0.5676
142.12	0.9310	1.0000	0.9310	1.0000	0.5676	0.5676
152.13	0.9241	0.9937	0.9241	0.9937	0.5676	0.5676
162.11	0.9301	0.9991	0.9301	0.9991	0.5676	0.5676
172.14	0.9288	0.9979	0.9288	0.9979	0.5676	0.5676
182.12	0.9276	0.9968	0.9276	0.9968	0.5676	0.5676
192.12	0.9249	0.9944	0.9249	0.9944	0.5676	0.5676
202.07	0.9244	0.9939	0.9244	0.9939	0.5676	0.5676

M (NOMINAL)= 1.5

X= 1279 MM T0=292.6 K DEL 995=139.5 MM
RE/M= 3.45*10^6 (MEASURED P) ME=0.913 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5793	0.5793
0.66	0.3544	0.4141	0.3544	0.4141	0.5793	0.5793
0.87	0.3682	0.4287	0.3682	0.4287	0.5793	0.5793
1.06	0.3710	0.4330	0.3710	0.4330	0.5793	0.5793
1.26	0.3768	0.4396	0.3768	0.4396	0.5793	0.5793
1.46	0.3858	0.4498	0.3858	0.4498	0.5793	0.5793
1.66	0.3894	0.4538	0.3894	0.4538	0.5793	0.5793
2.16	0.3977	0.4632	0.3977	0.4632	0.5793	0.5793
2.66	0.4172	0.4852	0.4172	0.4852	0.5793	0.5793
3.16	0.4221	0.4907	0.4221	0.4907	0.5793	0.5793
3.66	0.4287	0.4982	0.4287	0.4982	0.5793	0.5793
4.66	0.4371	0.5075	0.4371	0.5075	0.5793	0.5793
6.67	0.4527	0.5249	0.4527	0.5249	0.5793	0.5793
8.66	0.4665	0.5403	0.4665	0.5403	0.5793	0.5793
10.66	0.4687	0.5427	0.4687	0.5427	0.5793	0.5793
12.66	0.4758	0.5505	0.4758	0.5505	0.5793	0.5793
14.67	0.4889	0.5651	0.4889	0.5651	0.5793	0.5793
16.66	0.4992	0.5764	0.4992	0.5764	0.5793	0.5793
18.66	0.5012	0.5786	0.5012	0.5786	0.5793	0.5793
20.67	0.5091	0.5873	0.5091	0.5873	0.5793	0.5793
25.67	0.5271	0.6069	0.5271	0.6069	0.5793	0.5793
30.66	0.5487	0.6305	0.5487	0.6305	0.5793	0.5793
35.67	0.5714	0.6550	0.5714	0.6550	0.5793	0.5793
40.66	0.5955	0.6807	0.5955	0.6807	0.5793	0.5793
45.66	0.6169	0.7036	0.6169	0.7036	0.5793	0.5793
50.67	0.6405	0.7284	0.6405	0.7284	0.5793	0.5793
55.65	0.6650	0.7541	0.6650	0.7541	0.5793	0.5793
60.66	0.6871	0.7771	0.6871	0.7771	0.5793	0.5793
70.66	0.7445	0.8357	0.7445	0.8357	0.5793	0.5793
80.66	0.7729	0.8643	0.7729	0.8643	0.5793	0.5793
90.66	0.8222	0.9130	0.8222	0.9130	0.5793	0.5793
101.43	0.8592	0.9489	0.8592	0.9489	0.5793	0.5793
111.43	0.8834	0.9720	0.8834	0.9720	0.5793	0.5793
121.44	0.9039	0.9914	0.9039	0.9914	0.5793	0.5793
131.43	0.9054	0.9929	0.9054	0.9929	0.5793	0.5793
141.43	0.9100	0.9972	0.9100	0.9972	0.5793	0.5793
151.44	0.9129	0.9999	0.9129	0.9999	0.5793	0.5793
161.43	0.9139	1.0009	0.9139	1.0009	0.5793	0.5793
171.43	0.9130	1.0000	0.9130	1.0000	0.5793	0.5793
181.43	0.9090	0.9962	0.9090	0.9962	0.5793	0.5793
191.43	0.9103	0.9974	0.9103	0.9974	0.5793	0.5793

M (NOMINAL) = 1 5

X= 1769 MM   T0=292 5 K   DEL 995=157 6 MM
RE/M= 3 35*10^6 (MEASURED P)   ME=0 875 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6015	0 6015
0 66	0 3820	0 4621	0 3820	0 4621	0 6015	0 6015
0 85	0 3926	0 4746	0 3926	0 4746	0 6015	0 6015
1 06	0 4015	0 4850	0 4015	0 4850	0 6015	0 6015
1 26	0 4088	0 4935	0 4088	0 4935	0 6015	0 6015
1 46	0 4250	0 5133	0 4250	0 5133	0 6015	0 6015
1 66	0 4269	0 5146	0 4269	0 5146	0 6015	0 6015
2 16	0 4460	0 5368	0 4460	0 5368	0 6015	0 6015
2 66	0 4548	0 5470	0 4548	0 5470	0 6015	0 6015
3 17	0 4615	0 5546	0 4615	0 5546	0 6015	0 6015
3 66	0 4666	0 5606	0 4666	0 5606	0 6015	0 6015
4 66	0 4756	0 5709	0 4756	0 5709	0 6015	0 6015
6 66	0 4939	0 5919	0 4939	0 5919	0 6015	0 6015
8 66	0 5079	0 6079	0 5079	0 6079	0 6015	0 6015
10 66	0 5160	0 6170	0 5160	0 6170	0 6015	0 6015
12 66	0 5189	0 6203	0 5189	0 6203	0 6015	0 6015
14 66	0 5302	0 6331	0 5302	0 6331	0 6015	0 6015
16 67	0 5317	0 6349	0 5317	0 6349	0 6015	0 6015
18 66	0 5406	0 6448	0 5406	0 6448	0 6015	0 6015
20 67	0 5463	0 6512	0 5463	0 6512	0 6015	0 6015
25 66	0 5651	0 6723	0 5651	0 6723	0 6015	0 6015
30 67	0 5770	0 6856	0 5770	0 6856	0 6015	0 6015
35 66	0 5908	0 7010	0 5908	0 7010	0 6015	0 6015
40 66	0 6099	0 7221	0 6099	0 7221	0 6015	0 6015
45 66	0 6178	0 7308	0 6178	0 7308	0 6015	0 6015
50 66	0 6325	0 7469	0 6325	0 7469	0 6015	0 6015
55 66	0 6505	0 7665	0 6505	0 7665	0 6015	0 6015
60 66	0 6647	0 7819	0 6647	0 7819	0 6015	0 6015
70 66	0 7029	0 8229	0 7029	0 8229	0 6015	0 6015
80 66	0 7327	0 8545	0 7327	0 8545	0 6015	0 6015
90 66	0 7552	0 8781	0 7552	0 8781	0 6015	0 6015
101 43	0 7804	0 9125	0 7804	0 9125	0 6015	0 6015
111 43	0 8166	0 9414	0 8166	0 9414	0 6015	0 6015
121 44	0 8357	0 9607	0 8357	0 9607	0 6015	0 6015
131 44	0 8551	0 9802	0 8551	0 9802	0 6015	0 6015
141 43	0 8665	0 9916	0 8665	0 9916	0 6015	0 6015
151 43	0 8671	0 9922	0 8671	0 9922	0 6015	0 6015
161 43	0 8721	0 9971	0 8721	0 9971	0 6015	0 6015
171 43	0 8763	1 0013	0 8763	1 0013	0 6015	0 6015
181 43	0 8750	1 0000	0 8750	1 0000	0 6015	0 6015
191 43	0 8747	0 9997	0 8747	0 9997	0 6015	0 6015

M (NOMINAL) = 1 5

X= 2258 MM   T0=292 6 K   DEL 995=172 3 MM
RE/M= 3 32*10^6 (MEASURED P)   ME=0 851 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6141	0 6141
0 66	0 3931	0 4867	0 3931	0 4867	0 6141	0 6141
0 86	0 4085	0 5052	0 4085	0 5052	0 6141	0 6141
1 06	0 4148	0 5127	0 4148	0 5127	0 6141	0 6141
1 26	0 4253	0 5253	0 4253	0 5253	0 6141	0 6141
1 47	0 4361	0 5382	0 4361	0 5382	0 6141	0 6141
1 66	0 4422	0 5454	0 4422	0 5454	0 6141	0 6141
2 16	0 4544	0 5599	0 4544	0 5599	0 6141	0 6141
2 66	0 4651	0 5725	0 4651	0 5725	0 6141	0 6141
3 16	0 4700	0 5783	0 4700	0 5783	0 6141	0 6141
3 66	0 4858	0 5968	0 4858	0 5968	0 6141	0 6141
4 66	0 4995	0 6129	0 4995	0 6129	0 6141	0 6141
6 67	0 5149	0 6289	0 5149	0 6289	0 6141	0 6141
8 66	0 5352	0 6544	0 5352	0 6544	0 6141	0 6141
10 66	0 5443	0 6649	0 5443	0 6649	0 6141	0 6141
12 67	0 5496	0 6710	0 5496	0 6710	0 6141	0 6141
14 67	0 5524	0 6742	0 5524	0 6742	0 6141	0 6141
16 67	0 5616	0 6848	0 5616	0 6848	0 6141	0 6141
18 66	0 5638	0 6873	0 5638	0 6873	0 6141	0 6141
20 67	0 5722	0 6970	0 5722	0 6970	0 6141	0 6141
25 66	0 5822	0 7083	0 5822	0 7083	0 6141	0 6141
30 66	0 5966	0 7248	0 5966	0 7248	0 6141	0 6141
35 66	0 6057	0 7350	0 6057	0 7350	0 6141	0 6141
40 66	0 6149	0 7455	0 6149	0 7455	0 6141	0 6141
45 66	0 6274	0 7596	0 6274	0 7596	0 6141	0 6141
50 67	0 6338	0 7658	0 6338	0 7658	0 6141	0 6141
55 67	0 6500	0 7848	0 6500	0 7848	0 6141	0 6141
60 66	0 6628	0 7989	0 6628	0 7989	0 6141	0 6141
70 67	0 6862	0 8248	0 6862	0 8248	0 6141	0 6141
80 66	0 7046	0 8450	0 7046	0 8450	0 6141	0 6141
90 75	0 7245	0 8665	0 7245	0 8665	0 6141	0 6141
100 65	0 7508	0 8949	0 7508	0 8949	0 6141	0 6141
101 43	0 7560	0 9005	0 7560	0 9005	0 6141	0 6141
111 43	0 7791	0 9250	0 7791	0 9250	0 6141	0 6141
121 44	0 7939	0 9406	0 7939	0 9406	0 6141	0 6141
131 43	0 8170	0 9649	0 8170	0 9649	0 6141	0 6141
141 43	0 8251	0 9733	0 8251	0 9733	0 6141	0 6141
151 44	0 8351	0 9836	0 8351	0 9836	0 6141	0 6141
161 43	0 8437	0 9925	0 8437	0 9925	0 6141	0 6141
171 44	0 8484	0 9973	0 8484	0 9973	0 6141	0 6141
181 43	0 8479	0 9968	0 8479	0 9968	0 6141	0 6141
191 52	0 8535	1 0025	0 8535	1 0025	0 6141	0 6141
201 42	0 8510	1 0000	0 8510	1 0000	0 6141	0 6141

M (NOMINAL) = 1 5

X= 2745 MM   T0=292 6 K   DEL 995=181 9 MM
RE/M= 3 25*10^6 (MEASURED P)   ME=0 827 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6251	0 6251
0 66	0 3951	0 5015	0 3951	0 5015	0 6251	0 6251
0 86	0 4036	0 5120	0 4036	0 5120	0 6251	0 6251
1 06	0 4147	0 5256	0 4147	0 5256	0 6251	0 6251
1 26	0 4243	0 5375	0 4243	0 5375	0 6251	0 6251
1 46	0 4295	0 5437	0 4295	0 5437	0 6251	0 6251
1 66	0 4400	0 5565	0 4400	0 5565	0 6251	0 6251
2 16	0 4541	0 5739	0 4541	0 5739	0 6251	0 6251
2 66	0 4663	0 5886	0 4663	0 5886	0 6251	0 6251
3 16	0 4797	0 6046	0 4797	0 6046	0 6251	0 6251
3 66	0 4844	0 6101	0 4844	0 6101	0 6251	0 6251
4 16	0 4949	0 6229	0 4949	0 6229	0 6251	0 6251
4 66	0 5013	0 6307	0 5013	0 6307	0 6251	0 6251
6 66	0 5247	0 6586	0 5247	0 6586	0 6251	0 6251
8 66	0 5323	0 6675	0 5323	0 6675	0 6251	0 6251
10 66	0 5415	0 6809	0 5415	0 6809	0 6251	0 6251
12 66	0 5492	0 6876	0 5492	0 6876	0 6251	0 6251
14 67	0 5565	0 6962	0 5565	0 6962	0 6251	0 6251
16 67	0 5680	0 7004	0 5680	0 7004	0 6251	0 6251
18 67	0 5706	0 7120	0 5706	0 7120	0 6251	0 6251
20 66	0 5748	0 7177	0 5748	0 7177	0 6251	0 6251
25 66	0 5834	0 7277	0 5834	0 7277	0 6251	0 6251
30 67	0 5979	0 7447	0 5979	0 7447	0 6251	0 6251
35 67	0 6026	0 7501	0 6026	0 7501	0 6251	0 6251
40 67	0 6155	0 7651	0 6155	0 7651	0 6251	0 6251
45 67	0 6200	0 7781	0 6200	0 7781	0 6251	0 6251
50 66	0 6351	0 7876	0 6351	0 7876	0 6251	0 6251
55 67	0 6418	0 7954	0 6418	0 7954	0 6251	0 6251
60 66	0 6458	0 7999	0 6458	0 7999	0 6251	0 6251
70 66	0 6627	0 8191	0 6627	0 8191	0 6251	0 6251
80 66	0 6838	0 8422	0 6838	0 8422	0 6251	0 6251
90 65	0 6997	[illegible]	0 6997	[illegible]	0 6251	0 6251
100 65	0 7172	0 8804	0 7172	0 8804	0 6251	0 6251
101 4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0 6251	0 6251
111 4[illegible]	0 7466	[illegible]	0 7466	[illegible]	0 6251	0 6251
121 4[illegible]	0 7681	[illegible]	0 7681	[illegible]	0 6251	0 6251
131 44	[illegible]	[illegible]	[illegible]	[illegible]	0 6251	0 6251
141 44	[illegible]	[illegible]	[illegible]	[illegible]	0 6251	0 6251
151 4[illegible]	0 8011	0 9724	0 8011	0 9724	0 6251	0 6251
161 4[illegible]	0 8087	[illegible]	0 8087	[illegible]	0 6251	0 6251
171 4[illegible]	0 8161	[illegible]	0 8161	[illegible]	0 6251	0 6251
181 4[illegible]	0 8246	0 9974	0 8246	0 9974	0 6251	0 6251
191 42	[illegible]	1 0017	[illegible]	1 0017	0 6251	0 6251
201 42	[illegible]	1 0000	[illegible]	1 0000	0 6251	0 6251

M (NOMINAL) = 1 5

X= 2945 MM   T0=292 6 K   DEL 995=186 5 MM
RE/M= 3 25*10^6 (MEASURED P)   ME=0 [illegible] (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0 00	0 0000	0 0000	0 0000	0 0000	0 6275	0 6275
0 66	0 3937	0 5026	0 3937	0 5026	0 6275	0 6275
0 87	0 4089	0 5213	0 4089	0 5213	0 6275	0 6275
1 06	0 4134	0 5269	0 4134	0 5269	0 6275	0 6275
1 26	0 4237	0 5395	0 4237	0 5395	0 6275	0 6275
1 46	0 4380	0 5571	0 4380	0 5571	0 6275	0 6275
1 66	0 4475	0 5687	0 4475	0 5687	0 6275	0 6275
2 16	0 4579	0 5815	0 4579	0 5815	0 6275	0 6275
2 66	0 4652	[illegible]	0 4652	[illegible]	0 6275	0 6275
3 16	0 4774	0 6062	0 4774	0 6062	0 6275	0 6275
3 66	[illegible]	[illegible]	[illegible]	[illegible]	0 6275	0 6275
4 66	0 5013	0 6345	0 5013	0 6345	0 6275	0 6275
6 66	0 5222	0 6591	0 5222	0 6591	0 6275	0 6275
8 67	0 5351	0 6745	0 5351	0 6745	0 6275	0 6275
10 66	0 5460	[illegible]	0 5460	[illegible]	0 6275	0 6275
12 66	0 5547	0 6978	0 5547	0 6978	0 6275	0 6275
14 67	0 5624	0 7069	0 5624	0 7069	0 6275	0 6275
16 65	0 5706	0 7168	0 5706	0 7168	0 6275	0 6275
18 66	0 5743	0 7210	0 5743	0 7210	0 6275	0 6275
20 66	0 5749	0 7217	0 5749	0 7217	0 6275	0 6275
25 66	0 5841	0 7325	0 5841	0 7325	0 6275	0 6275
30 66	0 5957	0 7461	0 5957	0 7461	0 6275	0 6275
35 67	0 6056	0 7577	0 6056	0 7577	0 6275	0 6275
40 66	0 6196	0 7740	0 6196	0 7740	0 6275	0 6275
45 66	0 6266	0 7820	0 6266	0 7820	0 6275	0 6275
50 66	0 6283	0 7839	0 6283	0 7839	0 6275	0 6275
55 66	0 6382	0 7955	0 6382	0 7955	0 6275	0 6275
60 67	0 6426	0 8005	0 6426	0 8005	0 6275	0 6275
70 66	0 6645	0 8252	0 6645	0 8252	0 6275	0 6275
80 65	0 6796	0 8428	0 6796	0 8428	0 6275	0 6275
90 70	0 6976	0 8652	0 6976	0 8652	0 6275	0 6275
100 65	0 7154	0 8851	0 7154	0 8851	0 6275	0 6275
101 4[illegible]	0 7155	[illegible]	0 7155	[illegible]	0 6275	0 6275
111 4[illegible]	[illegible]	0 9010	[illegible]	0 9010	0 6275	0 6275
121 4[illegible]	0 7551	0 9273	0 7551	0 9273	0 6275	0 6275
131 4[illegible]	0 7633	0 9363	0 7633	0 9363	0 6275	0 6275
141 4[illegible]	0 7791	0 9556	0 7791	0 9556	0 6275	0 6275
151 4[illegible]	[illegible]	0 9657	[illegible]	0 9657	0 6275	0 6275
161 44	0 7981	0 9742	0 7981	0 9742	0 6275	0 6275
171 4[illegible]	0 8065	0 9855	0 8065	0 9855	0 6275	0 6275
181 4[illegible]	0 8155	0 9938	0 8155	0 9938	0 6275	0 6275
191 47	0 8192	0 9970	0 8192	0 9970	0 6275	0 6275
201 4[illegible]	0 8220	1 0000	0 8220	1 0000	0 6275	0 6275

Table 2 (continued)

M (NOMINAL)= 1.5

X=-516 MM T0=295.2 K DEL 995= 33.4 MM
RE/M= 6.45*10^6 (MEASURED P) ME=1.544 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2545	0.2545
0.69	0.7915	0.5872	0.7915	0.5872	0.2545	0.2545
0.90	0.8290	0.6118	0.8290	0.6118	0.2545	0.2545
1.09	0.8552	0.6287	0.8552	0.6287	0.2545	0.2545
1.31	0.8856	0.6401	0.8856	0.6401	0.2545	0.2545
1.49	0.9002	0.6572	0.9002	0.6572	0.2545	0.2545
1.69	0.9198	0.6695	0.9198	0.6695	0.2545	0.2545
2.19	0.9554	0.6915	0.9554	0.6915	0.2545	0.2545
2.70	0.9854	0.7097	0.9854	0.7097	0.2545	0.2545
3.19	1.0118	0.7251	1.0118	0.7251	0.2545	0.2545
3.69	1.0334	0.7383	1.0334	0.7383	0.2545	0.2545
4.75	1.0718	0.7607	1.0718	0.7607	0.2545	0.2545
6.71	1.1263	0.7917	1.1263	0.7917	0.2545	0.2545
8.70	1.1742	0.8182	1.1742	0.8182	0.2545	0.2545
10.70	1.2205	0.8432	1.2205	0.8432	0.2545	0.2545
12.73	1.2650	0.8666	1.2650	0.8666	0.2545	0.2545
14.70	1.3033	0.8862	1.3033	0.8862	0.2545	0.2545
16.69	1.3385	0.9039	1.3385	0.9039	0.2545	0.2545
18.72	1.3759	0.9223	1.3759	0.9223	0.2545	0.2545
20.72	1.4081	0.9378	1.4081	0.9378	0.2545	0.2545
23.20	1.4501	0.9576	1.4501	0.9576	0.2545	0.2545
25.69	1.4818	0.9722	1.4818	0.9722	0.2545	0.2545
28.19	1.5091	0.9845	1.5091	0.9845	0.2545	0.2545
30.71	1.5267	0.9924	1.5267	0.9924	0.2545	0.2545
33.19	1.5380	0.9974	1.5380	0.9974	0.2545	0.2545
35.72	1.5423	0.9993	1.5423	0.9993	0.2545	0.2545
38.20	1.5440	1.0000	1.5440	1.0000	0.2545	0.2545
40.72	1.5442	1.0001	1.5442	1.0001	0.2545	0.2545
45.71	1.5443	1.0001	1.5443	1.0001	0.2545	0.2545
50.73	1.5438	0.9999	1.5438	0.9999	0.2545	0.2545
102.11	1.5466	1.0011	1.5466	1.0011	0.2545	0.2545
112.12	1.5471	1.0013	1.5471	1.0013	0.2545	0.2545
122.14	1.5465	1.0011	1.5465	1.0011	0.2545	0.2545
132.13	1.5477	1.0016	1.5477	1.0016	0.2545	0.2545
142.14	1.5479	1.0017	1.5479	1.0017	0.2545	0.2545
152.15	1.5472	1.0014	1.5472	1.0014	0.2545	0.2545

M (NOMINAL)= 1.5

X=-320 MM T0=295.1 K DEL 995= 34.7 MM
RE/M= 6.45*10^6 (MEASURED P) ME=1.532 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2585	0.2585
0.69	0.7680	0.5752	0.7686	0.5752	0.2585	0.2585
0.90	0.8031	0.5980	0.8031	0.5990	0.2585	0.2585
1.11	0.8345	0.6196	0.8345	0.6186	0.2585	0.2585
1.31	0.8550	0.6319	0.8550	0.6319	0.2585	0.2585
1.50	0.8735	0.6438	0.8735	0.6438	0.2585	0.2585
1.69	0.8927	0.6560	0.8927	0.6560	0.2585	0.2585
2.19	0.9289	0.6787	0.9289	0.6787	0.2585	0.2585
2.70	0.9592	0.6975	0.9592	0.6975	0.2585	0.2585
3.19	0.9851	0.7133	0.9851	0.7133	0.2585	0.2585
3.70	1.0070	0.7265	1.0070	0.7265	0.2585	0.2585
4.74	1.0441	0.7485	1.0441	0.7485	0.2585	0.2585
6.69	1.1009	0.7815	1.1009	0.7815	0.2585	0.2585
8.71	1.1501	0.8092	1.1501	0.8092	0.2585	0.2585
10.71	1.1923	0.8325	1.1923	0.8325	0.2585	0.2585
12.70	1.2328	0.8542	1.2328	0.8542	0.2585	0.2585
14.73	1.2748	0.8763	1.2748	0.8763	0.2585	0.2585
16.70	1.3083	0.8935	1.3083	0.8935	0.2585	0.2585
18.69	1.3445	0.9117	1.3445	0.9117	0.2585	0.2585
20.69	1.3770	0.9277	1.3770	0.9277	0.2585	0.2585
23.20	1.4173	0.9472	1.4173	0.9472	0.2585	0.2585
25.71	1.4502	0.9627	1.4502	0.9627	0.2585	0.2585
28.23	1.4833	0.9780	1.4833	0.9780	0.2585	0.2585
30.70	1.5055	0.9881	1.5055	0.9881	0.2585	0.2585
33.19	1.5211	0.9952	1.5211	0.9952	0.2585	0.2585
35.71	1.5299	0.9990	1.5299	0.9990	0.2585	0.2585
38.20	1.5311	0.9996	1.5311	0.9996	0.2585	0.2585
40.74	1.5320	1.0000	1.5320	1.0000	0.2585	0.2585
45.69	1.5338	1.0008	1.5338	1.0008	0.2585	0.2585
50.73	1.5338	1.0008	1.5338	1.0008	0.2585	0.2585
102.11	1.5312	0.9997	1.5312	0.9997	0.2585	0.2585
112.13	1.5299	0.9990	1.5299	0.9990	0.2585	0.2585
122.11	1.5322	1.0001	1.5322	1.0001	0.2585	0.2585
132.12	1.5331	1.0005	1.5331	1.0005	0.2585	0.2585
142.16	1.5312	0.9997	1.5312	0.9997	0.2585	0.2585
152.15	1.5354	1.0015	1.5354	1.0015	0.2585	0.2585

M (NOMINAL)= 1.5

X=-271 MM T0=294.8 K DEL 995= 36.5 MM
RE/M= 6.47*10^6 (MEASURED P) ME=1.531 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2597	0.2632
0.69	0.7650	0.5730	0.7650	0.5730	0.2597	0.2631
0.90	0.8036	0.5987	0.8036	0.5987	0.2597	0.2631
1.10	0.8290	0.6153	0.8290	0.6153	0.2597	0.2631
1.30	0.8538	0.6314	0.8538	0.6314	0.2597	0.2631
1.49	0.8731	0.6438	0.8731	0.6438	0.2597	0.2630
1.72	0.8929	0.6564	0.8929	0.6564	0.2597	0.2630
2.19	0.9240	0.6760	0.9240	0.6760	0.2597	0.2629
2.70	0.9523	0.6935	0.9523	0.6935	0.2597	0.2629
3.20	0.9797	0.7103	0.9797	0.7103	0.2597	0.2628
3.69	1.0085	0.7229	1.0085	0.7229	0.2597	0.2628
4.77	1.0369	0.7447	1.0369	0.7447	0.2597	0.2627
6.70	1.0942	0.7780	1.0942	0.7790	0.2597	0.2625
8.69	1.1383	0.8030	1.1383	0.8030	0.2597	0.2623
10.83	1.1881	0.8305	1.1881	0.8305	0.2597	0.2621
12.73	1.2251	0.8505	1.2251	0.8505	0.2597	0.2620
14.73	1.2644	0.8713	1.2644	0.8713	0.2597	0.2618
16.70	1.2986	0.8889	1.2986	0.8889	0.2597	0.2617
18.70	1.3381	0.9089	1.3381	0.9089	0.2597	0.2615
20.70	1.3689	0.9242	1.3689	0.9242	0.2597	0.2614
23.25	1.4088	0.9436	1.4088	0.9436	0.2597	0.2611
25.69	1.4431	0.9598	1.4431	0.9598	0.2597	0.2609
28.21	1.4734	0.9739	1.4734	0.9739	0.2597	0.2607
30.70	1.4984	0.9853	1.4984	0.9853	0.2597	0.2605
33.19	1.5155	0.9931	1.5155	0.9931	0.2597	0.2603
35.69	1.5256	0.9976	1.5256	0.9976	0.2597	0.2602
38.22	1.5287	0.9990	1.5287	0.9990	0.2597	0.2601
40.70	1.5310	1.0000	1.5310	1.0000	0.2597	0.2598
45.72	1.5324	1.0006	1.5324	1.0006	0.2597	0.2597
50.72	1.5312	1.0001	1.5312	1.0001	0.2597	0.2597
55.71	1.5318	1.0003	1.5318	1.0003	0.2597	0.2597
102.11	1.5290	0.9991	1.5290	0.9991	0.2597	0.2597
112.25	1.5299	0.9995	1.5299	0.9995	0.2597	0.2597
122.12	1.5281	0.9987	1.5281	0.9987	0.2597	0.2597
132.12	1.5298	0.9995	1.5298	0.9995	0.2597	0.2597
142.12	1.5286	0.9989	1.5286	0.9989	0.2597	0.2597
152.14	1.5282	0.9988	1.5282	0.9988	0.2597	0.2597

M (NOMINAL)= 1.5

X=-222 MM T0=294.3 K DEL 995= 36.6 MM
RE/M= 6.51*10^6 (MEASURED P) ME=1.522 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2683	0.2791
0.69	0.7337	0.5586	0.7337	0.5586	0.2683	0.2784
0.91	0.7717	0.5845	0.7717	0.5845	0.2683	0.2782
1.11	0.8007	0.6041	0.8007	0.6041	0.2683	0.2780
1.30	0.8212	0.6177	0.8212	0.6177	0.2683	0.2778
1.52	0.8407	0.6306	0.8407	0.6306	0.2683	0.2776
1.70	0.8601	0.6433	0.8601	0.6433	0.2683	0.2774
2.21	0.8970	0.6671	0.8970	0.6671	0.2683	0.2769
2.69	0.9248	0.6848	0.9248	0.6848	0.2683	0.2764
3.19	0.9489	0.6999	0.9489	0.6999	0.2683	0.2760
3.69	0.9719	0.7142	0.9719	0.7142	0.2683	0.2757
4.69	1.0044	0.7341	1.0044	0.7341	0.2683	0.2751
6.69	1.0606	0.7679	1.0606	0.7679	0.2683	0.2738
8.73	1.1103	0.7968	1.1103	0.7968	0.2683	0.2725
10.69	1.1560	0.8228	1.1560	0.8228	0.2683	0.2712
12.69	1.1936	0.8437	1.1936	0.8437	0.2683	0.2700
14.69	1.2319	0.8646	1.2319	0.8646	0.2683	0.2689
16.69	1.2691	0.8844	1.2691	0.8844	0.2683	0.2678
18.69	1.3017	0.9014	1.3017	0.9014	0.2683	0.2670
20.70	1.3374	0.9197	1.3376	0.9125	0.2682	0.2662
23.20	1.3752	0.9387	1.3763	0.9317	0.2680	0.2657
25.70	1.4076	0.9545	1.4095	0.9478	0.2677	0.2651
28.20	1.4422	0.9712	1.4449	0.9647	0.2675	0.2645
30.72	1.4666	0.9827	1.4706	0.9767	0.2671	0.2642
33.20	1.4837	0.9906	1.4903	0.9858	0.2663	0.2640
35.73	1.4963	0.9965	1.5055	0.9928	0.2656	0.2639
38.20	1.4992	0.9978	1.5109	0.9952	0.2648	0.2637
40.70	1.5020	0.9991	1.5161	0.9976	0.2642	0.2638
45.73	1.5040	1.0000	1.5216	1.0000	0.2632	0.2632
50.72	1.5025	0.9993	1.5233	1.0008	0.2622	0.2622
55.73	1.5031	0.9996	1.5256	1.0018	0.2617	0.2617
102.11	1.5045	1.0002	1.5285	1.0031	0.2613	0.2613
112.11	1.5040	1.0000	1.5280	1.0029	0.2613	0.2613
122.12	1.5040	1.0000	1.5280	1.0029	0.2613	0.2613
132.14	1.5040	1.0000	1.5280	1.0029	0.2613	0.2613
142.12	1.5028	0.9994	1.5268	1.0023	0.2613	0.2613
152.14	1.5010	0.9986	1.5257	1.0019	0.2611	0.2611

Table 2 (continued)

M (NOMINAL)= 1.5

X=-199 MM T0=293.8 K DEL 995= 37.0 MM
RE/M= 6.50*10^6 (MEASURED P) ME=1.527 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.2814	0.3205
0.69	0.6779	0.5304	0.6779	0.5304	0.2814	0.3195
0.90	0.7188	0.5595	0.7188	0.5595	0.2814	0.3132
1.10	0.7466	0.5790	0.7466	0.5790	0.2814	0.3189
1.29	0.7661	0.5926	0.7661	0.5926	0.2814	0.3185
1.51	0.7983	0.6092	0.7983	0.6092	0.2814	0.3181
1.69	0.8076	0.6211	0.8076	0.6211	0.2814	0.3177
2.19	0.8458	0.6468	0.8458	0.6468	0.2814	0.3168
2.69	0.8807	0.6700	0.8807	0.6700	0.2814	0.3158
3.20	0.9030	0.6846	0.9030	0.6846	0.2814	0.3148
3.70	0.9217	0.6968	0.9217	0.6968	0.2814	0.3138
4.69	0.9640	0.7238	0.9640	0.7238	0.2814	0.3119
6.70	1.0231	0.7687	1.0231	0.7687	0.2814	0.3077
8.70	1.0677	0.7878	1.0677	0.7878	0.2814	0.3030
10.72	1.1149	0.8158	1.1149	0.8158	0.2814	0.2983
12.69	1.1532	0.8380	1.1532	0.8380	0.2814	0.2937
14.69	1.1888	0.8582	1.1888	0.8582	0.2814	0.2890
16.69	1.2265	0.8792	1.2265	0.8792	0.2814	0.2854
18.70	1.2607	0.8979	1.2607	0.8979	0.2814	0.2823
20.72	1.2981	0.9179	1.2998	0.8985	0.2811	0.2797
23.23	1.3313	0.9353	1.3352	0.9089	0.2801	0.2771
25.70	1.3665	0.9533	1.3735	0.9279	0.2791	0.2752
28.20	1.3988	0.9696	1.4090	0.9451	0.2781	0.2735
30.69	1.4229	0.9815	1.4379	0.9589	0.2766	0.2718
33.19	1.4400	0.9898	1.4640	0.9711	0.2739	0.2702
35.70	1.4516	0.9955	1.4848	0.9807	0.2711	0.2687
38.20	1.4585	0.9988	1.5010	0.9881	0.2684	0.2675
40.69	1.4611	1.0001	1.5115	0.9929	0.2661	0.2664
45.70	1.4607	0.9999	1.5197	0.9965	0.2636	0.2636
50.71	1.4610	1.0000	1.5274	1.0000	0.2614	0.2614
102.11	1.4606	0.9998	1.5270	0.9998	0.2614	0.2614
112.14	1.4611	1.0001	1.5276	1.0001	0.2614	0.2614
122.14	1.4617	1.0004	1.5282	1.0003	0.2614	0.2614
132.11	1.4610	1.0000	1.5274	1.0000	0.2614	0.2614
142.11	1.4604	0.9997	1.5268	0.9997	0.2614	0.2614
152.13	1.4592	0.9992	1.5256	0.9992	0.2614	0.2614

M (NOMINAL)= 1.5

X=-173 MM T0=293.4 K DEL 995= 37.5 MM
RE/M= 6.51*10^6 (MEASURED P) ME=1.495 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3384	0.3602
0.69	0.4421	0.3809	0.4421	0.3809	0.3384	0.3597
0.90	0.4883	0.4190	0.4883	0.4190	0.3384	0.3596
1.09	0.5113	0.4378	0.5113	0.4378	0.3384	0.3594
1.29	0.5288	0.4520	0.5288	0.4520	0.3384	0.3593
1.50	0.5428	0.4633	0.5428	0.4633	0.3384	0.3591
1.69	0.6069	0.5144	0.6069	0.5144	0.3384	0.3590
2.20	0.6485	0.5470	0.6485	0.5470	0.3384	0.3587
2.70	0.6917	0.5803	0.6917	0.5803	0.3384	0.3583
3.21	0.7206	0.6024	0.7206	0.6024	0.3384	0.3578
3.69	0.7430	0.6192	0.7430	0.6192	0.3384	0.3574
4.70	0.7741	0.6424	0.7741	0.6424	0.3384	0.3564
6.69	0.8678	0.7099	0.8699	0.6522	0.3294	0.3545
8.72	0.9118	0.7415	0.9180	0.6832	0.3282	0.3525
10.70	0.9552	0.7715	0.9657	0.7133	0.3265	0.3502
12.70	1.0035	0.8041	1.0204	0.7469	0.3239	0.3477
14.70	1.0477	0.8332	1.0710	0.7771	0.3213	0.3452
16.71	1.0920	0.8618	1.1218	0.8067	0.3187	0.3425
18.69	1.1260	0.8832	1.1625	0.8298	0.3161	0.3396
20.71	1.1592	0.9038	1.2025	0.8521	0.3135	0.3367
23.22	1.2014	0.9295	1.2538	0.8794	0.3105	0.3322
25.71	1.2314	0.9474	1.2915	0.8997	0.3075	0.3276
28.22	1.2647	0.9668	1.3335	0.9215	0.3045	0.3218
30.70	1.2853	0.9787	1.3638	0.9368	0.3013	0.3155
33.19	1.3180	0.9972	1.4089	0.9598	0.2973	0.3088
35.74	1.3145	0.9952	1.4174	0.9632	0.2932	0.3007
38.22	1.3197	0.9981	1.4347	0.9715	0.2892	0.2931
40.70	1.3211	0.9990	1.4483	0.9780	0.2854	0.2864
45.71	1.3250	1.0011	1.4760	0.9911	0.2778	0.2778
50.72	1.3230	1.0000	1.4952	1.0000	0.2713	0.2713
55.70	1.3238	1.0004	1.4977	1.0012	0.2708	0.2708
102.11	1.3223	0.9996	1.4976	1.0011	0.2704	0.2704
112.12	1.3209	0.9988	1.4961	1.0004	0.2704	0.2704
122.13	1.3222	0.9996	1.4975	1.0010	0.2704	0.2704
132.12	1.3217	0.9993	1.4969	1.0008	0.2704	0.2704
142.12	1.3234	1.0002	1.4987	1.0016	0.2704	0.2704
152.14	1.3242	1.0007	1.4996	1.0020	0.2704	0.2704

M (NOMINAL)= 1.5

X=-148 MM T0=292.7 K DEL 995= 36.7 MM
RE/M= 6.54*10^6 (MEASURED P) ME=1.288 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3719	0.3838
0.69	0.1794	0.1645	0.1794	0.1645	0.3719	0.3835
0.89	0.2341	0.2142	0.2341	0.2142	0.3719	0.3834
1.09	0.2682	0.2378	0.2682	0.2378	0.3719	0.3833
1.29	0.2923	0.2666	0.2923	0.2666	0.3719	0.3832
1.49	0.3139	0.2859	0.3139	0.2859	0.3719	0.3831
1.71	0.3348	0.3045	0.3348	0.3045	0.3719	0.3829
2.22	0.4442	0.4008	0.4442	0.4008	0.3719	0.3827
2.69	0.4643	0.4181	0.4643	0.4181	0.3719	0.3825
3.20	0.4564	0.4114	0.4564	0.4114	0.3719	0.3822
3.70	0.4812	0.4327	0.4812	0.4327	0.3719	0.3820
4.69	0.6210	0.5504	0.6210	0.5504	0.3719	0.3815
6.70	0.6934	0.6092	0.6934	0.6092	0.3719	0.3806
8.70	0.7397	0.6460	0.7397	0.6460	0.3719	0.3795
10.70	0.8159	0.7051	0.8165	0.6871	0.3717	0.3785
12.69	0.8531	0.7332	0.8551	0.7156	0.3711	0.3774
14.69	0.9222	0.7842	0.9256	0.7662	0.3705	0.3763
16.73	0.9539	0.8071	0.9587	0.7894	0.3699	0.3752
18.73	1.0063	0.8441	1.0123	0.8261	0.3693	0.3740
20.69	1.0494	0.8739	1.0571	0.8562	0.3685	0.3726
23.19	1.0828	0.8965	1.0938	0.8862	0.3670	0.3708
25.69	1.1329	0.9296	1.1473	0.9144	0.3655	0.3689
28.19	1.1685	0.9526	1.1863	0.9388	0.3640	0.3671
30.69	1.2029	0.9745	1.2249	0.9624	0.3622	0.3652
33.20	1.2268	0.9894	1.2546	0.9802	0.3597	0.3632
35.69	1.2334	0.9935	1.2671	0.9876	0.3572	0.3608
38.19	1.2515	1.0046	1.2912	1.0017	0.3547	0.3584
40.69	1.2440	1.0000	1.2883	1.0000	0.3528	0.3548
45.69	1.2332	0.9933	1.2797	0.9950	0.3518	0.3518
50.70	1.2248	0.9882	1.2774	0.9936	0.3492	0.3492
55.69	1.2338	0.9937	1.3168	1.0168	0.3372	0.3372
102.11	1.2231	0.9871	1.4928	1.1122	0.2719	0.2719
112.12	1.2238	0.9876	1.4936	1.1126	0.2719	0.2719
122.11	1.2237	0.9875	1.4934	1.1126	0.2719	0.2719
132.11	1.2246	0.9880	1.4944	1.1130	0.2719	0.2719
142.11	1.2240	0.9876	1.4937	1.1127	0.2719	0.2719
152.12	1.2253	0.9885	1.4952	1.1135	0.2719	0.2719

M (NOMINAL)= 1.5

X=-124 MM T0=297.2 K DEL 995= 41.9 MM
RE/M= 6.68*10^6 (MEASURED P) ME=1.259 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.3892	0.3997
0.10	0.0966	0.0891	0.0966	0.0891	0.3892	0.3996
0.20	0.1140	0.1050	0.1140	0.1050	0.3892	0.3996
0.40	0.1289	0.1187	0.1289	0.1187	0.3892	0.3994
0.60	0.1412	0.1301	0.1412	0.1301	0.3892	0.3993
0.80	0.1536	0.1414	0.1536	0.1414	0.3892	0.3992
1.00	0.1697	0.1562	0.1697	0.1562	0.3892	0.3991
1.50	0.2007	0.1845	0.2007	0.1845	0.3892	0.3988
2.00	0.2379	0.2183	0.2379	0.2183	0.3892	0.3984
2.50	0.2751	0.2519	0.2751	0.2519	0.3892	0.3983
3.00	0.3023	0.2764	0.3023	0.2764	0.3892	0.3983
4.00	0.3630	0.3306	0.3630	0.3306	0.3892	0.3981
6.00	0.4560	0.4122	0.4560	0.4122	0.3892	0.3978
8.00	0.5439	0.4877	0.5439	0.4877	0.3892	0.3975
10.00	0.6232	0.5539	0.6232	0.5539	0.3892	0.3971
12.00	0.7050	0.6204	0.7050	0.6204	0.3892	0.3968
14.00	0.7546	0.6597	0.7546	0.6597	0.3892	0.3961
16.00	0.8165	0.7077	0.8165	0.7077	0.3892	0.3953
18.00	0.8710	0.7489	0.8710	0.7489	0.3892	0.3945
20.00	0.9218	0.7864	0.9218	0.7864	0.3892	0.3937
25.00	1.0296	0.8629	1.0318	0.8542	0.3882	0.3918
30.00	1.1163	0.9216	1.1206	0.9135	0.3872	0.3898
35.00	1.1820	0.9642	1.1884	0.9568	0.3862	0.3875
40.00	1.2192	0.9877	1.2278	0.9813	0.3852	0.3849
45.00	1.2378	0.9992	1.2518	0.9959	0.3827	0.3821
50.00	1.2390	1.0000	1.2585	1.0000	0.3802	0.3802
55.69	1.2299	0.9944	1.2595	1.0006	0.3756	0.3756
60.77	1.2291	0.9939	1.2685	1.0060	0.3713	0.3713
70.70	1.2002	0.9758	1.2686	1.0061	0.3585	0.3585
80.82	1.1887	0.9685	1.3177	1.0351	0.3336	0.3336
90.70	1.1844	0.9657	1.3966	1.0800	0.3027	0.3027
102.11	1.1883	0.9683	1.4654	1.1175	0.2813	0.2813
112.12	1.1880	0.9680	1.4900	1.1306	0.2736	0.2736
122.11	1.1866	0.9672	1.4970	1.1342	0.2710	0.2710
132.16	1.1892	0.9688	1.5025	1.1371	0.2702	0.2702
142.12	1.2005	0.9759	1.5149	1.1435	0.2702	0.2702
152.25	1.1878	0.9679	1.5010	1.1363	0.2702	0.2702
162.19	1.1899	0.9693	1.5033	1.1375	0.2702	0.2702
172.12	1.1899	0.9693	1.5033	1.1375	0.2702	0.2702
182.24	1.1901	0.9694	1.5035	1.1376	0.2702	0.2702
192.12	1.1898	0.9692	1.5032	1.1375	0.2702	0.2702

Table 2 (continued)

M (NOMINAL)= 1.5

X=-101 MM　T0=297.0 K　DEL 995= 46.9 MM
RE/M= 6.60*10^6 (MEASURED P)　ME=1.224 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4055	0.4089
0.10	0.0362	0.0341	0.0362	0.0341	0.4055	0.4089
0.20	0.0471	0.0443	0.0471	0.0443	0.4055	0.4089
0.40	0.0579	0.0545	0.0579	0.0545	0.4055	0.4089
0.60	0.0712	0.0670	0.0712	0.0670	0.4055	0.4089
0.80	0.0809	0.0761	0.0809	0.0761	0.4055	0.4089
1.00	0.0941	0.0886	0.0941	0.0886	0.4055	0.4089
1.50	0.1171	0.1101	0.1171	0.1101	0.4055	0.4089
2.00	0.1388	0.1304	0.1388	0.1304	0.4055	0.4089
2.50	0.1605	0.1508	0.1605	0.1508	0.4055	0.4088
3.00	0.1798	0.1688	0.1798	0.1688	0.4055	0.4088
4.00	0.2209	0.2070	0.2209	0.2070	0.4055	0.4088
6.00	0.3102	0.2893	0.3102	0.2893	0.4055	0.4088
8.00	0.3862	0.3583	0.3862	0.3583	0.4055	0.4087
10.00	0.4671	0.4305	0.4671	0.4305	0.4055	0.4087
12.00	0.5395	0.4938	0.5395	0.4938	0.4055	0.4085
14.00	0.6059	0.5506	0.6059	0.5506	0.4055	0.4083
16.00	0.6735	0.6072	0.6735	0.6072	0.4055	0.4082
18.00	0.7326	0.6555	0.7326	0.6555	0.4055	0.4080
20.00	0.7918	0.7027	0.7918	0.7027	0.4055	0.4078
25.00	0.9009	0.7927	0.9100	0.7853	0.4050	0.4061
30.00	1.0127	0.8685	1.0148	0.8689	0.4045	0.4041
35.00	1.0935	0.9249	1.0987	0.9187	0.4030	0.4028
40.00	1.1599	0.9694	1.1681	0.9646	0.4015	0.4015
45.00	1.1961	0.9930	1.2064	0.9892	0.4005	0.3999
50.00	1.2058	0.9992	1.2182	0.9966	0.3995	0.3984
55.00	1.2070	1.0000	1.2235	1.0000	0.3975	0.3975
60.74	1.2070	1.0000	1.2287	1.0032	0.3951	0.3951
70.75	1.2093	1.0015	1.2442	1.0129	0.3888	0.3888
80.92	1.2064	0.9996	1.2616	1.0237	0.3795	0.3795
90.69	1.2025	0.9971	1.2821	1.0362	0.3686	0.3686
102.11	1.1548	0.9661	1.2707	1.0293	0.3527	0.3527
112.24	1.1557	0.9666	1.3158	1.0565	0.3347	0.3347
122.19	1.1555	0.9665	1.3586	1.0817	0.3182	0.3182
132.11	1.1547	0.9660	1.3975	1.1041	0.3040	0.3040
142.14	1.1543	0.9657	1.4298	1.1222	0.2928	0.2928
152.15	1.1548	0.9661	1.4529	1.1351	0.2854	0.2854
162.16	1.1563	0.9670	1.4636	1.1442	0.2806	0.2806
172.17	1.1541	0.9656	1.4786	1.1491	0.2771	0.2771
182.24	1.1558	0.9667	1.4863	1.1532	0.2753	0.2753
192.11	1.1551	0.9662	1.4880	1.1541	0.2745	0.2745

M (NOMINAL)= 1.5

X=-76 MM　T0=297.1 K　DEL 995= 52.1 MM
RE/M= 6.70*10^6 (MEASURED P)　ME=1.204 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4190	0.4231
0.20	0.0166	0.0158	0.0166	0.0158	0.4190	0.4230
0.40	0.0202	0.0192	0.0202	0.0192	0.4190	0.4230
0.60	0.0225	0.0215	0.0225	0.0215	0.4190	0.4229
0.80	0.0261	0.0249	0.0261	0.0249	0.4190	0.4229
1.00	0.0308	0.0294	0.0308	0.0294	0.4190	0.4228
1.50	0.0451	0.0430	0.0451	0.0430	0.4190	0.4227
2.00	0.0581	0.0554	0.0581	0.0554	0.4190	0.4225
2.50	0.0735	0.0701	0.0735	0.0701	0.4190	0.4224
3.00	0.0913	0.0871	0.0913	0.0871	0.4190	0.4223
4.00	0.1198	0.1142	0.1198	0.1142	0.4190	0.4220
6.00	0.1838	0.1749	0.1838	0.1749	0.4190	0.4214
8.00	0.2419	0.2296	0.2419	0.2296	0.4190	0.4208
10.00	0.3072	0.2904	0.3072	0.2904	0.4190	0.4203
12.00	0.3641	0.3430	0.3641	0.3430	0.4190	0.4198
14.00	0.4258	0.3992	0.4258	0.3992	0.4190	0.4194
16.00	0.4851	0.4524	0.4851	0.4524	0.4190	0.4190
18.00	0.5467	0.5069	0.5467	0.5069	0.4190	0.4186
20.00	0.6084	0.5603	0.6084	0.5603	0.4190	0.4182
25.00	0.7816	0.7042	0.7828	0.6970	0.4185	0.4171
30.00	0.8931	0.7916	0.8953	0.7848	0.4180	0.4157
35.00	1.0057	0.8754	1.0108	0.8689	0.4165	0.4143
40.00	1.0935	0.9376	1.1014	0.9321	0.4150	0.4131
45.00	1.1516	0.9771	1.1615	0.9723	0.4140	0.4120
50.00	1.1824	0.9977	1.1944	0.9938	0.4130	0.4111
55.00	1.1848	0.9992	1.1997	0.9973	0.4115	0.4104
60.00	1.1860	1.0000	1.2040	1.0000	0.4100	0.4100
70.70	1.1855	0.9997	1.2147	1.0069	0.4045	0.4045
80.72	1.1860	1.0000	1.2298	1.0165	0.3974	0.3974
90.85	1.1860	1.0000	1.2472	1.0275	0.3892	0.3892
100.64	1.1847	0.9991	1.2657	1.0391	0.3801	0.3801
102.11	1.1851	0.9994	1.2706	1.0421	0.3780	0.3780
112.20	1.1818	0.9967	1.2975	1.0587	0.3644	0.3644
122.14	1.1797	0.9959	1.3254	1.0756	0.3520	0.3520
132.15	1.1738	0.9919	1.3535	1.0923	0.3382	0.3382
142.11	1.1673	0.9876	1.3792	1.1074	0.3257	0.3257
147.11	1.1383	0.9627	1.3552	1.0933	0.3202	0.3202
152.27	1.1284	0.9615	1.3655	1.0994	0.3156	0.3156
162.15	1.1290	0.9619	1.3831	1.1096	0.3095	0.3095
172.12	1.1275	0.9609	1.3996	1.1191	0.3032	0.3032
182.14	1.1275	0.9609	1.4119	1.1262	0.2989	0.2989
192.27	1.1282	0.9614	1.4256	1.1339	0.2945	0.2945
202.06	1.1287	0.9617	1.4387	1.1368	0.2938	0.2938

M (NOMINAL)= 1.5

X=-52 MM　T0=297.4 K　DEL 995= 60.6 MM
RE/M= 6.73*10^6 (MEASURED P)　ME=1.182 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4316	0.4540
0.20	0.0000	0.0000	0.0000	0.0000	0.4316	0.4539
0.40	0.0012	0.0011	0.0012	0.0011	0.4316	0.4538
0.60	0.0012	0.0011	0.0012	0.0011	0.4316	0.4536
0.80	0.0023	0.0022	0.0023	0.0022	0.4316	0.4535
1.00	0.0035	0.0034	0.0035	0.0034	0.4316	0.4534
1.50	0.0070	0.0068	0.0070	0.0068	0.4316	0.4531
2.00	0.0128	0.0124	0.0128	0.0124	0.4316	0.4528
2.50	0.0198	0.0192	0.0198	[illegible]	0.4316	0.4525
3.00	0.0244	0.0237	0.0244	0.0237	0.4316	0.4522
4.00	0.0442	0.0428	0.0442	0.0428	0.4316	0.4516
6.00	0.0780	0.0755	0.0821	0.0785	0.4314	0.4503
8.00	0.1187	0.1148	0.1268	0.1212	0.4310	0.4491
10.00	0.1665	0.1608	0.1762	0.1680	0.4306	0.4479
12.00	0.2130	0.2054	0.2237	0.2130	0.4302	0.4469
14.00	0.2631	0.2530	0.2743	0.2605	0.4298	0.4459
16.00	0.3154	0.3025	0.3278	0.3096	0.4294	0.4448
18.00	0.3702	0.3537	0.3828	0.3602	0.4290	0.4438
20.00	0.4225	0.4021	0.4346	0.4081	0.4286	0.4428
25.00	0.5599	0.5260	0.5724	0.5305	0.4276	0.4402
30.00	0.6949	0.6427	0.7079	0.6457	0.4266	0.4380
35.00	0.8160	0.7424	0.8286	0.7433	0.4261	0.4357
40.00	0.9312	0.8326	0.9437	0.8318	0.4256	0.4335
45.00	1.0266	0.9036	1.0394	0.9018	0.4251	0.4314
50.00	1.1023	0.9576	1.1158	0.9552	0.4246	0.4293
55.00	1.1419	0.9850	1.1573	0.9833	0.4236	0.4274
60.00	1.1605	0.9976	1.1779	0.9970	0.4226	0.4257
65.00	1.1640	1.0000	1.1824	1.0000	0.4221	0.4240
70.82	1.1641	1.0001	1.1840	1.0010	0.4214	0.4214
80.73	1.1640	1.0000	1.1895	1.0047	0.4185	0.4185
90.71	1.1648	1.0005	1.1945	1.0080	0.4164	0.4164
100.63	1.1630	0.9993	1.1984	1.0105	0.4135	0.4135
102.11	1.1616	0.9983	1.1976	1.0100	0.4132	0.4132
112.13	1.1626	0.9991	1.2035	1.0139	0.4107	0.4107
122.13	1.1604	0.9976	1.2099	1.0180	0.4065	0.4065
132.11	1.1600	0.9973	1.2206	1.0250	0.4011	0.4011
142.12	1.1576	0.9957	1.2333	1.0332	0.3939	0.3939
152.26	1.1528	0.9924	1.2458	1.0412	0.3858	0.3858
162.15	1.1420	0.9850	1.2540	1.0464	0.3770	0.3770
172.24	1.1511	0.9912	1.2907	1.0694	0.3649	0.3649
182.15	1.1070	0.9600	1.2756	1.0600	0.3522	0.3522
192.13	1.1313	0.9777	1.3377	1.0963	0.3370	0.3370
202.05	1.1058	0.9600	1.3356	1.0970	0.3276	0.3276

M (NOMINAL)= 1.5

X=-27 MM　T0=297.5 K　DEL 995= 67.4 MM
RE/M= 6.66*10^6 (MEASURED P)　ME=1.141 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	PI/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.4382	0.4852
0.20	-0.0023	-0.0022	-0.0023	-0.0022	0.4382	0.4852
0.40	-0.0046	-0.0045	-0.0046	-0.0045	0.4382	0.4851
0.60	-0.0081	-0.0079	-0.0081	-0.0079	0.4382	0.4851
0.80	-0.0092	-0.0090	-0.0092	-0.0090	0.4382	0.4850
1.00	-0.0115	-0.0112	-0.0115	-0.0112	0.4382	0.4850
1.50	-0.0104	-0.0101	-0.0104	-0.0101	0.4382	0.4848
2.00	-0.0104	-0.0101	-0.0104	-0.0101	0.4382	0.4847
2.50	-0.0092	-0.0090	-0.0092	-0.0090	0.4382	0.4846
3.00	-0.0012	-0.0011	-0.0012	-0.0011	0.4382	0.4845
4.00	0.0092	0.0090	0.0092	0.0090	0.4382	0.4843
6.00	0.0369	0.0360	0.0448	0.0441	0.4380	0.4838
8.00	0.0714	0.0697	0.0846	0.0826	0.4376	0.4833
10.00	0.1106	0.1079	0.1245	0.1223	0.4372	0.4828
12.00	0.1394	0.1358	0.1571	0.1542	0.4366	0.4824
14.00	0.1763	0.1716	0.1957	0.1919	0.4360	0.4818
16.00	0.2097	0.2038	0.2307	0.2258	0.4354	0.4813
18.00	0.2534	0.2459	0.2748	0.2684	0.4348	0.4808
20.00	0.2972	0.2877	0.3189	0.3107	0.4342	0.4802
25.00	0.4066	0.3907	0.4290	0.4146	0.4327	0.4789
30.00	0.5299	0.5035	0.5524	0.5278	0.4312	0.4775
35.00	0.6543	0.6132	0.6785	0.6398	0.4292	0.4760
40.00	0.7799	0.7191	0.8057	0.7459	0.4272	0.4743
45.00	0.8951	0.8115	0.9195	0.8369	0.4267	0.4727
50.00	0.9930	0.8862	1.0169	0.9109	0.4262	0.4709
55.00	1.0668	0.9402	1.0859	0.9613	0.4282	0.4690
60.00	1.1209	0.9785	1.1361	0.9967	0.4302	0.4672
65.00	1.1485	0.9976	1.1504	1.0067	0.4372	0.4649
70.00	1.1520	1.0000	1.1408	1.0000	0.4442	0.4615
80.70	1.1528	1.0005	1.1100	0.9704	0.4615	0.4615
90.70	1.1520	1.0000	1.0759	0.9541	0.4805	0.4805
100.63	1.1508	0.9992	1.0444	0.9312	0.4983	0.4983
102.11	1.1496	0.9983	1.0389	0.9272	0.5008	0.5008
112.14	1.1515	0.9997	1.0130	0.9080	0.5176	0.5176
122.11	1.1496	0.9983	0.9858	0.8877	0.5329	0.5329
132.11	1.1488	0.9978	0.9646	0.8716	0.5455	0.5455
142.13	1.1464	0.9961	0.9450	0.8566	0.5561	0.5561
152.11	1.1475	0.9969	0.9323	0.8468	0.5649	0.5649
162.11	1.1464	0.9961	0.9193	0.8367	0.5723	0.5723
172.11	1.1462	0.9960	0.9116	0.8307	0.5770	0.5770
182.12	1.1455	0.9956	0.9051	0.8257	0.5806	0.5806
192.12	1.1279	0.9834	0.8821	0.8075	0.5826	0.5826
202.05	1.1121	0.9863	0.8843	0.8093	0.5842	0.5842

Table 2 (continued)

M (NOMINAL)= 1.5

X= 22 MM   T0=297.2 K   DEL 995= 72.9 MM
RE/M= 6.58*10^6 (MEASURED P)   ME=1.062 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4487	0.3418
0.20	-0.0181	-0.0179	-0.0181	-0.0179	0.4487	0.3422
0.40	-0.0249	-0.0247	-0.0249	-0.0247	0.4487	0.3425
0.60	-0.0408	-0.0404	-0.0408	-0.0404	0.4487	0.3429
0.80	-0.0510	-0.0504	-0.0510	-0.0504	0.4487	0.3433
1.00	-0.0646	-0.0639	-0.0646	-0.0639	0.4487	0.3437
1.50	-0.0771	-0.0762	-0.0771	-0.0762	0.4487	0.3446
2.00	-0.0839	-0.0829	-0.0839	-0.0829	0.4487	0.3455
2.50	-0.0851	-0.0840	-0.0851	-0.0840	0.4487	0.3464
3.00	-0.0839	-0.0829	-0.0839	-0.0829	0.4487	0.3473
4.00	-0.0760	-0.0751	-0.0760	-0.0751	0.4487	0.3492
6.00	-0.0578	-0.0572	-0.0578	-0.0572	0.4487	0.3529
8.00	-0.0261	-0.0258	-0.0261	-0.0258	0.4487	0.3566
10.00	0.0023	0.0022	0.0023	0.0022	0.4487	0.3603
12.00	0.0318	0.0314	0.0540	0.0563	0.4481	0.3640
14.00	0.0658	0.0650	0.0903	0.0941	0.4475	0.3676
16.00	0.0953	0.0941	0.1218	0.1268	0.4469	0.3714
18.00	0.1349	0.1332	0.1610	0.1674	0.4463	0.3750
20.00	0.1724	0.1699	0.1984	0.2061	0.4457	0.3787
25.00	0.2688	0.2638	0.2975	0.3075	0.4437	0.3880
30.00	0.3663	0.3574	0.3966	0.4072	0.4417	0.3972
35.00	0.4763	0.4606	0.5054	0.5141	0.4402	0.4064
40.00	0.5885	0.5628	0.6172	0.6203	0.4387	0.4157
45.00	0.7053	0.6651	0.7289	0.7226	0.4392	0.4249
50.00	0.8210	0.7620	0.8400	0.8206	0.4397	0.4341
55.00	0.9276	0.8472	0.9336	0.8984	0.4457	0.4434
60.00	1.0093	0.9096	1.0036	0.9547	0.4517	0.4526
65.00	1.0739	0.9572	1.0510	0.9918	0.4612	0.4618
70.00	1.1193	0.9896	1.0797	1.0138	0.4707	0.4710
75.00	1.1329	0.9992	1.0768	1.0116	0.4802	0.4803
80.00	1.1340	1.0000	1.0616	1.0000	0.4897	0.4895
90.79	1.1333	0.9995	1.0282	0.9741	0.5092	0.5092
100.65	1.1334	0.9996	0.9979	0.9502	0.5277	0.5277
102.11	1.1324	0.9989	0.9933	0.9465	0.5299	0.5299
112.13	1.1325	0.9990	0.9691	0.9272	0.5449	0.5449
122.12	1.1320	0.9986	0.9462	0.9006	0.5588	0.5588
132.15	1.1307	0.9977	0.9296	0.8951	0.5604	0.5604
142.12	1.1300	0.9972	0.9173	0.8849	0.5758	0.5758
152.12	1.1282	0.9959	0.9000	0.8773	0.5803	0.5803
162.13	1.1270	0.9951	0.9016	0.8719	0.5836	0.5836
172.11	1.1279	0.9957	0.8970	0.8680	0.5871	0.5871
182.11	1.1270	0.9951	0.8925	0.8643	0.5893	0.5893
192.21	1.1250	0.9937	0.8866	0.8593	0.5917	0.5917
202.07	1.1198	0.9900	0.8783	0.8524	0.5932	0.5932
207.50	1.1085	0.9820	0.8591	0.8362	0.5971	0.5971

M (NOMINAL)= 1.5

X= 71 MM   T0=297.2 K   DEL 995= 77.9 MM
RE/M= 6.57*10^6 (MEASURED P)   ME=1.057 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4574	0.3517
0.20	-0.0181	-0.0181	-0.0181	-0.0181	0.4574	0.3520
0.40	-0.0212	-0.0212	-0.0212	-0.0212	0.4574	0.3523
0.60	-0.0291	-0.0291	-0.0291	-0.0291	0.4574	0.3526
0.80	-0.0380	-0.0380	-0.0380	-0.0380	0.4574	0.3530
1.00	-0.0458	-0.0458	-0.0458	-0.0458	0.4574	0.3533
1.50	-0.0581	-0.0581	-0.0581	-0.0581	0.4574	0.3541
2.00	-0.0648	-0.0648	-0.0648	-0.0648	0.4574	0.3548
2.50	-0.0682	-0.0682	-0.0682	-0.0682	0.4574	0.3556
3.00	-0.0693	-0.0693	-0.0693	-0.0693	0.4574	0.3564
4.00	-0.0682	-0.0682	-0.0682	-0.0682	0.4574	0.3580
6.00	-0.0637	-0.0637	-0.0637	-0.0637	0.4574	0.3611
8.00	-0.0470	-0.0469	-0.0470	-0.0469	0.4574	0.3642
10.00	-0.0313	-0.0313	-0.0313	-0.0313	0.4574	0.3673
12.00	-0.0181	-0.0181	0.0568	0.0594	0.4564	0.3705
14.00	0.0190	0.0190	0.0814	0.0851	0.4554	0.3736
16.00	0.0436	0.0436	0.1064	0.1112	0.4544	0.3767
18.00	0.0738	0.0737	0.1342	0.1402	0.4534	0.3799
20.00	0.1096	0.1094	0.1666	0.1739	0.4524	0.3830
25.00	0.1957	0.1949	0.2394	0.2491	0.4514	0.3908
30.00	0.2896	0.2872	0.3260	0.3376	0.4504	0.3986
35.00	0.3824	0.3769	0.4158	0.4270	0.4494	0.4064
40.00	0.4908	0.4794	0.5203	0.5304	0.4484	0.4143
45.00	0.6026	0.5819	0.6233	0.6204	0.4499	0.4221
50.00	0.7166	0.6825	0.7310	0.7272	0.4514	0.4299
55.00	0.8262	0.7750	0.8326	0.8166	0.4544	0.4377
60.00	0.9190	0.8500	0.9190	0.8500	0.4574	0.4455
65.00	1.0051	0.9168	0.9966	0.9526	0.4619	0.4534
70.00	1.0718	0.9660	1.0548	0.9904	0.4664	0.4612
75.00	1.1012	0.9879	1.0745	1.0136	0.4724	0.4690
80.00	1.1146	0.9976	1.0775	1.0159	0.4784	0.4768
85.00	1.1169	0.9992	1.0677	1.0083	0.4854	0.4846
90.00	1.1180	1.0000	1.0569	1.0000	0.4924	0.4924
100.64	1.1180	1.0000	1.0269	0.9767	0.5103	0.5103
102.11	1.1176	0.9997	1.0231	0.9736	0.5124	0.5124
112.14	1.1169	0.9992	1.0008	0.9560	0.5255	0.5255
122.15	1.1158	0.9978	0.9831	0.9418	0.5351	0.5351
132.13	1.1149	0.9978	0.9708	0.9319	0.5427	0.5427
142.13	1.1142	0.9973	0.9604	0.9235	0.5487	0.5487
152.13	1.1135	0.9968	0.9508	0.9157	0.5543	0.5543
162.12	1.1113	0.9952	0.9420	0.9005	0.5582	0.5582
172.32	1.1117	0.9955	0.9367	0.9041	0.5619	0.5619
182.11	1.1106	0.9947	0.9323	0.9006	0.5638	0.5638
192.11	1.1103	0.9945	0.9291	0.8979	0.5656	0.5656
202.06	1.1096	0.9940	0.9253	0.8948	0.5675	0.5675

M (NOMINAL)= 1.5

X= 120 MM   T0=297.0 K   DEL 995= 82.1 MM
RE/M= 6.59*10^6 (MEASURED P)   ME=1.062 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4662	0.3700
0.20	-0.0077	-0.0078	-0.0077	-0.0078	0.4662	0.3703
0.40	-0.0165	-0.0167	-0.0165	-0.0167	0.4662	0.3705
0.60	-0.0209	-0.0212	-0.0209	-0.0212	0.4662	0.3708
0.80	-0.0242	-0.0245	-0.0242	-0.0245	0.4662	0.3711
1.00	-0.0275	-0.0279	-0.0275	-0.0279	0.4662	0.3713
1.50	-0.0408	-0.0412	-0.0408	-0.0412	0.4662	0.3720
2.00	-0.0452	-0.0457	-0.0452	-0.0457	0.4662	0.3727
2.50	-0.0463	-0.0468	-0.0463	-0.0468	0.4662	0.3733
3.00	-0.0463	-0.0468	-0.0463	-0.0468	0.4662	0.3740
4.00	-0.0474	-0.0479	-0.0474	-0.0479	0.4662	0.3753
6.00	-0.0452	-0.0457	-0.0452	-0.0457	0.4662	0.3779
8.00	-0.0287	-0.0290	-0.0287	-0.0290	0.4662	0.3806
10.00	-0.0132	-0.0134	-0.0132	-0.0134	0.4662	0.3832
12.00	0.0022	0.0022	0.0496	0.0517	0.4654	0.3859
14.00	0.0220	0.0223	0.0735	0.0766	0.4646	0.3885
16.00	0.0452	0.0457	0.0971	0.1011	0.4638	0.3912
18.00	0.0694	0.0702	0.1212	0.1261	0.4630	0.3938
20.00	0.0970	0.0980	0.1475	0.1534	0.4622	0.3965
25.00	0.1741	0.1756	0.2104	0.2184	0.4617	0.4031
30.00	0.2579	0.2591	0.2866	0.2963	0.4612	0.4097
35.00	0.3460	0.3459	0.3681	0.3786	0.4612	0.4163
40.00	0.4419	0.4386	0.4597	0.4693	0.4612	0.4229
45.00	0.5488	0.5392	0.5606	0.5668	0.4622	0.4295
50.00	0.6681	0.6405	0.6677	0.6669	0.4632	0.4362
55.00	0.7681	0.7349	0.7714	0.7682	0.4647	0.4428
60.00	0.8596	0.8117	0.8596	0.8117	0.4662	0.4494
65.00	0.9466	0.8819	0.9418	0.9048	0.4687	0.4560
70.00	1.0149	0.9350	1.0059	0.9562	0.4712	0.4626
75.00	1.0645	0.9724	1.0406	0.9896	0.4752	0.4692
80.00	1.0943	0.9944	1.0715	1.0072	0.4792	0.4758
85.00	1.1009	0.9992	1.0695	1.0057	0.4842	0.4824
90.00	1.1020	1.0000	1.0621	1.0000	0.4892	0.4891
100.65	1.1023	1.0002	1.0394	0.9825	0.5029	0.5029
102.11	1.1014	0.9996	1.0361	0.9799	0.5043	0.5043
112.11	1.1020	1.0000	1.0201	0.9674	0.5143	0.5143
122.16	1.1019	0.9999	1.0042	0.9549	0.5239	0.5239
132.12	1.0999	0.9985	0.9901	0.9437	0.5313	0.5313
142.11	1.0980	0.9971	0.9797	0.9353	0.5365	0.5365
152.17	1.0980	0.9971	0.9709	0.9283	0.5419	0.5419
162.14	1.0966	0.9961	0.9658	0.9235	0.5446	0.5446
172.21	1.0967	0.9961	0.9618	0.9210	0.5466	0.5466
182.12	1.0959	0.9956	0.9578	0.9177	0.5486	0.5486
192.11	1.0954	0.9952	0.9543	0.9149	0.5504	0.5504
202.07	1.0934	0.9937	0.9510	0.9122	0.5512	0.5512

M (NOMINAL)= 1.5

X= 167 MM   T0=296.9 K   DEL 995= 86.2 MM
RE/M= 6.58*10^6 (MEASURED P)   ME=1.051 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4743	0.3881
0.20	-0.0033	-0.0033	-0.0033	-0.0033	0.4743	0.3883
0.40	-0.0141	-0.0145	-0.0141	-0.0145	0.4743	0.3886
0.60	-0.0196	-0.0200	-0.0196	-0.0200	0.4743	0.3888
0.80	-0.0218	-0.0222	-0.0218	-0.0222	0.4743	0.3890
1.00	-0.0250	-0.0256	-0.0250	-0.0256	0.4743	0.3892
1.50	-0.0359	-0.0367	-0.0359	-0.0367	0.4743	0.3898
2.00	-0.0424	-0.0434	-0.0424	-0.0434	0.4743	0.3904
2.50	-0.0435	-0.0445	-0.0435	-0.0445	0.4743	0.3909
3.00	-0.0446	-0.0456	-0.0446	-0.0456	0.4743	0.3915
4.00	-0.0446	-0.0456	-0.0446	-0.0456	0.4743	0.3926
6.00	-0.0359	-0.0367	-0.0359	-0.0367	0.4743	0.3949
8.00	-0.0305	-0.0311	-0.0305	-0.0311	0.4743	0.3972
10.00	0.0000	0.0000	0.0000	0.0000	0.4743	0.3994
12.00	0.0185	0.0189	0.0580	0.0609	0.4733	0.4017
14.00	0.0392	0.0400	0.0870	0.0914	0.4723	0.4040
16.00	0.0620	0.0634	0.1137	0.1194	0.4713	0.4062
18.00	0.0859	0.0878	0.1397	0.1466	0.4703	0.4085
20.00	0.1099	0.1122	0.1651	0.1731	0.4693	0.4107
25.00	0.1773	0.1807	0.2161	0.2261	0.4693	0.4164
30.00	0.2557	0.2596	0.2841	0.2963	0.4693	0.4221
35.00	0.3318	0.3355	0.3500	0.3635	0.4703	0.4277
40.00	0.4156	0.4177	0.4268	0.4407	0.4713	0.4334
45.00	0.5092	0.5075	0.5169	0.5294	0.4718	0.4390
50.00	0.6093	0.6009	0.6146	0.6230	0.4723	0.4447
55.00	0.7170	0.6979	0.7193	0.7198	0.4733	0.4504
60.00	0.8258	0.7918	0.8258	0.7918	0.4743	0.4560
65.00	0.9161	0.8665	0.9142	0.8895	0.4753	0.4617
70.00	0.9890	0.9245	0.9853	0.9479	0.4763	0.4673
75.00	1.0434	0.9665	1.0355	0.9877	0.4788	0.4730
80.00	1.0717	0.9878	1.0595	1.0065	0.4813	0.4786
85.00	1.0858	0.9984	1.0659	1.0115	0.4858	0.4843
90.00	1.0869	0.9992	1.0593	1.0064	0.4903	0.4900
95.00	1.0880	1.0000	1.0511	1.0000	0.4958	0.4956
100.62	1.0880	1.0000	1.0409	0.9920	0.5019	0.5019
102.11	1.0887	1.0005	1.0390	0.9905	0.5034	0.5034
112.11	1.0873	0.9995	1.0222	0.9773	0.5128	0.5128
122.11	1.0873	0.9995	1.0110	0.9684	0.5196	0.5196
132.12	1.0867	0.9990	1.0005	0.9600	0.5256	0.5256
142.12	1.0839	0.9969	0.9887	0.9506	0.5309	0.5309
152.13	1.0847	0.9976	0.9851	0.9477	0.5337	0.5337
162.11	1.0841	0.9971	0.9808	0.9442	0.5359	0.5359
172.12	1.0839	0.9969	0.9764	0.9407	0.5385	0.5385
182.12	1.0823	0.9958	0.9736	0.9384	0.5393	0.5393
192.12	1.0821	0.9956	0.9733	0.9382	0.5393	0.5393
202.04	1.0803	0.9942	0.9703	0.9357	0.5400	0.5400

Table 2 (continued)

M (NOMINAL)= 1.5

X= 210 MM   T0=296.6 K   DEL 995= 90.0 MM
RE/M= 6.59*10^6 (MEASURED P)   ME=1.042 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4832	0.4142
0.10	0.0150	0.0155	0.0150	0.0155	0.4832	0.4143
0.20	0.0204	0.0211	0.0204	0.0211	0.4832	0.4144
0.40	0.0258	0.0266	0.0258	0.0266	0.4832	0.4146
0.60	0.0322	0.0333	0.0322	0.0333	0.4832	0.4147
0.80	0.0397	0.0410	0.0397	0.0410	0.4832	0.4149
1.00	0.0440	0.0455	0.0440	0.0455	0.4832	0.4151
1.50	0.0516	0.0532	0.0516	0.0532	0.4832	0.4155
2.00	0.0580	0.0599	0.0580	0.0599	0.4832	0.4160
2.50	0.0623	0.0643	0.0623	0.0643	0.4832	0.4164
3.00	0.0634	0.0654	0.0634	0.0654	0.4832	0.4166
4.00	0.0655	0.0676	0.0655	0.0676	0.4832	0.4177
6.00	0.0677	0.0699	0.0677	0.0699	0.4832	0.4195
8.00	0.0730	0.0754	0.0730	0.0754	0.4832	0.4212
10.00	0.0838	0.0865	0.0838	0.0865	0.4832	0.4230
12.00	0.0961	0.0989	0.0961	0.0989	0.4832	0.4247
14.00	0.1052	0.1086	0.1052	0.1086	0.4832	0.4265
16.00	0.1138	0.1174	0.1138	0.1174	0.4832	0.4282
18.00	0.1289	0.1329	0.1289	0.1329	0.4832	0.4300
20.00	0.1482	0.1528	0.1482	0.1528	0.4832	0.4318
25.00	0.1987	0.2044	0.1987	0.2044	0.4832	0.4361
30.00	0.2621	0.2688	0.2621	0.2688	0.4832	0.4405
35.00	0.3372	0.3444	0.3372	0.3444	0.4832	0.4449
40.00	0.4124	0.4189	0.4124	0.4189	0.4832	0.4493
45.00	0.4951	0.4993	0.4951	0.4993	0.4832	0.453[illegible]
50.00	0.5832	0.5829	0.5832	0.5829	0.4832	0.4581
55.00	0.6809	0.6728	0.6809	0.6728	0.4832	0.4625
60.00	0.7765	0.7577	0.7765	0.7577	0.4832	0.4668
65.00	0.8667	0.8347	0.8667	0.8347	0.4832	0.4712
70.00	0.9473	0.9089	0.9473	0.9089	0.4832	0.4756
75.00	1.0106	0.9513	1.0089	0.9738	0.4842	0.4800
80.00	1.0547	0.9853	1.0512	1.0074	0.4852	0.4844
85.00	1.0708	0.9976	1.0614	1.0153	0.4887	0.4888
90.00	1.0719	0.9984	1.0565	1.0115	0.4922	0.4932
95.00	1.0729	0.9992	1.0491	1.0057	0.4972	0.4975
100.00	1.0740	1.0000	1.0418	1.0000	0.5022	0.5019
102.11	1.0740	1.0000	1.0390	0.9978	0.5039	0.5079
112.19	1.0721	0.9985	1.0240	0.9859	0.5117	0.5117
122.12	1.0715	0.9981	1.0124	0.9766	0.5185	0.5185
132.13	1.0707	0.9975	1.0024	0.9686	0.5241	0.5241
142.19	1.0707	0.9975	0.9957	0.9632	0.5281	0.5281
152.13	1.0687	0.9960	0.9879	0.9569	0.5316	0.5316
162.13	1.0694	0.9965	0.9857	0.9551	0.5334	0.5334
172.12	1.0687	0.9968	0.9834	0.9532	0.5344	0.5344
182.20	1.0668	0.9945	0.9801	0.9506	0.5352	0.5352
192.20	1.0695	0.9966	0.9829	0.9528	0.5352	0.5352
202.05	1.0654	0.9935	0.9786	0.9494	0.5352	0.5352

M (NOMINAL)= 1.5

X= 267 MM   T0=296.2 K   DEL 995= 92.0 MM
RE/M= 6.58*10^6 (MEASURED P)   ME=1.038 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4917	0.4399
0.10	0.0625	0.0653	0.0625	0.0653	0.4917	0.4400
0.20	0.0667	0.0697	0.0667	0.0697	0.4917	0.4400
0.40	0.0752	0.0785	0.0752	0.0785	0.4917	0.4402
0.60	0.0826	0.0862	0.0826	0.0862	0.4917	0.4403
0.80	0.0847	0.0885	0.0847	0.0885	0.4917	0.4404
1.00	0.0868	0.0907	0.0868	0.0907	0.4917	0.4406
1.50	0.0879	0.0918	0.0879	0.0918	0.4917	0.4409
2.00	0.0890	0.0929	0.0890	0.0929	0.4917	0.4412
2.50	0.0900	0.0940	0.0900	0.0940	0.4917	0.4416
3.00	0.0911	0.0951	0.0911	0.0951	0.4917	0.4419
4.00	0.0932	0.0973	0.0932	0.0973	0.4917	0.4425
6.00	0.0995	0.1039	0.0995	0.1039	0.4917	0.4439
8.00	0.1038	0.1083	0.1038	0.1083	0.4917	0.4452
10.00	0.1070	0.1116	0.1070	0.1116	0.4917	0.4465
12.00	0.1123	0.1171	0.1123	0.1171	0.4917	0.4478
14.00	0.1239	0.1293	0.1239	0.1293	0.4917	0.4491
16.00	0.1345	0.1403	0.1345	0.1403	0.4917	0.4505
18.00	0.1493	0.1557	0.1493	0.1557	0.4917	0.4518
20.00	0.1684	0.1754	0.1684	0.1754	0.4917	0.4531
25.00	0.2192	0.2279	0.2192	0.2279	0.4917	0.4564
30.00	0.2828	0.2931	0.2928	0.2931	0.4917	0.4597
35.00	0.3569	0.3682	0.3569	0.3682	0.4917	0.4630
40.00	0.4300	0.4411	0.4300	0.4411	0.4917	0.4663
45.00	0.5094	0.5189	0.5094	0.5189	0.4917	0.4696
50.00	0.5952	0.6009	0.5952	0.6009	0.4917	0.4729
55.00	0.6841	0.6835	0.6841	0.6835	0.4917	0.4762
60.00	0.7762	0.7662	0.7762	0.7662	0.4917	0.4795
65.00	0.8618	0.8395	0.8618	0.8395	0.4917	0.4828
70.00	0.9372	0.9031	0.9372	0.9031	0.4917	0.4861
75.00	0.9933	0.9485	0.9916	0.9692	0.4927	0.4894
80.00	1.0241	0.9728	1.0206	0.9927	0.4937	0.4927
85.00	1.0442	0.9885	1.0348	1.0041	0.4972	0.4960
90.00	1.0548	0.9967	1.0396	1.0079	0.5007	0.4993
95.00	1.0569	0.9984	1.0375	1.0063	0.5032	0.5026
100.00	1.0579	0.9992	1.0344	1.0038	0.5057	0.5059
105.00	1.0590	1.0000	1.0237	1.0000	0.5092	0.5092
112.12	1.0599	1.0007	1.0228	0.9944	0.5140	0.5140
122.13	1.0575	0.9989	1.0104	0.9845	0.5200	0.5200
132.11	1.0551	0.9970	0.9991	0.9753	0.5253	0.5253
142.12	1.0573	0.9967	0.9965	0.9731	0.5283	0.5283
152.14	1.0549	0.9968	0.9898	0.9677	0.5309	0.5309
162.20	1.0524	0.9949	0.9852	0.9640	0.5321	0.5321
172.11	1.0531	0.9954	0.9834	0.9624	0.5337	0.5337
182.11	1.0536	0.9956	0.9839	0.9629	0.5337	0.5337
192.11	1.0509	0.9938	0.9812	0.9606	0.5337	0.5337
202.06	1.0503	0.9933	0.9805	0.9601	0.5337	0.5337

M (NOMINAL)= 1.5

X= 463 MM   T0=295.3 K   DEL 995=101.4 MM
RE/M= 6.55*10^6 (MEASURED P)   ME=1.005 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5213	0.4744
0.69	0.1507	0.1636	0.1507	0.1636	0.5213	0.4747
0.91	0.1489	0.1617	0.1489	0.1617	0.5213	0.4748
1.09	0.1525	0.1656	0.1525	0.1656	0.5213	0.4749
1.30	0.1643	0.1783	0.1643	0.1783	0.5213	0.4750
1.49	0.1681	0.1824	0.1681	0.1824	0.5213	0.4751
1.70	0.1775	0.1926	0.1775	0.1926	0.5213	0.4752
2.20	0.1705	0.1849	0.1705	0.1849	0.5213	0.4754
2.70	0.1664	0.1806	0.1664	0.1806	0.5213	0.4756
3.21	0.1696	0.1841	0.1696	0.1841	0.5213	0.4758
3.72	0.1793	0.1945	0.1793	0.1945	0.5213	0.4761
4.70	0.1935	0.2098	0.1935	0.2098	0.5213	0.4765
6.69	0.1996	0.2163	0.1996	0.2163	0.5213	0.4774
8.69	0.1949	0.2113	0.1949	0.2113	0.5213	0.4783
10.72	0.2097	0.2272	0.2097	0.2272	0.5213	0.4792
12.69	0.2246	0.2425	0.2240	0.2425	0.5213	0.4800
14.70	0.2397	0.2594	0.2397	0.2594	0.5213	0.4809
16.75	0.2538	0.2744	0.2538	0.2744	0.5213	0.4818
18.69	0.2683	0.2899	0.2683	0.2899	0.5213	0.4827
20.77	0.2823	0.3048	0.2823	0.3048	0.5213	0.4836
25.71	0.3340	0.3594	0.3340	0.3594	0.5213	0.4858
30.71	0.3699	0.3972	0.3699	0.3972	0.5213	0.4880
35.70	0.4232	0.4524	0.4232	0.4524	0.5213	0.4902
40.73	0.4838	0.5146	0.4838	0.5146	0.5213	0.4925
45.71	0.5383	0.5695	0.5383	0.5695	0.5213	0.4947
50.74	0.5942	0.6249	0.5942	0.6249	0.5213	0.4969
55.71	0.6747	0.7029	0.6747	0.7029	0.5213	0.4991
60.70	0.7289	0.7541	0.7289	0.7541	0.5213	0.5013
70.70	0.8433	0.8586	0.8433	0.8586	0.5213	0.5058
80.69	0.9468	0.9488	0.9468	0.9488	0.5213	0.5102
90.69	0.9914	0.9862	0.9914	0.9862	0.5213	0.5146
100.64	1.0038	0.9965	1.0035	0.9991	0.5214	0.5190
102.11	1.0061	0.9984	1.0054	1.0006	0.5217	0.5197
110.11	1.0080	1.0000	1.0047	1.0000	0.5233	0.5232
122.19	1.0081	1.0001	0.9964	0.9932	0.5284	0.5284
132.13	1.0073	0.9994	0.9886	0.9866	0.5327	0.5327
142.15	1.0068	0.9990	0.9848	0.9835	0.5347	0.5347
152.16	1.0053	0.9977	0.9804	0.9798	0.5365	0.5365
162.12	1.0032	0.9960	0.9766	0.9766	0.5375	0.5375
172.12	1.0025	0.9954	0.9750	0.9752	0.5381	0.5381
182.11	1.0041	0.9967	0.9782	0.9780	0.5371	0.5371
192.11	1.0010	0.9943	0.9768	0.9767	0.5361	0.5361
202.06	1.0018	0.9948	0.9788	0.9784	0.5353	0.5353

M (NOMINAL)= 1.5

X= 756 MM   T0=294.5 K   DEL 995=113.4 MM
RE/M= 6.46*10^6 (MEASURED P)   ME=0.953 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5546	0.5546
0.69	0.2646	0.2998	0.2646	0.2998	0.5546	0.5546
0.90	0.2589	0.2934	0.2589	0.2934	0.5546	0.5546
1.09	0.2658	0.3011	0.2658	0.3011	0.5546	0.5546
1.29	0.2752	0.3116	0.2752	0.3116	0.5546	0.5546
1.49	0.2985	0.3286	0.2985	0.3286	0.5546	0.5546
1.71	0.2959	0.3346	0.2959	0.3346	0.5546	0.5546
2.21	0.2941	0.3326	0.2941	0.3326	0.5546	0.5546
2.69	0.2931	0.3315	0.2931	0.3315	0.5546	0.5546
3.21	0.3112	0.3515	0.3112	0.3[illegible]	0.5546	0.5546
3.69	0.3123	0.3528	0.3123	0.3528	0.5546	0.5546
4.71	0.3222	0.3638	0.3222	0.3638	0.5546	0.5546
6.69	0.3313	0.3738	0.3313	0.3738	0.5546	0.5546
8.75	0.3503	0.3948	0.3503	0.3948	0.5546	0.5546
10.71	0.3477	0.3918	0.3477	0.3918	0.5546	0.5546
12.70	0.3640	0.4097	0.3640	0.4097	0.5546	0.5546
14.70	0.3662	0.4122	0.3662	0.4122	0.5546	0.5546
16.70	0.3814	0.4288	0.3814	0.4288	0.5546	0.5546
18.69	0.3961	0.4448	0.3961	0.4448	0.5546	0.5546
20.74	0.4120	0.4621	0.4120	0.4621	0.5546	0.5546
25.73	0.4339	0.4859	0.4339	0.4859	0.5546	0.5546
30.69	0.4711	0.5258	0.4711	0.5258	0.5546	0.5546
35.74	0.5170	0.5746	0.5170	0.5746	0.5546	0.5546
40.69	0.5507	0.6100	0.5507	0.6100	0.5546	0.5546
45.71	0.5924	0.6532	0.5924	0.6532	0.5546	0.5546
50.70	0.6241	0.6857	0.6241	0.6857	0.5546	0.5546
55.70	0.6765	0.7386	0.6765	0.7386	0.5546	0.5546
60.71	0.7128	0.7747	0.7128	0.7747	0.5546	0.5546
70.71	0.7824	0.8424	0.7824	0.8424	0.5546	0.5546
80.69	0.8464	0.9029	0.8464	0.9029	0.5546	0.5546
90.70	0.9070	0.9587	0.9070	0.9587	0.5546	0.5546
100.65	0.9262	0.9761	0.9262	0.9761	0.5546	0.5546
112.13	0.9489	0.9964	0.9489	0.9964	0.5546	0.5546
122.16	0.9523	0.9994	0.9523	0.9994	0.5546	0.5546
132.11	0.9530	1.0000	0.9530	1.0000	0.5546	0.5546
142.11	0.9518	0.9989	0.9518	0.9989	0.5546	0.5546
152.12	0.9502	0.9975	0.9502	0.9975	0.5546	0.5546
162.13	0.9509	0.9981	0.9509	0.9981	0.5546	0.5546
172.13	0.9483	0.9958	0.9483	0.9958	0.5546	0.5546
182.11	0.9476	0.9952	0.9476	0.9952	0.5546	0.5546
192.12	0.9495	0.9969	0.9495	0.9969	0.5546	0.5546
202.07	0.9461	0.9939	0.9461	0.9939	0.5546	0.5546

Table [illegible] (Continued)

M (NOMINAL)= 1.5

X= 1050 MM   T0=293.2 K   DEL 995=127.4 MM
RE/M= 6.30*10^6 (MEASURED P)   ME=0.911 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.5804	0.5804
0.69	0.3219	0.3776	0.3219	0.3776	0.5804	0.5804
0.89	0.3356	0.3934	0.3356	0.3934	0.5804	0.5804
1.30	0.3545	0.4150	0.3545	0.4150	0.5804	0.5804
1.49	0.3554	0.4160	0.3554	0.4160	0.5804	0.5804
1.69	0.3629	0.4245	0.3629	0.4245	0.5804	0.5804
2.20	0.3714	0.4343	0.3714	0.4343	0.5804	0.5804
3.19	0.3816	0.4459	0.3816	0.4459	0.5804	0.5804
3.69	0.3898	0.4552	0.3898	0.4552	0.5804	0.5804
4.72	0.4048	0.4721	0.4048	0.4721	0.5804	0.5804
6.72	0.4183	0.4784	0.4183	0.4784	0.5804	0.5804
10.72	0.4296	0.5001	0.4296	0.5001	0.5804	0.5804
12.70	0.4448	0.5171	0.4448	0.5171	0.5804	0.5804
14.71	0.4496	0.5224	0.4496	0.5224	0.5804	0.5804
18.69	0.4723	0.5477	0.4723	0.5477	0.5804	0.5804
20.71	0.4773	0.5532	0.4773	0.5532	0.5804	0.5804
25.71	0.4942	0.5720	0.4942	0.5720	0.5804	0.5804
40.71	0.5749	0.6600	0.5749	0.6600	0.5804	0.5804
45.70	0.6017	0.6887	0.6017	0.6887	0.5804	0.5804
50.71	0.6366	0.7257	0.6366	0.7257	0.5804	0.5804
60.72	0.6866	0.7780	0.6866	0.7780	0.5804	0.5804
70.70	0.7539	0.8467	0.7539	0.8467	0.5804	0.5804
90.71	0.8400	0.9321	0.8400	0.9321	0.5804	0.5804
100.62	0.8702	0.9612	0.8702	0.9612	0.5804	0.5804
112.14	0.8880	0.9782	0.8880	0.9782	0.5804	0.5804
122.13	0.9055	0.9948	0.9055	0.9948	0.5804	0.5804
142.13	0.9095	0.9986	0.9095	0.9986	0.5804	0.5804
147.12	0.9110	1.0000	0.9110	1.0000	0.5804	0.5804
152.13	0.9095	0.9986	0.9095	0.9986	0.5804	0.5804
162.14	0.9081	0.9972	0.9081	0.9972	0.5804	0.5804
172.12	0.9110	1.0000	0.9110	1.0000	0.5804	0.5804
192.13	0.9062	0.9954	0.9062	0.9954	0.5804	0.5804
202.04	0.9062	0.9954	0.9062	0.9954	0.5804	0.5804

M (NOMINAL)= 1.5

X= 1286 MM   T0=295.4 K   DEL 995=136.9 MM
RE/M= 6.26*10^6 (MEASURED P)   ME=0.889 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.5935	0.5935
0.66	0.3605	0.4308	0.3605	0.4308	0.5935	0.5935
0.86	0.3662	0.4374	0.3662	0.4374	0.5935	0.5935
1.06	0.3717	0.4438	0.3717	0.4438	0.5935	0.5935
1.27	0.3851	0.4594	0.3851	0.4594	0.5935	0.5935
1.47	0.3841	0.4583	0.3841	0.4583	0.5935	0.5935
1.70	0.3931	0.4687	0.3931	0.4687	0.5935	0.5935
2.17	0.3997	0.4763	0.3997	0.4763	0.5935	0.5935
2.70	0.4246	0.5049	0.4246	0.5049	0.5935	0.5935
3.20	0.4313	0.5126	0.4313	0.5126	0.5935	0.5935
3.85	0.4304	0.5116	0.4304	0.5116	0.5935	0.5935
4.67	0.4343	0.5160	0.4343	0.5160	0.5935	0.5935
6.70	0.4570	0.5420	0.4570	0.5420	0.5935	0.5935
8.71	0.4654	0.5515	0.4654	0.5515	0.5935	0.5935
10.76	0.4736	0.5608	0.4736	0.5608	0.5935	0.5935
12.71	0.4878	0.5769	0.4879	0.5769	0.5935	0.5935
14.71	0.4978	0.5881	0.4978	0.5881	0.5935	0.5935
16.66	0.4937	0.5835	0.4937	0.5835	0.5935	0.5935
18.67	0.5057	0.5970	0.5057	0.5970	0.5935	0.5935
20.66	0.5130	0.6053	0.5130	0.6053	0.5935	0.5935
25.65	0.5306	0.6250	0.5306	0.6250	0.5935	0.5935
30.67	0.5462	0.6423	0.5462	0.6423	0.5935	0.5935
35.66	0.5727	0.6716	0.5727	0.6716	0.5935	0.5935
40.65	0.5916	0.6923	0.5916	0.6923	0.5935	0.5935
45.67	0.6111	0.7136	0.6111	0.7136	0.5935	0.5935
50.67	0.6336	0.7379	0.6336	0.7379	0.5935	0.5935
55.66	0.6683	0.7666	0.6683	0.7666	0.5935	0.5935
60.66	0.6772	0.7845	0.6772	0.7845	0.5935	0.5935
70.67	0.7244	0.8342	0.7244	0.8342	0.5935	0.5935
80.66	0.7692	0.8804	0.7692	0.8804	0.5935	0.5935
90.65	0.7987	0.9165	0.7987	0.9165	0.5935	0.5935
101.43	0.8368	0.9487	0.8368	0.9487	0.5935	0.5935
111.53	0.8575	0.9692	0.8575	0.9692	0.5935	0.5935
121.43	0.8755	0.9868	0.8755	0.9868	0.5935	0.5935
131.44	0.8816	0.9928	0.8816	0.9928	0.5935	0.5935
141.42	0.8832	0.9944	0.8832	0.9944	0.5935	0.5935
151.44	0.8877	0.9987	0.8877	0.9987	0.5935	0.5935
161.43	0.8890	1.0000	0.8890	1.0000	0.5935	0.5935
171.44	0.8876	0.9986	0.8876	0.9986	0.5935	0.5935
181.43	0.8889	0.9999	0.8889	0.9999	0.5935	0.5935
191.42	0.8834	0.9945	0.8834	0.9945	0.5935	0.5935

M (NOMINAL)= 1.5

X= 1776 MM   T0=297.3 K   DEL 995=153.1 MM
RE/M= 6.00*10^6 (MEASURED P)   ME=0.856 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.6123	0.6123
0.66	0.4015	0.4944	0.4015	0.4944	0.6123	0.6123
0.86	0.4086	0.5027	0.4086	0.5027	0.6123	0.6123
1.07	0.4229	0.5197	0.4229	0.5197	0.6123	0.6123
1.27	0.4227	0.5195	0.4227	0.5195	0.6123	0.6123
1.46	0.4356	0.5348	0.4356	0.5348	0.6123	0.6123
1.66	0.4461	0.5473	0.4461	0.5473	0.6123	0.6123
2.17	0.4572	0.5603	0.4572	0.5603	0.6123	0.6123
2.67	0.4616	0.5654	0.4616	0.5654	0.6123	0.6123
3.17	0.4699	0.5753	0.4699	0.5753	0.6123	0.6123
3.66	0.4744	0.5805	0.4744	0.5805	0.6123	0.6123
4.67	0.4836	0.5913	0.4836	0.5913	0.6123	0.6123
6.66	0.5034	0.6143	0.5034	0.6143	0.6123	0.6123
8.67	0.5137	0.6262	0.5137	0.6262	0.6123	0.6123
10.70	0.5172	0.6303	0.5172	0.6303	0.6123	0.6123
12.67	0.5337	0.6494	0.5337	0.6494	0.6123	0.6123
14.66	0.5377	0.6540	0.5377	0.6540	0.6123	0.6123
16.71	0.5449	0.6623	0.5449	0.6623	0.6123	0.6123
18.71	0.5455	0.6629	0.5455	0.6629	0.6123	0.6123
20.67	0.5495	0.6675	0.5495	0.6675	0.6123	0.6123
25.67	0.5615	0.6812	0.5615	0.6812	0.6123	0.6123
30.67	0.5747	0.6963	0.5747	0.6963	0.6123	0.6123
35.70	0.5918	0.7157	0.5918	0.7157	0.6123	0.6123
40.70	0.6041	0.7295	0.6041	0.7295	0.6123	0.6123
45.66	0.6227	0.7503	0.6227	0.7503	0.6123	0.6123
50.80	0.6367	0.7660	0.6367	0.7660	0.6123	0.6123
55.70	0.6496	0.7803	0.6496	0.7803	0.6123	0.6123
60.76	0.6553	0.7866	0.6553	0.7866	0.6123	0.6123
70.75	0.6815	0.8154	0.6815	0.8154	0.6123	0.6123
80.67	0.7232	0.8608	0.7232	0.8608	0.6123	0.6123
90.67	0.7434	0.8825	0.7434	0.8825	0.6123	0.6123
101.43	0.7749	0.9159	0.7749	0.9159	0.6123	0.6123
111.47	0.8012	0.9435	0.8012	0.9435	0.6123	0.6123
121.44	0.8172	0.9601	0.8172	0.9601	0.6123	0.6123
131.44	0.8293	0.9726	0.8293	0.9726	0.6123	0.6123
141.47	0.8419	0.9856	0.8419	0.9856	0.6123	0.6123
151.57	0.8523	0.9962	0.8523	0.9962	0.6123	0.6123
161.53	0.8541	0.9981	0.8541	0.9981	0.6123	0.6123
171.52	0.8531	0.9970	0.8531	0.9970	0.6123	0.6123
181.44	0.8577	1.0017	0.8577	1.0017	0.6123	0.6123
191.44	0.8568	1.0000	0.8568	1.0000	0.6123	0.6123

M (NOMINAL)= 1.5

X= 2265 MM   T0=298.2 K   DEL 995=167.[illegible] MM
RE/M= 5.93*10^6 (MEASURED P)   ME=0.823 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PT0	P1/PT0
0.00	0.0000	0.0000	0.0000	0.0000	0.6297	0.6297
0.66	0.3987	0.5083	0.3987	0.5083	0.6297	0.6297
0.86	0.4028	0.5132	0.4028	0.5132	0.6297	0.6297
1.07	0.4206	0.5351	0.4206	0.5351	0.6297	0.6297
1.27	0.4264	0.5423	0.4264	0.5423	0.6297	0.6297
1.56	0.4344	0.5521	0.4344	0.5521	0.6297	0.6297
1.66	0.4365	0.5547	0.4365	0.5547	0.6297	0.6297
2.17	0.4490	0.5700	0.4490	0.5700	0.6297	0.6297
2.67	0.4681	0.5932	0.4681	0.5932	0.6297	0.6297
3.16	0.4727	0.5988	0.4727	0.5988	0.6297	0.6297
3.67	0.4750	0.6015	0.4750	0.6015	0.6297	0.6297
4.66	0.4890	0.6185	0.4890	0.6185	0.6297	0.6297
6.70	0.5077	0.6410	0.5077	0.6410	0.6297	0.6297
8.70	0.5187	0.6543	0.5187	0.6543	0.6297	0.6297
10.66	0.5288	0.6663	0.5288	0.6663	0.6297	0.6297
12.70	0.5391	0.6785	0.5391	0.6785	0.6297	0.6297
14.67	0.5445	0.6850	0.5445	0.6850	0.6297	0.6297
16.67	0.5475	0.6885	0.5475	0.6885	0.6297	0.6297
18.71	0.5488	0.6900	0.5488	0.6900	0.6297	0.6297
20.81	0.5602	0.7036	0.5602	0.7036	0.6297	0.6297
25.67	0.5757	0.7218	0.5757	0.7218	0.6297	0.6297
30.66	0.5754	0.7214	0.5754	0.7214	0.6297	0.6297
35.67	0.5910	0.7398	0.5910	0.7398	0.6297	0.6297
40.66	0.5977	0.7477	0.5977	0.7477	0.6297	0.6297
45.66	0.6111	0.7632	0.6111	0.7632	0.6297	0.6297
50.71	0.6240	0.7782	0.6240	0.7782	0.6297	0.6297
55.74	0.6373	0.7936	0.6373	0.7936	0.6297	0.6297
60.71	0.6494	0.8075	0.6494	0.8075	0.6297	0.6297
70.67	0.6629	0.8229	0.6629	0.8229	0.6297	0.6297
80.75	0.6866	0.8498	0.6866	0.8498	0.6297	0.6297
90.71	0.7115	0.8778	0.7115	0.8778	0.6297	0.6297
101.43	0.7381	0.9075	0.7381	0.9075	0.6297	0.6297
111.43	0.7538	0.9248	0.7538	0.9248	0.6297	0.6297
121.58	0.7674	0.9398	0.7674	0.9398	0.6297	0.6297
131.43	0.7840	0.9579	0.7840	0.9579	0.6297	0.6297
141.43	0.8014	0.9767	0.8014	0.9767	0.6297	0.6297
151.48	0.8114	0.9875	0.8114	0.9875	0.6297	0.6297
161.48	0.8177	0.9944	0.8177	0.9944	0.6297	0.6297
171.44	0.8185	0.9951	0.8185	0.9951	0.6297	0.6297
181.52	0.8225	0.9995	0.8225	0.9995	0.6297	0.6297
191.48	0.8238	1.0000	0.8238	1.0000	0.6297	0.6297

Table 2 (continued)

M (NOMINAL)= 1.5

X= 2752 MM T0=298.7 K DEL 995=175.4 MM
RE/M= 5.77*10^6 (MEASURED P) ME=0.796 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6398	0.6398
0.66	0.3908	0.5133	0.3908	0.5133	0.6398	0.6398
0.86	0.3984	0.5230	0.3984	0.5230	0.6398	0.6398
1.06	0.4122	0.5405	0.4122	0.5405	0.6398	0.6398
1.27	0.4286	0.5613	0.4286	0.5613	0.6398	0.6398
1.47	0.4226	0.5537	0.4226	0.5537	0.6398	0.6398
1.65	0.4428	0.5792	0.4428	0.5792	0.6398	0.6398
2.16	0.4533	0.5925	0.4533	0.5925	0.6398	0.6398
2.65	0.4661	0.6084	0.4661	0.6084	0.6398	0.6398
3.16	0.4717	0.6155	0.4717	0.6155	0.6398	0.6398
3.66	0.4787	0.6242	0.4787	0.6242	0.6398	0.6398
4.66	0.4979	0.6481	0.4979	0.6481	0.6398	0.6398
6.65	0.5177	0.6726	0.5177	0.6726	0.6398	0.6398
8.66	0.5250	0.6815	0.5250	0.6815	0.6398	0.6398
10.66	0.5332	0.6917	0.5332	0.6917	0.6398	0.6398
12.66	0.5445	0.7054	0.54[illegible]	0.7054	0.6398	0.6398
14.66	0.5466	0.7081	0.5466	0.7081	0.6398	0.6398
16.67	0.5512	0.7136	0.5512	0.7136	0.6398	0.6398
18.66	0.5606	0.7251	0.5606	0.7251	0.6398	0.6398
20.65	0.5601	0.7245	0.5601	0.7245	0.6398	0.6398
25.65	0.5777	0.7459	0.5777	0.7459	0.6398	0.6398
30.67	0.5843	0.7538	0.5843	0.7538	0.6398	0.6398
35.67	0.5908	0.7617	0.5908	0.7617	0.6398	0.6398
40.66	0.6043	0.7780	0.6043	0.7780	0.6398	0.6398
45.66	0.6112	0.7862	0.6112	0.7862	0.6398	0.6398
50.67	0.6167	0.7928	0.6167	0.7928	0.6398	0.6398
55.67	0.6220	0.7991	0.6220	0.7991	0.6398	0.6398
60.67	0.6353	0.8149	0.6353	0.8149	0.6398	0.6398
70.67	0.6516	0.8342	0.6516	0.8342	0.6398	0.6398
80.67	0.6643	0.8492	0.6643	0.8492	0.6398	0.6398
90.66	0.6846	0.8729	0.6846	0.8729	0.6398	0.6398
101.43	0.7070	0.8989	0.7070	0.8989	0.6398	0.6398
111.43	0.7255	0.9202	0.7255	0.9202	0.6398	0.6398
121.42	0.7399	0.9367	0.7399	0.9367	0.6398	0.6398
131.44	0.7552	0.9541	0.7552	0.9541	0.6398	0.6398
141.43	0.7679	0.9685	0.7679	0.9685	0.6398	0.6398
151.44	0.7863	0.9891	0.7863	0.9891	0.6398	0.6398
161.44	0.7879	0.9909	0.7879	0.9909	0.6398	0.6398
171.44	0.7921	0.9956	0.7921	0.9956	0.6398	0.6398
181.44	0.7948	0.9987	0.7948	0.9987	0.6398	0.6398
191.43	0.7960	1.0000	0.7960	1.0000	0.6398	0.6398

M (NOMINAL)= 1.5

X= 2950 MM T0=299.5 K DEL 995=181.5 MM
RE/M= 5.69*10^6 (MEASURED P) ME=0.788 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6432	0.6432
0.66	0.3949	0.5232	0.3949	0.5232	0.6432	0.6432
0.86	0.4050	0.5362	0.4050	0.5362	0.6432	0.6432
1.06	0.4194	0.5546	0.4194	0.5546	0.6432	0.6432
1.25	0.4269	0.5642	0.4269	0.5642	0.6432	0.6432
1.46	0.4347	0.5742	0.4347	0.5742	0.6432	0.6432
1.66	0.4395	0.5802	0.4395	0.5802	0.6432	0.6432
2.17	0.4492	0.5926	0.4492	0.5926	0.6432	0.6432
2.65	0.4695	0.6182	0.4695	0.6182	0.6432	0.6432
3.17	0.4740	0.6239	0.4740	0.6239	0.6432	0.6432
3.65	0.4832	0.6355	0.4832	0.6355	0.6432	0.6432
4.66	0.4911	0.6454	0.4911	0.6454	0.6432	0.6432
6.67	0.5113	0.6706	0.5113	0.6706	0.6432	0.6432
8.66	0.5232	0.6855	0.5232	0.6855	0.6432	0.6432
10.66	0.5370	0.7026	0.5370	0.7026	0.6432	0.6432
12.66	0.5471	0.7150	0.5471	0.7150	0.6432	0.6432
14.67	0.5516	0.7206	0.5516	0.7206	0.6432	0.6432
16.66	0.5547	0.7244	0.5547	0.7244	0.6432	0.6432
18.67	0.5625	0.7340	0.5625	0.7340	0.6432	0.6432
20.65	0.5648	0.7369	0.5648	0.7369	0.6432	0.6432
25.66	0.5785	0.7536	0.5785	0.7536	0.6432	0.6432
30.67	0.5842	0.7606	0.5842	0.7606	0.6432	0.6432
35.67	0.5934	0.7717	0.5934	0.7717	0.6432	0.6432
40.67	0.6005	0.7803	0.6005	0.7803	0.6432	0.6432
45.66	0.6026	0.7829	0.6026	0.7829	0.6432	0.6432
50.66	0.6150	0.7978	0.6150	0.7978	0.6432	0.6432
55.66	0.6198	0.8036	0.6198	0.8036	0.6432	0.6432
60.67	0.6299	0.8158	0.6299	0.8158	0.6432	0.6432
70.67	0.6452	0.8341	0.6452	0.8341	0.6432	0.6432
80.67	0.6645	0.8571	0.6645	0.8571	0.6432	0.6432
90.66	0.6813	0.8769	0.6813	0.8769	0.6432	0.6432
101.43	0.7000	0.8988	0.7000	0.8988	0.6432	0.6432
111.43	0.7187	0.9207	0.7187	0.9207	0.6432	0.6432
121.42	0.7273	0.9306	0.7273	0.9306	0.6432	0.6432
131.44	0.7398	0.9450	0.7398	0.9450	0.6432	0.6432
141.44	0.7563	0.9640	0.7563	0.9640	0.6432	0.6432
151.43	0.7657	0.9747	0.7657	0.9747	0.6432	0.6432
161.44	0.7751	0.9854	0.7751	0.9854	0.6432	0.6432
171.44	0.7814	0.9925	0.7814	0.9925	0.6432	0.6432
181.44	0.7848	0.9963	0.7848	0.9963	0.6432	0.6432
191.43	0.7880	1.0000	0.7880	1.0000	0.6432	0.6432

Table 2 (continued)

M (NOMINAL)= 1.5

X=-756 MM   T0=296.0 K   DEL 995= 30.6 MM
RE/M= 9.92*10^6 (MEASURED P)   ME=1.536 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2582	0.2582
0.69	0.8122	0.6030	0.8122	0.6030	0.2582	0.2582
0.89	0.8477	0.6261	[illegible]	0.6261	0.2582	0.2582
1.00	0.8774	[illegible]	[illegible]	0.6451	0.2582	0.2582
1.29	0.9039	[illegible]	[illegible]	0.6619	0.2582	0.2582
1.49	0.9231	0.6740	0.9231	0.6740	0.2582	0.2582
1.69	0.9433	0.6864	0.9433	0.6864	0.2582	0.2582
2.19	0.9789	0.7083	0.9789	0.7083	0.2582	0.2582
2.69	1.0045	0.7238	1.0045	0.7238	0.2582	0.2582
3.19	1.0339	0.7412	1.0339	0.7412	0.2582	0.2582
3.69	1.0522	0.7520	1.0522	0.7520	0.2582	0.2582
4.70	1.0907	0.7743	1.0907	0.7743	0.2582	0.2582
6.69	1.1522	0.8089	1.1522	0.8089	0.2582	0.2582
8.69	1.2016	0.8360	1.2016	0.8360	0.2582	0.2582
10.69	1.2480	0.8607	1.2480	0.8607	0.2582	0.2582
12.69	1.2927	0.8839	1.2927	0.8839	0.2582	0.2582
14.70	1.3313	0.9035	1.3313	0.9035	0.2582	0.2582
16.69	1.3712	0.9233	1.3712	0.9233	0.2582	0.2582
18.72	1.4001	0.9411	1.4001	0.9411	0.2582	0.2582
20.71	1.4397	0.9561	1.4397	0.9561	0.2582	0.2582
23.19	1.4729	[illegible]	1.4729	0.9715	0.2582	0.2582
25.70	1.5057	0.9865	1.5057	0.9865	0.2582	0.2582
28.21	1.5223	0.9939	1.5223	[illegible]	0.2582	0.2582
30.70	1.5319	0.9982	1.5319	0.9982	0.2582	0.2582
33.21	1.5368	1.0003	1.5368	1.0003	0.2582	0.2582
35.70	1.5360	[illegible]	1.5360	1.0000	0.2582	0.2582
38.21	1.5360	[illegible]	1.5360	1.0000	0.2582	0.2582
40.69	1.5382	1.0010	1.5382	1.0010	0.2582	0.2582
45.69	1.5366	1.0003	1.5366	1.0003	0.2582	0.2582
50.69	1.5358	0.9999	1.5358	0.9999	0.2582	0.2582
102.11	1.5343	0.9993	1.5343	0.9993	0.2582	0.2582
112.11	1.5345	0.9993	1.5345	0.9993	0.2582	0.2582
122.13	1.5346	0.9994	1.5346	0.9994	0.2582	0.2582
132.12	1.5340	0.9991	[illegible]	0.9991	0.2582	0.2582
142.11	1.5351	0.9996		0.9996	0.2582	0.2582
152.11	1.5340	0.9991	1 [illegible]	0.9991	0.2582	0.2582

M (NOMINAL)= 1.5

X=-658 MM   T0=295.9 K   DEL 995= 32.3 MM
RE/M= 9.92*10^6 (MEASURED P)   ME=1.544 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2551	0.2551
0.69	0.8185	0.6049	0.8185	0.6049	0.2551	0.2551
0.90	0.8333	0.6146	0.8333	0.6146	0.2551	0.2551
1.09	0.8674	0.6365	0.8674	0.6365	0.2551	0.2551
1.29	0.8951	0.6540	0.8951	0.6540	0.2551	0.2551
1.50	0.9195	0.6693	0.9195	0.6693	0.2551	0.2551
1.70	0.9380	0.6808	0.9380	0.6808	0.2551	0.2551
2.19	0.9770	0.7047	0.9770	0.7047	0.2551	0.2551
2.69	1.0085	0.7236	1.0085	0.7236	0.2551	0.2551
3.19	1.0386	0.7367	1.0386	0.7367	0.2551	0.2551
3.70	1.0544	0.7506	1.0544	0.7506	0.2551	0.2551
4.71	1.0910	0.7717	1.0910	0.7717	0.2551	0.2551
6.70	1.1500	0.8049	1.1500	0.8049	0.2551	0.2551
8.69	1.1995	0.8320	1.1995	0.8320	0.2551	0.2551
10.70	1.2466	0.8570	1.2466	0.8570	0.2551	0.2551
12.69	1.2858	0.8773	1.2858	0.8773	0.2551	0.2551
14.69	1.3278	0.8966	1.3278	0.8986	0.2551	0.2551
16.69	1.3649	0.9169	1.3649	0.9169	0.2551	0.2551
18.69	1.4024	0.9351	1.4024	0.9351	0.2551	0.2551
20.69	1.4327	0.9494	1.4327	0.9494	0.2551	0.2551
23.19	1.4690	0.9663	1.4690	0.9663	0.2551	0.2551
25.69	1.5018	0.9813	1.5018	0.9813	0.2551	0.2551
28.20	1.5253	0.9918	1.5253	0.9918	0.2551	0.2551
30.69	1.5346	0.9959	1.5346	0.9959	0.2551	0.2551
33.20	1.5414	0.9988	1.5414	0.9988	0.2551	0.2551
35.69	1.5438	0.9999	1.5438	0.9999	0.2551	0.2551
38.20	1.5440	1.0000	1.5440	1.0000	[illegible]	[illegible]
40.70	1.5452	1.0005	1.5452	1.0005	0.2551	0.2551
45.69	1.5442	1.0001	1.5442	1.0001	0.2551	0.2551
50.70	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551
102.11	1.5463	1.0010	1.5463	1.0010	0.2551	0.2551
112.12	1.5465	1.0011	1.5465	1.0011	0.2551	0.2551
122.11	1.5466	1.0011	1.5466	1.0011	0.2551	0.2551
132.11	1.5437	0.9999	1.5437	0.9999	0.2551	0.2551
142.12	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551
152.12	1.5440	1.0000	1.5440	1.0000	0.2551	0.2551

M (NOMINAL)= 1.5

X=-562 MM   T0=295.7 K   DEL 995= 32.3 MM
RE/M= 9.90*10^6 (MEASURED P)   ME=1.548 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2535	0.2535
0.69	0.8155	0.6019	0.8155	0.6019	0.2535	0.2535
0.89	0.8215	0.6059	0.8215	0.6059	0.2535	0.2535
1.10	0.8635	0.6329	0.8635	0.6329	0.2535	0.2535
1.29	0.8904	0.6499	0.8904	0.6499	0.2535	0.2535
1.49	0.9125	0.6638	0.9125	0.6638	0.2535	0.2535
1.70	0.9345	0.6775	0.9345	0.6775	0.2535	0.2535
2.20	0.9762	0.7029	0.9762	0.7029	0.2535	0.2535
2.70	1.0048	0.7201	1.0048	0.7201	0.2535	0.2535
3.20	1.0324	0.7364	1.0324	0.7364	0.2535	0.2535
3.71	1.0529	0.7485	1.0529	0.7485	0.2535	0.2535
4.70	1.0889	0.7692	1.0889	0.7692	0.2535	0.2535
6.69	1.1491	0.8030	1.1491	0.8030	0.2535	0.2535
8.69	1.1937	0.8273	1.1937	0.8273	0.2535	0.2535
10.69	1.2417	0.8529	1.2417	0.8529	0.2535	0.2535
12.69	1.2783	0.8719	1.2783	0.8719	0.2535	0.2535
14.70	1.3238	0.8950	1.3238	0.8950	0.2535	0.2535
16.70	1.3596	0.9127	1.3596	0.9127	0.2535	0.2535
18.71	1.3935	0.9292	1.3935	0.9292	0.2535	0.2535
20.69	1.4232	0.9433	1.4232	0.9433	0.2535	0.2535
22.70	1.4550	0.9582	1.4550	0.9582	0.2535	0.2535
25.69	1.4949	0.9764	1.4949	0.9764	0.2535	0.2535
28.20	1.5198	0.9876	1.5198	0.9876	0.2535	0.2535
30.70	1.5359	0.9947	1.5359	0.9947	0.2535	0.2535
33.19	1.5435	0.9988	1.5435	0.9988	0.2535	0.2535
35.70	1.5359	0.9947	1.5359	0.9947	0.2535	0.2535
38.19	1.5483	1.0001	1.5483	1.0001	0.2535	0.2535
40.69	1.5480	1.0000	1.5480	1.0000	0.2535	0.2535
45.71	1.5458	0.9991	1.5458	0.9991	0.2535	0.2535
50.70	1.5486	1.0003	1.5486	1.0003	0.2535	0.2535
102.11	1.5503	1.0010	1.5503	1.0010	0.2535	0.2535
112.11	1.5489	1.0004	1.5489	1.0004	0.2535	0.2535
122.11	1.5492	1.0005	1.5492	1.0005	0.2535	0.2535
132.12	1.5474	0.9997	1.5474	0.9997	0.2535	0.2535
142.11	1.5499	1.0008	1.5499	1.0008	0.2535	0.2535
152.12	1.5522	1.0018	1.5522	1.0018	0.2535	0.2535

M (NOMINAL)= 1.5

X=-466 MM   T0=295.6 K   DEL 995= 33.3 MM
RE/M= 9.91*10^6 (MEASURED P)   ME=1.554 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2518	0.2518
0.69	0.8359	0.6136	0.8359	0.6136	0.2518	0.2518
0.89	0.8542	0.6253	0.8542	0.6253	0.2518	0.2518
1.09	0.8855	0.6451	0.8855	0.6451	0.2518	0.2518
1.29	0.9131	0.6625	0.9131	0.6625	0.2518	0.2518
1.49	0.9277	0.6715	0.9277	0.6715	0.2518	0.2518
1.70	0.9548	0.6881	0.9548	0.6881	0.2518	0.2518
2.19	0.9868	0.7075	0.9868	0.7075	0.2518	0.2518
2.69	1.0146	0.7240	1.0146	0.7240	0.2518	0.2518
3.19	1.0390	0.7384	1.0390	0.7384	0.2518	0.2518
3.69	1.0615	0.7515	1.0615	0.7515	0.2518	0.2518
4.70	1.0945	0.7704	1.0945	0.7704	0.2518	0.2518
6.70	1.1482	0.8004	1.1482	0.8004	0.2518	0.2518
8.70	1.1980	0.8275	1.1980	0.8275	0.2518	0.2518
10.75	1.2427	0.8512	1.2427	0.8512	0.2518	0.2518
12.69	1.2794	0.8702	1.2794	0.8702	0.2518	0.2518
14.70	1.3189	0.8902	1.3189	0.8902	0.2518	0.2518
16.69	1.3580	0.9096	1.3580	0.9096	0.2518	0.2518
18.69	1.3941	0.9271	1.3941	0.9271	0.2518	0.2518
20.69	1.4239	0.9412	1.4239	0.9412	0.2518	0.2518
23.19	1.4597	0.9578	1.4597	0.9578	0.2518	0.2518
25.69	1.4959	0.9743	1.4959	0.9743	0.2518	0.2518
28.27	1.5200	0.9851	1.5200	0.9851	0.2518	0.2518
30.70	1.5378	0.9929	1.5378	0.9929	0.2518	0.2518
33.19	1.5481	0.9974	1.5481	0.9974	0.2518	0.2518
35.69	1.5520	0.9991	1.5520	0.9991	0.2518	0.2518
38.23	1.5534	0.9997	1.5534	0.9997	0.2518	0.2518
40.69	1.5540	1.0000	1.5540	1.0000	0.2518	0.2518
45.70	1.5548	1.0003	1.5548	1.0003	0.2518	0.2518
50.71	1.5523	0.9993	1.5523	0.9993	0.2518	0.2518
102.11	1.5545	1.0002	1.5545	1.0002	0.2518	0.2518
112.17	1.5545	1.0002	1.5545	1.0002	0.2518	0.2518
122.11	1.5556	1.0007	1.5556	1.0007	0.2518	0.2518
132.12	1.5542	1.0001	1.5542	1.0001	0.2518	0.2518
142.11	1.5503	0.9984	1.5503	0.9984	0.2518	0.2518
152.13	1.5542	1.0001	1.5542	1.0001	0.2518	0.2518

Table 1 (continued)

M (NOMINAL)= 1.5

X=-370 MM T0=295.6 K DEL 995= 33.9 MM
RE/M= 9.80*10^6 (MEASURED P) ME=1.542 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2552	0.2552
0.69	0.7994	0.5930	0.7994	0.5930	0.2552	0.2552
0.89	0.8180	0.6052	0.8180	0.6052	0.2552	0.2552
1.10	0.8529	0.6278	0.8529	0.6278	0.2552	0.2552
1.29	0.8786	0.6442	0.8786	0.6442	0.2552	0.2552
1.50	0.9019	0.6589	0.9019	0.6589	0.2552	0.2552
1.70	0.9186	0.6693	0.9186	0.6693	0.2552	0.2552
2.19	0.9591	0.6944	0.9591	0.6944	0.2552	0.2552
2.73	0.9920	0.7143	0.9920	0.7143	0.2552	0.2552
3.19	1.0160	0.7287	1.0160	0.7287	0.2552	0.2552
3.72	1.0376	0.7414	1.0376	0.7414	0.2552	0.2552
4.70	1.0731	0.7621	1.0731	0.7621	0.2552	0.2552
6.69	1.1386	0.7940	1.1386	0.7940	0.2552	0.2552
8.69	1.1782	0.8211	1.1782	0.8211	0.2552	0.2552
10.70	1.2177	0.8424	1.2177	0.8424	0.2552	0.2552
12.69	1.2600	0.8647	1.2600	0.8647	0.2552	0.2552
14.69	1.3002	0.8854	1.3002	0.8854	0.2552	0.2552
16.70	1.3380	0.9045	1.3380	0.9045	0.2552	0.2552
18.69	1.3707	0.9206	1.3707	0.9206	0.2552	0.2552
20.72	1.4001	0.9340	1.4001	0.9340	0.2552	0.2552
23.19	1.4395	0.9535	1.4395	0.9535	0.2552	0.2552
25.70	1.4723	0.9687	1.4723	0.9687	0.2552	0.2552
28.19	1.5010	0.9817	1.5010	0.9817	0.2552	0.2552
30.70	1.5216	0.9910	1.5216	0.9910	0.2552	0.2552
33.19	1.5346	0.9967	1.5346	0.9967	0.2552	0.2552
35.69	1.5409	0.9995	1.5409	0.9995	0.2552	0.2552
40.70	1.5440	1.0009	1.5440	1.0009	0.2552	0.2552
45.70	1.5420	1.0000	1.5420	1.0000	0.2552	0.2552
50.70	1.5428	1.0003	1.5428	1.0003	0.2552	0.2552
102.11	1.5432	1.0005	1.5432	1.0005	0.2552	0.2552
112.12	1.5397	0.9990	1.5397	0.9990	0.2552	0.2552
122.14	1.5409	0.9995	1.5409	0.9995	0.2552	0.2552
132.12	1.5422	1.0001	1.5422	1.0001	0.2552	0.2552
142.12	1.5422	1.0001	1.5422	1.0001	0.2552	0.2552
152.12	1.5452	1.0014	1.5452	1.0014	0.2552	0.2552

M (NOMINAL)= 1.5

X=-319 MM T0=295.4 K DEL 995= 34.8 MM
RE/M= 9.95*10^6 (MEASURED P) ME=1.542 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2564	0.2564
0.69	0.7977	0.5918	0.7977	0.5918	0.2564	0.2564
0.89	0.8133	0.6021	0.8133	0.6021	0.2564	0.2564
1.09	0.8470	0.6240	0.8470	0.6240	0.2564	0.2564
1.29	0.8729	0.6406	0.8729	0.6406	0.2564	0.2564
1.50	0.8970	0.6558	0.8970	0.6558	0.2564	0.2564
1.70	0.9139	0.6664	0.9139	0.6664	0.2564	0.2564
2.21	0.9548	0.6917	0.9548	0.6917	0.2564	0.2564
2.71	0.9835	0.7092	0.9835	0.7092	0.2564	0.2564
3.19	1.0075	0.7236	1.0075	0.7236	0.2564	0.2564
3.70	1.0259	0.7345	1.0259	0.7345	0.2564	0.2564
4.74	1.0672	0.7587	1.0672	0.7587	0.2564	0.2564
6.69	1.1184	0.7880	1.1184	0.7880	0.2564	0.2564
8.70	1.1696	0.8164	1.1696	0.8164	0.2564	0.2564
10.74	1.2160	0.8415	1.2160	0.8415	0.2564	0.2564
12.70	1.2544	0.8618	1.2544	0.8618	0.2564	0.2564
14.69	1.2916	0.8810	1.2916	0.8810	0.2564	0.2564
16.71	1.3274	0.8991	1.3274	0.8991	0.2564	0.2564
18.71	1.3607	0.9157	1.3607	0.9157	0.2564	0.2564
20.70	1.3937	0.9317	1.3937	0.9317	0.2564	0.2564
23.20	1.4317	0.9498	1.4317	0.9498	0.2564	0.2564
25.69	1.4669	0.9662	1.4669	0.9662	0.2564	0.2564
28.19	1.4947	0.9789	1.4947	0.9789	0.2564	0.2564
30.69	1.5153	0.9882	1.5153	0.9882	0.2564	0.2564
33.20	1.5320	0.9956	1.5320	0.9956	0.2564	0.2564
35.69	1.5381	0.9983	1.5381	0.9983	0.2564	0.2564
38.20	1.5400	0.9991	1.5400	0.9991	0.2564	0.2564
40.70	1.5420	1.0000	1.5420	1.0000	0.2564	0.2564
45.69	1.5408	0.9995	1.5408	0.9995	0.2564	0.2564
50.78	1.5428	1.0003	1.5428	1.0003	0.2564	0.2564
102.11	1.5385	0.9984	1.5385	0.9984	0.2564	0.2564
112.16	1.5406	0.9994	1.5406	0.9994	0.2564	0.2564
122.12	1.5405	0.9993	1.5405	0.9993	0.2564	0.2564
132.11	1.5383	0.9984	1.5383	0.9984	0.2564	0.2564
152.20	1.5417	0.9999	1.5417	0.9999	0.2564	0.2564

M (NOMINAL)= 1.5

X=-268 MM T0=295.1 K DEL 995= 35.5 MM
RE/M= 9.96*10^6 (MEASURED P) ME=1.538 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2576	0.2576
0.69	0.7928	0.5897	0.7928	0.5897	0.2576	0.2576
0.89	0.8007	0.5949	0.8007	0.5949	0.2576	0.2576
1.10	0.8417	0.6217	0.8417	0.6217	0.2576	0.2576
1.29	0.8659	0.6372	0.8659	0.6372	0.2576	0.2576
1.49	0.8840	0.6488	0.8840	0.6488	0.2576	0.2576
1.70	0.9139	0.6676	0.9139	0.6676	0.2576	0.2576
2.19	0.9480	0.6888	0.9480	0.6888	0.2576	0.2576
2.70	0.9771	0.7066	0.9771	0.7066	0.2576	0.2576
3.20	1.0039	0.7227	1.0039	0.7227	0.2576	0.2576
3.69	1.0228	0.7340	1.0228	0.7340	0.2576	0.2576
4.70	1.0568	0.7540	1.0568	0.7540	0.2576	0.2576
6.73	1.1107	0.7850	1.1107	0.7850	0.2576	0.2576
8.69	1.1617	0.8135	1.1617	0.8135	0.2576	0.2576
10.75	1.2061	0.8377	1.2061	0.8377	0.2576	0.2576
12.74	1.2453	0.8586	1.2453	0.8586	0.2576	0.2576
14.73	1.2810	0.8772	1.2810	0.8772	0.2576	0.2576
16.70	1.3158	0.8949	1.3158	0.8949	0.2576	0.2576
18.70	1.3527	0.9133	1.3527	0.9133	0.2576	0.2576
20.69	1.3834	0.9284	1.3834	0.9284	0.2576	0.2576
23.20	1.4182	0.9451	1.4182	0.9451	0.2576	0.2576
25.74	1.4542	0.9620	1.4542	0.9620	0.2576	0.2576
28.19	1.4848	0.9761	1.4848	0.9761	0.2576	0.2576
30.69	1.5094	0.9873	1.5094	0.9873	0.2576	0.2576
33.19	1.5222	0.9930	1.5222	0.9930	0.2576	0.2576
35.69	1.5328	0.9977	1.5328	0.9977	0.2576	0.2576
40.71	1.5380	1.0000	1.5380	1.0000	0.2576	0.2576
45.82	1.5363	0.9992	1.5363	0.9992	0.2576	0.2576
50.74	1.5365	0.9993	1.5365	0.9993	0.2576	0.2576
102.11	1.5398	1.0008	1.5398	1.0008	0.2576	0.2576
112.17	1.5400	1.0009	1.5400	1.0009	0.2576	0.2576
122.11	1.5377	0.9999	1.5377	0.9999	0.2576	0.2576
132.11	1.5389	1.0004	1.5389	1.0004	0.2576	0.2576
142.13	1.5377	0.9999	1.5377	0.9999	0.2576	0.2576
152.16	1.5385	1.0002	1.5385	1.0002	0.2576	0.2576

M (NOMINAL)= 1.5

X=-245 MM T0=294.8 K DEL 995= 36.0 MM
RE/M=10.0*10^6 (MEASURED P) ME=1.541 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	P1/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2616	0.2641
0.69	0.7806	0.5850	0.7806	0.5850	0.2616	0.2638
0.89	0.8018	0.5991	0.8018	0.5991	0.2616	0.2637
1.10	0.8366	0.6219	0.8366	0.6219	0.2616	0.2636
1.29	0.8603	0.6373	0.8603	0.6373	0.2616	0.2635
1.50	0.8843	0.6527	0.8843	0.6527	0.2616	0.2634
1.69	0.8996	0.6624	0.8996	0.6624	0.2616	0.2634
2.19	0.9392	0.6873	0.9392	0.6873	0.2616	0.2631
2.69	0.9697	0.7062	0.9697	0.7062	0.2616	0.2629
3.19	0.9941	0.7210	0.9941	0.7210	0.2616	0.2627
3.69	1.0099	0.7305	1.0099	0.7305	0.2616	0.2625
4.70	1.0477	0.7530	1.0477	0.7530	0.2616	0.2621
6.70	1.1024	0.7848	1.1035	0.7880	0.2613	0.2615
8.69	1.1400	0.8106	1.1503	0.8063	0.2609	0.2609
10.70	1.1981	0.8339	1.1939	0.8382	0.2604	0.2605
12.73	1.2336	0.8573	1.2394	0.8545	0.2598	0.2602
14.69	1.2600	0.8755	1.2758	0.8735	0.2592	0.2597
16.69	1.3011	0.8926	1.3109	0.8914	0.2586	0.2592
18.71	1.3383	0.9115	1.3502	0.9111	0.2580	0.2588
20.69	1.3678	0.9261	1.3813	0.9263	0.2575	0.2585
23.19	1.4076	0.9455	1.4222	0.9459	0.2573	0.2583
25.69	1.4379	0.9600	1.4535	0.9606	0.2570	0.2580
28.19	1.4678	0.9739	1.4845	0.9748	0.2568	0.2577
30.69	1.4940	0.9860	1.5115	0.9871	0.2566	0.2575
33.20	1.5104	0.9934	1.5279	0.9944	0.2566	0.2572
35.71	1.5177	0.9967	1.5353	0.9976	0.2566	0.2570
38.19	1.5242	0.9997	1.5419	1.0006	0.2566	0.2569
40.71	1.5245	0.9998	1.5419	1.0006	0.2567	0.2567
45.69	1.5250	1.0000	1.5406	1.0000	0.2572	0.2572
50.70	1.5252	1.0001	1.5392	0.9994	0.2576	0.2576
55.71	1.5253	1.0001	1.5394	0.9995	0.2576	0.2576
102.11	1.5254	1.0002	1.5325	0.9964	0.2596	0.2596
112.12	1.5256	1.0003	1.5319	0.9961	0.2598	0.2598
122.11	1.5254	1.0002	1.5290	0.9948	0.2606	0.2606
132.11	1.5264	1.0006	1.5299	0.9952	0.2606	0.2606
142.13	1.5261	1.0005	1.5296	0.9951	0.2606	0.2606
152.12	1.5265	1.0007	1.5293	0.9950	0.2608	0.2608

Table 2 (continued)

M (NOMINAL)= 1.5

X=-219 MM T0=294.5 K DEL.995= 37.1 MM
RE/M= 9.99*10^6 (MEASURED P) ME=1.512 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.2831	0.2938
0.69	0.6952	0.5441	0.6952	0.5441	0.2831	0.2925
0.89	0.7063	0.5520	0.7063	0.5520	0.2831	0.2921
1.10	0.7439	0.5785	0.7439	0.5785	0.2831	0.2918
1.29	0.7734	0.5991	0.7734	0.5991	0.2831	0.2916
1.49	0.7995	0.6170	0.7995	0.6170	0.2831	0.2913
1.70	0.8212	0.6318	0.8212	0.6318	0.2831	0.2911
2.21	0.8641	0.6606	0.8641	0.6606	0.2831	0.2904
2.70	0.8937	0.6801	0.8937	0.6801	0.2831	0.2898
3.19	0.9190	0.6971	0.9190	0.6971	0.2831	0.2892
3.70	0.9404	0.7105	0.9404	0.7105	0.2831	0.2886
4.69	0.9755	0.7328	0.9755	0.7328	0.2831	0.2874
6.69	1.0346	0.7696	1.0366	0.7510	0.2824	0.2849
8.69	1.0798	0.7969	1.0841	0.7798	0.2816	0.2824
10.69	1.1251	0.8237	1.1327	0.8069	0.2805	0.2802
12.69	1.1619	0.8458	1.1749	0.8305	0.2787	0.2784
14.69	1.1997	0.8664	1.2182	0.8542	0.2769	0.2767
16.70	1.2318	0.8842	1.2558	0.8743	0.2751	0.2750
18.69	1.2673	0.9036	1.2970	0.8959	0.2733	0.2734
20.69	1.2970	0.9155	1.3319	0.9138	0.2717	0.2728
23.19	1.3360	0.9400	1.3761	0.9359	0.2702	0.2703
25.70	1.3708	0.9578	1.4163	0.9554	0.2687	0.2698
28.19	1.3976	0.9713	1.4404	0.9708	0.2672	0.2691
30.70	1.4234	0.9841	1.4783	0.9847	0.2661	0.2684
33.19	1.4384	0.9915	1.4936	0.9918	0.2661	0.2678
35.69	1.4461	0.9952	1.5015	0.9954	0.2661	0.2673
38.19	1.4518	0.9980	1.5073	0.9980	0.2661	0.2667
40.69	1.4543	0.9992	1.5090	0.9992	0.2661	0.2662
45.69	1.4548	0.9994	1.5104	0.9995	0.2661	0.2661
50.70	1.4560	1.0000	1.5116	1.0000	0.2661	0.2661
55.72	1.4548	0.9994	1.5104	0.9995	0.2661	0.2661
60.69	1.4559	0.9999	1.5112	0.9998	0.2662	0.2662
102.11	1.4570	1.0005	1.5034	0.9963	0.2680	0.2680
112.11	1.4569	1.0004	1.5021	0.9957	0.2692	0.2692
122.11	1.4576	1.0008	1.5017	0.9955	0.2695	0.2695
132.12	1.4583	1.0011	1.5013	0.9953	0.2698	0.2698
142.11	1.4577	1.0008	1.4996	0.9945	0.2702	0.2702
152.12	1.4588	1.0013	1.4995	0.9945	0.2705	0.2705
162.11	1.4588	1.0013	1.4984	0.9940	0.2708	0.2708

M (NOMINAL)= 1.5

X=-196 MM T0=294.2 K DEL.995= 35.9 MM
RE/M=10.03*10^6 (MEASURED P) ME=1.532 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3040	0.3893
0.69	0.5900	0.4809	0.5900	0.4809	0.3040	0.3884
0.89	0.6270	0.5108	0.6270	0.5108	0.3040	0.3881
1.11	0.6716	0.5443	0.6716	0.5443	0.3040	0.3878
1.30	0.6993	0.5640	0.6993	0.5640	0.3040	0.3875
1.49	0.7250	0.5836	0.7250	0.5836	0.3040	0.3873
1.70	0.7461	0.5989	0.7461	0.5989	0.3040	0.3870
2.20	0.7930	0.6325	0.7930	0.6325	0.3040	0.3863
2.71	0.8234	0.6538	0.8234	0.6538	0.3040	0.3856
3.19	0.8480	0.6710	0.8480	0.6710	0.3040	0.3850
3.70	0.8707	0.6866	0.8707	0.6866	0.3040	0.3843
4.69	0.9093	0.7128	0.9093	0.7128	0.3040	0.3838
6.69	0.9667	0.7589	0.9716	0.7052	0.3023	0.3006
8.69	1.0195	0.7850	1.0298	0.7402	0.3003	0.2981
10.69	1.0624	0.8120	1.0785	0.7687	0.2982	0.2956
12.70	1.1012	0.8360	1.1239	0.7947	0.2958	0.2930
14.69	1.1420	0.8606	1.1714	0.8211	0.2934	[illegible]
16.69	1.1792	0.8826	1.2154	0.8458	0.2910	[illegible]
18.69	1.2055	0.8979	1.2488	0.8628	0.2886	0.2852
20.70	1.2373	0.9161	1.2886	0.8835	0.2860	0.2826
23.19	1.2756	0.9376	1.3386	0.9089	0.2822	0.2793
25.71	1.3079	0.9554	1.3831	0.9309	0.2784	0.2760
28.19	1.3356	0.9703	1.4233	0.9502	0.2747	0.2727
30.71	1.3607	0.9836	1.4607	0.9677	0.2711	0.2693
33.19	1.3757	0.9915	1.4862	0.9795	0.2682	0.2669
35.69	1.3862	0.9970	1.5072	0.9890	0.2652	0.2646
38.19	1.3914	0.9997	1.5230	0.9961	0.2622	0.2625
40.70	1.3920	1.0000	1.5317	1.0000	0.2599	0.2603
45.72	1.3930	1.0005	1.5363	1.0020	0.2589	0.2589
50.70	1.3920	1.0000	1.5383	1.0029	0.2580	0.2580
55.91	1.3923	1.0001	1.5386	1.0030	0.2580	0.2580
102.11	1.3949	1.0015	1.5406	1.0039	0.2582	0.2582
112.11	1.3949	1.0015	1.5376	1.0026	0.2591	0.2591
122.12	1.3939	1.0010	1.5354	1.0016	0.2594	0.2594
132.13	1.3960	1.0021	1.5364	1.0021	0.2597	0.2597
142.12	1.3945	1.0013	1.5335	1.0008	0.2601	0.2601
152.12	1.3953	1.0017	1.5326	1.0004	0.2606	0.2606

M (NOMINAL)= 1.5

X=-169 MM T0=293.5 K DEL.995= 36.1 MM
RE/M= 9.94*10^6 (MEASURED P) ME=1.420 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3437	0.3488
0.69	0.4093	0.3608	0.4093	0.3608	0.3437	0.3482
0.89	0.4534	0.3981	0.4534	0.3981	0.3437	0.3481
1.10	0.4997	0.4370	0.4997	0.4370	0.3437	0.3479
1.30	0.5384	0.4690	0.5384	0.4690	0.3437	0.3478
1.49	0.5693	0.4943	0.5693	0.4943	0.3437	0.3476
1.70	0.5899	0.5111	0.5899	0.5111	0.3437	0.3473
2.19	0.6436	0.5542	0.6436	0.5542	0.3437	0.3468
2.69	0.6588	0.5599	0.6588	0.5599	0.3437	0.3462
3.20	0.6975	0.5966	0.6975	0.5966	0.3437	0.3456
3.69	0.7115	0.6075	0.7115	0.6075	0.3437	0.3450
4.70	0.7881	0.6600	0.7881	0.6600	0.3437	0.3438
6.70	0.8511	0.7127	0.8520	0.6643	0.3434	0.3415
8.70	0.9145	0.7584	0.9164	0.7075	0.3430	0.3392
10.70	0.9481	0.7821	0.9529	0.7313	0.3419	0.3370
12.69	0.9929	0.8131	1.0037	0.7639	0.3395	0.3348
14.69	1.0187	0.8306	1.0351	0.7837	0.3371	0.3324
16.69	1.0741	0.8675	1.0961	0.8211	0.3347	0.3298
18.69	1.0855	0.8750	1.1135	0.8316	0.3323	0.3271
20.69	1.1401	0.9101	1.1747	0.8676	0.3296	0.3246
23.20	1.1768	0.9331	1.2217	0.8945	0.3256	0.3216
25.69	1.2101	0.9535	1.2655	0.9188	0.3216	0.3184
28.21	1.2321	0.9669	1.2984	0.9368	0.3176	0.3148
30.69	1.2786	0.9945	1.3570	0.9679	0.3134	0.3111
33.19	1.2935	1.0032	1.3855	0.9826	0.3086	0.3073
35.70	1.2877	0.9998	1.3931	0.9865	0.3039	0.3031
38.19	1.2883	1.0001	1.4073	0.9937	0.2991	0.2989
40.70	1.2880	1.0000	1.4198	1.0000	0.2948	0.2947
45.70	1.2880	1.0000	1.4394	1.0098	0.2883	0.2883
50.70	1.2875	0.9997	1.4584	1.0192	0.2828	0.2828
55.69	1.2894	1.0008	1.4764	1.0279	0.2778	0.2778
60.70	1.2886	1.0004	1.4900	1.0349	0.2724	0.2724
102.11	1.2915	1.0020	1.5231	1.0502	0.2637	0.2637
112.12	1.2901	1.0012	1.5216	1.0495	0.2637	0.2637
122.11	1.2916	1.0021	1.5225	1.0500	0.2639	0.2639
132.11	1.2920	1.0023	1.5198	1.0487	0.2640	0.2640
142.12	1.2917	1.0022	1.5178	1.0478	0.2653	0.2653
152.12	1.2917	1.0022	1.5163	1.0470	0.2658	0.2658
162.12	1.2942	1.0036	1.5177	1.0477	0.2661	0.2661

M (NOMINAL)= 1.5

X=-147 MM T0=292.9 K DEL.995= 36.9 MM
RE/M=10.23*10^6 (MEASURED P) ME=1.443 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3749	0.3741
0.69	0.1998	0.1841	0.1998	0.1841	0.3749	0.3738
0.89	0.2337	0.2150	0.2337	0.2150	0.3749	0.3737
1.11	0.2638	0.2423	0.2638	0.2423	0.3749	0.3736
1.29	0.3260	0.2984	0.3260	0.2984	0.3749	0.3735
1.49	0.3722	0.3396	0.3722	0.3396	0.3749	0.3734
1.69	0.3391	0.3102	0.3391	0.3102	0.3749	0.3733
2.19	0.4406	0.3999	0.4406	0.3999	0.3749	0.3731
[illegible].69	0.4510	0.4090	0.4510	0.4090	0.3749	0.3729
3.1[illegible]	0.5015	0.4527	0.5015	0.4527	0.3749	0.3726
3.71	0.5555	0.4987	0.5555	0.4987	0.3749	0.3724
4.71	0.6386	0.5680	0.6386	0.5680	0.3749	0.3720
6.71	0.6953	0.6142	0.6984	0.5496	0.3739	0.3704
8.69	0.7874	0.6870	0.7935	0.6167	0.3727	0.3689
10.70	0.8245	0.7156	0.8335	0.6441	0.3715	0.3674
12.69	0.8714	0.7510	0.8830	0.6774	0.3703	0.3658
14.70	0.9117	0.7809	0.9259	0.7056	0.3691	0.3641
16.83	0.9822	0.8318	0.9987	0.7521	0.3678	0.3623
18.72	1.0220	0.8598	1.0487	0.7782	0.3667	0.3607
20.69	1.0384	0.8712	1.0688	0.7985	0.3650	0.3589
23.19	1.0932	0.9085	1.1227	0.8275	0.3618	0.3565
25.69	1.1184	0.9253	1.1553	0.8466	0.3585	0.3540
28.20	1.1771	0.9635	1.2217	0.8842	0.3552	0.3514
30.70	1.1991	0.9775	1.2518	0.9009	0.3519	0.3488
33.19	1.2252	0.9939	1.2872	0.9201	0.3481	0.3457
35.70	1.2289	0.9962	1.3002	0.9270	0.3444	0.3421
38.22	1.2729	0.9925	1.3034	0.9287	0.3406	0.3386
40.70	1.2420	1.0044	1.3335	0.9446	0.3364	0.3352
45.69	1.2387	1.0023	1.3584	0.9576	0.3254	0.3254
50.71	1.2247	0.9936	1.3735	0.9653	0.3144	0.3144
55.69	1.2187	0.9898	1.3966	0.9770	0.3040	0.3040
60.70	1.2350	1.0000	1.4430	1.0000	0.2940	0.2940
70.70	1.2176	0.9891	1.4634	1.0099	0.2813	0.2813
102.11	1.2184	0.9897	1.5003	1.0313	0.2675	0.2679
112.12	1.2189	0.9900	1.5089	1.0316	0.2679	0.2679
122.11	1.2202	0.9908	1.5102	1.0322	0.2679	0.2679
132.12	1.2193	0.9902	1.5093	1.0318	0.2679	0.2679
142.12	1.2196	0.9904	1.5096	1.0319	0.2679	0.2679
152.13	1.2176	0.9891	1.5074	1.0309	0.2679	0.2679
162.12	1.2207	0.9911	1.5108	1.0325	0.2679	0.2679
172.12	1.2202	0.9908	1.5102	1.0322	0.2679	0.2679

Table 2 (continued)

M (NOMINAL)= 1.5

X=-122 MM T0=292.3 K DEL 995= 38.7 MM
RE/M=10.40*10^6 (MEASURED P) ME=1.272 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.3970	0.3972
0.10	0.0499	0.0467	0.0499	0.0467	0.3970	0.3972
0.20	0.0731	0.0683	0.0731	0.0683	0.3970	0.3971
0.40	0.0962	0.0899	0.0962	0.0899	0.3970	0.3970
0.60	0.1096	0.1024	0.1096	0.1024	0.3970	0.3970
0.80	0.1242	0.1160	0.1242	0.1160	0.3970	0.3969
1.00	0.1449	0.1352	0.1449	0.1352	0.3970	0.3968
1.50	0.1790	0.1669	0.1790	0.1669	0.3970	0.3966
2.00	0.2119	0.1973	0.2119	0.1973	0.3970	0.3964
2.50	0.2436	0.2264	0.2436	0.2264	0.3970	0.3962
3.00	0.2728	0.2532	0.2728	0.2532	0.3970	0.3960
4.00	0.3337	0.3086	0.3337	0.3086	0.3970	0.3956
6.00	0.4385	0.4023	0.4393	0.3898	0.3960	0.3948
8.00	0.5335	0.4851	0.5356	0.4710	0.3964	0.3939
10.00	0.6200	0.5585	0.6231	0.5428	0.3960	0.3930
12.00	0.6870	0.6139	0.6921	0.5979	0.3952	0.3921
14.00	0.7515	0.6660	0.7584	0.6495	0.3944	0.3912
16.00	0.8063	0.7091	0.8149	0.6924	0.3936	0.3902
18.00	0.8587	0.7494	0.8688	0.7323	0.3928	0.3891
20.00	0.9086	0.7870	0.9202	0.7695	0.3920	0.3880
25.00	1.0146	0.8638	1.0318	0.8472	0.3890	0.3854
30.00	1.0999	0.9227	1.1231	0.9076	0.3860	0.3828
35.00	1.1729	0.9711	1.2048	0.9591	0.3820	0.3790
40.00	1.2156	0.9985	1.2564	0.9985	0.3780	0.3764
45.00	1.2180	1.0000	1.2723	1.0000	0.3720	0.3720
50.69	1.2013	0.9894	1.2719	0.9998	0.3648	0.3648
55.69	1.2195	1.0009	1.3114	1.0230	0.3558	0.3558
60.70	1.2208	1.0018	1.3356	1.0369	0.3463	0.3463
70.69	1.1984	0.9875	1.3737	1.0585	0.3225	0.3225
80.72	1.1846	0.9787	1.4202	1.0842	0.3006	0.3006
90.70	1.1886	0.9813	1.4812	1.1167	0.2820	0.2820
100.62	1.1722	0.9706	1.5063	1.1297	0.2689	0.2689
112.11	1.1703	0.9694	1.5119	1.1327	0.2666	0.2666
122.12	1.1715	0.9702	1.5194	1.1365	0.2648	0.2648
132.11	1.1728	0.9710	1.5243	1.1390	0.2638	0.2638
142.15	1.1717	0.9703	1.5266	1.1402	0.2628	0.2628
152.11	1.1726	0.9709	1.5303	1.1420	0.2620	0.2620
162.12	1.1722	0.9706	1.5297	1.1417	0.2620	0.2620
172.11	1.1726	0.9709	1.5293	1.1415	0.2623	0.2623
202.04	1.1727	0.9709	1.5272	1.1404	0.2629	0.2629

M (NOMINAL)= 1.5

X=-96 MM T0=291.4 K DEL 995= 58.8 MM
RE/M=10.61*10^6 (MEASURED P) ME=1.239 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4186	0.4161
0.10	0.0000	0.0000	0.0000	0.0000	0.4186	0.4161
0.20	0.0712	0.0679	0.0712	0.0679	0.4186	0.4161
0.40	0.0107	0.0102	0.0107	0.0102	0.4186	0.4160
0.60	0.0190	0.0181	0.0190	0.0181	0.4186	0.4159
0.80	0.0237	0.0226	0.0237	0.0226	0.4186	0.4159
1.00	0.0285	0.0272	0.0285	0.0272	0.4186	0.4158
1.50	0.0522	0.0498	0.0522	0.0498	0.4186	0.4157
2.00	0.0783	0.0747	0.0783	0.0747	0.4186	0.4156
2.50	0.1079	0.1029	0.1079	0.1029	0.4186	0.4154
3.00	0.1376	0.1311	0.1376	0.1311	0.4186	0.4153
4.00	0.1874	0.1782	0.1874	0.1782	0.4186	0.4150
6.00	0.2846	0.2695	0.2859	0.2616	0.4184	0.4145
8.00	0.3771	0.3549	0.3799	0.3456	0.4180	0.4139
10.00	0.4542	0.4249	0.4581	0.4141	0.4176	0.4133
12.00	0.5242	0.4871	0.5297	0.4755	0.4170	0.4126
14.00	0.5906	0.5450	0.5974	0.5325	0.4164	0.4119
16.00	0.6487	0.5947	0.6567	0.5813	0.4158	0.4112
18.00	0.7082	0.6452	0.7182	0.6309	0.4152	0.4105
20.00	0.7682	0.6870	0.7782	0.6719	0.4146	0.4098
25.00	0.8824	0.7834	0.8969	0.7680	0.4121	0.4081
30.00	0.9856	0.8687	1.0044	0.8453	0.4096	0.4063
35.00	1.0721	0.9227	1.0952	0.9075	0.4071	0.4046
40.00	1.1457	0.9732	1.1737	0.9508	0.4046	0.4028
45.00	1.1813	0.9969	1.2145	0.9847	0.4021	0.4007
50.00	1.1836	0.9984	1.2221	0.9894	0.3996	0.3983
55.00	1.1848	0.9992	1.2386	0.9947	0.3961	0.3955
60.00	1.1860	1.0000	1.2392	1.0000	0.3926	0.3926
70.70	1.1860	1.0000	1.2556	1.0101	0.3850	0.3850
80.70	1.1814	0.9969	1.2718	1.0199	0.3755	0.3755
90.72	1.1517	0.9772	1.2885	1.0252	0.3585	0.3585
100.67	1.1626	0.9845	1.3629	1.0737	0.3297	0.3297
112.11	1.1571	0.9808	1.4381	1.1159	0.3004	0.3004
116.11	1.1279	0.9611	1.4247	1.1085	0.2944	0.2944
122.11	1.1313	0.9635	1.4512	1.1231	0.2869	0.2869
132.11	1.1287	0.9617	1.4709	1.1338	0.2798	0.2798
142.12	1.1276	0.9610	1.4812	1.1393	0.2762	0.2762
152.14	1.1274	0.9608	1.4875	1.1427	0.2742	0.2742
162.11	1.1310	0.9632	1.4980	1.1482	0.2722	0.2722
172.12	1.1287	0.9617	1.5008	1.1497	0.2706	0.2706
182.12	1.1282	0.9614	1.5002	1.1494	0.2706	0.2706
192.14	1.1292	0.9620	1.5013	1.1500	0.2706	0.2706
202.09	1.1285	0.9615	1.5005	1.1495	0.2706	0.2706

M (NOMINAL)= 1.5

X=-73 MM T0=296.4 K DEL 995= 58.3 MM
RE/M=10.37*10^6 (MEASURED P) ME=1.198 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4281	0.4289
0.10	-0.0012	-0.0011	-0.0012	-0.0011	0.4281	0.4289
0.20	-0.0023	-0.0023	-0.0023	-0.0023	0.4281	0.4289
0.40	0.0023	0.0023	0.0023	0.0023	0.4281	0.4288
0.60	0.0094	0.0090	0.0094	0.0090	0.4281	0.4288
0.80	0.0164	0.0158	0.0164	0.0158	0.4281	0.4287
1.00	0.0222	0.0214	0.0222	0.0214	0.4281	0.4287
1.50	0.0340	0.0327	0.0340	0.0327	0.4281	0.4286
2.00	0.0515	0.0497	0.0515	0.0497	0.4281	0.4285
2.50	0.0703	0.0677	0.0703	0.0677	0.4281	0.4284
3.00	0.0878	0.0846	0.0876	0.0846	0.4281	0.4283
4.00	0.1183	0.1139	0.1183	0.1139	0.4281	0.4280
6.00	0.1862	0.1789	0.1898	0.1798	0.4277	0.4276
8.00	0.2483	0.2378	0.2563	0.2418	0.4269	0.4272
10.00	0.3080	0.2941	0.3189	0.2988	0.4261	0.4269
12.00	0.3724	0.3541	0.3833	0.3576	0.4257	0.4265
14.00	0.4274	0.4047	0.4396	0.4075	0.4253	0.4261
16.00	0.4883	0.4599	0.4997	0.4617	0.4249	0.4257
18.00	0.5433	0.5090	0.5550	0.5099	0.4245	0.4251
20.00	0.6042	0.5623	0.6160	0.5622	0.4241	0.4245
25.00	0.7389	0.6763	0.7514	0.6743	0.4231	0.4231
30.00	0.8654	0.7780	0.8787	0.7742	0.4221	0.4218
35.00	0.9825	0.8671	0.9967	0.8618	0.4211	0.4207
40.00	1.0761	0.9348	1.0918	0.9288	0.4201	0.4194
45.00	1.1265	0.9698	1.1458	0.9648	0.4186	0.4179
50.00	1.1546	0.9890	1.1761	0.9854	0.4171	0.4164
55.00	1.1698	0.9992	1.1943	0.9973	0.4156	0.4148
60.00	1.1710	1.0000	1.1985	1.0000	0.4141	0.4132
70.70	1.1697	0.9991	1.2080	1.0061	0.4008	0.4008
80.69	1.1702	0.9995	1.2185	1.0129	0.4038	0.4038
90.69	1.1685	0.9984	1.2258	1.0176	0.3995	0.3995
102.11	1.1677	0.9978	1.2490	1.0323	0.3881	0.3881
110.11	1.1643	0.9955	1.2703	1.0456	0.3768	0.3768
120.13	1.1588	0.9918	1.3183	1.0751	0.3536	0.3536
122.11	1.1469	0.9837	1.3243	1.0787	0.3461	0.3461
132.12	1.1267	0.9700	1.3982	1.1223	0.3100	0.3100
142.12	1.1117	0.9596	1.4561	1.1551	0.2850	0.2850
152.11	1.1117	0.9596	1.4825	1.1697	0.2767	0.2767
162.11	1.1140	0.9612	1.4907	1.1742	0.2749	0.2749
172.12	1.1122	0.9600	1.4914	1.1746	0.2741	0.2741
182.11	1.1127	0.9603	1.4919	1.1749	0.2741	0.2741
192.11	1.1130	0.9605	1.4923	1.1751	0.2741	0.2741
202.09	1.1130	0.9605	1.4923	1.1751	0.2741	0.2741

M (NOMINAL)= 1.5

X=-24 MM T0=296.2 K DEL 995= 64.5 MM
RE/M=10.30*10^6 (MEASURED P) ME=1.155 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4453	0.4559
0.20	-0.0034	-0.0034	-0.0034	-0.0034	0.4453	0.4559
0.40	-0.0091	-0.0090	-0.0091	-0.0090	0.4453	6.4559
0.60	-0.0160	-0.0157	-0.0160	-0.0157	0.4453	0.4558
0.80	-0.0239	-0.0236	-0.0239	-0.0236	0.4453	0.4558
1.00	-0.0285	-0.0281	-0.0285	-0.0281	0.4453	0.4558
1.50	-0.0399	-0.0393	-0.0399	-0.0393	0.4453	0.4557
2.00	-0.0456	-0.0449	-0.0456	-0.0449	0.4453	0.4557
2.50	-0.0445	-0.0438	-0.0445	-0.0438	0.4453	0.4556
3.00	-0.0410	-0.0404	-0.0410	-0.0404	0.4453	0.4555
4.00	-0.0239	-0.0236	-0.0239	-0.0236	0.4453	0.4552
6.00	0.0217	0.0213	0.0419	0.9408	0.4449	0.4546
8.00	0.0695	0.0684	0.0932	0.0908	0.4441	0.4540
10.00	0.1208	0.1188	0.1451	0.1411	0.4433	0.4534
12.00	0.1733	0.1701	0.1927	0.1871	0.4431	0.4528
14.00	0.2257	0.2211	0.2424	0.2348	0.4429	0.4522
16.00	0.2747	0.2685	0.2898	0.2801	0.4427	0.4516
18.00	0.3226	0.3144	0.3366	0.3244	0.4425	0.4510
20.00	0.3796	0.3685	0.3925	0.3767	0.4423	0.4505
25.00	0.5062	0.4861	0.5210	0.4945	0.4408	0.4490
30.00	0.6361	0.6024	0.6524	0.6103	0.4393	0.4476
35.00	0.7535	0.7031	0.7701	0.7096	0.4383	0.4463
40.00	0.8687	0.7973	0.8857	0.8025	0.4373	0.4450
45.00	0.9804	0.8841	0.9961	0.8867	0.4373	0.4438
50.00	1.0727	0.9523	1.0878	0.9532	0.4373	0.4427
55.00	1.1172	0.9840	1.1322	0.9843	0.4373	0.4414
60.00	1.1354	0.9968	1.1504	0.9969	0.4373	0.4401
65.00	1.1389	0.9992	1.1538	0.9992	0.4373	0.4389
70.00	1.1400	1.0000	1.1549	1.0000	0.4373	0.4378
80.70	1.1400	1.0000	1.1572	1.0016	0.4361	0.4361
90.69	1.1395	0.9997	1.1604	1.0037	0.4342	0.4342
100.65	1.1379	0.9986	1.1327	0.9847	0.4481	0.4481
112.16	1.1367	0.9977	1.0670	0.9384	0.4845	0.4845
122.14	1.1365	0.9975	1.0002	0.8897	0.5243	0.5243
132.11	1.1362	0.9974	0.9809	0.8754	0.5359	0.5359
142.11	1.1350	0.9965	0.9750	0.8710	0.5387	0.5387
152.11	1.1332	0.9952	0.9702	0.8674	0.5405	0.5405
162.12	1.1247	0.9893	0.9606	0.8601	0.5409	0.5409
172.19	1.1303	0.9932	0.9777	0.8730	0.5340	0.5340
182.12	1.1028	0.9739	1.1009	0.9681	0.4420	0.4420
192.11	1.0857	0.9617	1.3979	1.1551	0.3069	0.3069
202.07	1.0787	0.9566	1.3962	1.1541	0.3049	0.3049

M (NOMINAL)= 1.5

X= 25 MM TO=295.9 K DEL 995= 69.6 MM
RE/M=10.17*10^6 (MEASURED P) ME=1.061 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4561	0.3702
0.20	-0.0146	-0.0145	-0.0146	-0.0145	0.4561	0.3705
0.40	-0.0235	-0.0235	-0.0235	-0.0235	0.4561	0.3709
0.60	-0.0383	-0.0382	-0.0383	-0.0382	0.4561	0.3712
0.80	-0.0370	-0.0369	-0.0370	-0.0369	0.4561	0.3715
1.00	-0.0415	-0.0414	-0.0415	-0.0414	0.4561	0.3719
1.50	-0.0448	-0.0447	-0.0448	-0.0447	0.4561	0.3727
2.00	-0.0471	-0.0470	-0.0471	-0.0470	0.4561	0.3735
2.50	-0.0460	-0.0459	-0.0460	-0.0459	0.4561	0.3743
3.00	-0.0437	-0.0436	-0.0437	-0.0436	0.4561	0.3752
4.00	-0.0370	-0.0369	-0.0370	-0.0369	0.4561	0.3768
6.00	-0.0090	-0.0089	-0.0090	-0.0089	0.4561	0.3801
8.00	0.0213	0.0212	0.0213	0.0212	0.4561	0.3834
10.00	0.0549	0.0548	0.0549	0.0548	0.4561	0.3867
12.00	0.0886	0.0883	0.0954	0.0994	0.4557	0.3900
14.00	0.1211	0.1206	0.1310	0.1365	0.4553	0.3933
16.00	0.1581	0.1573	0.1696	0.1765	0.4549	0.3966
18.00	0.1962	0.1950	0.2087	0.2168	0.4545	0.3999
20.00	0.2332	0.2314	0.2464	0.2556	0.4541	0.4032
25.00	0.3352	0.3300	0.3539	0.3647	0.4521	0.4114
30.00	0.4473	0.4377	0.4688	0.4788	0.4501	0.4196
35.00	0.5616	0.5435	0.5822	0.5879	0.4491	0.4279
40.00	0.6861	0.6545	0.7060	0.7025	0.4481	0.4361
45.00	0.8071	0.7576	0.8247	0.8074	0.4481	0.4444
50.00	0.9226	0.8510	0.9385	0.9031	0.4481	0.4526
55.00	1.0280	0.9320	1.0280	0.9320	0.4561	0.4608
60.00	1.0851	0.9742	1.0707	1.0077	0.4641	0.4691
65.00	1.1154	0.9960	1.0843	1.0101	0.4736	0.4773
70.00	1.1199	0.9992	1.0723	1.0000	0.4831	0.4856
75.00	1.1210	1.0002	1.0606	1.0000	0.4906	0.4938
80.69	1.1210	1.0000	1.0461	0.9888	0.4992	0.4992
90.70	1.1210	1.0000	1.0197	0.9682	0.5151	0.5151
100.62	1.1202	0.9994	0.9961	0.9495	0.5290	0.5290
112.11	1.1165	0.9982	0.9694	0.9281	0.5444	0.5444
122.12	1.1184	0.9982	0.9523	0.9143	0.5550	0.5550
132.12	1.1165	0.9968	0.9366	0.9015	0.5636	0.5636
142.11	1.1153	0.9959	0.9244	0.8915	0.5704	0.5704
152.11	1.1152	0.9958	0.9148	0.8836	0.5764	0.5764
162.11	1.1138	0.9949	0.9042	0.8747	0.5822	0.5822
172.11	1.1139	0.9950	0.8964	0.8683	0.5872	0.5872
182.11	1.1073	0.9902	0.8821	0.8563	0.5915	0.5915
192.12	1.0893	0.9772	0.8587	0.8365	0.5932	0.5932
202.04	1.0701	0.9632	0.8353	0.8166	0.5939	0.5939

M (NOMINAL)= 1.5

X= 125 MM TO=295.8 K DEL 995= 78.0 MM
RE/M=10.15*10^6 (MEASURED P) ME=1.047 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4733	0.4279
0.20	-0.0033	-0.0033	-0.0033	-0.0033	0.4733	0.4281
0.40	-0.0076	-0.0078	-0.0076	-0.0078	0.4733	0.4282
0.60	-0.0120	-0.0122	-0.0120	-0.0122	0.4733	0.4284
0.80	-0.0164	-0.0167	-0.0164	-0.0167	0.4733	0.4286
1.00	-0.0185	-0.0189	-0.0185	-0.0189	0.4733	0.4287
1.50	-0.0218	-0.0222	-0.0218	-0.0222	0.4733	0.4292
2.00	-0.0229	-0.0234	-0.0229	-0.0234	0.4733	0.4296
2.50	-0.0229	-0.0234	-0.0229	-0.0234	0.4733	0.4300
3.00	-0.0218	-0.0222	-0.0218	-0.0222	0.4733	0.4304
4.00	-0.0153	-0.0156	-0.0153	-0.0156	0.4733	0.4312
6.00	0.0000	0.0000	0.0000	0.0000	0.4733	0.4329
8.00	0.0196	0.0200	0.0196	0.0200	0.4733	0.4345
10.00	0.0392	0.0400	0.0392	0.0400	0.4733	0.4362
12.00	0.0589	0.0601	0.0589	0.0601	0.4733	0.4378
14.00	0.0796	0.0812	0.0796	0.0812	0.4733	0.4395
16.00	0.1068	0.1089	0.1068	0.1089	0.4733	0.4411
18.00	0.1297	0.1322	0.1297	0.1322	0.4733	0.4428
20.00	0.1559	0.1587	0.1559	0.1587	0.4733	0.4445
25.00	0.2322	0.2357	0.2322	0.2357	0.4733	0.4486
30.00	0.3172	0.3205	0.3172	0.3205	0.4733	0.4527
35.00	0.4109	0.4125	0.4109	0.4125	0.4733	0.4569
40.00	0.5145	0.5117	0.5145	0.5117	0.4733	0.4610
45.00	0.6191	0.6090	0.6204	0.6304	0.4728	0.4651
50.00	0.7325	0.7104	0.7348	0.7361	0.4723	0.4693
55.00	0.8317	0.7956	0.8317	0.7956	0.4733	0.4734
60.00	0.9232	0.8710	0.9213	0.8982	0.4743	0.4775
65.00	0.9963	0.9288	0.9863	0.9516	0.4788	0.4817
70.00	1.0519	0.9714	1.0343	0.9899	0.4833	0.4858
75.00	1.0867	0.9976	1.0600	1.0100	0.4888	0.4899
80.00	1.0889	0.9992	1.0528	1.0044	0.4943	0.4941
85.00	1.0900	1.0000	1.0472	1.0000	0.4983	0.4982
90.72	1.0900	1.0000	1.0394	0.9939	0.5029	0.5029
100.63	1.0900	1.0000	1.0249	0.9825	0.5117	0.5117
112.12	1.0891	0.9993	1.0120	0.9722	0.5190	0.5190
122.12	1.0885	0.9989	0.9988	0.9616	0.5266	0.5266
127.11	1.0884	0.9988	0.9938	0.9576	0.5296	0.5296
137.11	1.0862	0.9972	0.9830	0.9489	0.5349	0.5349
142.12	1.0858	0.9969	0.9785	0.9453	0.5374	0.5374
152.11	1.0858	0.9969	0.9708	0.9390	0.5421	0.5421
162.14	1.0838	0.9954	0.9629	0.9325	0.5457	0.5457
172.11	1.0846	0.9960	0.9605	0.9306	0.5477	0.5477
182.12	1.0813	0.9935	0.9538	0.9251	0.5497	0.5497
192.14	1.0796	0.9923	0.9492	0.9214	0.5514	0.5514
202.05	1.0653	0.9815	0.9327	0.9077	0.5521	0.5521

M (NOMINAL)= 1.5

X= 223 MM TO=296.0 K DEL 995= 81.8 MM
RE/M=10.10*10^6 (MEASURED P) ME=1.031 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4892	0.4338
0.10	0.0064	0.0066	0.0064	0.0066	0.4892	0.4339
0.20	0.0149	0.0155	0.0149	0.0155	0.4892	0.4340
0.40	0.0223	0.0232	0.0223	0.0232	0.4892	0.4341
0.60	0.0298	0.0310	0.0298	0.0310	0.4892	0.4343
0.80	0.0361	0.0376	0.0361	0.0376	0.4892	0.4345
1.00	0.0436	0.0454	0.0436	0.0454	0.4892	0.4346
1.50	0.0542	0.0564	0.0542	0.0564	0.4892	0.4350
2.00	0.0638	0.0664	0.0638	0.0664	0.4892	0.4354
2.50	0.0723	0.0752	0.0723	0.0752	0.4892	0.4358
3.00	0.0776	0.0808	0.0776	0.0808	0.4892	0.4362
4.00	0.0872	0.0907	0.0872	0.0907	0.4892	0.4371
6.00	0.0989	0.1029	0.0989	0.1029	0.4892	0.4387
8.00	0.1095	0.1139	0.1095	0.1139	0.4892	0.4403
10.00	0.1254	0.1304	0.1254	0.1304	0.4892	0.4419
12.00	0.1371	0.1426	0.1371	0.1426	0.4892	0.4436
14.00	0.1552	0.1613	0.1552	0.1613	0.4892	0.4452
16.00	0.1733	0.1799	0.1733	0.1799	0.4892	0.4468
18.00	0.1924	0.1997	0.1924	0.1997	0.4892	0.4484
20.00	0.2137	0.2215	0.2137	0.2215	0.4892	0.4501
25.00	0.2689	0.2781	0.2689	0.2781	0.4892	0.4541
30.00	0.3391	0.3492	0.3391	0.3492	0.4892	0.4582
35.00	0.4103	0.4204	0.4103	0.4204	0.4892	0.4622
40.00	0.4900	0.4986	0.4900	0.4986	0.4892	0.4663
45.00	0.5761	0.5811	0.5761	0.5811	0.4892	0.4704
50.00	0.6676	0.6663	0.6676	0.6663	0.4892	0.4744
55.00	0.7643	0.7533	0.7643	0.7533	0.4892	0.4785
60.00	0.8515	0.8288	0.8515	0.8288	0.4892	0.4825
65.00	0.9312	0.8954	0.9284	0.9157	0.4907	0.4866
70.00	0.9950	0.9469	0.9897	0.9665	0.4922	0.4907
75.00	1.0343	0.9778	1.0232	0.9936	0.4957	0.4947
80.00	1.0502	0.9902	1.0333	1.0017	0.4992	0.4988
85.00	1.0609	0.9904	1.0364	1.0043	0.5037	0.5028
90.00	1.0630	1.0000	1.0311	1.0000	0.5082	0.5069
100.62	1.0630	1.0000	1.0223	0.9930	0.5135	0.5135
112.10	1.0620	0.9993	1.0129	0.9854	0.5186	0.5186
122.10	1.0608	0.9983	1.0000	0.9814	0.5208	0.5208
132.19	1.0597	0.9975	1.0016	0.9763	0.5241	0.5241
142.14	1.0581	0.9962	0.9934	0.9695	0.5288	0.5288
152.12	1.0580	0.9962	0.9875	0.9647	0.5316	0.5316
162.11	1.0573	0.9960	0.9843	0.9621	0.5334	0.5334
172.12	1.0569	0.9945	0.9807	0.9592	0.5344	0.5344
182.12	1.0559	0.9945	0.9791	0.9579	0.5354	0.5354
192.13	1.0541	0.9931	0.9759	0.9553	0.5362	0.5362
202.04	1.0477	0.9882	0.9693	0.9498	0.5362	0.5362
202.04	1.0477	0.9882	0.9693	0.9498	0.5362	0.5362

M (NOMINAL)= 1.5

X= 270 MM TO=296.0 K DEL 995= 84.5 MM
RE/M=10.14*10^6 (MEASURED P) ME=1.028 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.4968	0.4680
0.10	0.0410	0.0431	0.0410	0.0431	0.4968	0.4681
0.20	0.0504	0.0530	0.0504	0.0530	0.4968	0.4681
0.40	0.0599	0.0629	0.0599	0.0629	0.4968	0.4682
0.60	0.0662	0.0696	0.0662	0.0696	0.4968	0.4683
0.80	0.0693	0.0729	0.0693	0.0729	0.4968	0.4684
1.00	0.0735	0.0773	0.0735	0.0773	0.4968	0.4684
1.50	0.0871	0.0916	0.0871	0.0916	0.4968	0.4687
2.00	0.1018	0.1071	0.1018	0.1071	0.4968	0.4689
2.50	0.1071	0.1126	0.1071	0.1126	0.4968	0.4691
3.00	0.1092	0.1148	0.1092	0.1148	0.4968	0.4693
4.00	0.1124	0.1181	0.1124	0.1181	0.4968	0.4698
6.00	0.1229	0.1291	0.1229	0.1291	0.4968	0.4706
8.00	0.1281	0.1346	0.1281	0.1346	0.4968	0.4715
10.00	0.1407	0.1477	0.1407	0.1477	0.4968	0.4724
12.00	0.1523	0.1598	0.1523	0.1598	0.4968	0.4733
14.00	0.1670	0.1752	0.1670	0.1752	0.4968	0.4742
16.00	0.1743	0.1828	0.1743	0.1828	0.4968	0.4750
18.00	0.2037	0.2134	0.2037	0.2134	0.4968	0.4759
20.00	0.2226	0.2331	0.2226	0.2331	0.4968	0.4768
25.00	0.2740	0.2862	0.2740	0.2862	0.4968	0.4790
30.00	0.3391	0.3528	0.3391	0.3528	0.4968	0.4812
35.00	0.4158	0.4301	0.4158	0.4301	0.4968	0.4834
40.00	0.4893	0.5029	0.4893	0.5029	0.4968	0.4856
45.00	0.5786	0.5893	0.5786	0.5893	0.4968	0.4878
50.00	0.6710	0.6762	0.6710	0.6762	0.4968	0.4900
55.00	0.7707	0.7666	0.7707	0.7666	0.4968	0.4922
60.00	0.8537	0.8391	0.8537	0.8391	0.4968	0.4944
65.00	0.9238	0.8976	0.9220	0.9124	0.4973	0.4966
70.00	0.9733	0.9390	0.9716	0.9538	0.4978	0.4987
75.00	1.0112	0.9694	1.0052	0.9813	0.5003	0.5009
80.00	1.0343	0.9877	1.0241	0.9966	0.5028	0.5031
85.00	1.0469	0.9975	1.0326	1.0034	0.5053	0.5053
90.00	1.0490	0.9992	1.0306	1.0018	0.5078	0.5075
95.00	1.0500	1.0000	1.028[illegible]	1.0000	0.5098	0.5097
102.11	1.0500	1.0000	[illegible]	0.9962	0.5126	0.5126
112.12	1.0487	0.9990	[illegible]	0.9896	0.5169	0.5169
122.11	1.0483	0.9987	[illegible]	0.9832	0.5214	0.5214
132.13	1.0471	0.9977	1.0016	0.9784	0.5242	0.5242
142.14	1.0454	0.9964	0.9962	0.9740	0.5264	0.5264
152.13	1.0444	0.9956	0.9906	0.9695	0.5292	0.5292
162.11	1.0437	0.9951	0.9866	0.9662	0.5312	0.5312
172.11	1.0428	0.9943	0.9831	0.9633	0.5328	0.5328
182.16	1.0418	0.9936	0.9825	0.9628	0.5326	0.5326
192.12	1.0402	0.9924	0.9823	0.9627	0.5317	0.5317
202.04	1.0232	0.9790	0.9658	0.9490	0.5310	0.5310

M (NOMINAL)= 1.5

X= 293 MM T0=295.6 K DEL.995= 85.3 MM
RE/M=10.11*10^6 (MEASURED P) ME=1.024 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5009	0.4776
0.10	0.0449	0.0474	0.0449	0.0474	0.5009	0.4776
0.20	0.0585	0.0618	0.0585	0.0618	0.5009	0.4777
0.40	0.0647	0.0684	0.0647	0.0684	0.5009	0.4777
0.60	0.0710	0.0750	0.0710	0.0750	0.5009	0.4778
0.80	0.0762	0.0805	0.0762	0.0805	0.5009	0.4779
1.00	0.0825	0.0871	0.0825	0.0871	0.5009	0.4780
1.50	0.0908	0.0959	0.0908	0.0959	0.5009	0.4782
2.00	0.1034	0.1091	0.1034	0.1091	0.5009	0.4784
2.50	0.1096	0.1157	0.1096	0.1157	0.5009	0.4785
3.00	0.1169	0.1234	0.1169	0.1234	0.5009	0.4787
4.00	0.1221	0.1289	0.1221	0.1289	0.5009	0.4791
6.00	0.1274	0.1344	0.1274	0.1344	0.5009	0.4798
8.00	0.1409	0.1487	0.1409	0.1487	0.5009	0.4806
10.00	0.1535	0.1618	0.1535	0.1618	0.5009	0.4813
12.00	0.1681	0.1772	0.1681	0.1772	0.5009	0.4821
14.00	0.1858	0.1958	0.1858	0.1958	0.5009	0.4828
16.00	0.2046	0.2154	0.2046	0.2154	0.5009	0.4836
18.00	0.2098	0.2209	0.2098	0.2209	0.5009	0.4843
20.00	0.2412	0.2535	0.2412	0.2535	0.5009	0.4851
25.00	0.2965	0.3107	0.2965	0.3107	0.5009	0.4869
30.00	0.3644	0.3801	0.3644	0.3801	0.5009	0.4888
35.00	0.4364	0.4528	0.4364	0.4528	0.5009	0.4906
40.00	0.5126	0.5282	0.5126	0.5282	0.5009	0.4925
45.00	0.5888	0.6019	0.5888	0.6019	0.5009	0.4943
50.00	0.6692	0.6777	0.6692	0.6777	0.5009	0.4962
55.00	0.7586	0.7522	0.7586	0.7522	0.5009	0.4981
60.00	0.8289	0.8216	0.8289	0.8216	0.5009	0.4999
65.00	0.8989	0.8816	0.8989	0.8816	0.5009	0.5018
70.00	0.9636	0.9355	0.9636	0.9355	0.5009	0.5036
75.00	1.0043	0.9685	0.9999	0.9804	0.5034	0.5055
80.00	1.0283	0.9876	1.0199	0.9967	0.5059	0.5074
85.00	1.0419	0.9984	1.0294	1.0041	0.5084	0.5092
90.00	1.0429	0.9992	1.0263	1.0018	0.5109	0.5111
95.00	1.0440	1.0000	1.0241	1.0000	0.5129	0.5129
102.11	1.0431	0.9993	1.0184	0.9954	0.5157	0.5157
112.12	1.0425	0.9985	1.0113	0.9896	0.5195	0.5195
122.16	1.0418	0.9976	1.0052	0.9847	0.5225	0.5225
132.13	1.0401	0.9970	0.9997	0.9802	0.5253	0.5253
142.11	1.0397	0.9966	0.9968	0.9772	0.5273	0.5273
152.11	1.0384	0.9956	0.9913	0.9734	0.5293	0.5293
162.13	1.0375	0.9949	0.9876	0.9703	0.5311	0.5311
172.12	1.0364	0.9943	0.9855	0.9686	0.5319	0.5319
182.12	1.0367	0.9942	0.9854	0.9685	0.5319	0.5319
192.11	1.0355	0.9933	0.9847	0.9679	0.5316	0.5316
202.05	1.0211	0.9819	0.9720	0.9574	0.5303	0.5303

M (NOMINAL)= 1.5

X= 321 MM T0=296.0 K DEL.995= 87.8 MM
RE/M=10.13*10^6 (MEASURED P) ME=1.019 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5059	0.4841
0.10	0.0486	0.0518	0.0486	0.0518	0.5059	0.4841
0.20	0.0631	0.0672	0.0631	0.0672	0.5059	0.4842
0.40	0.0797	0.0848	0.0797	0.0848	0.5059	0.4842
0.60	0.0849	0.0903	0.0849	0.0903	0.5059	0.4843
0.80	0.0900	0.0958	0.0900	0.0958	0.5059	0.4844
1.00	0.0963	0.1024	0.0963	0.1024	0.5059	0.4844
1.50	0.1097	0.1167	0.1097	0.1167	0.5059	0.4846
2.00	0.1232	0.1309	0.1232	0.1309	0.5059	0.4848
2.50	0.1273	0.1353	0.1273	0.1353	0.5059	0.4849
3.00	0.1314	0.1397	0.1314	0.1397	0.5059	0.4851
4.00	0.1366	0.1452	0.1366	0.1452	0.5059	0.4854
6.00	0.1428	0.1518	0.1428	0.1518	0.5059	0.4861
8.00	0.1470	0.1561	0.1470	0.1561	0.5059	0.4867
10.00	0.1573	0.1671	0.1573	0.1671	0.5059	0.4874
12.00	0.1677	0.1780	0.1677	0.1780	0.5059	0.4880
14.00	0.1822	0.1935	0.1822	0.1935	0.5059	0.4887
16.00	0.1946	0.2064	0.1946	0.2064	0.5059	0.4894
18.00	0.2101	0.2227	0.2101	0.2227	0.5059	0.4900
20.00	0.2298	0.2433	0.2298	0.2433	0.5059	0.4907
25.00	0.2698	0.2868	0.2698	0.2868	0.5059	0.4923
30.00	0.3540	0.3722	0.3540	0.3722	0.5059	0.4939
35.00	0.4223	0.4418	0.4223	0.4418	0.5059	0.4956
40.00	0.4968	0.5163	0.4968	0.5163	0.5059	0.4972
45.00	0.5765	0.5943	0.5765	0.5943	0.5059	0.4989
50.00	0.6552	0.6694	0.6552	0.6694	0.5059	0.5005
55.00	0.7369	0.7452	0.7369	0.7452	0.5059	0.5021
60.00	0.8156	0.8158	0.8156	0.8158	0.5059	0.5038
65.00	0.8891	0.8796	0.8891	0.8796	0.5059	0.5054
70.00	0.9522	0.9327	0.9522	0.9327	0.5059	0.5070
75.00	0.9946	0.9675	0.9912	0.9770	0.5079	0.5087
80.00	1.0215	0.9893	1.0149	0.9964	0.5099	0.5103
85.00	1.0319	0.9975	1.0219	1.0022	0.5119	0.5120
90.00	1.0329	0.9984	1.0197	1.0003	0.5139	0.5136
95.00	1.0350	1.0000	1.0193	1.0000	0.5154	0.5152
102.11	1.0350	1.0000	1.0158	0.9972	0.5175	0.5175
112.15	1.0334	0.9988	1.0093	0.9918	0.5205	0.5205
122.11	1.0326	0.9981	1.0039	0.9875	0.5233	0.5233
132.12	1.0320	0.9976	0.9999	0.9842	0.5253	0.5253
142.12	1.0301	0.9961	0.9944	0.9796	0.5275	0.5275
152.12	1.0303	0.9963	0.9901	0.9761	0.5303	0.5303
162.13	1.0295	0.9956	0.9866	0.9733	0.5319	0.5319
172.17	1.0283	0.9946	0.9850	0.9719	0.5321	0.5321
182.12	1.0274	0.9940	0.9832	0.9704	0.5327	0.5327
192.12	1.0265	0.9931	0.9836	0.9707	0.5317	0.5317
202.83	1.0049	0.9758	0.9626	0.9533	0.5311	0.5311

M (NOMINAL)= 1.5

X= 415 MM T0=295.9 K DEL.995= 92.4 MM
RE/M=10.05*10^6 (MEASURED P) ME=1.003 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5201	0.5073
0.69	0.1455	0.1575	0.1455	0.1575	0.5201	0.5074
0.89	0.1436	0.1554	0.1436	0.1554	0.5201	0.5075
1.11	0.1466	0.1587	0.1466	0.1587	0.5201	0.5075
1.30	0.1356	0.1468	0.1356	0.1468	0.5201	0.5075
1.50	0.1551	0.1679	0.1551	0.1679	0.5201	0.5076
1.71	0.1549	0.1676	0.1549	0.1676	0.5201	0.5076
2.20	0.1456	0.1576	0.1456	0.1576	0.5201	0.5077
2.69	0.1734	0.1875	0.1734	0.1875	0.5201	0.5078
3.20	0.1792	0.1938	0.1792	0.1938	0.5201	0.5079
3.70	0.1693	0.1831	0.1693	0.1831	0.5201	0.5080
4.71	0.1741	0.1882	0.1741	0.1882	0.5201	0.5082
6.70	0.1612	0.1744	0.1612	0.1744	0.5201	0.5085
8.70	0.2041	0.2205	0.2041	0.2205	0.5201	0.5089
10.69	0.2094	0.2261	0.2094	0.2261	0.5201	0.5092
12.69	0.2207	0.2382	0.2207	0.2382	0.5201	0.5096
14.70	0.2296	0.2478	0.2296	0.2478	0.5201	0.5099
16.72	0.2516	0.2712	0.2516	0.2712	0.5201	0.5103
18.69	0.2622	0.2825	0.2622	0.2825	0.5201	0.5106
20.71	0.2893	0.3112	0.2893	0.3112	0.5201	0.5110
25.70	0.3256	0.3494	0.3256	0.3494	0.5201	0.5119
30.70	0.3968	0.4134	0.3968	0.4134	0.5201	0.5128
35.70	0.4597	0.4883	0.4597	0.4883	0.5201	0.5137
40.71	0.5236	0.5530	0.5236	0.5530	0.5201	0.5146
45.69	0.5817	0.6186	0.5817	0.6186	0.5201	0.5155
50.69	0.6401	0.6675	0.6401	0.6675	0.5201	0.5164
55.71	0.7370	0.7592	0.7370	0.7592	0.5201	0.5173
60.72	0.8092	0.8253	0.8092	0.8253	0.5201	0.5182
70.71	0.9257	0.9277	0.9255	0.9346	0.5202	0.5199
80.72	0.9845	0.9773	0.9826	0.9831	0.5212	0.5217
90.70	1.0056	0.9948	1.0005	0.9986	0.5232	0.5235
100.65	1.0106	0.9988	1.0022	0.9995	0.5252	0.5253
105.13	1.0120	1.0000	1.0028	1.0000	0.5257	0.5257
112.11	1.0103	0.9986	0.9980	0.9960	0.5275	0.5275
122.13	1.0094	0.9978	0.9946	0.9931	0.5291	0.5291
132.12	1.0092	0.9977	0.9937	0.9924	0.5295	0.5295
142.13	1.0081	0.9968	0.9896	0.9890	0.5313	0.5313
152.11	1.0051	0.9943	0.9847	0.9849	0.5325	0.5325
162.14	1.0055	0.9947	0.9822	0.9828	0.5343	0.5343
172.13	1.0047	0.9940	0.9801	0.9810	0.5351	0.5351
182.14	1.0030	0.9926	0.9783	0.9796	0.5351	0.5351
192.12	1.0017	0.9915	0.9775	0.9788	0.5348	0.5348
202.07	0.9855	0.9781	0.9633	0.9669	0.5335	0.5335

M (NOMINAL)= 1.5

X= 514 MM T0=296.2 K DEL.995= 95.5 MM
RE/M=10.12*10^6 (MEASURED P) ME=0.986 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5343	0.5283
0.69	0.1676	0.1849	0.1676	0.1849	0.5343	0.5284
0.89	0.1658	0.1829	0.1658	0.1829	0.5343	0.5284
1.10	0.1875	0.2068	0.1875	0.2068	0.5343	0.5284
1.29	0.1921	0.2117	0.1921	0.2117	0.5343	0.5284
1.49	0.1970	0.2171	0.1970	0.2171	0.5343	0.5284
1.71	0.1862	0.2054	0.1862	0.2054	0.5343	0.5284
2.20	0.1970	0.2171	0.1970	0.2171	0.5343	0.5285
2.69	0.1990	0.2193	0.1990	0.2193	0.5343	0.5285
3.20	0.2158	0.2377	0.2158	0.2377	0.5343	0.5285
3.69	0.2020	0.2227	0.2020	0.2227	0.5343	0.5286
4.71	0.2267	0.2496	0.2267	0.2496	0.5343	0.5286
6.69	0.2327	0.2561	0.2327	0.2561	0.5343	0.5288
8.69	0.2227	0.2452	0.2227	0.2452	0.5343	0.5289
10.70	0.2454	0.2699	0.2454	0.2699	0.5343	0.5291
12.69	0.2705	0.2972	0.2705	0.2972	0.5343	0.5292
14.69	0.2830	0.3106	0.2836	0.3106	0.5343	0.5294
16.69	0.2827	0.3103	0.2827	0.3103	0.5343	0.5295
18.70	0.3156	0.3458	0.3156	0.3458	0.5343	0.5297
20.70	0.3249	0.3557	0.3249	0.3557	0.5343	0.5298
25.71	0.3750	0.4101	0.3750	0.4101	0.5343	0.5302
30.72	0.4222	0.4590	0.4222	0.4590	0.5343	0.5305
35.71	0.4706	0.5096	0.4706	0.5096	0.5343	0.5309
40.72	0.5316	0.5723	0.5316	0.5723	0.5343	0.5312
45.70	0.5954	0.6366	0.5954	0.6366	0.5343	0.5316
50.69	0.6593	0.6998	0.6593	0.6998	0.5343	0.5320
55.70	0.7157	0.7543	0.7157	0.7543	0.5343	0.5323
60.69	0.7875	0.8219	0.7875	0.8219	0.5343	0.5327
70.71	0.8886	0.9138	0.8886	0.9138	0.5343	0.5334
80.75	0.9574	0.9739	0.9572	0.9757	0.5344	0.5341
90.69	0.9813	0.9943	0.9796	0.9949	0.5353	0.5348
100.62	0.9876	0.9997	0.9859	1.0002	0.5354	0.5355
104.62	0.9880	1.0000	0.9856	1.0000	0.5358	0.5358
112.12	0.9865	0.9987	0.9831	0.9979	0.5364	0.5364
122.12	0.9850	0.9982	0.9816	0.9966	0.5369	0.5369
132.14	0.9863	0.9986	0.9813	0.9963	0.5374	0.5374
142.14	0.9839	0.9966	0.9781	0.9936	0.5379	0.5379
152.11	0.9840	0.9966	0.9776	0.9931	0.5383	0.5383
162.11	0.9827	0.9955	0.9762	0.9920	0.5383	0.5383
172.13	0.9813	0.9943	0.9744	0.9905	0.5385	0.5385
182.17	0.9810	0.9940	0.9729	0.9891	0.5393	0.5393
192.11	0.9804	0.9935	0.9723	0.9886	0.5393	0.5393
202.04	0.9618	0.9777	0.9536	0.9726	0.5393	0.5393

Table [illegible] (continued)

M (NOMINAL)= 1.5

X= 612 MM T0=295.3 K DEL 995= 99.1 MM
RE/M= 9.97*10^6 (MEASURED P) ME=0.969 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5457	0.5457
0.69	0.2075	0.2323	0.2075	0.2323	0.5457	0.5457
0.89	0.2229	0.2494	0.2229	0.2494	0.5457	0.5457
1.11	0.2221	0.2486	0.2221	0.2486	0.5457	0.5457
1.30	0.2250	0.2518	0.2250	0.2518	0.5457	0.5457
1.49	0.2424	0.2711	0.2424	0.2711	0.5457	0.5457
1.69	0.2310	0.2584	0.2310	0.2584	0.5457	0.5457
2.19	0.2302	0.2576	0.2302	0.2576	0.5457	0.5457
2.69	0.2572	0.2874	0.2572	0.2874	0.5457	0.5457
3.19	0.2525	0.2822	0.2525	0.2822	0.5457	0.5457
3.69	0.2629	0.2936	0.2629	0.2936	0.5457	0.5457
4.69	0.2485	0.2778	0.2485	0.2778	0.5457	0.5457
6.69	0.2858	0.3188	0.2858	0.3188	0.5457	0.5457
8.69	0.2789	0.3112	0.2789	0.3112	0.5457	0.5457
10.70	0.2885	0.3218	0.2885	0.3218	0.5457	0.5457
12.72	0.3119	0.3475	0.3119	0.3475	0.5457	0.5457
14.70	0.3244	0.3611	0.3244	0.3611	0.5457	0.5457
16.69	0.3370	0.3748	0.3370	0.3748	0.5457	0.5457
18.70	0.3513	0.3903	0.3513	0.3903	0.5457	0.5457
20.69	0.3528	0.3920	0.3528	0.3920	0.5457	0.5457
25.70	0.4078	0.4513	0.4078	0.4513	0.5457	0.5457
30.70	0.4510	0.4972	0.4510	0.4972	0.5457	0.5457
35.70	0.5013	0.5501	0.5013	0.5501	0.5457	0.5457
40.72	0.5491	0.5998	0.5491	0.5998	0.5457	0.5457
45.69	0.5961	0.6478	0.5961	0.6478	0.5457	0.5457
50.72	0.6566	0.7086	0.6566	0.7086	0.5457	0.5457
55.70	0.7021	0.7534	0.7021	0.7534	0.5457	0.5457
60.69	0.7665	0.8155	0.7665	0.8155	0.5457	0.5457
70.70	0.8400	0.8852	0.8400	0.8852	0.5457	0.5457
80.70	0.9238	0.9603	0.9238	0.9603	0.5457	0.5457
90.69	0.9507	0.9840	0.9507	0.9840	0.5457	0.5457
100.67	0.9659	0.9973	0.9659	0.9973	0.5457	0.5457
112.12	0.9681	0.9992	0.9681	0.9992	0.5457	0.5457
116.12	0.9690	1.0000	0.9690	1.0000	0.5457	0.5457
122.11	0.9681	0.9992	0.9681	0.9992	0.5457	0.5457
132.12	0.9662	0.9975	0.9662	0.9975	0.5457	0.5457
142.14	0.9651	0.9966	0.9651	0.9966	0.5457	0.5457
152.14	0.9646	0.9962	0.9643	0.9959	0.5459	0.5459
162.11	0.9645	0.9961	0.9629	0.9947	0.5467	0.5467
172.12	0.9619	0.9938	0.9605	0.9924	0.5467	0.5467
182.12	0.9614	0.9934	0.9598	0.9928	0.5467	0.5467
192.11	0.9606	0.9927	0.9589	0.9912	0.5467	0.5467
202.09	0.9447	0.9787	0.9430	0.9773	0.5467	0.5467

M (NOMINAL)= 1.5

X= 710 MM T0=295.4 K DEL 995=103.7 MM
RE/M= 9.93*10^6 (MEASURED P) ME=0.953 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5552	0.5552
0.69	0.2683	0.3036	0.2683	0.3038	0.5552	0.5552
0.89	0.2461	0.2790	0.2461	0.2790	0.5552	0.5552
1.09	0.2583	0.2926	0.2583	0.2926	0.5552	0.5552
1.29	0.2763	0.3127	0.2763	0.3127	0.5552	0.5552
1.50	0.2760	0.3124	0.2760	0.3124	0.5552	0.5552
1.70	0.2780	0.3147	0.2780	0.3147	0.5552	0.5552
2.20	0.2889	0.3269	0.2889	0.3269	0.5552	0.5552
2.69	0.2827	0.3199	0.2827	0.3199	0.5552	0.5552
3.20	0.3066	0.3465	0.3066	0.3465	0.5552	0.5552
3.70	0.3140	0.3547	0.3140	0.3547	0.5552	0.5552
4.70	0.3162	0.3571	0.3162	0.3571	0.5552	0.5552
6.69	0.3225	0.3641	0.3225	0.3641	0.5552	0.5552
8.71	0.3294	0.3717	0.3294	0.3717	0.5552	0.5552
10.70	0.3370	0.3801	0.3370	0.3801	0.5552	0.5552
12.70	0.3511	0.3956	0.3511	0.3956	0.5552	0.5552
14.72	0.3532	0.3979	0.3532	0.3979	0.5552	0.5552
16.79	0.3759	0.4228	0.3759	0.4228	0.5552	0.5552
18.71	0.3912	0.4395	0.3912	0.4395	0.5552	0.5552
20.69	0.4036	0.4530	0.4036	0.4530	0.5552	0.5552
25.70	0.4335	0.4854	0.4335	0.4854	0.5552	0.5552
30.71	0.4710	0.5257	0.4710	0.5257	0.5552	0.5552
35.71	0.5207	0.5785	0.5207	0.5785	0.5552	0.5552
40.69	0.5666	0.6264	0.5666	0.6264	0.5552	0.5552
45.70	0.6095	0.6700	0.6095	0.6700	0.5552	0.5552
50.69	0.6574	0.7194	0.6574	0.7194	0.5552	0.5552
55.70	0.6978	0.7598	0.6978	0.7598	0.5552	0.5552
60.69	0.7472	0.8003	0.7472	0.8003	0.5552	0.5552
70.71	0.8412	0.8981	0.8412	0.8981	0.5552	0.5552
80.72	0.8938	0.9467	0.8938	0.9467	0.5552	0.5552
90.69	0.9316	0.9809	0.9316	0.9809	0.5552	0.5552
100.67	0.9474	0.9958	0.9474	0.9958	0.5552	0.5552
112.12	0.9521	0.9992	0.9521	0.9992	0.5552	0.5552
122.11	0.9538	1.0000	0.9538	1.0000	0.5552	0.5552
132.13	0.9517	0.9988	0.9517	0.9988	0.5552	0.5552
142.11	0.9509	0.9981	0.9509	0.9981	0.5552	0.5552
152.11	0.9499	0.9972	0.9499	0.9972	0.5552	0.5552
162.11	0.9486	0.9961	0.9486	0.9961	0.5552	0.5552
172.13	0.9481	0.9957	0.9481	0.9957	0.5552	0.5552
182.14	0.9463	0.9941	0.9463	0.9941	0.5552	0.5552
192.11	0.9462	0.9940	0.9462	0.9940	0.5552	0.5552
202.09	0.9321	0.9814	0.9321	0.9814	0.5552	0.5552

M (NOMINAL)= 1.5

X= 808 MM T0=295.3 K DEL 995=107.5 MM
RE/M= 9.84*10^6 (MEASURED P) ME=0.937 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5652	0.5652
0.69	0.2763	0.3173	0.2763	0.3173	0.5652	0.5652
0.90	0.2830	0.3248	0.2830	0.3248	0.5652	0.5652
1.09	0.2857	0.3279	0.2857	0.3279	0.5652	0.5652
1.30	0.2910	0.3339	0.2910	0.3339	0.5652	0.5652
1.49	0.3059	0.3507	0.3059	0.3507	0.5652	0.5652
1.70	0.2936	0.3368	0.2936	0.3368	0.5652	0.5652
2.19	0.3099	0.3552	0.3099	0.3552	0.5652	0.5652
2.69	0.3220	0.3688	0.3220	0.3688	0.5652	0.5652
3.19	0.3275	0.3749	0.3275	0.3749	0.5652	0.5652
3.71	0.3218	0.3685	0.3218	0.3685	0.5652	0.5652
4.69	0.3324	0.3805	0.3324	0.3805	0.5652	0.5652
6.72	0.3549	0.4056	0.3549	0.4056	0.5652	0.5652
8.71	0.3619	0.4133	0.3619	0.4133	0.5652	0.5652
10.69	0.3749	0.4278	0.3749	0.4278	0.5652	0.5652
12.70	0.3773	0.4305	0.3773	0.4305	0.5652	0.5652
14.70	0.3911	0.4458	0.3911	0.4458	0.5652	0.5652
16.69	0.4037	0.4597	0.4037	0.4597	0.5652	0.5652
18.70	0.4157	0.4730	0.4157	0.4730	0.5652	0.5652
20.71	0.4177	0.4751	0.4177	0.4751	0.5652	0.5652
25.70	0.4585	0.5197	0.4585	0.5197	0.5652	0.5652
30.70	0.4970	0.5614	0.4970	0.5614	0.5652	0.5652
35.70	0.5419	0.6094	0.5419	0.6094	0.5652	0.5652
40.71	0.5723	0.6416	0.5723	0.6416	0.5652	0.5652
45.70	0.6163	0.6875	0.6163	0.6875	0.5652	0.5652
50.69	0.6467	0.7189	0.6467	0.7189	0.5652	0.5652
55.72	0.6959	0.7689	0.6959	0.7689	0.5652	0.5652
60.70	0.7428	0.8157	0.7428	0.8157	0.5652	0.5652
70.69	0.8000	0.8793	0.8000	0.8793	0.5652	0.5652
80.70	0.8743	0.9422	0.8743	0.9422	0.5652	0.5652
90.69	0.9071	0.9727	0.9071	0.9727	0.5652	0.5652
100.67	0.9249	0.9890	0.9249	0.9890	0.5652	0.5652
112.11	0.9325	0.9959	0.9325	0.9959	0.5652	0.5652
122.13	0.9370	1.0000	0.9370	1.0000	0.5652	0.5652
132.12	0.9370	1.0000	0.9370	1.0000	0.5652	0.5652
142.13	0.9345	0.9977	0.9345	0.9977	0.5652	0.5652
152.11	0.9343	0.9975	0.9343	0.9975	0.5652	0.5652
162.12	0.9336	0.9969	0.9336	0.9969	0.5652	0.5652
172.11	0.9313	0.9948	0.9313	0.9948	0.5652	0.5652
182.12	0.9308	0.9944	0.9308	0.9944	0.5652	0.5652
192.11	0.9288	0.9925	0.9288	0.9925	0.5652	0.5652
202.09	0.9006	0.9667	0.9006	0.9667	0.5652	0.5652

M (NOMINAL)= 1.5

X= 906 MM T0=295.0 K DEL 995=111.0 MM
RE/M= 9.76*10^6 (MEASURED P) ME=0.919 (MEASURED P)

Y (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5755	0.5755
0.69	0.2827	0.3299	0.2827	0.3299	0.5755	0.5755
0.90	0.2967	0.3460	0.2967	0.3460	0.5755	0.5755
1.09	0.3005	0.3504	0.3005	0.3504	0.5755	0.5755
1.31	0.3093	0.3605	0.3093	0.3605	0.5755	0.5755
1.51	0.3172	0.3695	0.3172	0.3695	0.5755	0.5755
1.71	0.3249	0.3782	0.3249	0.3782	0.5755	0.5755
2.19	0.3296	0.3837	0.3296	0.3837	0.5755	0.5755
2.69	0.3416	0.3973	0.3416	0.3973	0.5755	0.5755
3.19	0.3498	0.4057	0.3498	0.4057	0.5755	0.5755
3.70	0.3581	0.4160	0.3581	0.4160	0.5755	0.5755
4.69	0.3708	0.4304	0.3708	0.4304	0.5755	0.5755
6.69	0.3755	0.4357	0.3755	0.4357	0.5755	0.5755
8.69	0.3857	0.4472	0.3857	0.4472	0.5755	0.5755
10.69	0.3913	0.4535	0.3913	0.4535	0.5755	0.5755
12.69	0.4035	0.4672	0.4035	0.4672	0.5755	0.5755
14.70	0.4125	0.4773	0.4125	0.4773	0.5755	0.5755
16.69	0.4215	0.4872	0.4215	0.4872	0.5755	0.5755
18.69	0.4408	0.5088	0.4408	0.5088	0.5755	0.5755
20.70	0.4544	0.5238	0.4544	0.5238	0.5755	0.5755
25.69	0.4787	0.5507	0.4787	0.5507	0.5755	0.5755
30.69	0.5120	0.5871	0.5120	0.5871	0.5755	0.5755
35.70	0.5419	0.6196	0.5419	0.6196	0.5755	0.5755
40.69	0.5747	0.6549	0.5747	0.6549	0.5755	0.5755
45.70	0.6199	0.7027	0.6199	0.7027	0.5755	0.5755
50.71	0.6476	0.7318	0.6476	0.7318	0.5755	0.5755
55.72	0.6815	0.7670	0.6815	0.7670	0.5755	0.5755
60.70	0.7065	0.7926	0.7065	0.7926	0.5755	0.5755
70.70	0.7915	0.8778	0.7915	0.8778	0.5755	0.5755
80.69	0.8436	0.9206	0.8436	0.9206	0.5755	0.5755
90.71	0.8872	0.9702	0.8872	0.9702	0.5755	0.5755
100.62	0.9073	0.9891	0.9073	0.9891	0.5755	0.5755
112.11	0.9165	0.9977	0.9165	0.9977	0.5755	0.5755
118.11	0.9190	1.0000	0.9190	1.0000	0.5755	0.5755
122.12	0.9159	0.9971	0.9159	0.9971	0.5755	0.5755
132.11	0.9196	1.0006	0.9196	1.0006	0.5755	0.5755
142.11	0.9181	0.9991	0.9181	0.9991	0.5755	0.5755
152.13	0.9168	0.9979	0.9168	0.9979	0.5755	0.5755
162.12	0.9156	0.9968	0.9156	0.9968	0.5755	0.5755
172.12	0.9153	0.9966	0.9153	0.9966	0.5755	0.5755
182.11	0.9147	0.9960	0.9147	0.9960	0.5755	0.5755
192.15	0.9126	0.9940	0.9126	0.9940	0.5755	0.5755
202.04	0.8838	0.9670	0.8838	0.9670	0.5755	0.5755

Table 2 (continued)

M (NOMINAL)= 1.5

X= 1004 MM T0=295.0 K DEL 995=114.6 MM
RE/M= 9.70*10^6 (MEASURED P) ME=0.986 (MEASURED P)

V (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5830	0.5830
0.69	0.3118	0.3678	0.3118	0.3678	0.5830	0.5830
0.90	0.3250	0.3839	0.3250	0.3839	0.5830	0.5830
1.10	0.3318	0.3900	0.3318	0.3900	0.5830	0.5830
1.29	0.3360	0.3966	0.3360	0.3966	0.5830	0.5830
1.51	0.3417	0.4023	0.3417	0.4023	0.5830	0.5830
1.69	0.3567	0.4195	0.3567	0.4195	0.5830	0.5830
2.19	0.3670	0.4313	0.3670	0.4313	0.5830	0.5830
2.69	0.3600	0.4241	0.3600	0.4241	0.5830	0.5830
3.21	0.3703	0.4350	0.3703	0.4350	0.5830	0.5830
3.69	0.3969	0.4654	0.3969	0.4654	0.5830	0.5830
4.72	0.3855	0.4524	0.3855	0.4524	0.5830	0.5830
6.72	0.4049	0.4745	0.4049	0.4745	0.5830	0.5830
8.72	0.4130	0.4836	0.4130	0.4836	0.5830	0.5830
10.69	0.4382	0.5122	0.4382	0.5122	0.5830	0.5830
12.70	0.4286	0.5013	0.4286	0.5013	0.5830	0.5830
14.70	0.4322	0.5053	0.4322	0.5053	0.5830	0.5830
16.69	0.4471	0.5221	0.4471	0.5221	0.5830	0.5830
18.71	0.4533	0.5290	0.4533	0.5290	0.5830	0.5830
20.69	0.4706	0.5404	0.4706	0.5404	0.5830	0.5830
25.69	0.4954	0.5760	0.4954	0.5760	0.5830	0.5830
30.69	0.5276	0.6115	0.5276	0.6115	0.5830	0.5830
35.70	0.5491	0.6351	0.5491	0.6351	0.5830	0.5830
40.73	0.5816	0.6703	0.5816	0.6703	0.5830	0.5830
45.69	0.6222	0.7139	0.6222	0.7139	0.5830	0.5830
50.71	0.6450	0.7380	0.6450	0.7380	0.5830	0.5830
55.69	0.6840	0.7797	0.6840	0.7797	0.5830	0.5830
60.70	0.7166	0.8127	0.7166	0.8127	0.5830	0.5830
70.70	0.7736	0.8707	0.7736	0.8707	0.5830	0.5830
80.69	0.8267	0.9235	0.8267	0.9235	0.5830	0.5830
90.71	0.8657	0.9614	0.8657	0.9614	0.5830	0.5830
100.67	0.8918	0.9865	0.8918	0.9865	0.5830	0.5830
112.11	0.9023	0.9965	0.9023	0.9965	0.5830	0.5830
122.11	0.9050	0.9998	0.9050	0.9998	0.5830	0.5830
127.11	0.9060	1.0000	0.9060	1.0000	0.5830	0.5830
132.11	0.9055	0.9996	0.9055	0.9996	0.5830	0.5830
142.15	0.9060	1.0000	0.9060	1.0000	0.5830	0.5830
152.13	0.9055	0.9996	0.9055	0.9996	0.5830	0.5830
162.12	0.9046	0.9986	0.9046	0.9986	0.5830	0.5830
172.12	0.9035	0.9976	0.9035	0.9976	0.5830	0.5830
182.11	0.9021	0.9963	0.9021	0.9963	0.5830	0.5830
192.13	0.8956	0.9981	0.8956	0.9981	0.5830	0.5830
202.09	0.8721	0.9676	0.8721	0.9676	0.5830	0.5830

M (NOMINAL)= 1.5

X= 1146 MM T0=296.6 K DEL 995=120.9 MM
RE/M= 9.40*10^6 (MEASURED P) ME=0.892 (MEASURED P)

V (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5985	0.5985
0.66	0.3655	0.4353	0.3655	0.4353	0.5985	0.5985
0.87	0.3663	0.4362	0.3663	0.4362	0.5985	0.5985
1.06	0.3740	0.4452	0.3740	0.4452	0.5985	0.5985
1.26	0.3757	0.4472	0.3757	0.4472	0.5985	0.5985
1.50	0.3918	0.4658	0.3918	0.4658	0.5985	0.5985
1.66	0.3889	0.4625	0.3889	0.4625	0.5985	0.5985
2.16	0.3960	0.4707	0.3960	0.4707	0.5985	0.5985
2.66	0.4023	0.4779	0.4023	0.4779	0.5985	0.5985
3.17	0.4045	0.4805	0.4045	0.4805	0.5985	0.5985
3.70	0.4181	0.4960	0.4181	0.4960	0.5985	0.5985
4.67	0.4291	0.5086	0.4291	0.5086	0.5985	0.5985
6.66	0.4359	0.5164	0.4359	0.5164	0.5985	0.5985
8.66	0.4393	0.5203	0.4393	0.5203	0.5985	0.5985
10.66	0.4505	0.5330	0.4505	0.5330	0.5985	0.5985
12.66	0.4671	0.5518	0.4671	0.5518	0.5985	0.5985
14.67	0.4759	0.5618	0.4759	0.5618	0.5985	0.5985
16.66	0.4765	0.5625	0.4765	0.5625	0.5985	0.5985
18.67	0.4873	0.5747	0.4873	0.5747	0.5985	0.5985
20.67	0.5028	0.5921	0.5028	0.5921	0.5985	0.5985
25.66	0.5197	0.6110	0.5197	0.6110	0.5985	0.5985
30.67	0.5409	0.6346	0.5409	0.6346	0.5985	0.5985
35.70	0.5586	0.6541	0.5586	0.6541	0.5985	0.5985
40.67	0.5932	0.6920	0.5932	0.6920	0.5985	0.5985
45.70	0.6195	0.7206	0.6195	0.7206	0.5985	0.5985
50.77	0.6444	0.7473	0.6444	0.7473	0.5985	0.5985
55.71	0.6718	0.7758	0.6718	0.7758	0.5985	0.5985
60.67	0.6864	0.7920	0.6864	0.7920	0.5985	0.5985
70.67	0.7477	0.8559	0.7477	0.8559	0.5985	0.5985
80.76	0.8005	0.9056	0.8005	0.9056	0.5985	0.5985
90.71	0.8378	0.9469	0.8378	0.9469	0.5985	0.5985
100.65	0.8566	0.9655	0.8566	0.9655	0.5985	0.5985
112.43	0.8817	0.9900	0.8817	0.9900	0.5985	0.5985
122.44	0.8891	0.9971	0.8891	0.9971	0.5985	0.5985
132.44	0.8905	0.9985	0.8905	0.9985	0.5985	0.5985
142.44	0.8920	1.0000	0.8920	1.0000	0.5985	0.5985
152.54	0.8920	1.0000	0.8920	1.0000	0.5985	0.5985
162.44	0.8906	0.9986	0.8906	0.9986	0.5985	0.5985
172.44	0.8887	0.9968	0.8887	0.9968	0.5985	0.5985
182.53	0.8891	0.9972	0.8891	0.9972	0.5985	0.5985
192.48	0.8820	0.9903	0.8820	0.9903	0.5985	0.5985
202.42	0.8557	0.9646	0.8557	0.9646	0.5985	0.5985

M (NOMINAL)= 1.5

X= 1240 MM T0=299.7 K DEL 995=123.4 MM
RE/M= 9.39*10^6 (MEASURED P) ME=0.885 (MEASURED P)

V (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.5956	0.5956
0.66	0.3706	0.4443	0.3706	0.4443	0.5956	0.5956
0.87	0.3848	0.4608	0.3848	0.4608	0.5956	0.5956
1.07	0.4059	0.4853	0.4059	0.4853	0.5956	0.5956
1.26	0.3955	0.4733	0.3955	0.4733	0.5956	0.5956
1.46	0.4086	0.4885	0.4086	0.4885	0.5956	0.5956
1.66	0.4095	0.4895	0.4095	0.4895	0.5956	0.5956
2.16	0.4152	0.4961	0.4152	0.4961	0.5956	0.5956
2.67	0.4313	0.5147	0.4313	0.5147	0.5956	0.5956
3.16	0.4339	0.5176	0.4339	0.5176	0.5956	0.5956
3.67	0.4345	0.5184	0.4345	0.5184	0.5956	0.5956
4.67	0.4412	0.5260	0.4412	0.5260	0.5956	0.5956
6.66	0.4544	0.5411	0.4544	0.5411	0.5956	0.5956
8.66	0.4667	0.5552	0.4667	0.5552	0.5956	0.5956
10.67	0.4692	0.5581	0.4692	0.5581	0.5956	0.5956
12.66	0.4883	0.5797	0.4883	0.5797	0.5956	0.5956
14.70	0.4945	0.5868	0.4945	0.5868	0.5956	0.5956
16.67	0.4982	0.5909	0.4982	0.5909	0.5956	0.5956
18.66	0.5067	0.6005	0.5067	0.6005	0.5956	0.5956
20.65	0.5215	0.6172	0.5215	0.6172	0.5956	0.5956
25.67	0.5319	0.6288	0.5319	0.6288	0.5956	0.5956
30.66	0.5577	0.6576	0.5577	0.6576	0.5956	0.5956
35.65	0.5830	0.6856	0.5830	0.6856	0.5956	0.5956
40.65	0.6032	0.7077	0.6032	0.7077	0.5956	0.5956
45.67	0.6335	0.7407	0.6335	0.7407	0.5956	0.5956
50.66	0.6547	0.7636	0.6547	0.7636	0.5956	0.5956
55.74	0.6728	0.7829	0.6728	0.7829	0.5956	0.5956
60.66	0.6950	0.8065	0.6950	0.8065	0.5956	0.5956
70.67	0.7476	0.8616	0.7476	0.8616	0.5956	0.5956
80.66	0.7884	0.9036	0.7884	0.9036	0.5956	0.5956
90.67	0.8213	0.9368	0.8213	0.9368	0.5956	0.5956
101.43	0.8561	0.9715	0.8561	0.9715	0.5956	0.5956
111.44	0.8686	0.9839	0.8686	0.9839	0.5956	0.5956
121.42	0.8825	0.9976	0.8825	0.9976	0.5956	0.5956
131.43	0.8852	1.0002	0.8852	1.0002	0.5956	0.5956
136.42	0.8850	1.0000	0.8850	1.0000	0.5956	0.5956
141.42	0.8846	0.9996	0.8846	0.9996	0.5956	0.5956
151.43	0.8827	0.9977	0.8827	0.9977	0.5956	0.5956
161.43	0.8820	0.9971	0.8820	0.9971	0.5956	0.5956
171.44	0.8825	0.9976	0.8825	0.9976	0.5956	0.5956
181.43	0.8806	0.9957	0.8806	0.9957	0.5956	0.5956
191.44	0.8674	0.9827	0.8674	0.9827	0.5956	0.5956

M (NOMINAL)= 1.5

X= 1534 MM T0=296.6 K DEL 995=134.4 MM
RE/M= 9.39*10^6 (MEASURED P) ME=0.859 (MEASURED P)

V (MM)	CONST PW M	CONST PW U/UE	MEASURED P M	MEASURED P U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6093	0.6093
0.66	0.3996	0.4906	0.3996	0.4906	0.6093	0.6093
0.86	0.4020	0.4934	0.4020	0.4934	0.6093	0.6093
1.06	0.4170	0.5113	0.4170	0.5113	0.6093	0.6093
1.30	0.4231	0.5185	0.4231	0.5185	0.6093	0.6093
1.47	0.4260	0.5218	0.4260	0.5218	0.6093	0.6093
1.66	0.4284	0.5247	0.4284	0.5247	0.6093	0.6093
2.16	0.4488	0.5488	0.4488	0.5488	0.6093	0.6093
2.66	0.4517	0.5522	0.4517	0.5522	0.6093	0.6093
3.21	0.4551	0.5561	0.4551	0.5561	0.6093	0.6093
3.66	0.4560	0.5571	0.4560	0.5571	0.6093	0.6093
4.67	0.4746	0.5790	0.4746	0.5790	0.6093	0.6093
6.67	0.4898	0.5967	0.4898	0.5967	0.6093	0.6093
8.66	0.4939	0.6015	0.4939	0.6015	0.6093	0.6093
10.66	0.5118	0.6222	0.5118	0.6222	0.6093	0.6093
12.66	0.5171	0.6283	0.5171	0.6283	0.6093	0.6093
14.77	0.5148	0.6256	0.5148	0.6256	0.6093	0.6093
16.67	0.5267	0.6394	0.5267	0.6394	0.6093	0.6093
18.66	0.5312	0.6445	0.5312	0.6445	0.6093	0.6093
20.67	0.5458	0.6612	0.5458	0.6612	0.6093	0.6093
25.67	0.5491	0.6650	0.5491	0.6650	0.6093	0.6093
30.71	0.5648	0.6829	0.5648	0.6829	0.6093	0.6093
35.66	0.5859	0.7068	0.5859	0.7068	0.6093	0.6093
40.66	0.6046	0.7278	0.6046	0.7278	0.6093	0.6093
45.66	0.6121	0.7363	0.6121	0.7363	0.6093	0.6093
50.67	0.6366	0.7636	0.6366	0.7636	0.6093	0.6093
55.66	0.6533	0.7820	0.6533	0.7820	0.6093	0.6093
60.66	0.6720	0.8026	0.6720	0.8026	0.6093	0.6093
70.70	0.6998	0.8329	0.6998	0.8329	0.6093	0.6093
80.66	0.7405	0.8766	0.7405	0.8766	0.6093	0.6093
90.71	0.7783	0.9166	0.7783	0.9166	0.6093	0.6093
100.57	0.8033	0.9427	0.8033	0.9427	0.6093	0.6093
112.43	0.8295	0.9699	0.8295	0.9699	0.6093	0.6093
122.44	0.8458	0.9865	0.8458	0.9865	0.6093	0.6093
132.48	0.8537	0.9946	0.8537	0.9946	0.6093	0.6093
142.43	0.8563	0.9972	0.8563	0.9972	0.6093	0.6093
152.44	0.8595	1.0005	0.8595	1.0005	0.6093	0.6093
162.43	0.8590	1.0000	0.8590	1.0000	0.6093	0.6093
182.43	0.8585	0.9995	0.8585	0.9995	0.6093	0.6093
192.48	0.8554	0.9963	0.8554	0.9963	0.6093	0.6093
202.34	0.8306	0.9710	0.8306	0.9710	0.6093	0.6093

Table 2 (concluded)

M (NOMINAL)= 1.5

X= 1925 MM T0=296.9 K DEL.995=146.1 MM
RE/M= 9.26*10^6 (MEASURED P) ME=0.836 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6227	0.6227
0.66	0.4006	0.5133	0.4006	0.5133	0.6227	0.6227
0.87	0.4020	0.5053	0.4020	0.5053	0.6227	0.6227
1.07	0.4152	0.5213	0.4152	0.5213	0.6227	0.6227
1.33	0.4244	0.5324	0.4244	0.5324	0.6227	0.6227
1.51	0.4308	0.5402	0.4308	0.5402	0.6227	0.6227
1.69	0.4414	0.5530	0.4414	0.5530	0.6227	0.6227
2.16	0.4530	0.5670	0.4530	0.5670	0.6227	0.6227
2.67	0.4682	0.5853	0.4682	0.5853	0.6227	0.6227
3.16	0.4739	0.5921	0.4739	0.5921	0.6227	0.6227
3.66	0.4769	0.5957	0.4769	0.5957	0.6227	0.6227
4.71	0.4899	0.6111	0.4899	0.6111	0.6227	0.6227
6.66	0.5019	0.6254	0.5019	0.6254	0.6227	0.6227
8.72	0.5140	0.6397	0.5140	0.6397	0.6227	0.6227
10.67	0.5258	0.6537	0.5258	0.6537	0.6227	0.6227
12.67	0.5303	0.6589	0.5303	0.6589	0.6227	0.6227
14.66	0.5394	0.6696	0.5394	0.6696	0.6227	0.6227
16.66	0.5486	0.6804	0.5486	0.6804	0.6227	0.6227
18.70	0.5518	0.6841	0.5518	0.6841	0.6227	0.6227
20.66	0.5586	0.6927	0.5586	0.6927	0.6227	0.6227
25.67	0.5671	0.7020	0.5671	0.7020	0.6227	0.6227
30.67	0.5739	0.7099	0.5739	0.7099	0.6227	0.6227
35.71	0.5913	0.7300	0.5913	0.7300	0.6227	0.6227
40.66	0.6099	0.7514	0.6099	0.7514	0.6227	0.6227
45.67	0.6169	0.7594	0.6169	0.7594	0.6227	0.6227
50.67	0.6249	0.7686	0.6249	0.7686	0.6227	0.6227
55.67	0.6325	0.7772	0.6325	0.7772	0.6227	0.6227
60.71	0.6493	0.7963	0.6493	0.7963	0.6227	0.6227
70.67	0.6904	0.8424	0.6904	0.8424	0.6227	0.6227
80.70	0.7171	0.8720	0.7171	0.8720	0.6227	0.6227
90.74	0.7363	0.8932	0.7363	0.8932	0.6227	0.6227
100.60	0.7668	0.9263	0.7668	0.9263	0.6227	0.6227
112.44	0.7904	0.9516	0.7904	0.9516	0.6227	0.6227
122.43	0.8062	0.9685	0.8062	0.9685	0.6227	0.6227
132.44	0.8220	0.9852	0.8220	0.9852	0.6227	0.6227
142.43	0.8282	0.9918	0.8282	0.9918	0.6227	0.6227
152.44	0.8342	0.9981	0.8342	0.9981	0.6227	0.6227
162.48	0.8337	0.9976	0.8337	0.9976	0.6227	0.6227
172.44	0.8360	1.0000	0.8360	1.0000	0.6227	0.6227
182.47	0.8352	0.9991	0.8352	0.9991	0.6227	0.6227
192.51	0.8187	0.9818	0.8187	0.9818	0.6227	0.6227
202.37	0.7996	0.9615	0.7996	0.9615	0.6227	0.6227

M (NOMINAL)= 1.5

X= 2317 MM T0=296.1 K DEL.995=154.6 MM
RE/M= 9.13*10^6 (MEASURED P) ME=0.817 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6313	0.6313
0.66	0.4236	0.5424	0.4236	0.5424	0.6313	0.6313
0.86	0.4182	0.5357	0.4182	0.5357	0.6313	0.6313
1.07	0.4279	0.5476	0.4279	0.5476	0.6313	0.6313
1.27	0.4356	0.5572	0.4356	0.5572	0.6313	0.6313
1.47	0.4444	0.5681	0.4444	0.5681	0.6313	0.6313
1.67	0.4553	0.5814	0.4553	0.5814	0.6313	0.6313
2.17	0.4614	0.5888	0.4614	0.5888	0.6313	0.6313
2.67	0.4779	0.6090	0.4779	0.6090	0.6313	0.6313
3.17	0.4949	0.6175	0.4949	0.6175	0.6313	0.6313
3.66	0.4989	0.6248	0.4989	0.6248	0.6313	0.6313
4.67	0.5038	0.6404	0.5038	0.6404	0.6313	0.6313
6.67	0.5213	0.6616	0.5213	0.6616	0.6313	0.6313
8.67	0.5326	0.6752	0.5326	0.6752	0.6313	0.6313
10.66	0.5377	0.6813	0.5377	0.6813	0.6313	0.6313
12.66	0.5468	0.6922	0.5468	0.6922	0.6313	0.6313
14.66	0.5539	0.7007	0.5539	0.7007	0.6313	0.6313
16.67	0.5599	0.7078	0.5599	0.7078	0.6313	0.6313
18.66	0.5651	0.7140	0.5651	0.7140	0.6313	0.6313
20.66	0.5727	0.7230	0.5727	0.7230	0.6313	0.6313
25.66	0.5845	0.7369	0.5845	0.7369	0.6313	0.6313
30.66	0.6009	0.7562	0.6009	0.7562	0.6313	0.6313
35.66	0.6029	0.7585	0.6029	0.7585	0.6313	0.6313
40.66	0.6066	0.7629	0.6066	0.7629	0.6313	0.6313
45.66	0.6179	0.7761	0.6179	0.7761	0.6313	0.6313
50.67	0.6315	0.7920	0.6315	0.7920	0.6313	0.6313
55.66	0.6376	0.7990	0.6376	0.7990	0.6313	0.6313
60.67	0.6446	0.8071	0.6446	0.8071	0.6313	0.6313
70.66	0.6708	0.8373	0.6708	0.8373	0.6313	0.6313
80.66	0.6999	0.8704	0.6999	0.8704	0.6313	0.6313
90.66	0.7146	0.8870	0.7146	0.8870	0.6313	0.6313
100.62	0.7322	0.9068	0.7322	0.9068	0.6313	0.6313
112.43	0.7601	0.9378	0.7601	0.9378	0.6313	0.6313
122.43	0.7816	0.9615	0.7816	0.9615	0.6313	0.6313
132.43	0.7895	0.9702	0.7895	0.9702	0.6313	0.6313
142.43	0.8012	0.9828	0.8012	0.9828	0.6313	0.6313
152.44	0.8127	0.9953	0.8127	0.9953	0.6313	0.6313
162.44	0.8156	0.9985	0.8156	0.9985	0.6313	0.6313
172.43	0.8170	1.0000	0.8170	1.0000	0.6313	0.6313
182.43	0.8098	0.9922	0.8098	0.9922	0.6313	0.6313
192.43	0.7998	0.9814	0.7998	0.9814	0.6313	0.6313
202.39	0.7831	0.9631	0.7831	0.9631	0.6313	0.6313

M (NOMINAL)= 1.5

X= 2708 MM T0=300.6 K DEL.995=162.8 MM
RE/M= 8.62*10^6 (MEASURED P) ME=0.792 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6392	0.6392
0.66	0.4222	0.5557	0.4222	0.5557	0.6392	0.6392
0.86	0.4312	0.5671	0.4312	0.5671	0.6392	0.6392
1.06	0.4308	0.5667	0.4308	0.5667	0.6392	0.6392
1.27	0.4441	0.5834	0.4441	0.5834	0.6392	0.6392
1.47	0.4464	0.5863	0.4464	0.5863	0.6392	0.6392
1.67	0.4613	0.6051	0.4613	0.6051	0.6392	0.6392
2.16	0.4705	0.6167	0.4705	0.6167	0.6392	0.6392
2.66	0.4754	0.6228	0.4754	0.6228	0.6392	0.6392
3.16	0.4938	0.6459	0.4938	0.6459	0.6392	0.6392
3.66	0.5004	0.6541	0.5004	0.6541	0.6392	0.6392
4.65	0.5078	0.6632	0.5078	0.6632	0.6392	0.6392
6.65	0.5178	0.6757	0.5178	0.6757	0.6392	0.6392
8.66	0.5302	0.6910	0.5302	0.6910	0.6392	0.6392
10.66	0.5381	0.7007	0.5381	0.7007	0.6392	0.6392
12.66	0.5412	0.7045	0.5412	0.7045	0.6392	0.6392
14.66	0.5556	0.7222	0.5556	0.7222	0.6392	0.6392
16.66	0.5614	0.7294	0.5614	0.7294	0.6392	0.6392
18.66	0.5674	0.7367	0.5674	0.7367	0.6392	0.6392
20.66	0.5674	0.7367	0.5674	0.7367	0.6392	0.6392
25.67	0.5845	0.7575	0.5845	0.7575	0.6392	0.6392
30.66	0.5865	0.7599	0.5865	0.7599	0.6392	0.6392
35.66	0.5980	0.7738	0.5980	0.7738	0.6392	0.6392
40.66	0.6052	0.7825	0.6052	0.7825	0.6392	0.6392
45.66	0.6163	0.7959	0.6163	0.7959	0.6392	0.6392
50.65	0.6262	0.8077	0.6262	0.8077	0.6392	0.6392
55.66	0.6242	0.8053	0.6242	0.8053	0.6392	0.6392
60.66	0.6461	0.8314	0.6461	0.8314	0.6392	0.6392
70.66	0.6582	0.8458	0.6582	0.8458	0.6392	0.6392
80.67	0.6745	0.8650	0.6745	0.8650	0.6392	0.6392
90.67	0.6934	0.8871	0.6934	0.8871	0.6392	0.6392
100.65	0.7065	0.9024	0.7065	0.9024	0.6392	0.6392
111.43	0.7349	0.9352	0.7349	0.9352	0.6392	0.6392
121.43	0.7495	0.9519	0.7495	0.9519	0.6392	0.6392
131.43	0.7613	0.9654	0.7613	0.9654	0.6392	0.6392
141.43	0.7752	0.9811	0.7752	0.9811	0.6392	0.6392
151.42	0.7837	0.9906	0.7837	0.9906	0.6392	0.6392
161.43	0.7893	0.9970	0.7893	0.9970	0.6392	0.6392
171.43	0.7920	1.0000	0.7920	1.0000	0.6392	0.6392
181.44	0.7857	0.9929	0.7857	0.9929	0.6392	0.6392
191.44	0.7773	0.9835	0.7773	0.9835	0.6392	0.6392
201.42	0.7686	0.9736	0.7686	0.9736	0.6392	0.6392

M (NOMINAL)= 1.5

X= 2904 MM T0=295.0 K DEL.995=161.4 MM
RE/M= 8.80*10^6 (MEASURED P) ME=0.781 (MEASURED P)

	CONST PW		MEASURED P			
Y (MM)	M	U/UE	M	U/UE	P/PTO	PI/PTO
0.00	0.0000	0.0000	0.0000	0.0000	0.6433	0.6433
0.66	0.4249	0.5661	0.4249	0.5661	0.6433	0.6433
0.87	0.4209	0.5610	0.4209	0.5610	0.6433	0.6433
1.07	0.4345	0.5784	0.4345	0.5784	0.6433	0.6433
1.25	0.4406	0.5863	0.4406	0.5863	0.6433	0.6433
1.46	0.4532	0.6024	0.4532	0.6024	0.6433	0.6433
1.67	0.4536	0.6029	0.4536	0.6029	0.6433	0.6433
2.17	0.4714	0.6256	0.4714	0.6256	0.6433	0.6433
2.67	0.4814	0.6383	0.4814	0.6383	0.6433	0.6433
3.16	0.4927	0.6526	0.4927	0.6526	0.6433	0.6433
3.66	0.4918	0.6514	0.4918	0.6514	0.6433	0.6433
4.67	0.5059	0.6692	0.5059	0.6692	0.6433	0.6433
6.66	0.5256	0.6940	0.5256	0.6940	0.6433	0.6433
8.66	0.5309	0.7006	0.5309	0.7006	0.6433	0.6433
10.67	0.5467	0.7203	0.5467	0.7203	0.6433	0.6433
12.66	0.5506	0.7251	0.5506	0.7251	0.6433	0.6433
14.67	0.5604	0.7372	0.5604	0.7372	0.6433	0.6433
16.67	0.5663	0.7445	0.5663	0.7445	0.6433	0.6433
18.66	0.5689	0.7477	0.5689	0.7477	0.6433	0.6433
20.66	0.5740	0.7541	0.5740	0.7541	0.6433	0.6433
25.67	0.5851	0.7677	0.5851	0.7677	0.6433	0.6433
30.67	0.5909	0.7748	0.5909	0.7748	0.6433	0.6433
35.67	0.6000	0.7859	0.6000	0.7859	0.6433	0.6433
40.66	0.6067	0.7941	0.6067	0.7941	0.6433	0.6433
45.66	0.6118	0.8004	0.6118	0.8004	0.6433	0.6433
50.67	0.6260	0.8175	0.6260	0.8175	0.6433	0.6433
55.66	0.6264	0.8180	0.6264	0.8180	0.6433	0.6433
60.66	0.6363	0.8301	0.6363	0.8301	0.6433	0.6433
70.67	0.6631	0.8622	0.6631	0.8622	0.6433	0.6433
80.66	0.6694	0.8697	0.6694	0.8697	0.6433	0.6433
90.66	0.6871	0.8908	0.6871	0.8908	0.6433	0.6433
100.64	0.7058	0.9128	0.7058	0.9128	0.6433	0.6433
112.44	0.7277	0.9384	0.7277	0.9384	0.6433	0.6433
122.43	0.7441	0.9576	0.7441	0.9576	0.6433	0.6433
132.44	0.7487	0.9628	0.7487	0.9628	0.6433	0.6433
142.43	0.7669	0.9838	0.7669	0.9838	0.6433	0.6433
152.44	0.7715	0.9892	0.7715	0.9892	0.6433	0.6433
162.43	0.7804	0.9993	0.7804	0.9993	0.6433	0.6433
172.44	0.7810	1.0000	0.7810	1.0000	0.6433	0.6433
182.43	0.7779	0.9964	0.7779	0.9964	0.6433	0.6433
192.43	0.7712	0.9887	0.7712	0.9887	0.6433	0.6433
202.41	0.7696	0.9869	0.7696	0.9869	0.6433	0.6433

82099

Table 3

SUMMARY OF BOUNDARY-LAYER PARAMETERS

$M_0 = 1.270 \quad Re/m = 3.66 \times 10^6$

CONSTANT PW

X MM	DEL 995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3
-675.0	35.7	3.66	1.291	6.573	3.156	2.082	1.312	9.228	5.66	2.127	2.169
-481.0	38.3	3.67	1.270	7.404	3.560	2.080	1.329	8.678	6.35	1.992	2.041
-479.0	38.3	3.64	1.267	7.286	3.507	2.078	1.330	8.844	6.25	1.998	2.053
-285.0	40.0	3.67	1.261	7.708	3.739	2.061	1.323	8.635	6.68	2.065	2.111
-187.0	40.7	3.67	1.268	7.841	3.812	2.057	1.313	8.620	6.82	2.099	2.136
-162.0	41.4	3.66	1.270	7.955	3.863	2.059	1.313	8.657	6.91	2.066	2.110
-138.0	40.1	3.67	1.265	8.010	3.888	2.060	1.318	8.254	6.95	2.054	2.089
-115.0	41.3	3.61	1.258	8.327	4.040	2.061	1.327	8.162	7.20	1.996	2.030
-89.0	42.8	3.60	1.215	8.979	4.370	2.055	1.366	7.739	7.70	1.739	1.806
-66.0	44.8	3.59	1.178	9.877	4.760	2.075	1.408	7.337	8.31	1.536	1.602
-41.0	45.3	3.60	1.141	11.224	5.299	2.118	1.476	6.430	9.11	1.344,	1.366
-15.0	48.9	3.58	1.100	12.910	5.944	2.172	1.554	6.055	10.06	1.106	1.160
6.0	50.9	3.56	1.070	14.304	6.382	2.241	1.630	5.734	10.67	0.898	0.897
34.0	52.5	3.54	1.033	15.889	6.792	2.339	1.747	5.390	11.16	0.600	0.715
57.0	53.4	3.54	1.018	16.879	7.104	2.376	1.792	5.141	11.58	0.633	0.644
106.0	53.8	3.51	0.994	17.921	7.551	2.373	1.815	4.751	12.22	0.670	0.764
204.0	56.0	3.49	0.974	17.862	7.907	2.259	1.739	4.823	12.87	0.940	0.962
302.0	57.4	3.50	0.963	17.638	8.123	2.171	1.675	4.895	13.30	1.060	1.130
500.0	63.0	3.49	0.955	17.042	8.431	2.021	1.555	5.451	14.13	1.315	1.376
789.0	67.9	3.47	0.937	16.754	8.828	1.898	1.465	5.793	15.09	1.560	1.590
1005.0	78.4	3.47	0.923	16.649	9.213	1.807	1.398	6.702	16.02	1.753	1.774
1321.0	85.0	3.44	0.914	17.005	9.640	1.764	1.368	7.053	16.90	1.843	1.835
1811.0	95.2	3.41	0.899	17.172	10.151	1.692	1.317	7.686	18.04	2.036	2.045
2300.0	103.8	3.37	0.880	17.593	10.664	1.650	1.294	8.004	19.09	2.139	2.112
2789.0	115.0	3.35	0.869	18.523	11.421	1.622	1.278	8.447	20.56	2.087	2.105

MEASURED P / CALCULATED P

X MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-675.0	3.66	1.291	6.573	3.156	2.082	1.312	9.228	2.169	6.573	3.156	2.082	1.312
-481.0	3.67	1.270	7.404	3.560	2.080	1.329	8.678	2.041	7.404	3.560	2.080	1.329
-479.0	3.64	1.267	7.286	3.507	2.078	1.330	8.844	2.053	7.286	3.507	2.078	1.330
-285.0	3.67	1.261	7.708	3.739	2.061	1.323	8.635	2.111	7.708	3.739	2.061	1.323
-187.0	3.67	1.268	7.841	3.812	2.057	1.313	8.620	2.136	7.841	3.812	2.057	1.313
-162.0	3.66	1.270	7.955	3.863	2.059	1.313	8.657	2.110	7.955	3.863	2.059	1.313
-138.0	3.67	1.265	8.010	3.888	2.060	1.318	8.255	2.089	7.997	3.914	2.043	1.309
-115.0	3.61	1.266	8.325	4.044	2.059	1.325	8.154	2.024	8.399	3.949	2.127	1.295
-89.0	3.61	1.249	9.021	4.389	2.055	1.367	7.697	1.781	9.232	4.011	2.302	1.347
-66.0	3.60	1.184	9.891	4.763	2.076	1.410	7.329	1.598	9.972	4.610	2.163	1.374
-41.0	3.60	1.151	11.244	5.304	2.120	1.478	6.421	1.359	11.307	5.174	2.185	1.432
-15.0	3.58	1.100	12.989	5.944	2.172	1.554	6.055	1.160	13.033	5.438	2.397	1.511
6.0	3.52	1.019	14.390	6.372	2.258	1.648	5.730	0.930	14.390	6.372	2.258	1.648
34.0	3.51	0.995	16.094	6.745	2.386	1.793	5.398	0.737	16.094	6.745	2.386	1.793
57.0	3.51	0.987	16.989	7.078	2.400	1.819	5.144	0.661	16.989	7.078	2.400	1.819
106.0	3.50	0.981	17.948	7.549	2.378	1.821	4.750	0.772	17.948	7.549	2.378	1.821
204.0	3.49	0.974	17.862	7.907	2.259	1.739	4.823	0.962	17.862	7.907	2.259	1.739
302.0	3.50	0.963	17.638	8.123	2.171	1.675	4.895	1.130	17.638	8.123	2.171	1.675
500.0	3.49	0.955	17.042	8.431	2.021	1.555	5.451	1.376	17.042	8.431	2.021	1.555
789.0	3.47	0.937	16.754	8.828	1.898	1.465	5.793	1.590	16.754	8.828	1.898	1.465
1005.0	3.47	0.923	16.649	9.213	1.807	1.398	6.702	1.774	16.649	9.213	1.807	1.398
1321.0	3.44	0.914	17.005	9.640	1.764	1.368	7.053	1.835	17.005	9.640	1.764	1.368
1811.0	3.41	0.899	17.172	10.151	1.692	1.317	7.687	2.045	17.172	10.151	1.692	1.317
2300.0	3.37	0.880	17.593	10.664	1.650	1.294	8.004	2.112	17.593	10.664	1.650	1.294
2789.0	3.35	0.869	18.523	11.421	1.622	1.278	8.447	2.105	18.523	11.421	1.622	1.278

Table 3 (continued)

$M_0 = 1.272 \qquad Re/m = 10.2 \times 10^6$

X MM	DEL.995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
	CONSTANT PW											MEASURED P								CALCULATED P			
-600.0	33.4	10.14	1.300	5.744	2.810	2.044	1.275	9.044	5.09	1.851	1.818	10.14	1.300	5.744	2.810	2.044	1.275	9.044	1.818	5.744	2.810	2.044	1.275
-511.0	34.6	10.18	1.282	6.095	2.995	2.035	1.284	9.518	5.40	1.814	1.766	10.18	1.282	6.095	2.995	2.035	1.284	9.518	1.766	6.095	2.995	2.035	1.284
-411.0	35.6	10.19	1.267	6.384	3.144	2.030	1.294	9.292	5.66	1.800	1.733	10.19	1.267	6.384	3.144	2.030	1.294	9.292	1.733	6.384	3.144	2.030	1.294
-314.0	36.3	10.17	1.266	6.546	3.239	2.021	1.288	9.186	5.83	1.795	1.771	10.17	1.266	6.546	3.239	2.021	1.288	9.186	1.771	6.546	3.239	2.021	1.288
-215.0	36.4	10.21	1.272	6.639	3.293	2.016	1.279	9.038	5.95	1.832	1.796	10.21	1.272	6.639	3.293	2.016	1.279	9.038	1.796	6.639	3.293	2.016	1.279
-168.0	36.1	10.21	1.272	6.686	3.316	2.017	1.279	8.871	5.99	1.808	1.783	10.21	1.272	6.686	3.316	2.017	1.279	8.871	1.783	6.686	3.316	2.017	1.279
-143.0	37.5	10.22	1.268	6.743	3.358	2.008	1.277	9.158	6.07	1.793	1.747	10.22	1.273	6.762	3.365	2.010	1.279	9.135	1.744	6.780	3.342	2.029	1.271
-119.0	37.4	10.09	1.245	6.963	3.475	2.003	1.295	8.758	6.24	1.731	1.694	10.10	1.254	6.982	3.482	2.005	1.296	8.736	1.688	6.992	3.475	2.012	1.281
-94.0	38.7	10.13	1.222	7.289	3.650	1.997	1.315	8.605	6.52	1.586	1.551	10.16	1.249	7.357	3.670	2.004	1.320	8.540	1.534	7.345	3.712	1.979	1.294
-69.0	39.6	10.14	1.176	8.153	4.059	2.009	1.367	7.747	7.15	1.376	1.310	10.20	1.219	8.199	4.081	2.009	1.366	7.694	1.286	8.175	4.161	1.965	1.339
-47.0	42.5	10.21	1.136	9.182	4.494	2.043	1.429	7.413	7.80	1.101	1.047	10.27	1.181	9.156	4.515	2.028	1.414	7.385	1.024	9.250	4.287	2.158	1.389
-22.0	44.8	10.14	1.080	11.149	5.200	2.144	1.552	6.471	8.83	0.814	0.737	10.17	1.092	11.127	5.205	2.138	1.545	6.469	0.731	11.208	4.781	2.344	1.530
4.0	47.3	10.04	1.025	13.398	5.867	2.284	1.712	5.778	9.74	0.496	0.441	10.02	1.014	13.399	5.869	2.283	1.712	5.776	0.445	13.399	5.869	2.283	1.712
29.0	49.4	10.00	1.001	15.176	6.440	2.356	1.793	5.314	10.38	0.391	0.382	9.94	0.980	15.249	6.420	2.375	1.814	5.319	0.380	15.249	6.420	2.375	1.814
51.0	50.6	9.92	0.979	16.136	6.646	2.428	1.875	5.186	10.77	0.410	0.396	9.87	0.964	16.171	6.640	2.435	1.885	5.185	0.401	16.171	6.640	2.435	1.885
74.0	50.9	9.91	0.971	16.457	6.869	2.396	1.856	5.015	11.11	0.487	0.456	9.88	0.963	16.460	6.870	2.396	1.858	5.013	0.460	16.460	6.870	2.396	1.858
125.0	52.0	9.81	0.955	16.804	7.252	2.317	1.805	4.853	11.73	0.641	0.585	9.81	0.955	16.803	7.251	2.317	1.805	4.854	0.585	16.803	7.251	2.317	1.805
174.0	52.6	9.86	0.944	16.963	7.458	2.274	1.779	4.778	12.07	0.695	0.674	9.86	0.944	16.963	7.458	2.274	1.779	4.778	0.674	16.963	7.458	2.274	1.779
221.0	52.9	9.80	0.938	16.748	7.566	2.214	1.733	4.778	12.31	0.809	0.748	9.80	0.938	16.748	7.566	2.214	1.733	4.778	0.748	16.748	7.566	2.214	1.733
272.0	55.0	9.82	0.934	16.473	7.654	2.152	1.684	5.033	12.53	0.878	0.820	9.82	0.934	16.473	7.654	2.152	1.684	5.033	0.820	16.473	7.654	2.152	1.684
321.0	55.4	9.80	0.931	16.309	7.738	2.108	1.649	5.052	12.74	0.961	0.874	9.80	0.931	16.309	7.738	2.108	1.649	5.052	0.874	16.309	7.738	2.108	1.649
368.0	55.6	9.81	0.928	16.094	7.805	2.062	1.612	5.062	12.93	1.015	0.932	9.81	0.928	16.094	7.805	2.062	1.612	5.062	0.932	16.094	7.805	2.062	1.612
466.0	57.2	9.79	0.922	15.792	7.910	1.996	1.561	5.235	13.23	1.111	1.041	9.79	0.922	15.792	7.910	1.996	1.561	5.235	1.041	15.792	7.910	1.996	1.561
565.0	60.6	9.78	0.919	15.632	8.040	1.944	1.519	5.593	13.57	1.209	1.092	9.78	0.919	15.632	8.040	1.944	1.519	5.593	1.092	15.632	8.040	1.944	1.519
663.0	63.2	9.74	0.913	15.345	8.149	1.883	1.471	5.873	13.82	1.287	1.262	9.74	0.913	15.344	8.149	1.883	1.471	5.873	1.262	15.344	8.149	1.883	1.471
761.0	65.2	9.73	0.907	15.264	8.253	1.850	1.447	6.051	14.16	1.303	1.310	9.73	0.907	15.264	8.253	1.850	1.447	6.051	1.310	15.264	8.253	1.850	1.447
861.0	68.1	9.73	0.902	15.487	8.485	1.825	1.430	6.201	14.63	1.330	1.280	9.73	0.902	15.487	8.485	1.825	1.430	6.201	1.280	15.487	8.485	1.825	1.430
957.0	69.6	9.66	0.895	15.354	8.554	1.795	1.409	6.342	14.82	1.398	1.334	9.66	0.895	15.354	8.554	1.795	1.409	6.342	1.334	15.354	8.554	1.795	1.409
1055.0	72.1	9.69	0.891	15.283	8.625	1.772	1.392	6.588	15.04	1.445	1.350	9.69	0.891	15.283	8.625	1.772	1.392	6.588	1.350	15.283	8.625	1.772	1.392
1099.0	73.9	9.87	0.893	15.329	8.731	1.756	1.377	6.708	15.29	1.539	1.444	9.87	0.893	15.329	8.731	1.756	1.377	6.708	1.444	15.329	8.731	1.756	1.377
1197.0	75.9	9.74	0.892	15.010	8.714	1.722	1.349	6.987	15.47	1.567	1.544	9.74	0.892	15.010	8.714	1.722	1.349	6.987	1.544	15.010	8.714	1.722	1.349
1291.0	77.8	9.75	0.887	15.072	8.819	1.709	1.341	7.113	15.63	1.644	1.606	9.75	0.887	15.072	8.819	1.709	1.341	7.113	1.606	15.072	8.819	1.709	1.341
1538.0	84.6	9.60	0.875	15.406	9.182	1.678	1.322	7.535	16.30	1.732	1.577	9.60	0.875	15.406	9.182	1.678	1.322	7.535	1.577	15.406	9.182	1.678	1.322
1585.0	85.3	9.47	0.873	15.437	9.244	1.670	1.317	7.558	16.43	1.680	1.582	9.47	0.873	15.437	9.243	1.670	1.317	7.558	1.582	15.437	9.243	1.670	1.317
1781.0	88.8	9.49	0.866	15.324	9.350	1.639	1.295	7.858	16.73	1.785	1.741	9.49	0.866	15.324	9.350	1.639	1.295	7.858	1.741	15.324	9.350	1.639	1.295
2270.0	97.4	9.55	0.850	15.888	9.892	1.606	1.277	8.240	17.77	1.888	1.693	9.55	0.850	15.888	9.892	1.606	1.277	8.240	1.693	15.888	9.892	1.606	1.277
2759.0	101.0	9.34	0.830	16.023	10.206	1.570	1.259	8.326	18.49	1.927	1.805	9.34	0.830	16.023	10.206	1.570	1.259	8.326	1.805	16.023	10.206	1.570	1.259

82099

Table 3 (continued)

$M_0 = 1.373 \qquad Re/m = 3.67 \times 10^6$

CONSTANT PW

X MM	DEL.995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3
-712.0	34.1	3.64	1.413	6.516	2.927	2.227	1.306	9.425	5.26	2.091	2.190
-710.0	34.1	3.61	1.414	6.595	2.961	2.227	1.305	9.289	5.32	2.093	2.189
-320.0	38.7	3.64	1.395	7.542	3.402	2.217	1.316	9.160	6.09	2.019	2.092
-222.0	39.4	3.67	1.377	8.100	3.661	2.213	1.329	8.550	6.53	1.894	1.978
-199.0	39.4	3.67	1.373	8.179	3.699	2.211	1.332	8.441	6.59	1.905	1.966
-173.0	39.2	3.68	1.370	8.345	3.767	2.215	1.338	8.191	6.70	1.891	1.939
-148.0	40.4	3.65	1.350	8.647	3.913	2.210	1.352	8.114	6.93	1.819	1.879
-123.0	39.9	3.61	1.279	9.479	4.277	2.216	1.423	7.112	7.45	1.448	1.501
-101.0	41.5	3.64	1.232	10.935	4.820	2.269	1.507	6.341	8.24	1.149	1.191
-76.0	44.3	3.65	1.194	12.790	5.461	2.342	1.600	5.769	9.17	0.899	0.954
-50.0	49.1	3.65	1.155	15.154	6.144	2.467	1.736	5.525	10.10	0.710	0.669
-27.0	53.4	3.62	1.129	17.855	6.814	2.620	1.885	5.216	10.98	0.602	0.555
-3.0	54.6	3.63	1.103	20.402	7.382	2.764	2.027	4.632	11.70	0.470	0.410
22.0	57.4	3.67	1.085	22.618	7.834	2.887	2.147	4.440	12.28	0.304	0.312
71.0	61.0	3.65	1.055	25.587	8.417	3.040	2.304	4.207	13.02	0.344	0.283
120.0	63.4	3.63	1.033	26.934	8.839	3.047	2.335	4.126	13.58	0.311	0.351
169.0	65.1	3.64	1.023	27.107	9.233	2.936	2.255	4.115	14.22	0.414	0.373
267.0	65.5	3.63	1.003	26.296	9.721	2.705	2.085	4.033	15.11	0.540	0.519
463.0	73.0	3.59	0.972	25.073	10.602	2.365	1.830	4.520	16.96	0.794	0.843
756.0	82.6	3.56	0.940	23.200	11.266	2.059	1.600	5.273	18.71	1.168	1.190
1052.0	92.7	3.54	0.916	22.329	11.840	1.886	1.471	5.943	20.22	1.444	1.462
1284.0	101.4	3.50	0.905	21.752	12.137	1.792	1.399	6.562	21.08	1.784	1.760
1776.0	117.6	3.43	0.878	21.700	12.916	1.686	1.327	7.419	22.88	1.998	1.975
2267.0	129.2	3.39	0.861	22.111	13.583	1.628	1.288	7.884	24.32	2.131	2.119
2752.0	137.4	3.33	0.839	22.253	14.000	1.589	1.270	8.225	25.26	2.105	2.189

	MEASURED P								CALCULATED P			
X MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-712.0	3.64	1.413	6.516	2.927	2.227	1.306	9.425	2.190	6.516	2.927	2.227	1.306
-710.0	3.61	1.414	6.594	2.961	2.227	1.305	9.290	2.189	6.594	2.961	2.227	1.305
-320.0	3.64	1.395	7.542	3.402	2.217	1.316	9.160	2.092	7.542	3.402	2.217	1.316
-222.0	3.67	1.377	8.100	3.661	2.213	1.329	8.550	1.978	8.100	3.661	2.213	1.329
-199.0	3.67	1.373	8.179	3.699	2.211	1.332	8.441	1.966	8.179	3.699	2.211	1.332
-173.0	3.68	1.370	8.345	3.767	2.215	1.338	8.191	1.939	8.345	3.767	2.215	1.338
-148.0	3.65	1.350	8.647	3.913	2.210	1.352	8.114	1.879	8.647	3.913	2.210	1.352
-123.0	3.61	1.279	9.479	4.277	2.216	1.423	7.113	1.501	9.479	4.277	2.216	1.423
-101.0	3.64	1.232	10.935	4.820	2.269	1.507	6.341	1.191	10.935	4.820	2.269	1.507
-76.0	3.65	1.194	12.790	5.461	2.342	1.600	5.770	0.954	12.790	5.461	2.342	1.600
-50.0	3.65	1.155	15.154	6.144	2.467	1.736	5.525	0.669	15.154	6.144	2.467	1.736
-27.0	3.62	1.129	17.855	6.814	2.620	1.885	5.216	0.555	17.855	6.814	2.620	1.885
-3.0	3.63	1.103	20.402	7.382	2.764	2.027	4.632	0.410	20.402	7.382	2.764	2.027
22.0	3.67	1.085	22.618	7.834	2.887	2.147	4.440	0.312	22.618	7.834	2.887	2.147
71.0	3.65	1.055	25.587	8.417	3.040	2.304	4.207	0.283	25.587	8.417	3.040	2.304
120.0	3.63	1.033	26.934	8.839	3.047	2.335	4.126	0.351	26.934	8.839	3.047	2.335
169.0	3.64	1.023	27.107	9.233	2.936	2.255	4.115	0.373	27.107	9.233	2.936	2.255
267.0	3.63	1.003	26.296	9.721	2.705	2.085	4.033	0.519	26.296	9.721	2.705	2.085
463.0	3.59	0.972	25.073	10.602	2.365	1.830	4.521	0.843	25.073	10.602	2.365	1.830
756.0	3.56	0.940	23.200	11.266	2.059	1.600	5.273	1.190	23.200	11.266	2.059	1.600
1052.0	3.54	0.916	22.329	11.840	1.886	1.471	5.943	1.462	22.329	11.840	1.886	1.471
1284.0	3.50	0.905	21.752	12.137	1.792	1.399	6.562	1.760	21.752	12.137	1.792	1.399
1776.0	3.43	0.878	21.700	12.916	1.686	1.327	7.419	1.975	21.700	12.916	1.686	1.327
2267.0	3.39	0.861	22.110	13.583	1.628	1.288	7.884	2.119	22.110	13.583	1.628	1.288
2752.0	3.33	0.839	22.253	14.000	1.589	1.270	8.225	2.189	22.253	14.000	1.589	1.270

Table 3 (continued)

$M_0 = 1.386 \quad Re/m = 10.0 \times 10^6$

				CONSTANT PW											MEASURED P					CALCULATED P			
X MM	DEL.995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-729.0	32.4	9.92	1.420	5.660	2.584	2.190	1.273	10.348	4.68	1.891	1.787	9.92	1.420	5.660	2.584	2.190	1.273	10.348	1.787	5.660	2.584	2.190	1.273
-635.0	33.0	9.97	1.425	5.819	2.653	2.193	1.271	10.244	4.81	1.884	1.797	9.97	1.425	5.819	2.653	2.193	1.271	10.245	1.797	5.819	2.653	2.193	1.271
-537.0	34.2	9.96	1.417	6.086	2.779	2.190	1.276	10.115	5.03	1.837	1.757	9.96	1.417	6.086	2.779	2.190	1.276	10.115	1.757	6.086	2.779	2.190	1.276
-439.0	34.4	9.95	1.414	6.292	2.873	2.190	1.279	9.784	5.20	1.823	1.729	9.95	1.414	6.292	2.873	2.190	1.279	9.784	1.729	6.292	2.873	2.190	1.279
-343.0	35.4	9.96	1.408	6.466	2.970	2.177	1.275	9.743	5.37	1.816	1.776	9.96	1.408	6.466	2.970	2.177	1.275	9.743	1.776	6.466	2.970	2.177	1.275
-292.0	35.1	9.99	1.406	6.600	3.028	2.180	1.279	9.413	5.47	1.818	1.746	9.99	1.406	6.600	3.028	2.180	1.279	9.413	1.746	6.600	3.028	2.180	1.279
-245.0	36.6	10.00	1.396	6.742	3.109	2.169	1.280	9.604	5.62	1.779	1.766	10.00	1.396	6.742	3.109	2.169	1.280	9.604	1.766	6.742	3.109	2.169	1.280
-220.0	37.0	10.03	1.386	6.800	3.150	2.158	1.282	9.586	5.73	1.750	1.733	10.03	1.386	6.800	3.150	2.158	1.282	9.586	1.733	6.800	3.150	2.158	1.282
-192.0	37.5	10.03	1.381	7.003	3.238	2.162	1.290	9.417	5.83	1.695	1.682	10.04	1.384	7.019	3.243	2.164	1.291	9.398	1.681	6.954	3.314	2.098	1.284
-171.0	36.6	10.02	1.373	7.029	3.266	2.152	1.293	9.055	5.87	1.738	1.679	10.04	1.387	7.058	3.274	2.156	1.295	9.024	1.673	7.059	3.274	2.156	1.288
-144.0	37.1	10.02	1.341	7.211	3.379	2.134	1.314	8.846	6.04	1.614	1.549	10.06	1.375	7.287	3.403	2.141	1.319	8.762	1.533	7.251	3.447	2.103	1.307
-120.0	36.3	9.96	1.307	7.471	3.526	2.119	1.337	8.177	6.25	1.490	1.488	10.01	1.355	7.653	3.580	2.138	1.353	8.001	1.466	7.547	3.729	2.024	1.321
-95.0	38.7	10.14	1.258	8.758	4.084	2.145	1.406	7.332	7.12	1.127	1.153	10.22	1.335	8.965	4.156	2.157	1.420	7.154	1.124	8.808	4.400	2.002	1.384
-73.0	40.6	10.21	1.210	10.115	4.579	2.209	1.497	6.658	7.83	0.880	0.917	10.29	1.279	10.246	4.627	2.215	1.507	6.561	0.892	10.133	4.861	2.085	1.461
-48.0	44.2	10.20	1.157	12.610	5.440	2.318	1.627	5.807	9.09	0.683	0.683	10.27	1.213	12.694	5.468	2.321	1.636	5.762	0.665	12.687	5.565	2.280	1.575
-24.0	48.6	10.23	1.107	15.648	6.131	2.552	1.856	5.375	9.94	0.322	0.299	10.25	1.123	15.640	6.137	2.548	1.853	5.371	0.296	15.761	5.725	2.753	1.819
1.0	51.1	10.20	1.081	18.261	6.748	2.706	1.997	4.867	10.79	0.206	0.321	10.10	1.029	18.374	6.721	2.734	2.021	4.869	0.333	18.374	6.721	2.734	2.021
50.0	56.3	10.01	1.039	22.820	7.703	2.962	2.256	4.346	11.94	0.184	0.224	9.95	1.015	22.866	7.697	2.971	2.264	4.344	0.228	22.866	7.697	2.971	2.264
99.0	59.1	9.97	1.012	24.604	8.161	3.015	2.330	4.227	12.53	0.236	0.241	9.92	0.995	24.607	8.160	3.016	2.333	4.227	0.244	24.607	8.160	3.016	2.333
148.0	60.5	9.94	0.995	25.126	8.572	2.931	2.281	4.127	13.17	0.257	0.264	9.92	0.988	25.124	8.572	2.931	2.281	4.127	0.266	25.124	8.572	2.931	2.281
197.0	61.0	9.92	0.984	24.856	8.858	2.806	2.188	4.080	13.66	0.218	0.311	9.92	0.984	24.855	8.858	2.806	2.189	4.080	0.311	24.855	8.858	2.806	2.189
246.0	61.3	9.93	0.973	24.280	9.097	2.669	2.085	4.069	14.15	0.400	0.378	9.92	0.973	24.279	9.097	2.669	2.085	4.070	0.378	24.279	9.097	2.669	2.085
295.0	61.7	9.89	0.963	23.927	9.348	2.560	2.003	4.041	14.63	0.501	0.518	9.89	0.963	23.927	9.348	2.560	2.003	4.041	0.518	23.927	9.348	2.560	2.003
342.0	63.5	9.89	0.956	23.492	9.499	2.473	1.936	4.212	14.96	0.533	0.588	9.89	0.956	23.492	9.499	2.473	1.936	4.212	0.588	23.492	9.499	2.473	1.936
444.0	66.2	9.84	0.942	22.838	9.867	2.315	1.815	4.394	15.78	0.698	0.684	9.84	0.942	22.838	9.867	2.315	1.815	4.394	0.684	22.838	9.867	2.315	1.815
539.0	70.2	9.88	0.931	21.976	10.065	2.183	1.713	4.791	16.37	0.819	0.821	9.88	0.931	21.976	10.065	2.183	1.713	4.791	0.821	21.976	10.065	2.183	1.713
637.0	74.0	9.76	0.921	21.442	10.323	2.077	1.631	5.091	17.03	0.940	0.920	9.76	0.921	21.442	10.323	2.077	1.631	5.091	0.920	21.442	10.323	2.077	1.631
735.0	76.7	9.74	0.912	20.997	10.503	1.999	1.571	5.304	17.53	1.107	1.011	9.74	0.912	20.997	10.503	1.999	1.571	5.304	1.011	20.997	10.503	1.999	1.571
833.0	80.6	9.77	0.903	20.469	10.614	1.928	1.518	5.665	17.91	1.185	1.108	9.77	0.903	20.469	10.614	1.928	1.518	5.665	1.108	20.469	10.614	1.928	1.518
931.0	86.1	9.57	0.895	20.146	10.729	1.878	1.480	6.147	18.26	1.247	1.185	9.57	0.895	20.145	10.729	1.878	1.480	6.147	1.185	20.145	10.729	1.878	1.480
1027.0	89.5	9.82	0.890	20.118	10.978	1.833	1.445	6.320	18.85	1.282	1.210	9.82	0.890	20.118	10.977	1.833	1.445	6.320	1.210	20.118	10.977	1.833	1.445
1755.0	107.1	9.24	0.856	19.400	11.873	1.634	1.297	7.386	21.20	1.867	1.794	9.24	0.856	19.400	11.873	1.634	1.297	7.386	1.794	19.400	11.873	1.634	1.297
2244.0	113.9	9.10	0.832	18.588	11.804	1.575	1.262	8.075	21.28	1.980	1.948	9.10	0.832	18.588	11.804	1.575	1.262	8.075	1.948	18.588	11.804	1.575	1.262
2733.0	116.3	8.92	0.808	17.981	11.670	1.534	1.241	8.432	21.22	2.023	1.935	8.92	0.808	17.981	11.670	1.534	1.241	8.432	1.935	17.981	11.670	1.534	1.241
2933.0	118.1	8.89	0.799	17.693	11.617	1.523	1.237	8.643	21.17	2.001	1.941	8.89	0.799	17.693	11.617	1.523	1.237	8.643	1.941	17.693	11.617	1.523	1.237

Table 3 (continued)

$M_0 = 1.522 \qquad Re/m = 3.51 \times 10^6$

CONSTANT PW											
X MM	DEL.995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3
-717.0	33.9	3.49	1.538	6.771	2.830	2.392	1.303	9.585	5.09	2.110	2.195
-523.0	34.5	3.48	1.542	7.144	2.984	2.394	1.300	9.167	5.38	2.000	2.171
-327.0	37.4	3.51	1.522	7.647	3.211	2.382	1.311	9.267	5.76	1.969	2.067
-278.6	37.4	3.53	1.524	7.893	3.305	2.388	1.313	8.927	5.93	1.954	2.056
-255.0	37.7	3.51	1.522	7.997	3.357	2.382	1.311	8.848	6.02	1.959	2.062
-229.0	38.4	3.50	1.491	8.207	3.482	2.357	1.325	8.670	6.20	1.820	1.930
-206.0	37.8	3.50	1.447	8.318	3.570	2.330	1.356	8.259	6.33	1.646	1.735
-180.0	37.6	3.50	1.333	9.337	3.975	2.349	1.497	7.109	6.82	1.005	1.070
-155.0	41.2	3.57	1.273	11.722	4.603	2.546	1.701	6.403	7.77	0.372	0.452
-131.0	45.5	3.62	1.252	15.846	5.597	2.831	1.939	5.298	9.05	0.349	0.346
-108.0	50.9	3.65	1.227	18.846	6.127	3.076	2.133	5.232	9.72	0.000	0.000
-83.0	56.1	3.65	1.206	23.357	6.347	3.680	2.625	5.159	9.99	0.000	0.000
-57.0	60.8	3.65	1.183	28.252	6.660	4.242	3.096	4.887	10.48	0.000	0.000
-34.0	67.4	3.65	1.174	32.109	7.037	4.563	3.361	5.015	11.03	0.000	0.000
13.0	73.9	3.67	1.153	39.569	7.869	5.029	3.762	4.363	12.12	0.000	0.000
64.0	79.2	3.66	1.134	44.142	8.137	5.425	4.111	4.309	12.54	0.000	0.000
115.0	80.7	3.62	1.118	46.125	8.448	5.460	4.168	4.093	12.97	0.000	0.000
162.0	84.2	3.63	1.104	46.057	9.140	5.039	3.855	4.173	13.93	0.000	0.000
211.0	87.8	3.63	1.091	45.810	9.907	4.624	3.543	4.239	14.98	0.000	0.000
260.0	90.8	3.62	1.078	44.958	11.120	4.043	3.092	4.122	16.61	0.000	0.000
456.0	102.3	3.56	1.029	42.859	13.397	3.199	2.464	4.437	20.28	0.288	0.209
749.0	118.3	3.53	0.975	38.177	15.832	2.411	1.866	5.061	25.30	0.638	0.665
1043.0	129.0	3.48	0.931	35.255	17.007	2.073	1.619	5.512	28.20	0.954	0.986
1279.0	139.5	3.45	0.913	33.425	17.386	1.923	1.505	6.101	29.49	1.346	1.341
1769.0	157.6	3.35	0.875	32.437	18.501	1.753	1.388	6.765	32.21	1.659	1.684
2258.0	172.9	3.32	0.851	31.496	18.962	1.661	1.324	7.457	33.61	1.045	1.882
2745.0	181.9	3.25	0.827	31.597	19.647	1.608	1.294	7.650	35.18	1.950	1.944
2945.0	186.5	3.23	0.822	31.773	19.963	1.592	1.283	7.751	35.74	1.961	2.003

	MEASURED P								CALCULATED P			
X MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-717.0	3.49	1.538	6.771	2.830	2.392	1.303	9.585	2.195	6.771	2.830	2.392	1.303
-523.0	3.48	1.542	7.144	2.984	2.394	1.300	9.167	2.171	7.144	2.984	2.394	1.300
-327.0	3.51	1.522	7.647	3.211	2.382	1.311	9.267	2.067	7.647	3.211	2.382	1.311
-278.6	3.53	1.524	7.893	3.305	2.388	1.313	8.927	2.056	7.969	3.241	2.459	1.309
-255.0	3.51	1.522	7.997	3.357	2.382	1.311	8.849	2.062	8.169	3.214	2.542	1.305
-229.0	3.50	1.498	8.246	3.493	2.361	1.328	8.633	1.927	8.269	3.465	2.387	1.302
-206.0	3.52	1.486	8.465	3.605	2.348	1.371	8.137	1.720	8.633	3.454	2.500	1.342
-180.0	3.54	1.448	9.706	4.089	2.373	1.527	6.821	1.037	9.550	4.262	2.241	1.503
-155.0	3.61	1.383	11.978	4.702	2.547	1.721	6.215	0.436	11.514	5.278	2.181	1.663
-131.0	3.67	1.382	16.186	5.760	2.810	1.960	5.089	0.331	16.034	5.988	2.678	1.917
-108.0	3.67	1.282	18.714	6.204	3.016	2.111	5.188	0.000	18.786	6.099	3.080	2.114
-83.0	3.66	1.225	23.285	6.376	3.652	2.613	5.146	0.000	23.280	6.432	3.619	2.561
-57.0	3.65	1.193	28.256	6.665	4.240	3.100	4.883	0.000	28.289	6.759	4.186	2.945
-34.0	3.65	1.162	31.537	7.362	4.284	3.130	4.871	0.000	31.920	6.485	4.922	3.220
13.0	3.64	1.105	39.269	8.019	4.897	3.627	4.318	0.000	39.269	8.019	4.897	3.627
64.0	3.62	1.070	44.100	8.120	5.431	4.079	4.322	0.000	44.100	8.120	5.431	4.079
115.0	3.59	1.072	46.100	8.439	5.463	4.145	4.100	0.000	46.100	8.439	5.463	4.145
162.0	3.61	1.071	46.038	9.134	5.040	3.841	4.178	0.000	46.038	9.134	5.040	3.841
211.0	3.60	1.048	45.788	9.900	4.625	3.528	4.244	0.000	45.788	9.900	4.625	3.528
260.0	3.60	1.044	44.949	11.115	4.044	3.083	4.125	0.000	44.949	11.115	4.044	3.083
456.0	3.54	1.008	42.856	13.398	3.199	2.463	4.437	0.213	42.856	13.398	3.199	2.463
749.0	3.53	0.975	38.177	15.832	2.411	1.866	5.061	0.665	38.177	15.832	2.411	1.866
1043.0	3.48	0.931	35.254	17.007	2.073	1.619	5.512	0.986	35.254	17.007	2.073	1.619
1279.0	3.45	0.913	33.425	17.386	1.923	1.505	6.101	1.341	33.425	17.386	1.923	1.505
1769.0	3.35	0.875	32.437	18.500	1.753	1.388	6.765	1.684	32.437	18.500	1.753	1.388
2258.0	3.32	0.851	31.496	18.962	1.661	1.324	7.457	1.882	31.496	18.962	1.661	1.324
2745.0	3.25	0.827	31.597	19.647	1.608	1.294	7.650	1.944	31.597	19.647	1.608	1.294
2945.0	3.23	0.822	31.773	19.963	1.592	1.283	7.751	2.003	31.773	19.963	1.592	1.283

Table 3 (continued)

$M_0 = 1.531 \qquad Re/m = 6.47 \times 10^6$

	CONSTANT PW											MEASURED P								CALCULATED P			
X MM	DEL.995 MM	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	DELE MM	CFP X10+3	CF X10+3	RE/M X10-6	ME	DEL* MM	THETA MM	H	HBAR	HI	CF X10+3	DELBAR MM	THETABAR MM	H	HBAR
-516.0	33.4	6.45	1.544	6.492	2.746	2.364	1.278	9.799	4.97	1.944	1.959	6.45	1.544	6.492	2.746	2.364	1.278	9.799	1.959	6.492	2.746	2.364	1.278
-320.0	34.7	6.45	1.532	6.938	2.941	2.359	1.286	9.439	5.31	1.869	1.885	6.45	1.532	6.938	2.941	2.359	1.286	9.439	1.885	6.938	2.941	2.359	1.286
-271.0	36.5	6.47	1.531	7.128	3.023	2.358	1.286	9.716	5.46	1.854	1.888	6.47	1.531	7.128	3.023	2.358	1.286	9.716	1.888	7.197	2.967	2.425	1.286
-222.0	36.6	6.49	1.504	7.349	3.156	2.329	1.296	9.268	5.68	1.776	1.812	6.51	1.522	7.457	3.188	2.339	1.304	9.141	1.805	7.379	3.240	2.277	1.276
-199.0	37.0	6.45	1.461	7.457	3.266	2.283	1.317	9.044	5.83	1.640	1.697	6.50	1.527	7.868	3.393	2.319	1.346	8.505	1.673	7.879	3.381	2.331	1.259
-173.0	37.5	6.39	1.323	8.237	3.663	2.249	1.450	7.989	6.32	0.925	1.048	6.51	1.495	8.932	3.901	2.290	1.491	7.323	1.002	9.464	3.339	2.834	1.400
-148.0	36.7	6.50	1.244	10.313	4.122	2.502	1.604	6.402	6.93	0.212	0.332	6.54	1.288	10.392	4.148	2.505	1.692	6.342	0.326	10.464	4.056	2.580	1.669
-124.0	41.9	6.66	1.239	14.015	5.000	2.803	1.918	5.577	8.19	0.000	0.000	6.68	1.259	14.058	5.016	2.803	1.918	5.551	0.000	14.089	4.989	2.824	1.889
-101.0	46.9	6.66	1.207	17.434	5.592	3.118	2.189	5.269	8.98	0.000	0.000	6.68	1.224	17.459	5.602	3.116	2.196	5.255	0.000	17.459	5.613	3.110	2.181
-76.0	52.1	6.69	1.186	21.606	5.951	3.631	2.614	5.124	9.32	0.000	0.000	6.70	1.204	21.620	5.960	3.627	2.621	5.114	0.000	21.557	6.130	3.517	2.557
-52.0	60.6	6.72	1.164	27.952	6.744	4.144	3.048	4.841	10.45	0.000	0.000	6.73	1.182	27.705	6.865	4.036	2.970	4.792	0.000	27.756	6.913	4.015	2.847
-27.0	67.4	6.67	1.152	33.348	7.341	4.543	3.380	4.639	11.26	0.000	0.000	6.66	1.141	32.728	7.609	4.301	3.176	4.557	0.000	33.250	6.121	5.432	3.435
22.0	72.9	6.66	1.134	40.828	7.276	5.611	4.259	4.408	11.41	0.000	0.000	6.58	1.062	40.044	7.689	5.208	3.893	4.273	0.000	40.044	7.689	5.208	3.893
71.0	77.9	6.64	1.118	44.882	7.452	6.023	4.618	4.431	11.70	0.000	0.000	6.57	1.057	43.643	8.310	5.252	3.965	4.122	0.000	43.643	8.310	5.252	3.965
120.0	82.1	6.64	1.102	46.649	8.083	5.771	4.448	4.386	12.52	0.000	0.000	6.59	1.062	45.690	8.802	5.191	3.959	4.137	0.000	45.690	8.802	5.191	3.959
167.0	86.2	6.62	1.088	47.442	8.576	5.532	4.282	4.520	13.12	0.000	0.000	6.58	1.051	46.522	9.277	5.015	3.846	4.277	0.000	46.522	9.277	5.015	3.846
218.0	90.0	6.63	1.074	46.767	10.346	4.520	3.486	4.179	15.29	0.000	0.000	6.59	1.042	46.755	10.342	4.521	3.476	4.182	0.000	46.755	10.342	4.521	2.476
267.0	92.0	6.62	1.059	45.628	11.012	4.144	3.201	4.211	16.33	0.000	0.000	6.58	1.030	45.623	11.010	4.144	3.195	4.212	0.000	45.623	11.010	4.144	3.195
463.0	101.4	6.55	1.008	42.753	13.788	3.101	2.408	4.254	20.94	0.218	0.211	6.55	1.005	42.752	13.788	3.101	2.408	4.254	0.211	42.752	13.788	3.101	2.408
756.0	113.4	6.46	0.953	37.272	16.030	2.325	1.814	4.749	25.68	0.648	0.597	6.46	0.953	37.272	16.030	2.325	1.814	4.749	0.597	37.272	16.030	2.325	1.814
1050.0	127.4	6.38	0.911	33.889	16.846	2.012	1.583	5.551	27.92	0.990	1.007	6.38	0.911	33.889	16.846	2.012	1.583	5.551	1.007	33.889	16.846	2.012	1.583
1286.0	136.9	6.26	0.889	32.294	17.322	1.864	1.473	6.039	29.31	1.286	1.233	6.26	0.889	32.294	17.322	1.864	1.473	6.039	1.233	32.294	17.322	1.864	1.473
1776.0	153.1	6.08	0.856	31.245	18.312	1.706	1.360	6.654	32.06	1.652	1.593	6.08	0.856	31.245	18.312	1.706	1.360	6.654	1.593	31.245	18.312	1.706	1.360
2265.0	167.9	5.93	0.823	30.472	18.709	1.629	1.315	7.346	33.07	1.764	1.670	5.93	0.823	30.471	18.709	1.629	1.315	7.346	1.670	30.471	18.709	1.629	1.315
2752.0	175.4	5.77	0.796	29.015	18.454	1.572	1.283	7.932	33.23	1.812	1.744	5.77	0.796	29.015	18.454	1.572	1.283	7.932	1.744	29.015	18.454	1.572	1.283
2950.0	181.5	5.69	0.788	28.965	18.661	1.552	1.270	8.174	33.70	1.888	1.830	5.69	0.788	28.965	18.661	1.552	1.270	8.174	1.830	28.965	18.661	1.552	1.270

82099

Table 3 (concluded)

$M_0 = 1.538$ $Re/m = 9.96 \times 10^6$

				CONSTANT PW								MEASURED P								CALCULATED P			
X	DEL 995	RE/M	ME	DEL*	THETA	H	HBAR	HI	DELE	CFP	CF	RE/M	ME	DEL*	THETA	H	HBAR	HI	CF	DELBAR	THETABAR	H	HBAR
MM	MM	X10-6		MM	MM				MM	X10+3	X10+3	X10-6		MM	MM				X10+3	MM	MM		
-756.0	30.6	9.92	1.536	5.702	2.437	2.340	1.269	10.215	4.42	1.867	1.845	9.92	1.536	5.702	2.437	2.340	1.269	10.215	1.845	5.702	2.437	2.340	1.269
-658.0	32.3	9.92	1.544	5.961	2.534	2.353	1.270	10.396	4.60	1.874	1.777	9.92	1.544	5.961	2.534	2.353	1.270	10.396	1.777	5.961	2.534	2.353	1.270
-562.0	32.3	9.90	1.548	6.205	2.633	2.357	1.269	9.912	4.75	1.851	1.736	9.90	1.548	6.205	2.633	2.357	1.269	9.912	1.736	6.205	2.633	2.357	1.269
-466.0	33.3	9.91	1.554	6.270	2.664	2.354	1.261	10.146	4.85	1.924	.836	9.91	1.554	6.270	2.664	2.354	1.261	10.146	1.836	6.270	2.664	2.354	1.261
-370.0	33.9	9.88	1.542	6.526	2.774	2.353	1.272	9.870	5.03	1.796	1.735	9.88	1.542	6.526	2.774	2.353	1.272	9.870	1.735	6.526	2.774	2.353	1.272
-319.0	34.8	9.95	1.542	6.730	2.857	2.355	1.274	9.823	5.18	1.789	1.716	9.95	1.542	6.730	2.857	2.355	1.274	9.823	1.716	6.730	2.857	2.355	1.274
-268.0	35.5	9.96	1.538	6.895	2.932	2.352	1.275	9.757	5.31	1.778	1.680	9.96	1.538	6.895	2.932	2.352	1.275	9.757	1.680	6.895	2.932	2.352	1.275
-245.0	36.0	9.98	1.525	6.922	2.972	2.329	1.276	9.783	5.38	1.757	1.705	10.00	1.541	6.933	2.970	2.334	1.278	9.786	1.700	6.950	2.955	2.352	1.274
-219.0	37.1	9.92	1.456	7.192	3.176	2.264	1.307	9.416	5.69	1.548	1.494	9.99	1.512	7.299	3.196	2.284	1.318	9.324	1.476	7.289	3.205	2.275	1.291
-196.0	35.9	9.87	1.392	7.312	3.318	2.204	1.346	8.617	5.86	1.286	1.319	10.03	1.532	7.757	3.439	2.256	1.383	8.184	1.278	7.627	3.556	2.145	1.357
-169.0	36.1	9.81	1.288	7.886	3.549	2.222	1.454	7.949	6.13	0.777	0.866	9.94	1.420	8.277	3.669	2.256	1.486	7.584	0.833	8.150	3.839	2.123	1.449
-147.0	36.9	10.00	1.235	9.939	4.121	2.412	1.666	6.543	6.95	0.231	0.296	10.23	1.443	10.897	4.540	2.400	1.683	5.728	0.278	10.782	4.706	2.291	1.661
-122.0	38.7	10.42	1.218	13.884	4.870	2.851	1.970	5.096	7.95	0.000	0.000	10.48	1.272	13.904	4.909	2.833	1.979	5.051	0.000	13.831	5.047	2.740	1.949
-96.0	50.8	10.54	1.186	17.768	5.525	3.216	2.291	5.979	8.90	0.000	0.000	10.61	1.239	17.747	5.581	3.180	2.287	5.922	0.000	17.678	5.720	3.091	2.263
-73.0	58.3	10.33	1.171	21.917	6.161	3.557	2.576	5.905	9.68	0.000	0.000	10.37	1.198	21.749	6.241	3.485	2.531	5.857	0.000	21.736	6.277	3.463	2.519
-24.0	64.5	10.28	1.140	29.623	6.545	4.526	3.386	5.329	10.22	0.000	0.000	10.30	1.155	29.204	6.779	4.308	3.217	5.207	0.000	29.275	6.637	4.411	3.210
25.0	69.6	10.28	1.121	35.965	7.056	5.097	3.873	4.767	10.83	0.000	0.000	10.17	1.061	35.172	7.585	4.637	3.474	4.539	0.000	35.172	7.585	4.637	3.474
125.0	78.0	10.23	1.090	42.351	8.372	5.059	3.896	4.258	12.71	0.000	0.000	10.15	1.047	42.338	8.370	5.058	3.879	4.261	0.000	42.338	8.370	5.058	3.879
223.0	81.8	10.17	1.063	41.932	10.464	4.007	3.084	3.810	15.59	0.000	0.000	10.10	1.031	41.933	10.462	4.008	3.078	3.811	0.000	41.933	10.462	4.008	3.078
270.0	84.5	10.19	1.050	41.284	10.801	3.822	2.951	4.001	16.11	0.000	0.000	10.14	1.028	41.284	10.800	3.823	2.948	4.001	0.000	41.284	10.800	3.823	2.948
293.0	85.3	10.16	1.044	40.763	11.231	3.630	2.801	3.966	16.86	0.000	0.000	10.11	1.024	40.762	11.230	3.630	2.798	3.966	0.000	40.762	11.230	3.630	2.798
321.0	87.8	10.16	1.035	40.989	11.365	3.607	2.794	4.119	16.99	0.000	0.000	10.13	1.019	40.990	11.364	3.607	2.792	4.119	0.000	40.990	11.364	3.607	2.792
415.0	92.4	10.08	1.012	39.794	12.412	3.206	2.490	4.238	18.79	0.183	0.175	10.05	1.003	39.794	12.413	3.206	2.491	4.238	0.176	39.794	12.413	3.206	2.491
514.0	95.5	10.13	0.988	37.921	13.172	2.879	2.245	4.371	20.23	0.245	0.233	10.12	0.986	37.920	13.172	2.879	2.245	4.371	0.233	37.920	13.172	2.879	2.245
612.0	99.1	9.97	0.969	36.716	14.142	2.596	2.028	4.411	22.14	0.376	0.401	9.97	0.969	36.716	14.142	2.596	2.028	4.411	0.401	36.716	14.142	2.596	2.028
710.0	103.7	9.93	0.953	34.866	14.551	2.396	1.874	4.731	23.16	0.618	0.490	9.93	0.953	34.866	14.551	2.396	1.874	4.731	0.490	34.866	14.551	2.396	1.874
808.0	107.5	9.84	0.937	33.757	14.995	2.251	1.766	4.918	24.18	0.661	0.641	9.84	0.937	33.757	14.995	2.251	1.766	4.918	0.641	33.757	14.995	2.251	1.766
906.0	111.0	9.76	0.919	32.698	15.282	2.140	1.686	5.124	24.98	0.703	0.719	9.76	0.919	32.697	15.282	2.140	1.686	5.124	0.719	32.697	15.282	2.140	1.686
1004.0	114.6	9.70	0.906	31.437	15.398	2.042	1.613	5.401	25.58	0.865	0.866	9.70	0.906	31.437	15.398	2.042	1.613	5.401	0.866	31.437	15.398	2.042	1.613
1146.0	120.9	9.48	0.892	30.923	16.077	1.923	1.522	5.597	26.97	1.187	1.102	9.48	0.892	30.923	16.077	1.923	1.522	5.597	1.102	30.923	16.077	1.923	1.522
1240.0	123.4	9.39	0.885	29.533	15.867	1.861	1.474	5.916	27.05	1.241	1.218	9.39	0.885	29.533	15.867	1.861	1.474	5.916	1.218	29.533	15.867	1.861	1.474
1534.0	134.4	9.39	0.859	29.489	16.837	1.751	1.398	6.231	29.12	1.461	1.384	9.39	0.859	29.489	16.837	1.751	1.398	6.231	1.384	29.489	16.837	1.751	1.398
1925.0	146.1	9.26	0.836	29.044	17.372	1.672	1.344	6.738	30.46	1.614	1.449	9.26	0.836	29.044	17.372	1.672	1.344	6.738	1.449	29.044	17.372	1.672	1.344
2317.0	154.6	9.13	0.817	28.010	17.470	1.603	1.297	7.246	31.11	1.783	1.621	9.13	0.817	28.010	17.470	1.603	1.297	7.246	1.621	28.010	17.470	1.603	1.297
2708.0	162.8	8.62	0.792	26.789	17.214	1.556	1.271	7.901	30.74	1.984	1.824	8.62	0.792	26.789	17.214	1.556	1.271	7.901	1.824	26.789	17.214	1.556	1.271
2904.0	161.4	8.80	0.781	25.523	16.653	1.533	1.257	8.159	30.08	1.964	1.778	8.80	0.781	25.523	16.653	1.533	1.257	8.159	1.778	25.523	16.653	1.533	1.257

LIST OF SYMBOLS

(Bracketed symbols represent computer headings)

A,B		'law of the wall' constants in equation (28)
C_f	(CF)	local skin friction coefficient obtained from East's prediction of the law of the wall; see equation (6)
C_{f_p}	(CFP)	local skin friction coefficient based on Patel's Preston tube calibration as formulated by Head and Vasanta Ram; see section 3.3
C_p		pressure coefficient based on local conditions
d		probe diameter
D		constant in equation (6)
E_f		equilibrium factor in equation (36)
E_p		equilibrium factor in equation (37)
F		compressibility factor in equation (6)
G		Clauser shape parameter in equation (32)
h		distance of probe centre line above wall
H	(H)	boundary layer shape parameter in equations (9) and (13)
$\bar{H}$	(HBAR)	boundary layer shape parameter in equations (10), (14) and (20)
H_1	(HI)	boundary layer shape parameter $\frac{\delta_{0.995} - \delta^*}{\theta}$
J,K		normalised 'law of the wake' constants in equation (41)
l		effective turbulent run ahead of normal part of shock wave
M	(M)	Mach number
	(ME)	Mach number at edge of boundary layer
p	(P)	static pressure
	(PI)	equivalent inviscid static pressure
p_{t_0}	(PTO)	tunnel total pressure
p_{t_1}		local total pressure
Re	(RE)	unit Reynolds number; see equation (3)
T		temperature in Kelvins
	(TO)	total temperature in Kelvins
U		horizontal component of velocity
	(UE)	horizontal component of velocity at edge of boundary layer
ΔU		wake component of velocity profile
U_τ		friction velocity

LIST OF SYMBOLS (concluded)

U_τ^i		equivalent incompressible friction velocity; see equation (26)
V		vertical component of velocity
X		streamwise position relative to the normal part of the main shock wave
y	(Y)	equivalent height above wall; see equations (1) and (2)
y*		non-dimensionalised y with respect to wall parameters in equation (6)
Z		distance perpendicular to flow but parallel to surface
δ		boundary layer thickness
$\delta_{0.995}$	(DEL995)	boundary layer thickness at $U/U_\delta = 0.995$
$\delta_{0.999}$		boundary layer thickness at $U/U_\delta = 0.999$
δ_E	(DELE)	boundary layer energy thickness; see equation (15)
$\bar{\delta}$	(DELBAR)	bounda.y layer thickness parameters; see equation (7)
δ^*	(DEL*)	boundary layer displacement thickness; see equations (11) and (18)
θ	(THETA)	boundary layer momentum thickness; see equations (12) and [illegible]
$\bar{\theta}$	(THETABAR)	boundary layer thickness parameter; see equation (8)
κ		mixing length constant in equation (27)
κ		surface curvature
μ		viscosity of fluid
ν		kinematic viscosity of fluid
Π		pressure gradient parameter for equilibrium flows; see equation (5)
ρ		density

Subscripts

i	equivalent inviscid flow quantities
I	inner static pressure probe
m	measured quantities
N	normalised quantities
0	free-stream conditions before start of interaction
p	intermediate equivalent inviscid flow quantities
O	outer static pressure probe
w	wall conditions
A,B,C	regions in Fig 28a&b
δ	edge of boundary layer conditions

Superscript

i	equivalent incompressible flow quantities

AD-A132 033 A STUDY OF NORMAL SHOCK-WAVE TURBULENT BOUNDARY-LAYER INTERACTIONS AT MAC..(U) ROYAL AIRCRAFT ESTABLISHMENT FARNBOROUGH (ENGLAND) W G SAWYER ET AL. OCT 82 2/2

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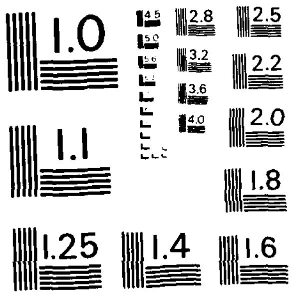

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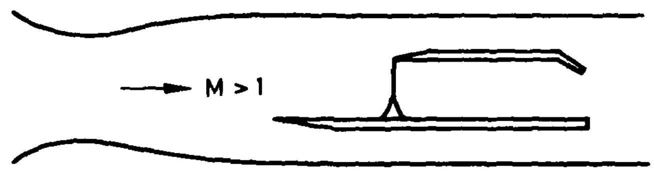
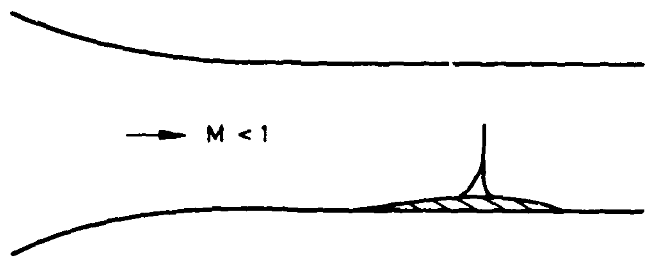
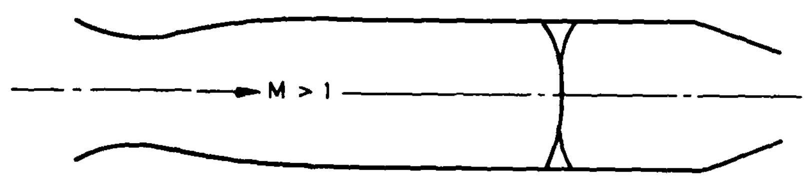


a) Flat plate with shock-wave generator and downstream choking flap



b) Transonic bump



c) Conical shock in circular section

Fig 1a-c Three techniques for producing a normal shock-wave boundary-layer interaction

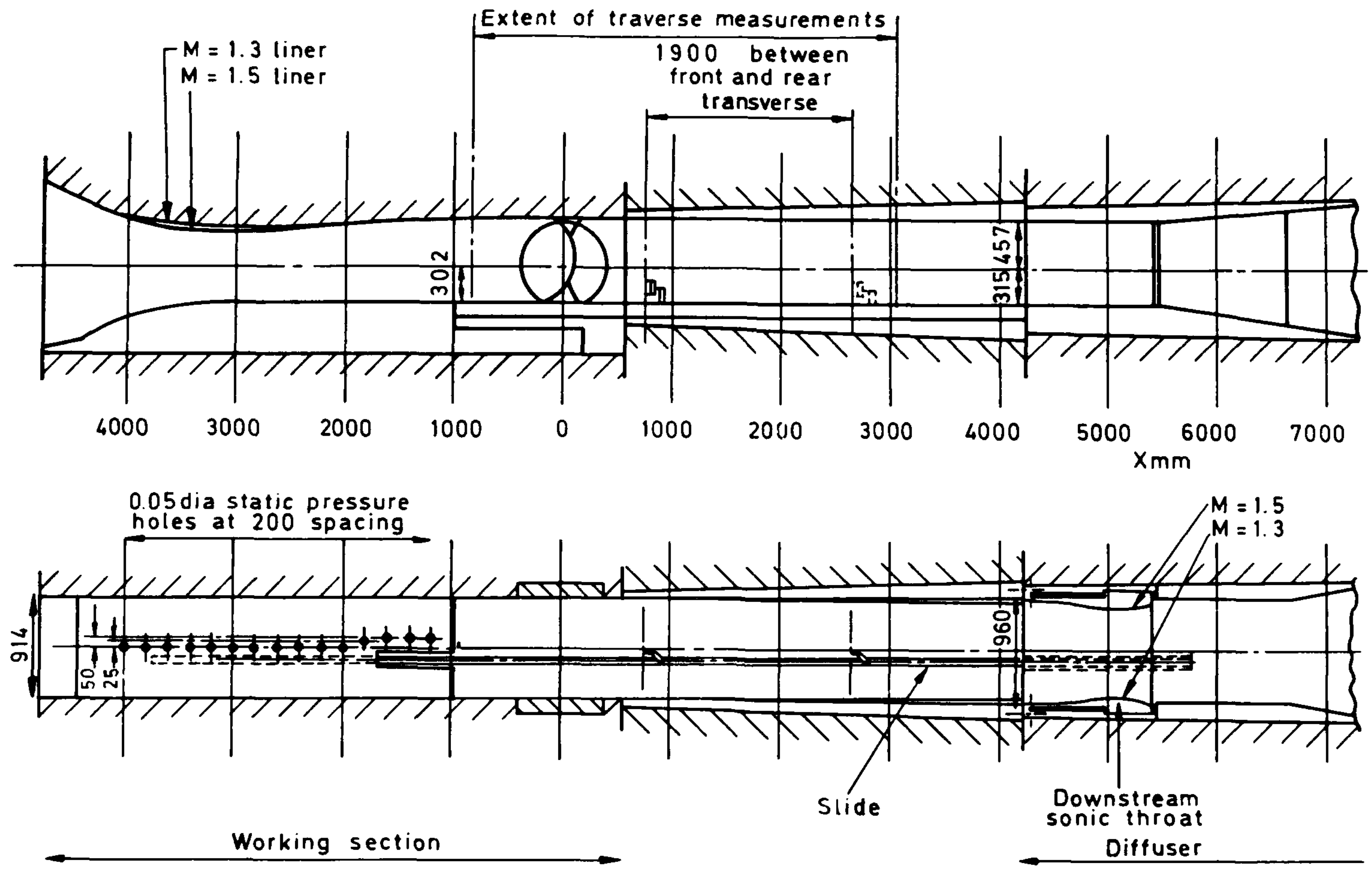


Fig 2 Experimental arrangement in the 3 ft x 3 ft wind tunnel

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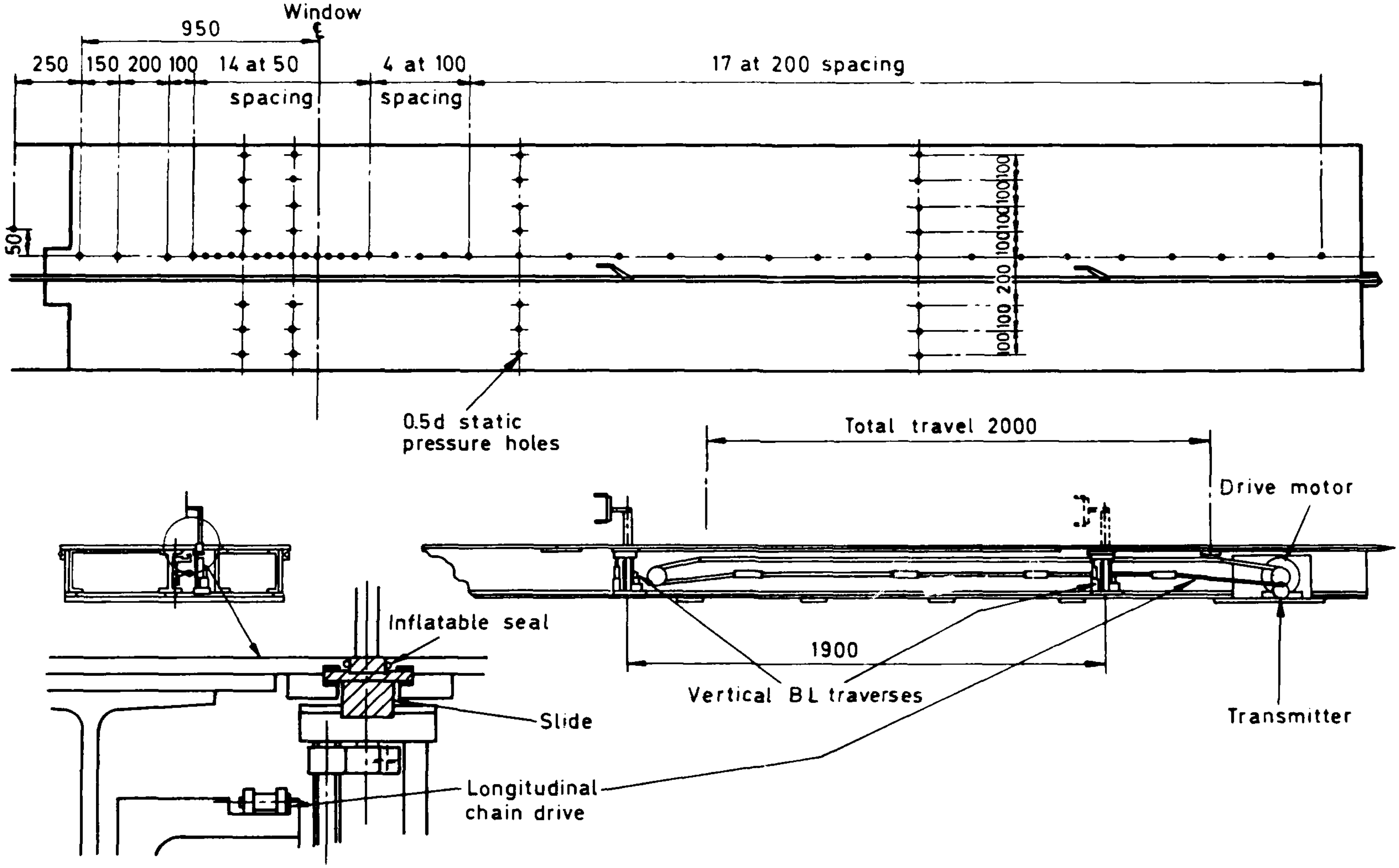

Fig 3 False floor and horizontal traverse mechanism

Fig 4

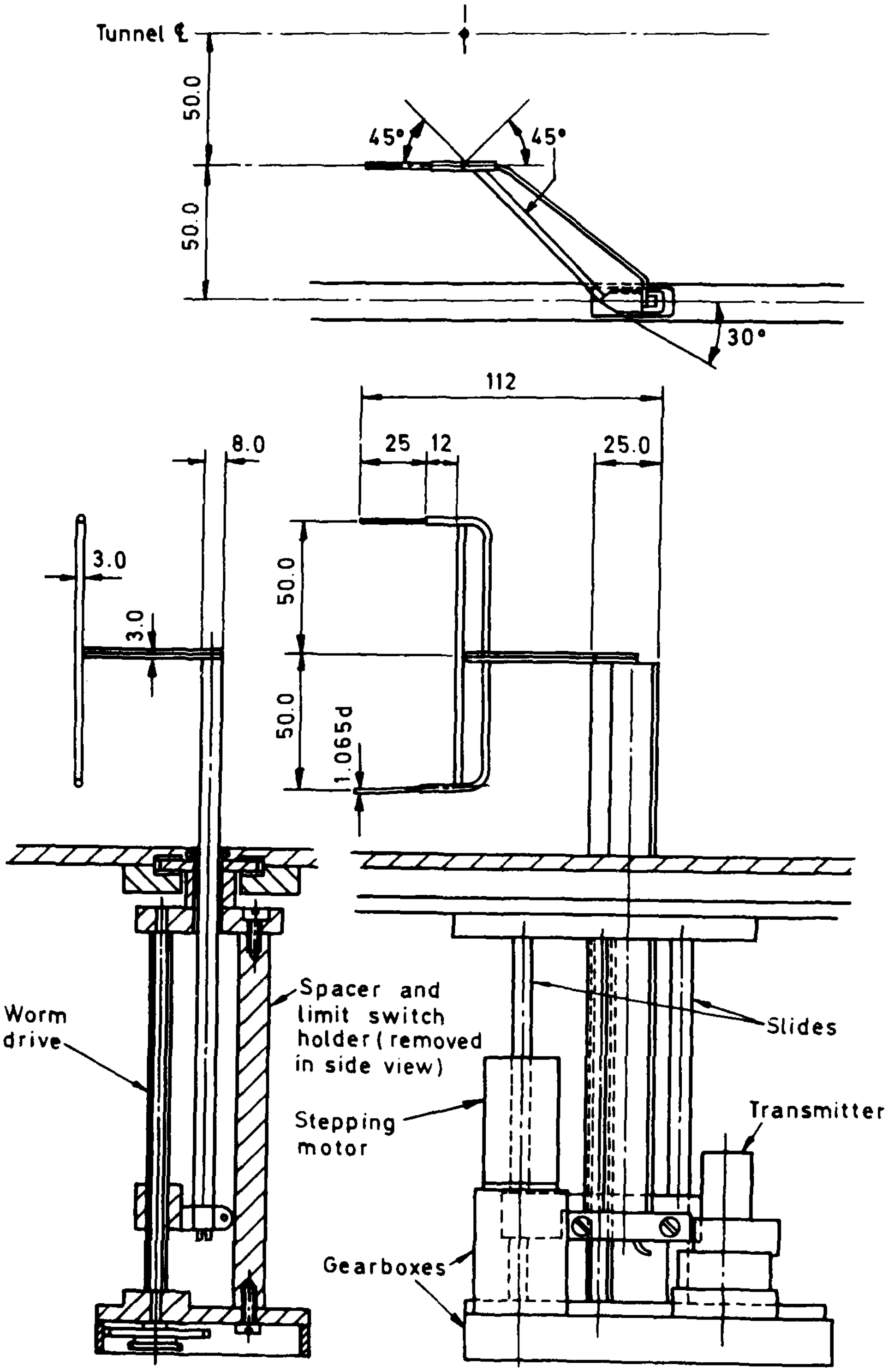

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Fig 4 Pitot traverse mechanism and twin pitot probe

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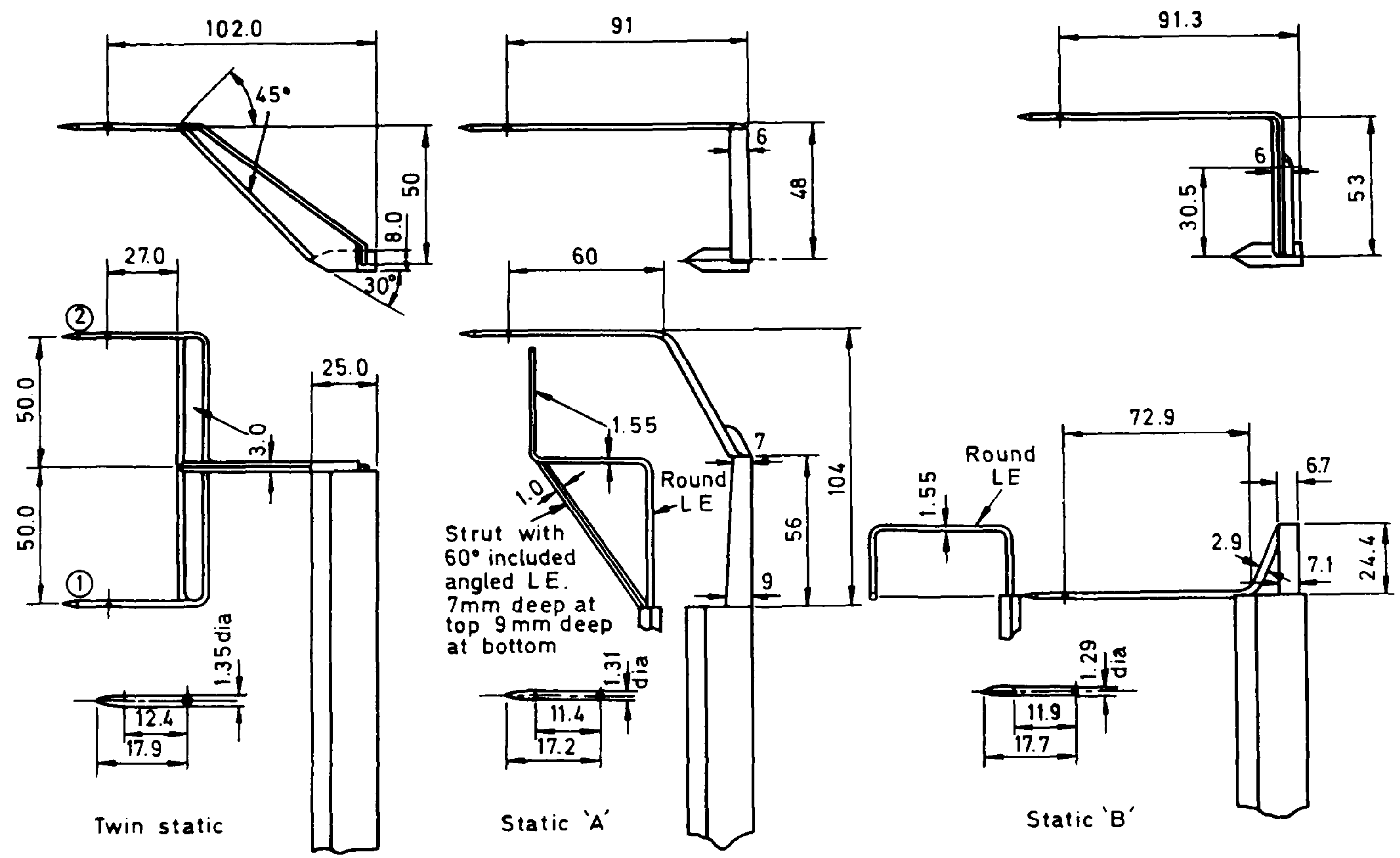

Fig 5 Details of static probes

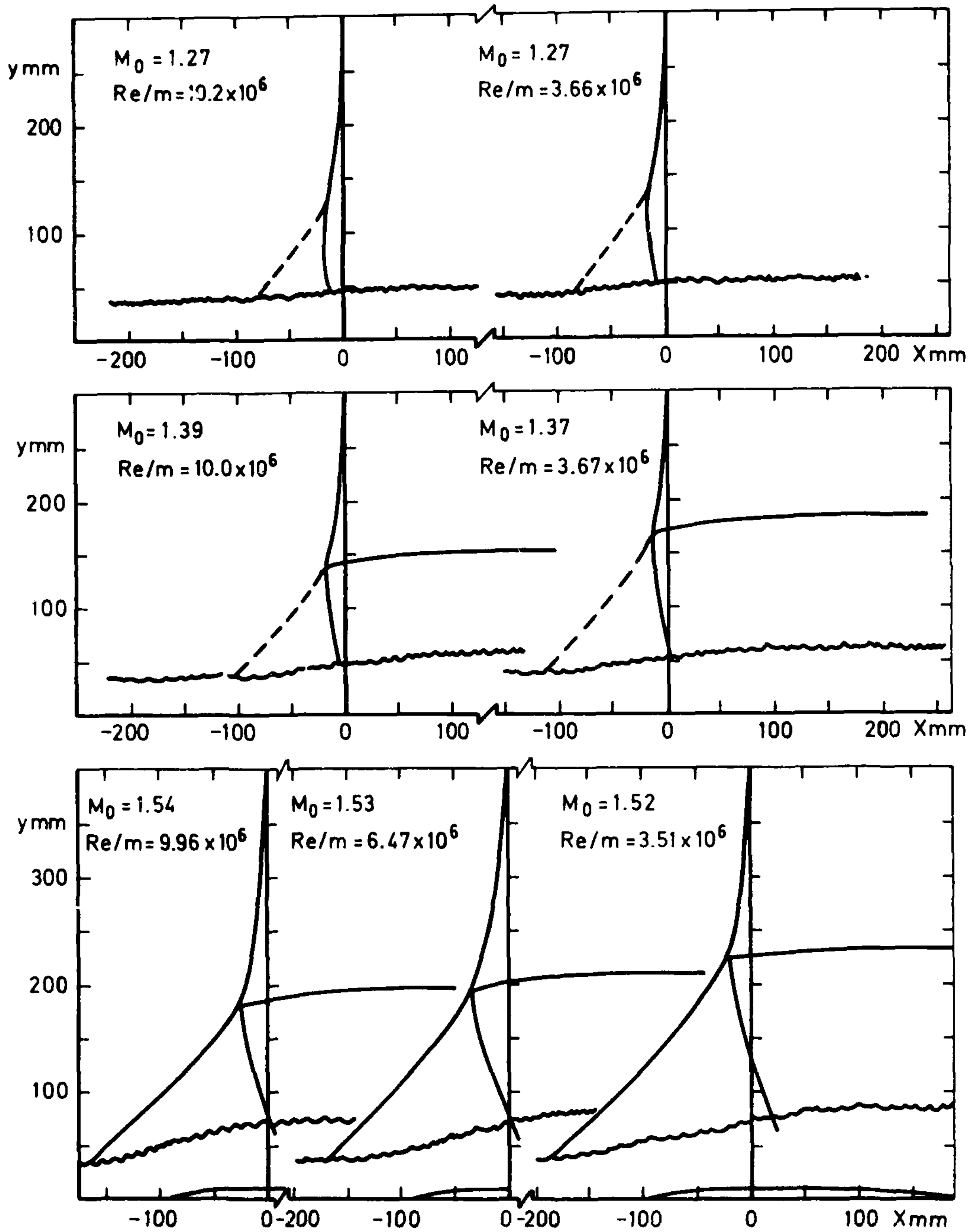

Fig 6a Normal shock-wave boundary-layer interactions

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Fig 6b

M_0 = 1.27
Re/m = 10.2×10^6

M_0 = 1.39
Re/m = 10.0×10^6

M_0 = 1.54
Re/m = 9.96×10^6

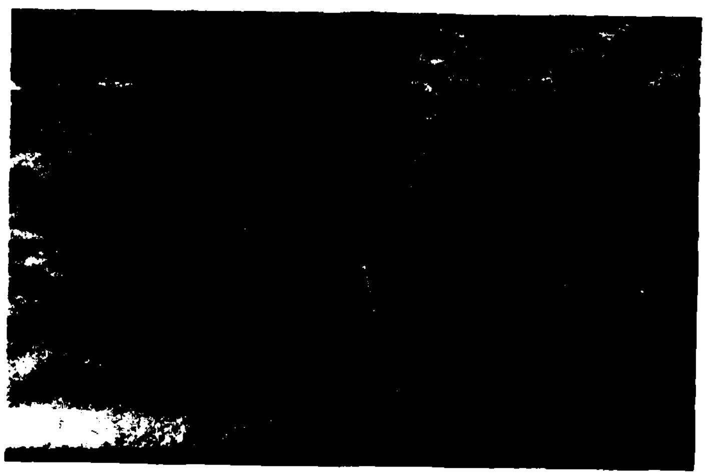

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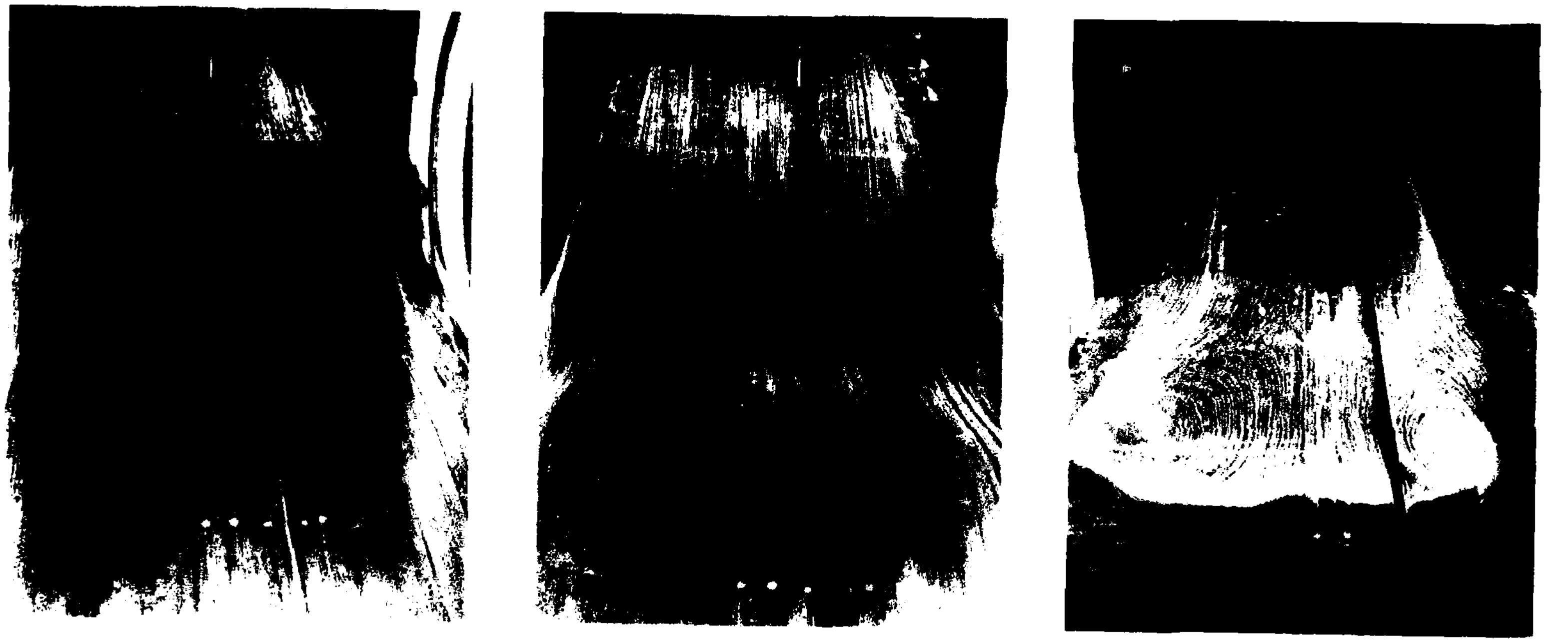
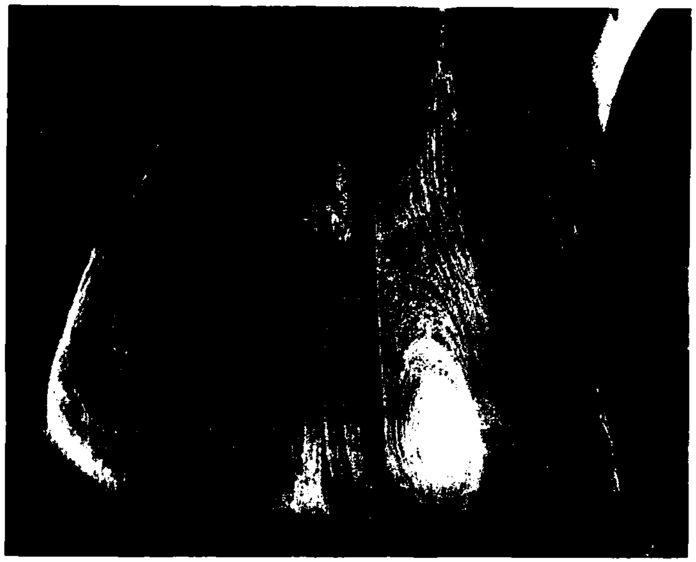
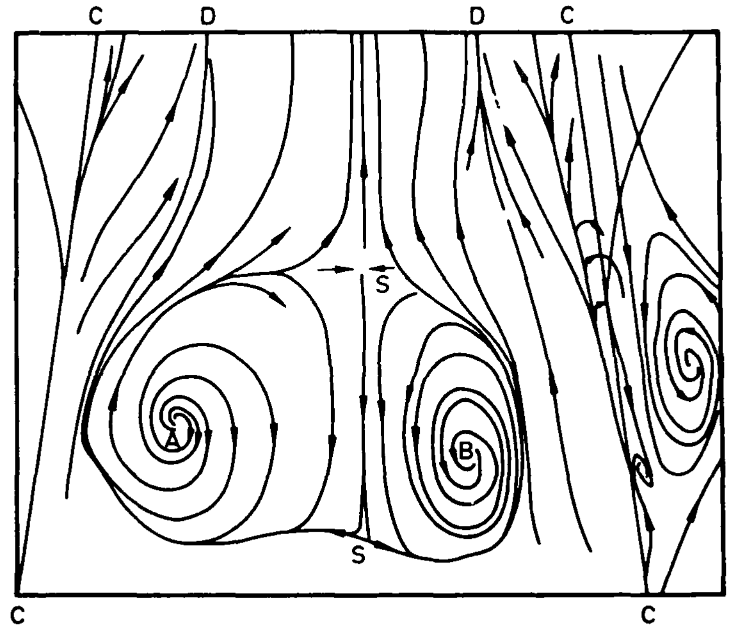
Fig 6b Schlieren photographs of normal shockwave boundary-layer interaction



M = 1.3 M = 1.4 M = 1.5

Fig 7 Oil flow under interaction regions





C Corners between floor and sidewalls
A Attachment node
B Separation node
D Strong convergence lines
S Saddle points

Fig 8 Oil flow under interaction region at $M = 1.5$

Fig 9

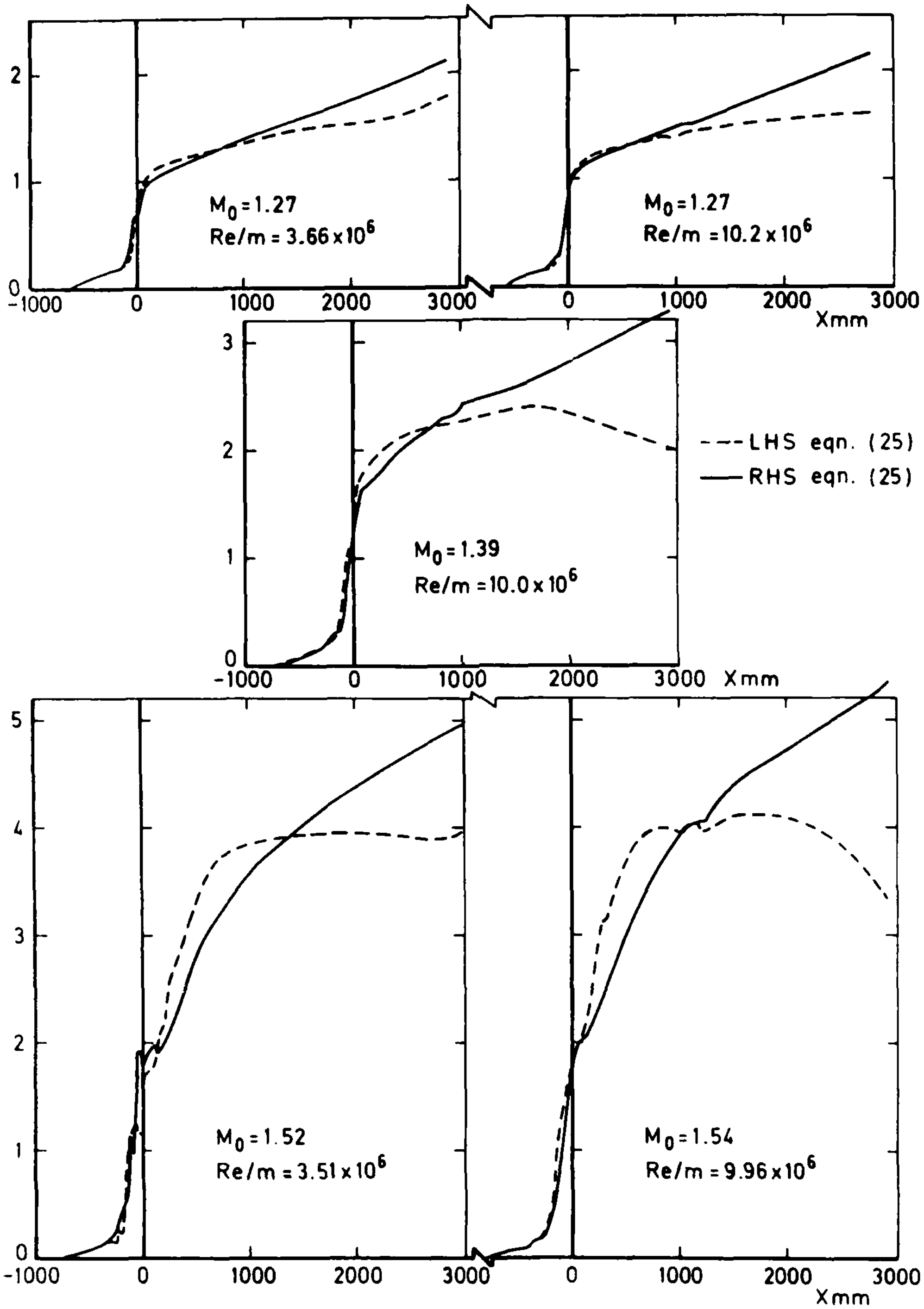


Fig 9 Momentum balance based on measured p + calculated p_i for $X < 0$

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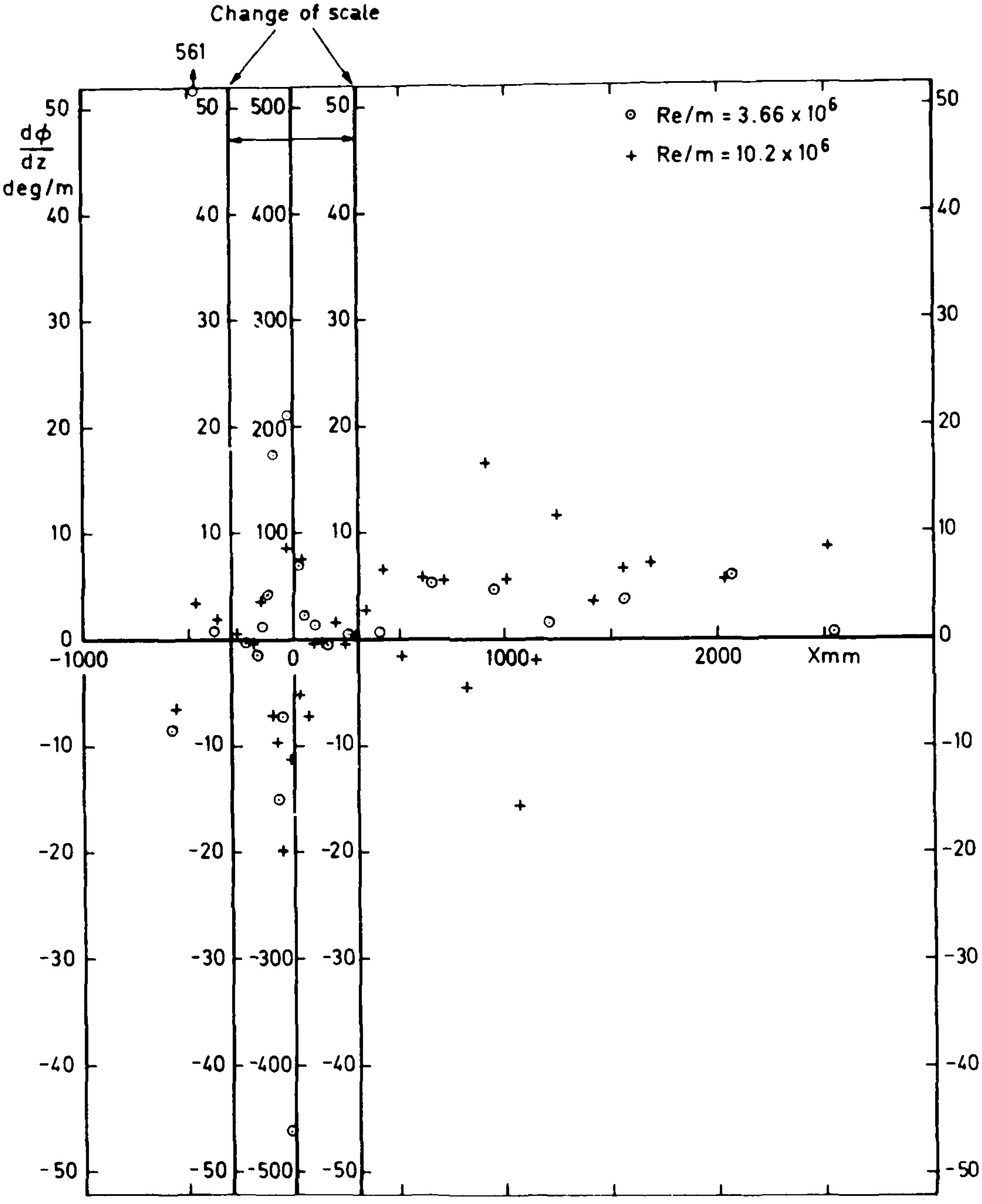

Fig 10a Flow divergence needed to balance momentum integral equation, M = 1.3

Fig 10b

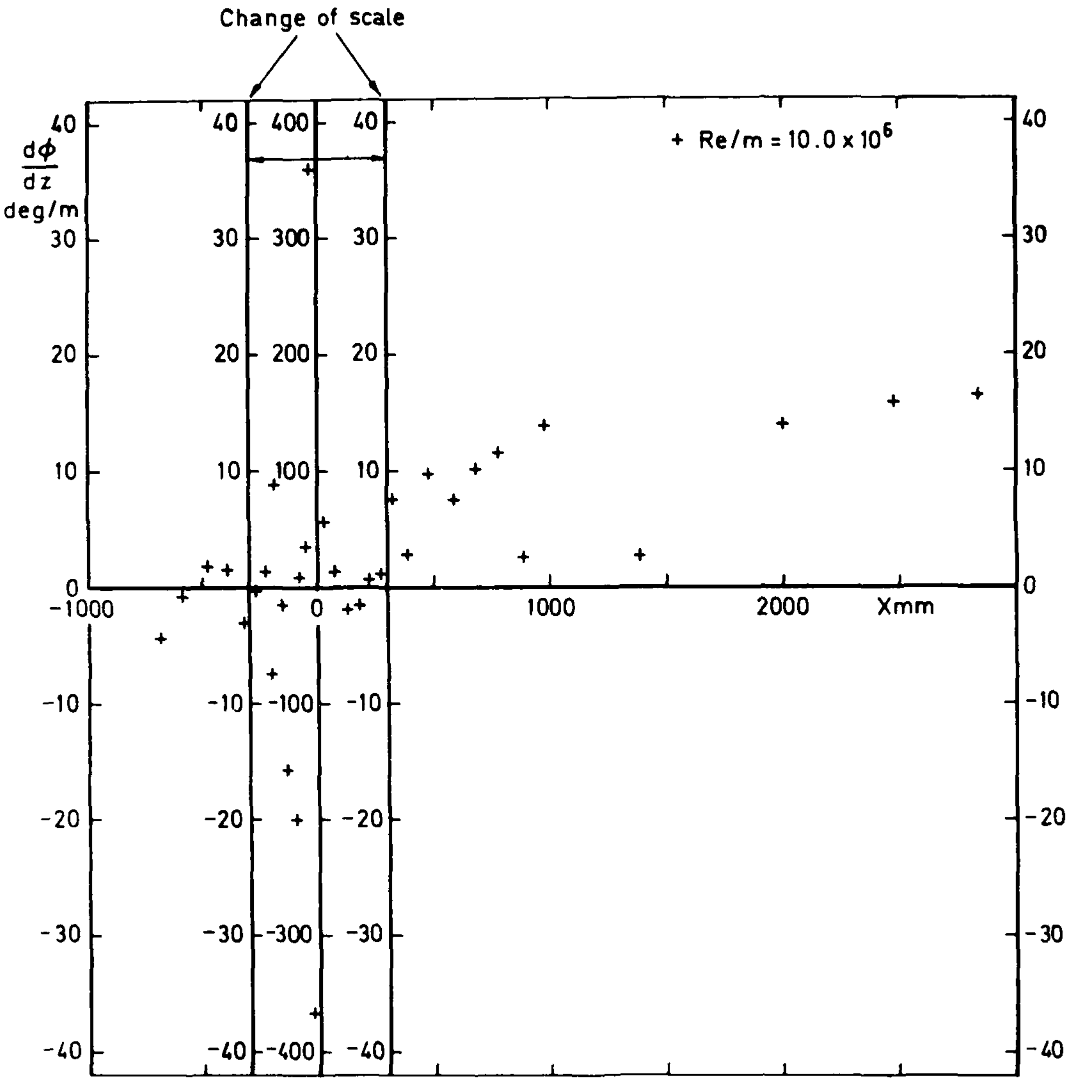

Fig 10b Flow divergence needed to balance momentum integral equation, M = 1.4

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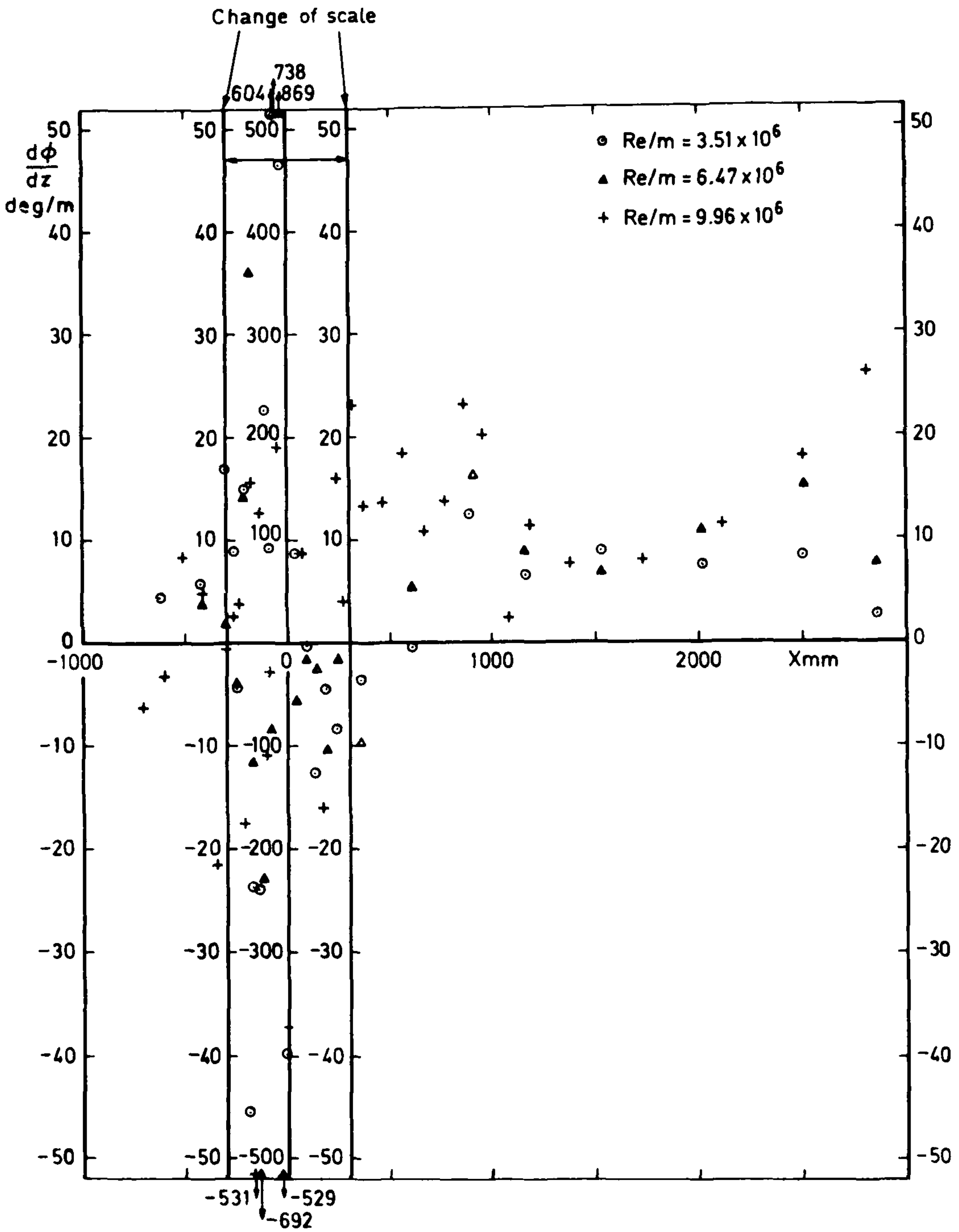

Fig 10c Flow divergence needed to balance momentum integral equation, M = 1.5

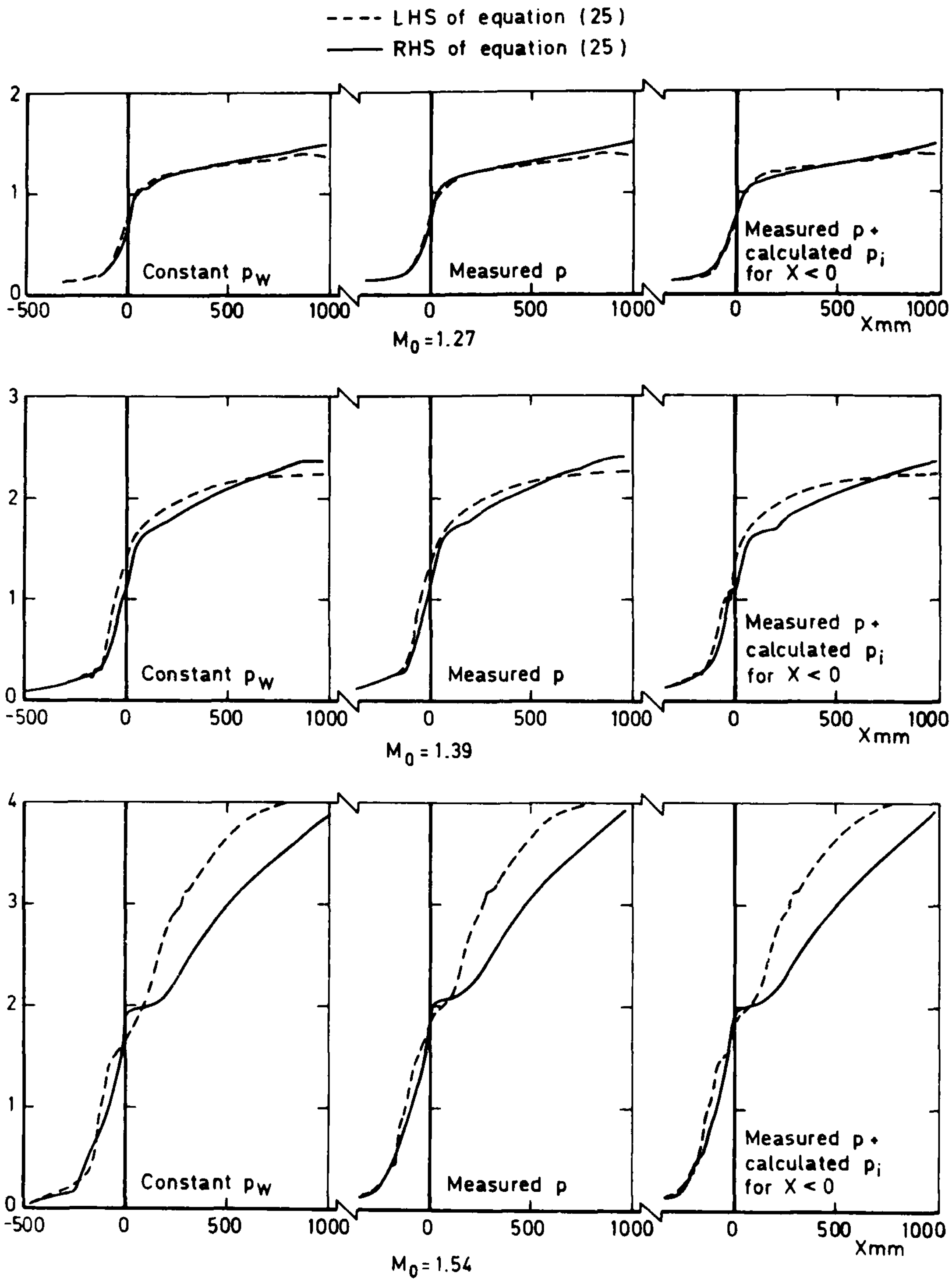

Fig 11 Comparison of momentum balance calculations at Re/m = 10 x 10^6

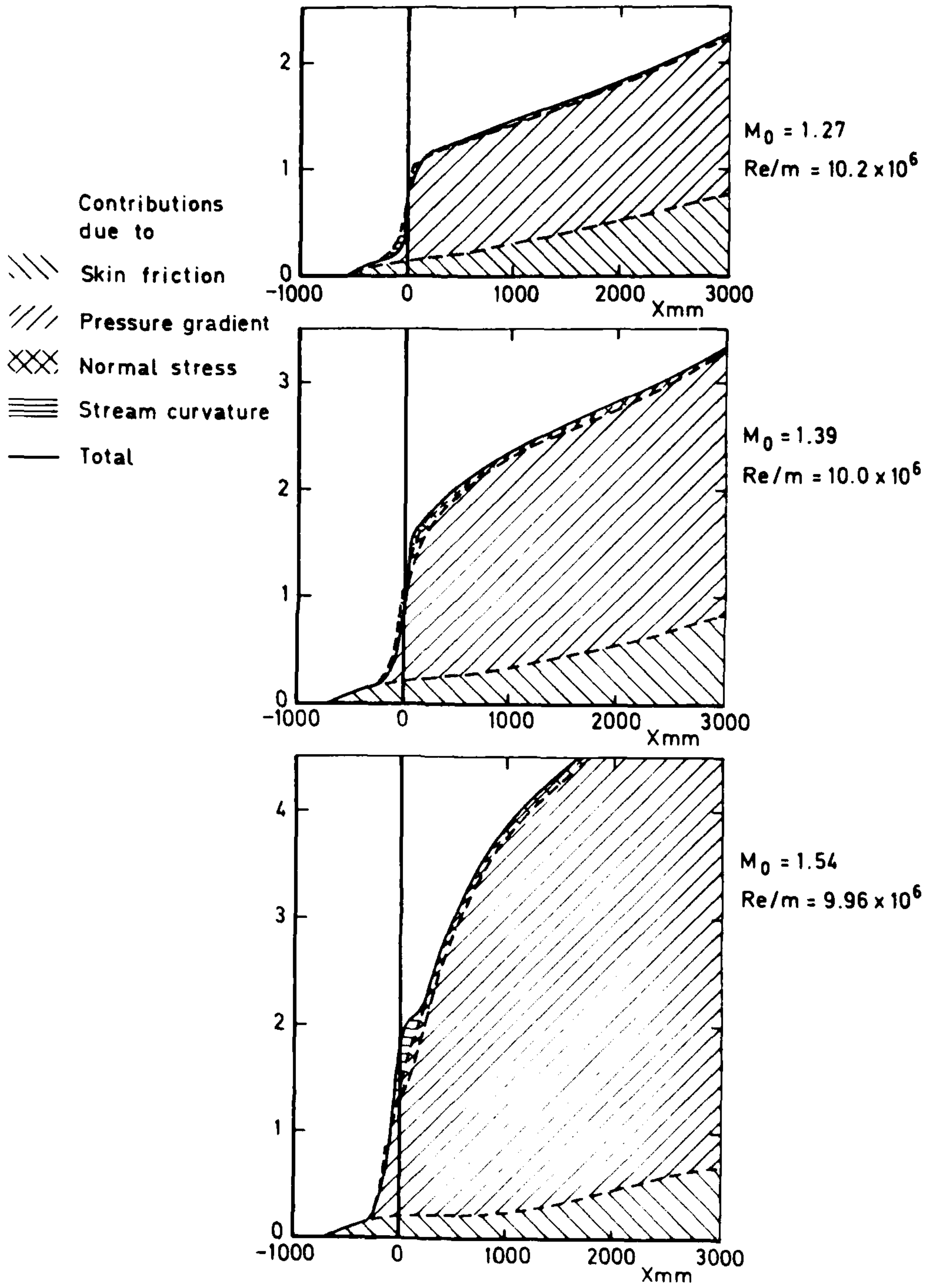

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Fig 12 Composition of right hand side of momentum integral equation (measured p + calculated p_i)

Fig 13a

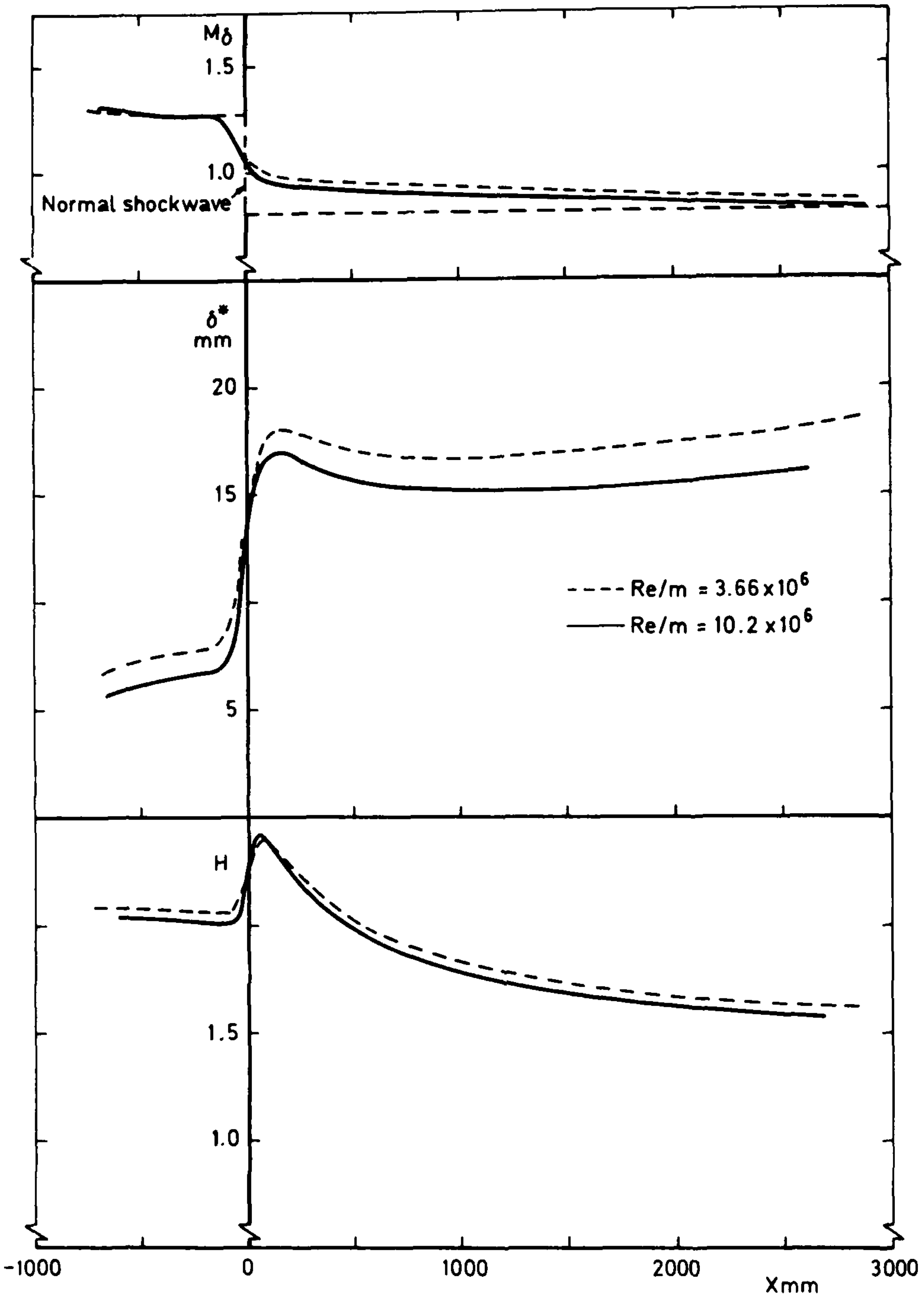

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Fig 13a Boundary layer development ($p = p_W$) M = 1.3

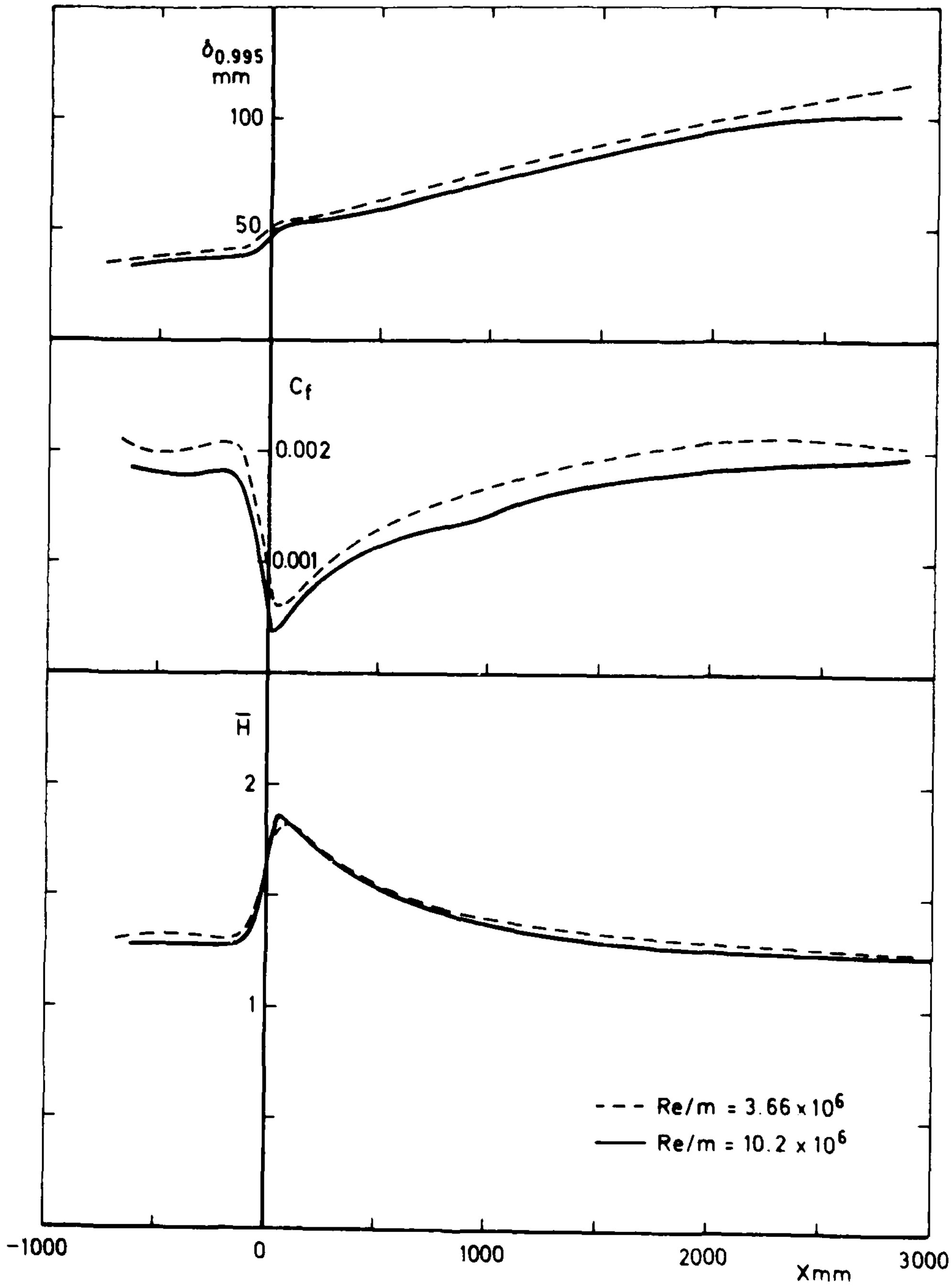

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Fig 13a (concld) Boundary layer development ($p = p_w$) M = 1.3

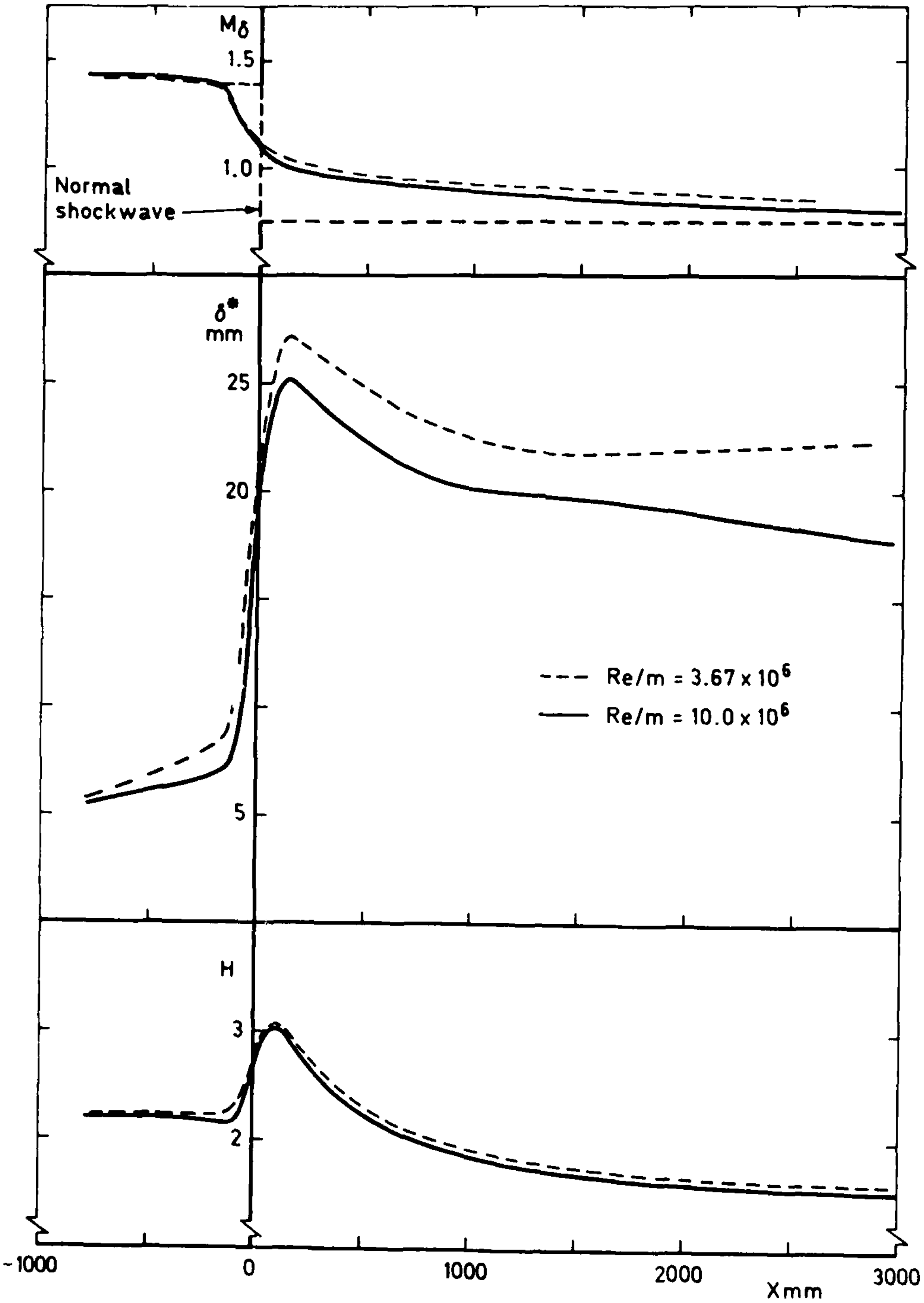

Fig 13b Boundary layer development ($p = p_w$) M = 1.4

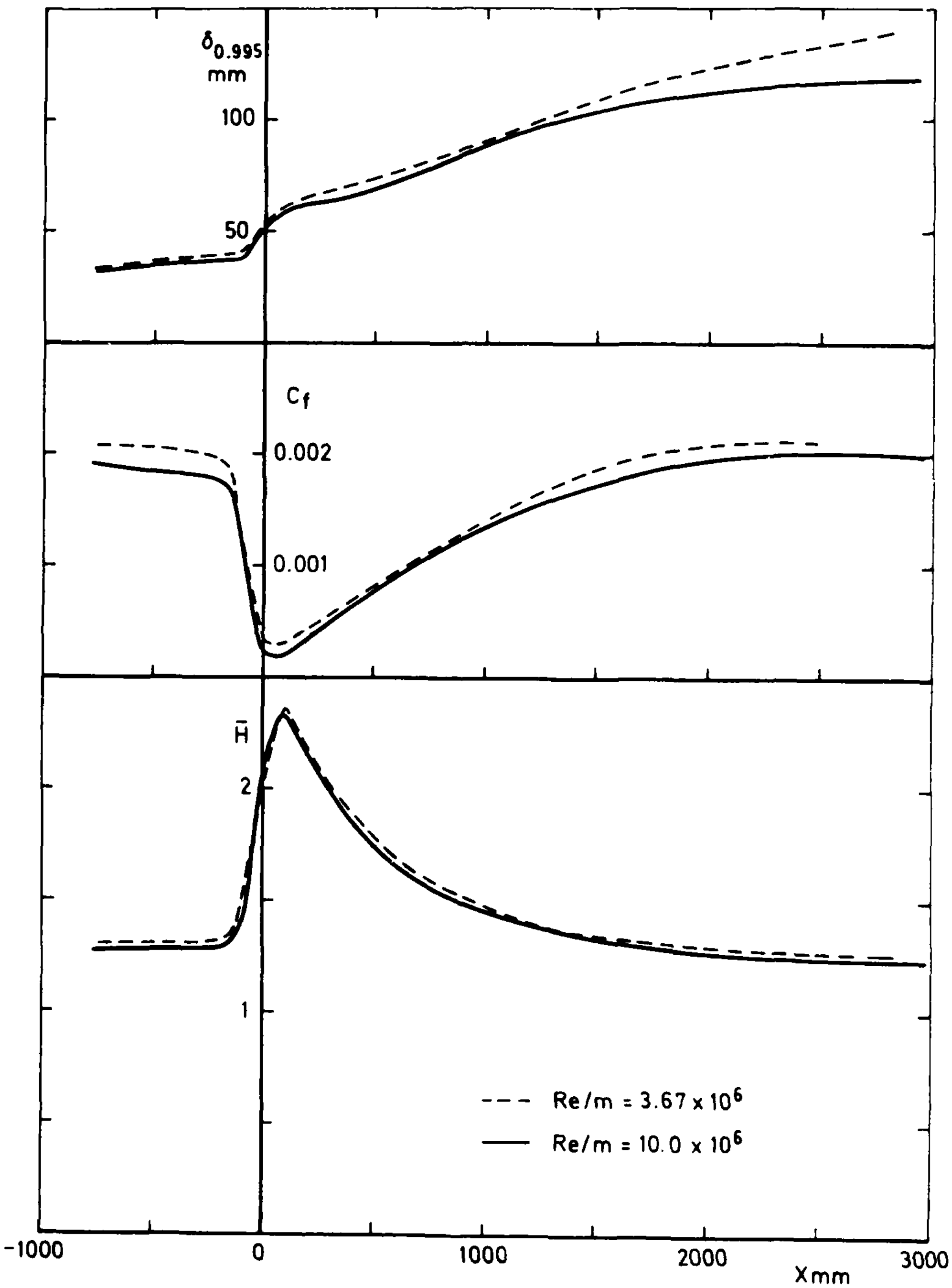

Fig 13b (concld) Boundary layer development ($p = p_w$) M = 1.4

Fig 13c

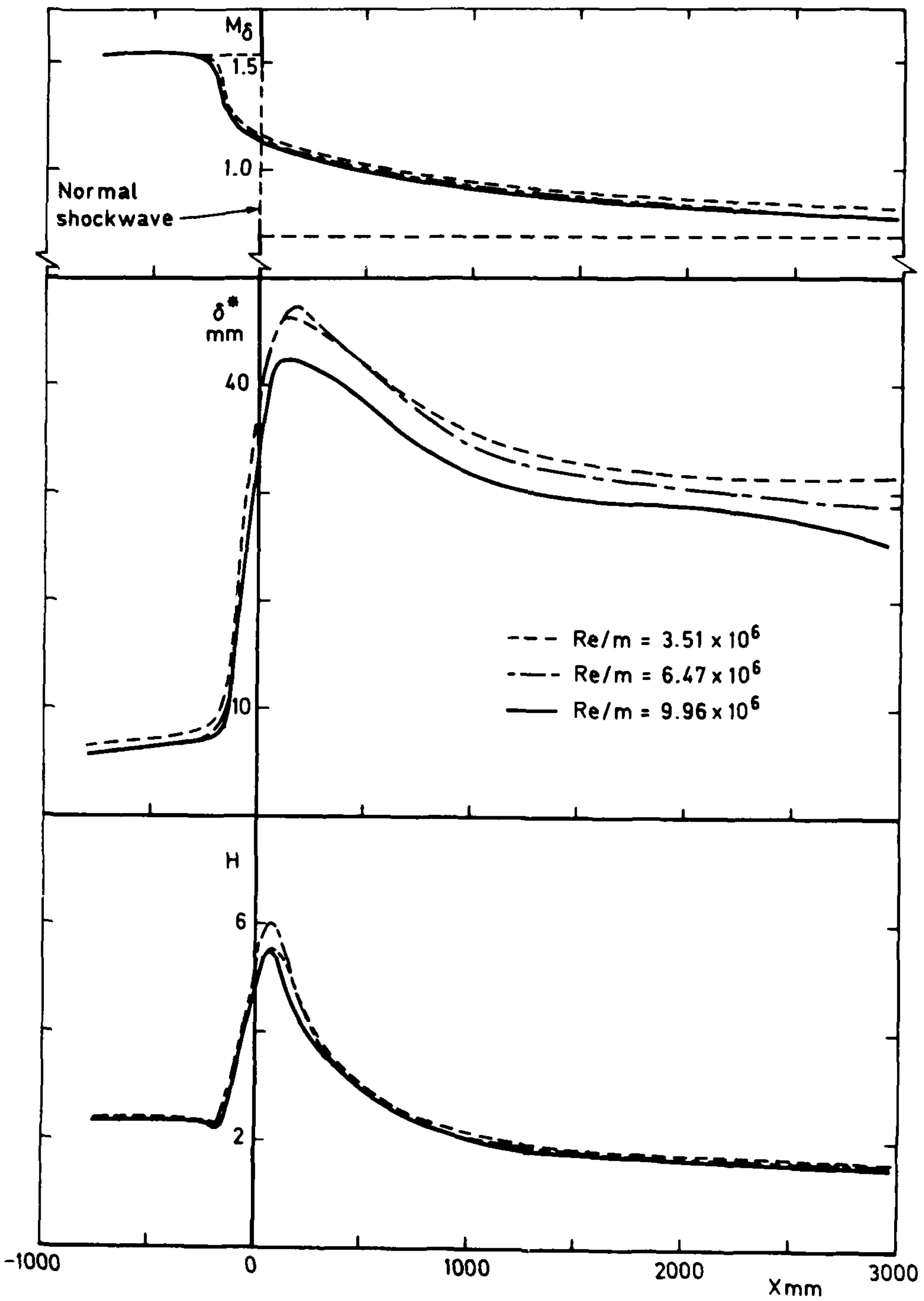

Fig 13c Boundary layer development ($p = p_w$) M = 1.5

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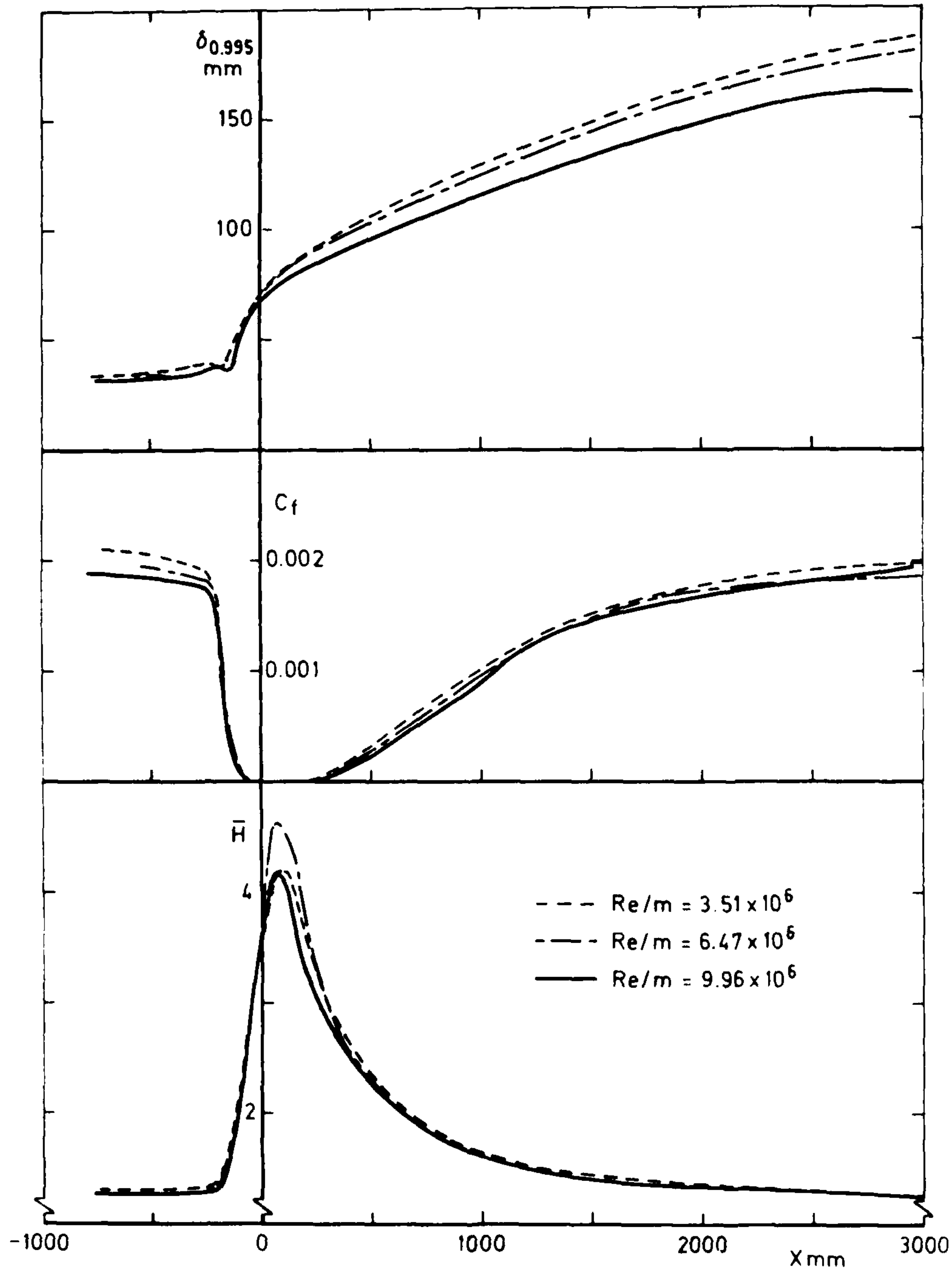

Fig 13c (concld) Boundary layer development ($p = p_w$) M = 1.5

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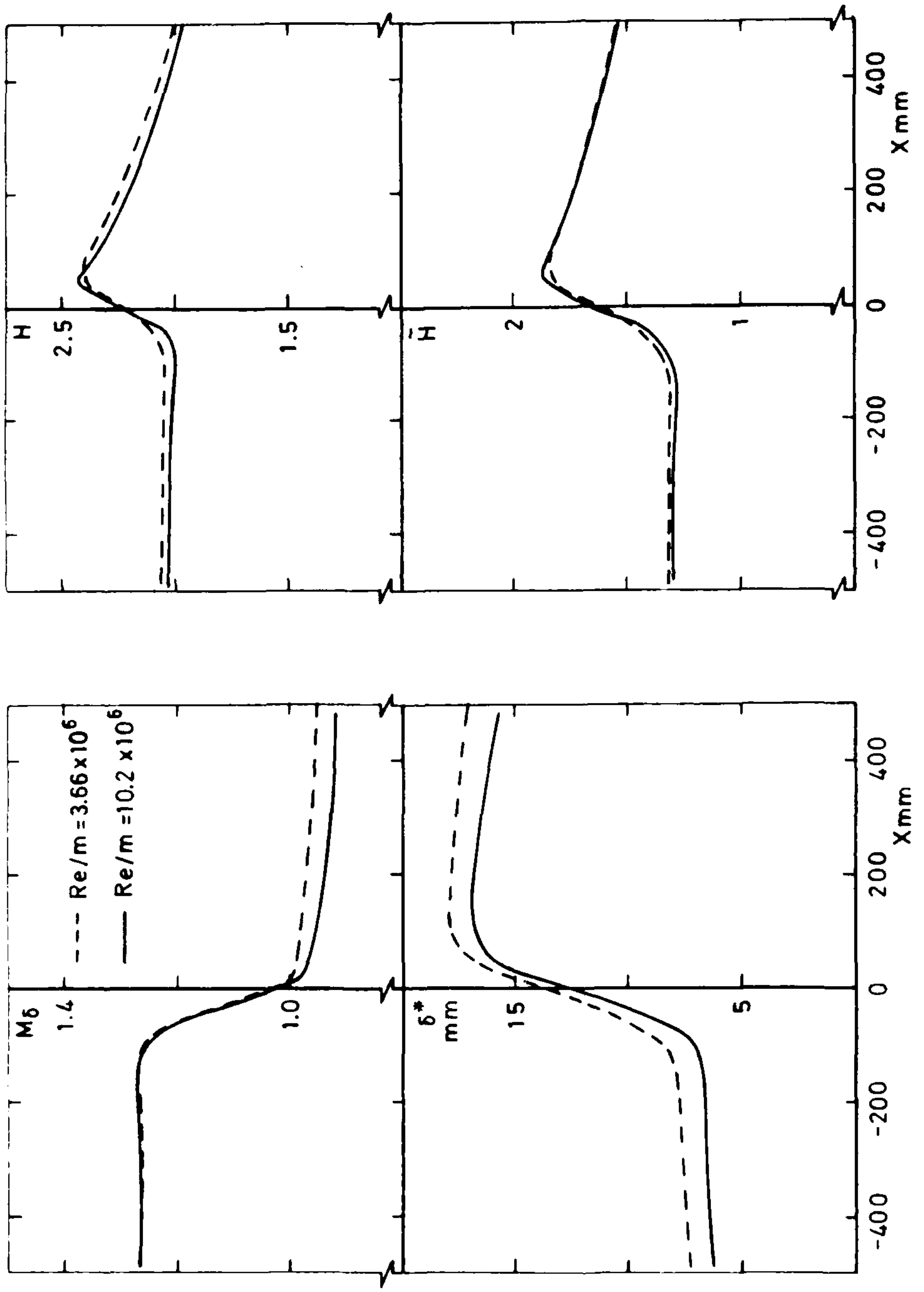

Fig 14a Boundary layer development (measured p) M = 1.3

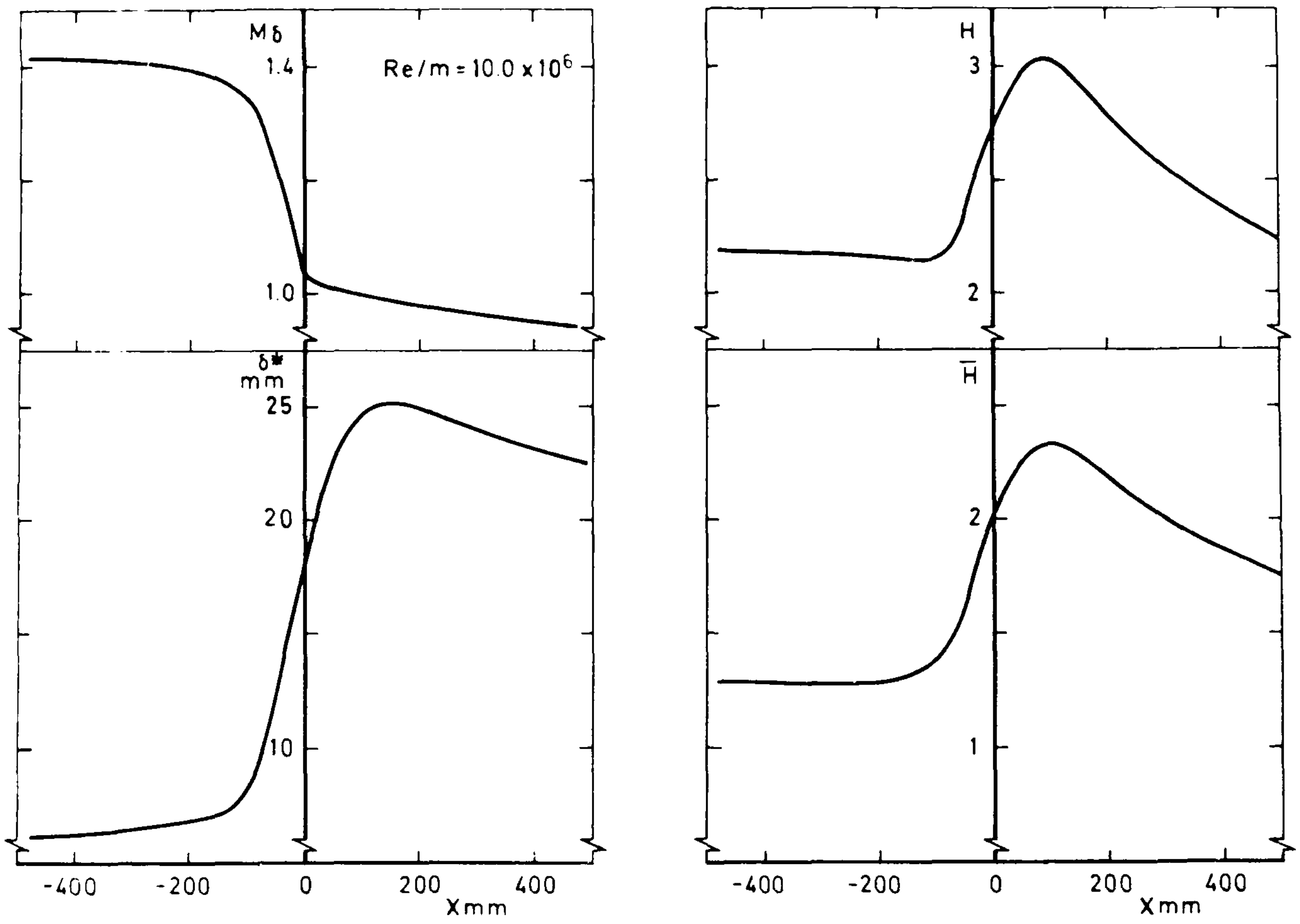

Fig 14b Boundary layer development (measured p) M = 1.4

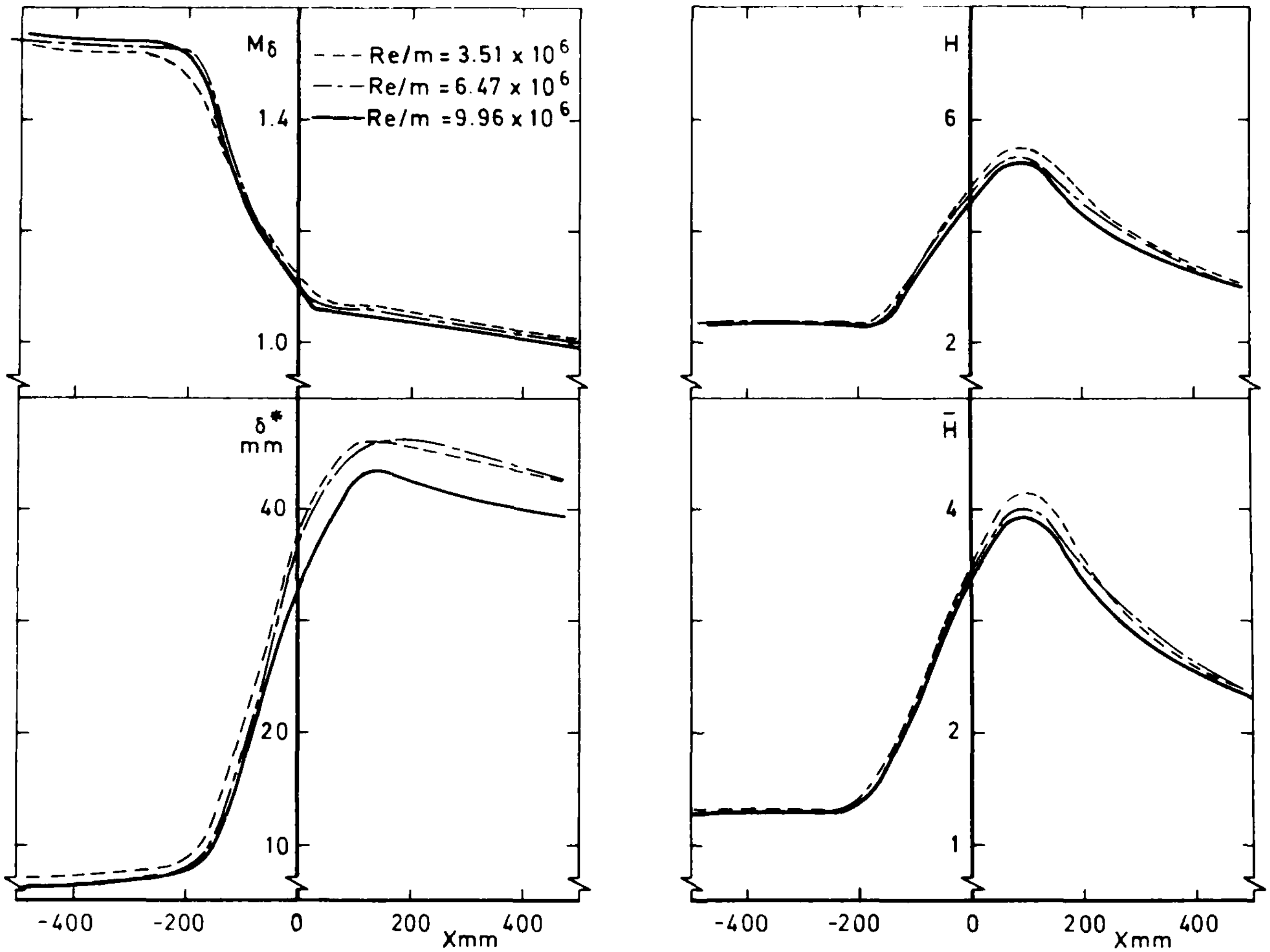

Fig 14c Boundary layer development (measured p) M = 1.5

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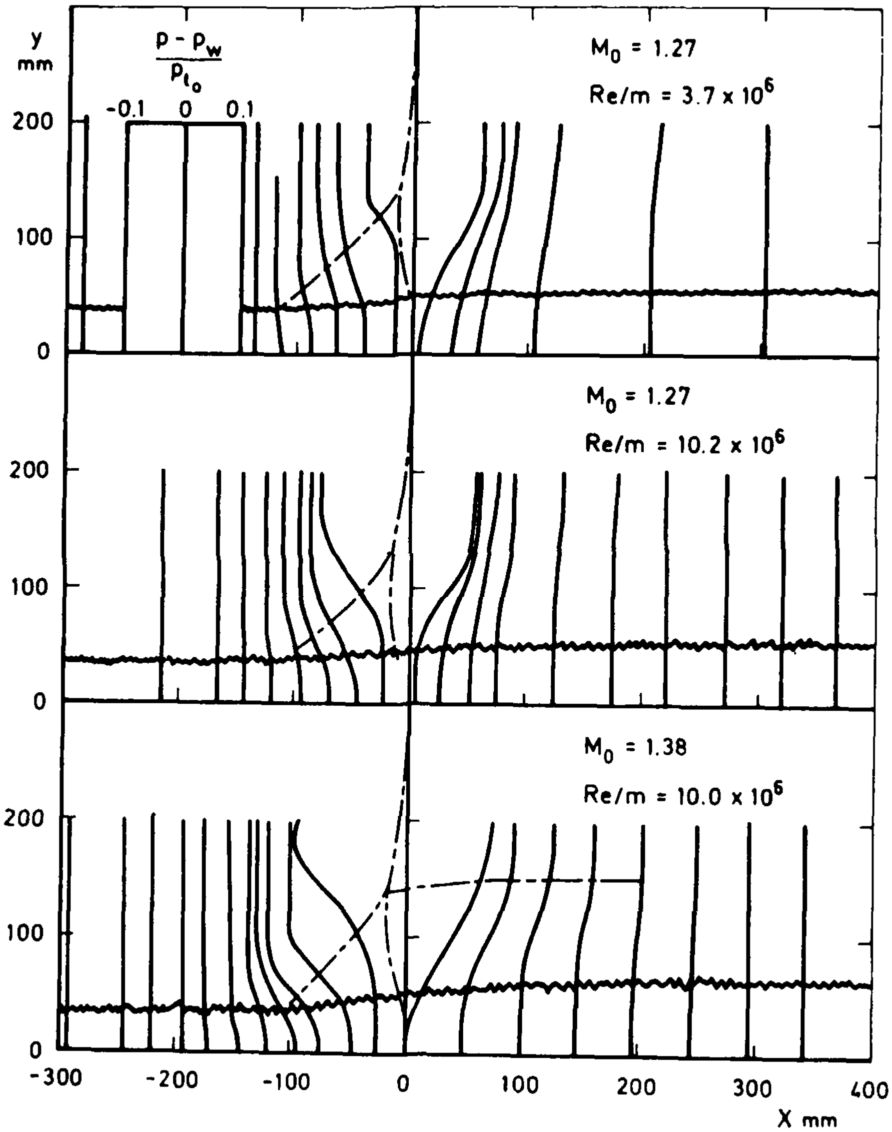

Fig 15a Measured static pressures

Fig 15b

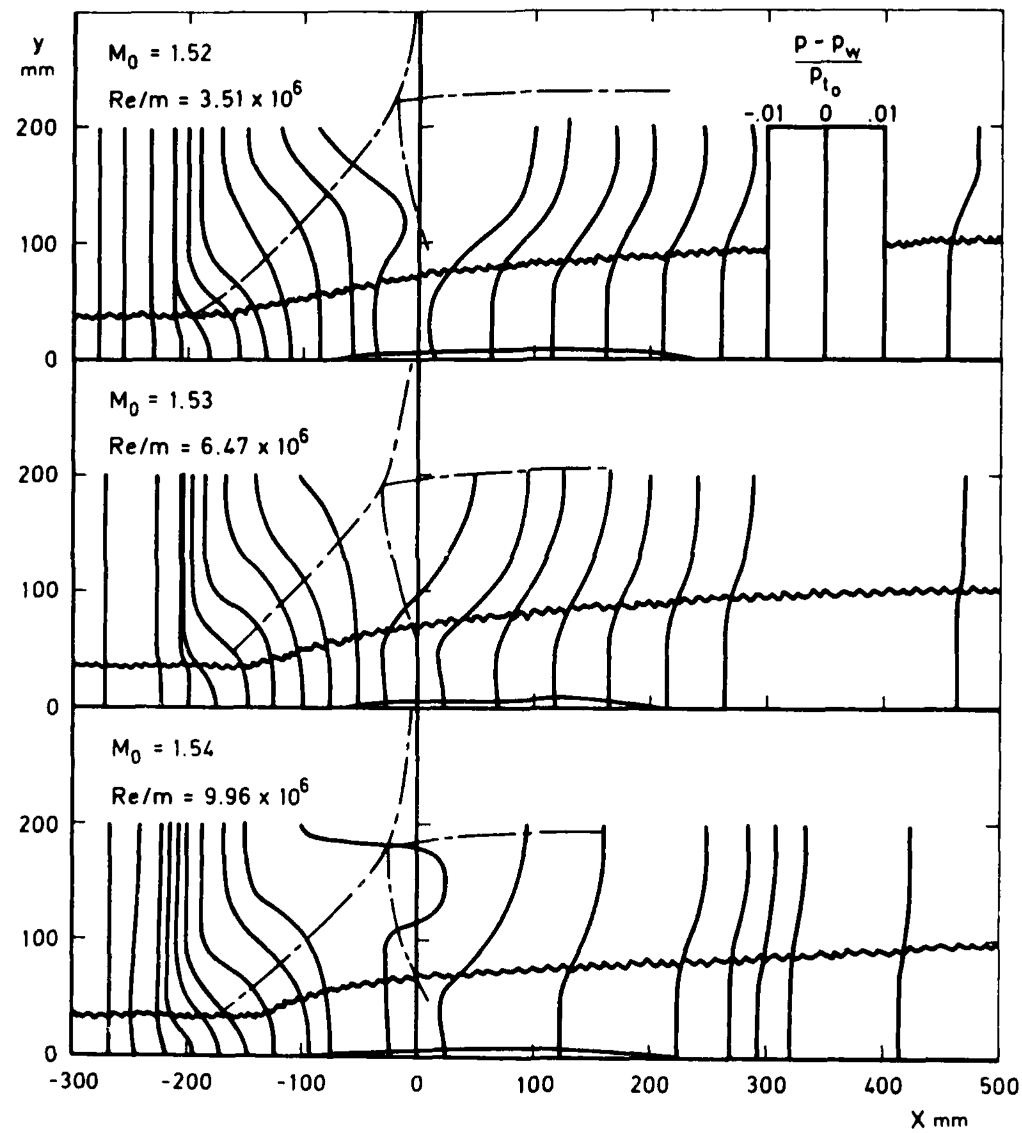

Fig 15b Measured static pressures

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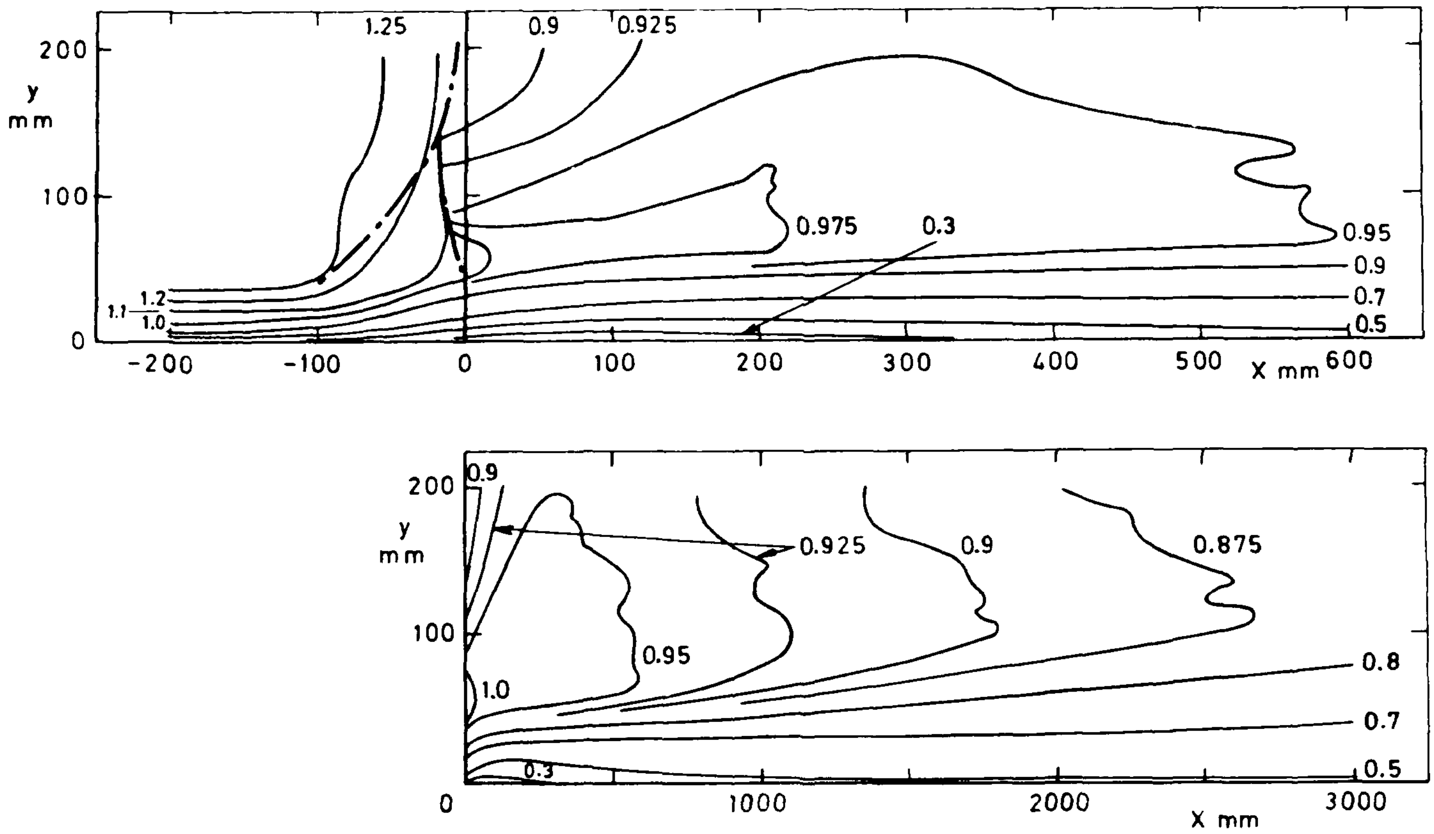


Fig 16a Mach number distribution, $M_0 = 1.27$, $Re/m = 3.66 \times 10^6$

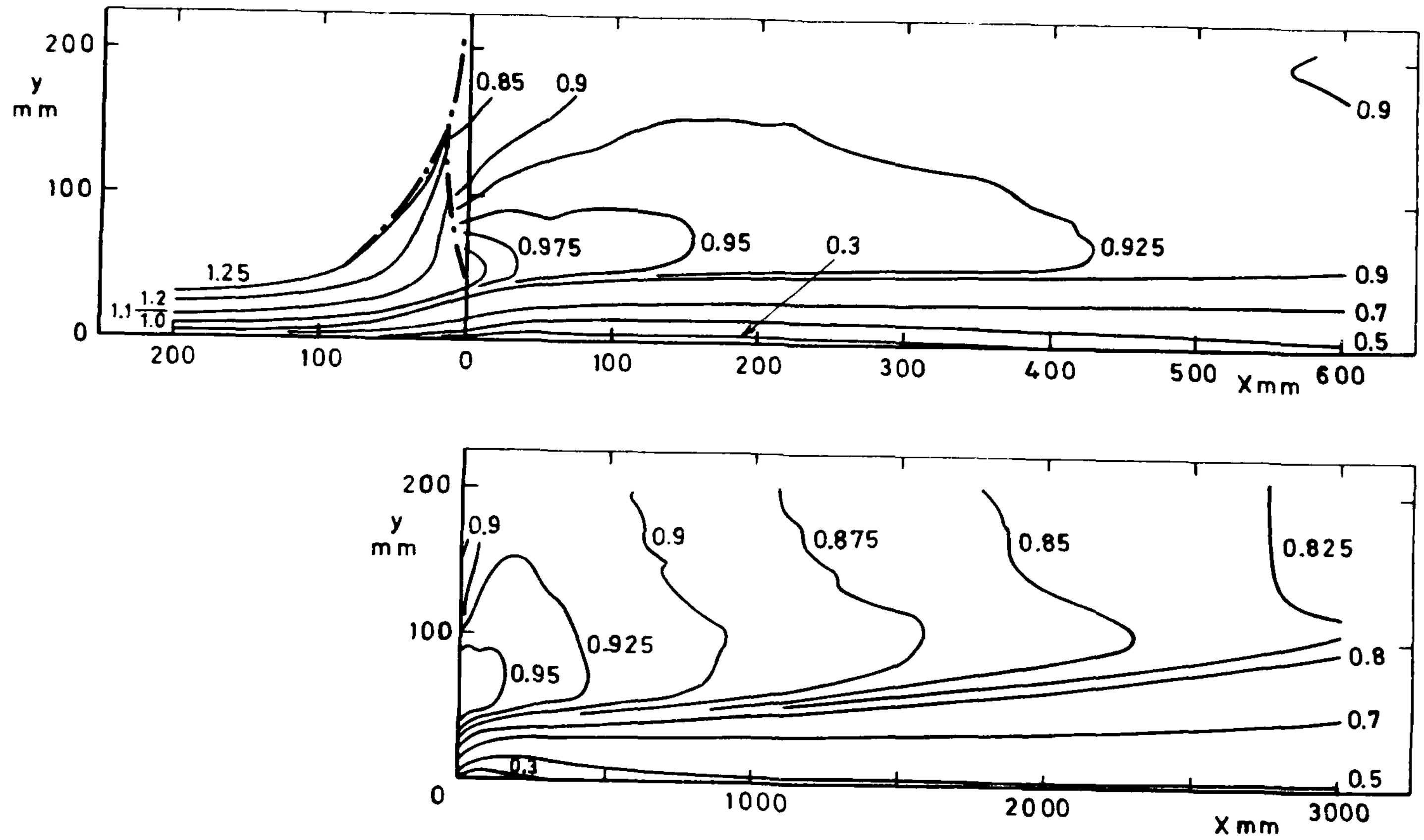
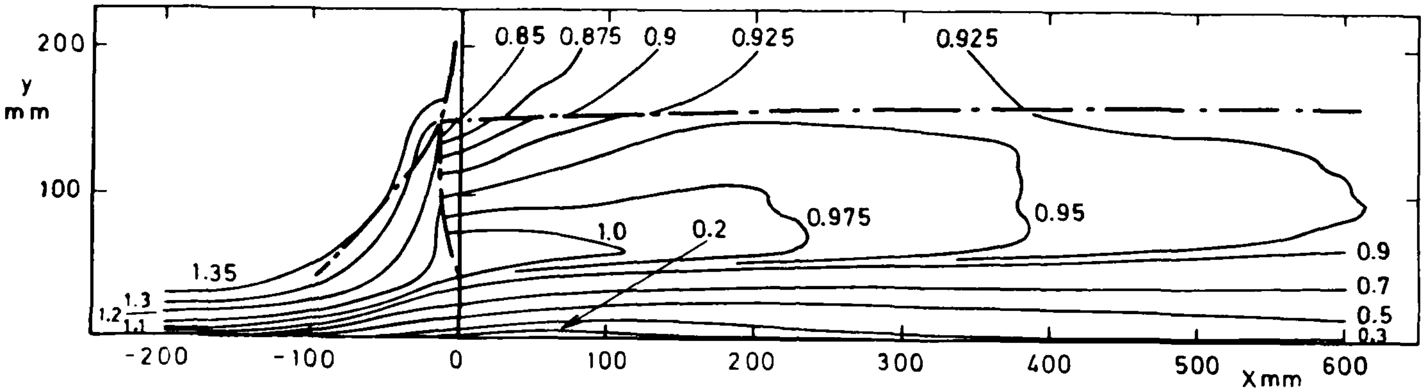


Fig 16b Mach number distribution, $M_0 = 1.27$, $Re/m = 10.2 \times 10^6$



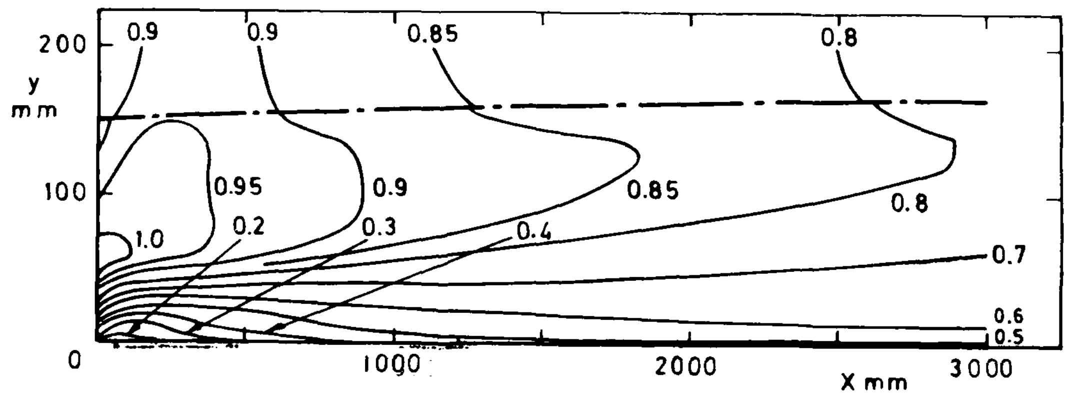


Fig 16c Mach number distribution, $M_0 = 1.39$, $Re/m = 10.0 \times 10^6$

Fig 16d

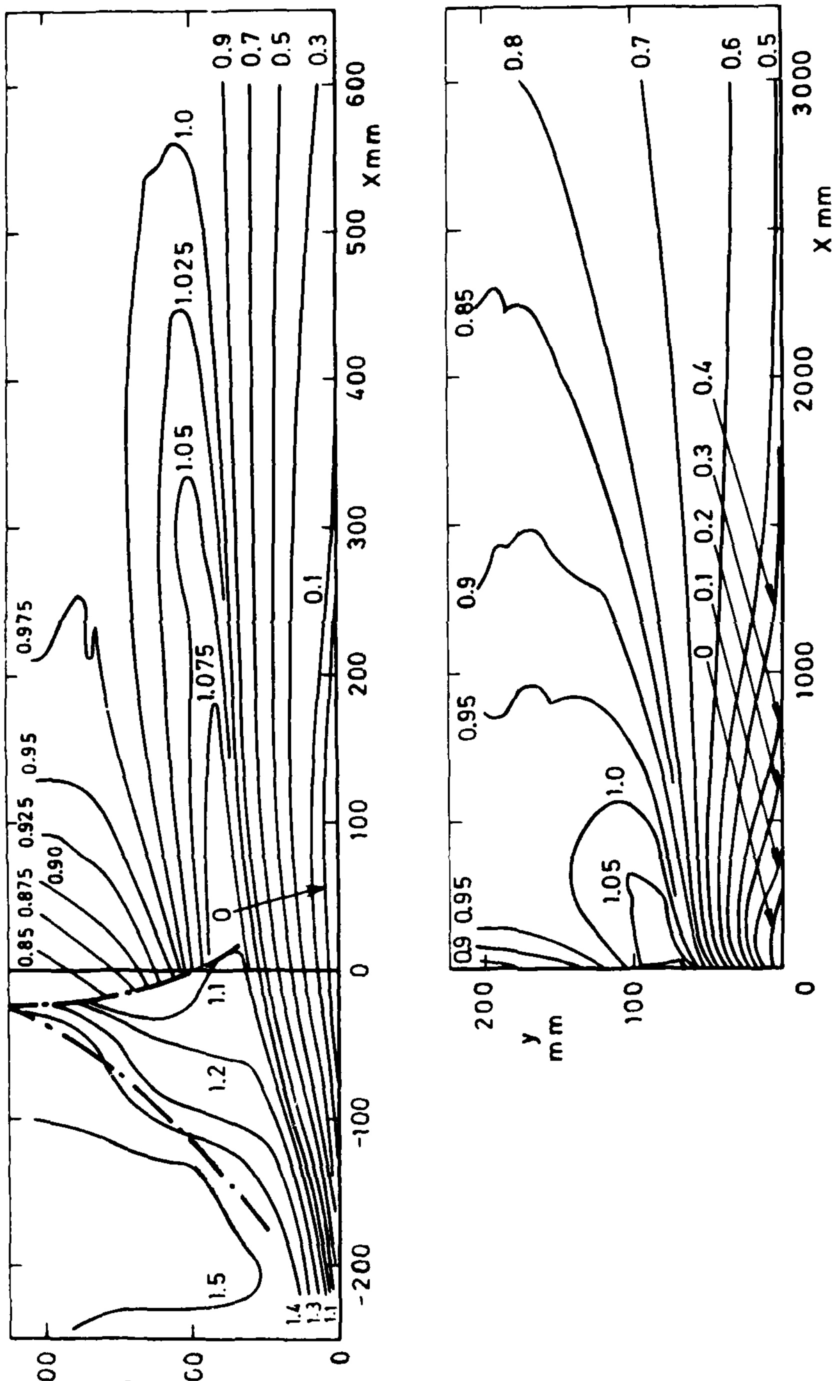


Fig 16d Mach number distribution, $M_0 = 1.52$, $Re/m = 3.51 \times 10^6$

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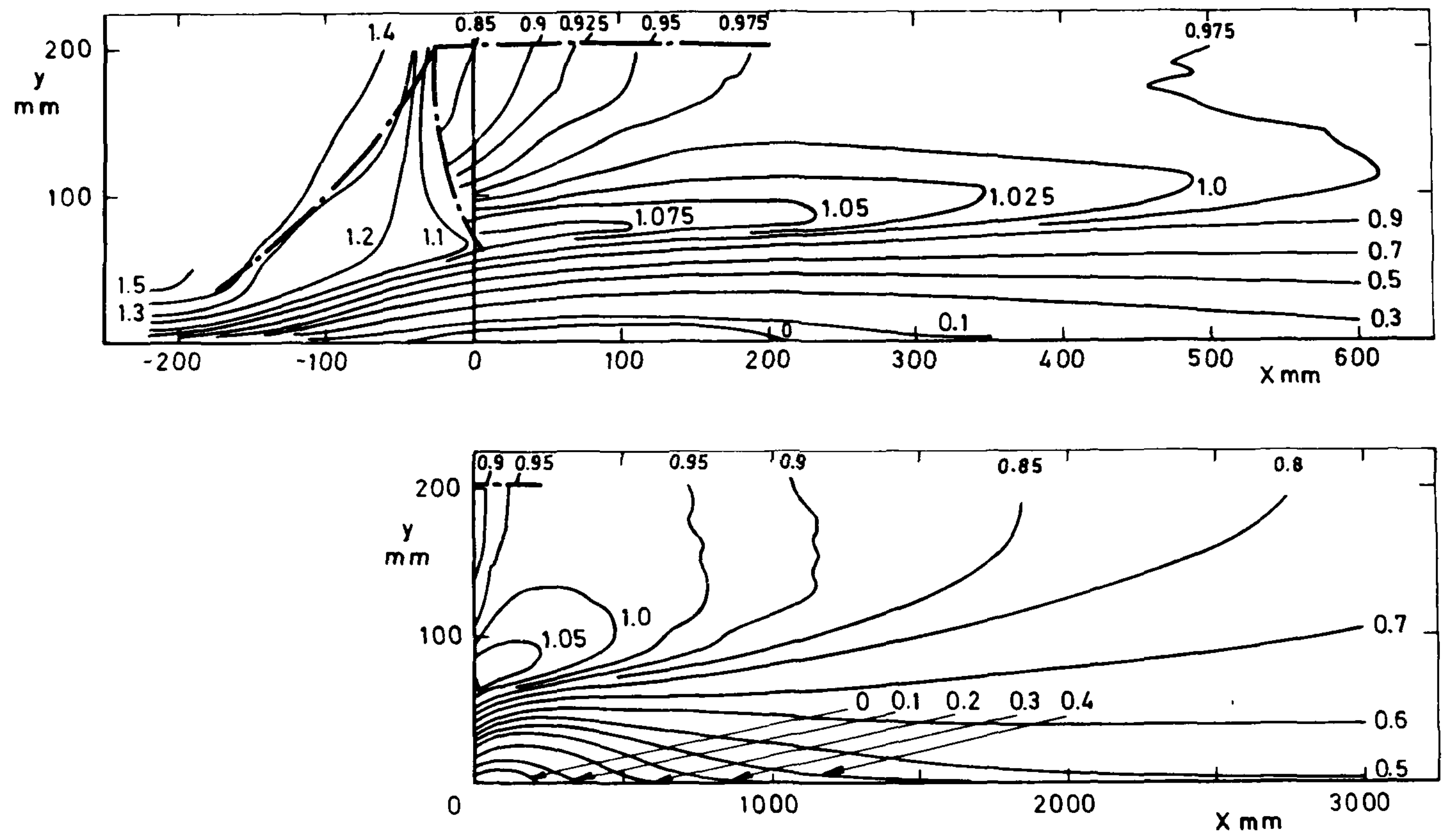

Fig 16e Mach number distribution, $M_0 = 1.53$, $Re/m = 6.47 \times 10^6$

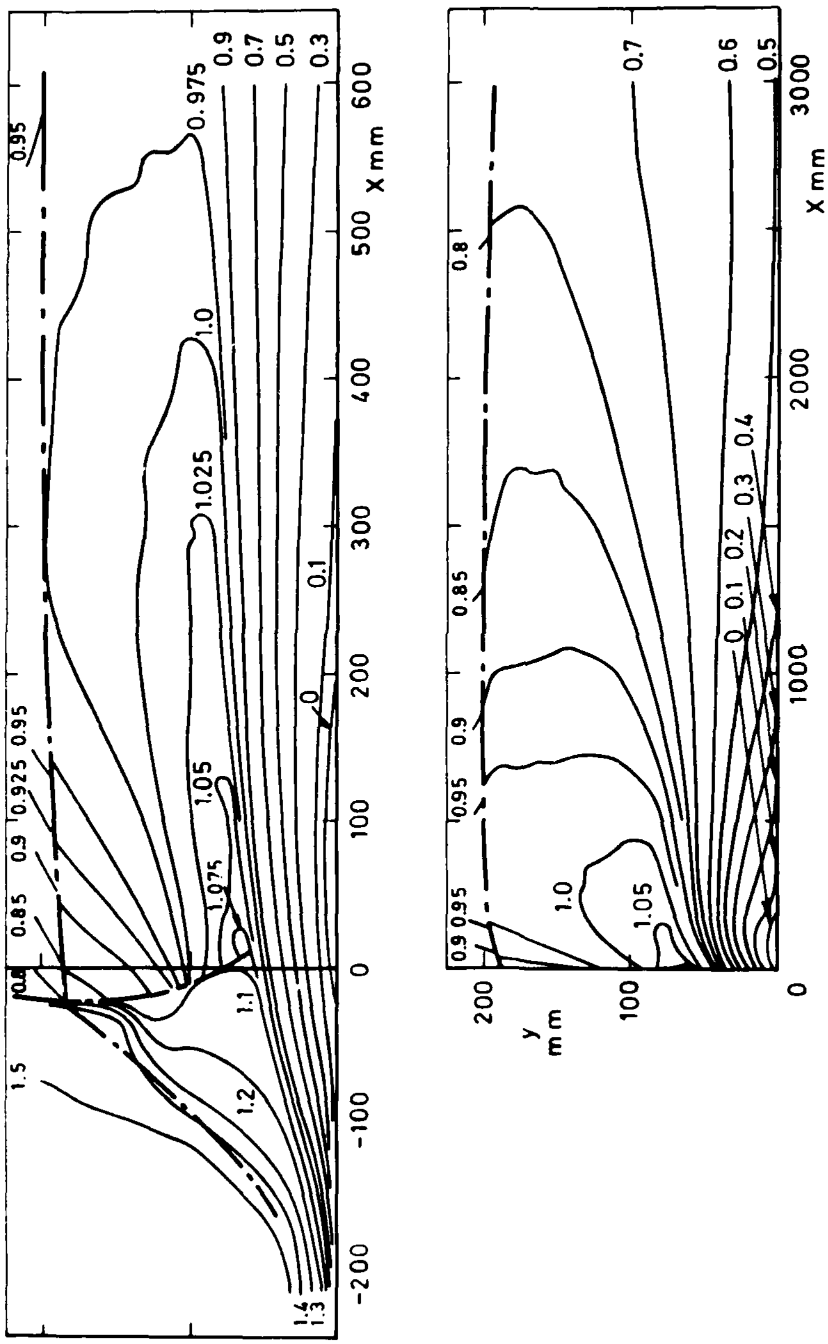

Fig 16f Mach number distribution, $M_0 = 1.54$, Re/m $= 9.96 \times 10^6$

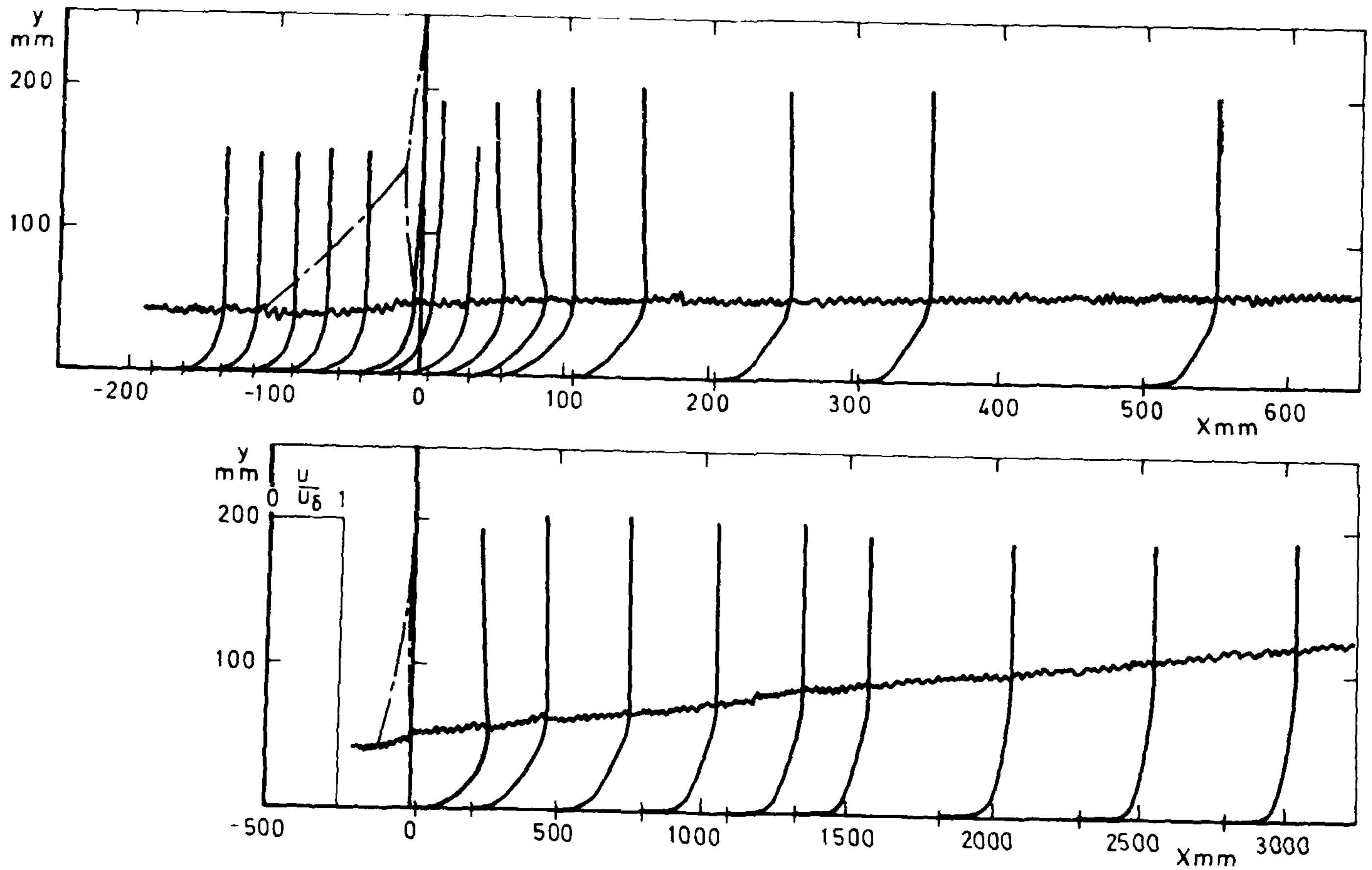

Fig 17a Velocity profiles, M_0 = 1.27, Re/m = 3.66 x 10^6

Fig 17b

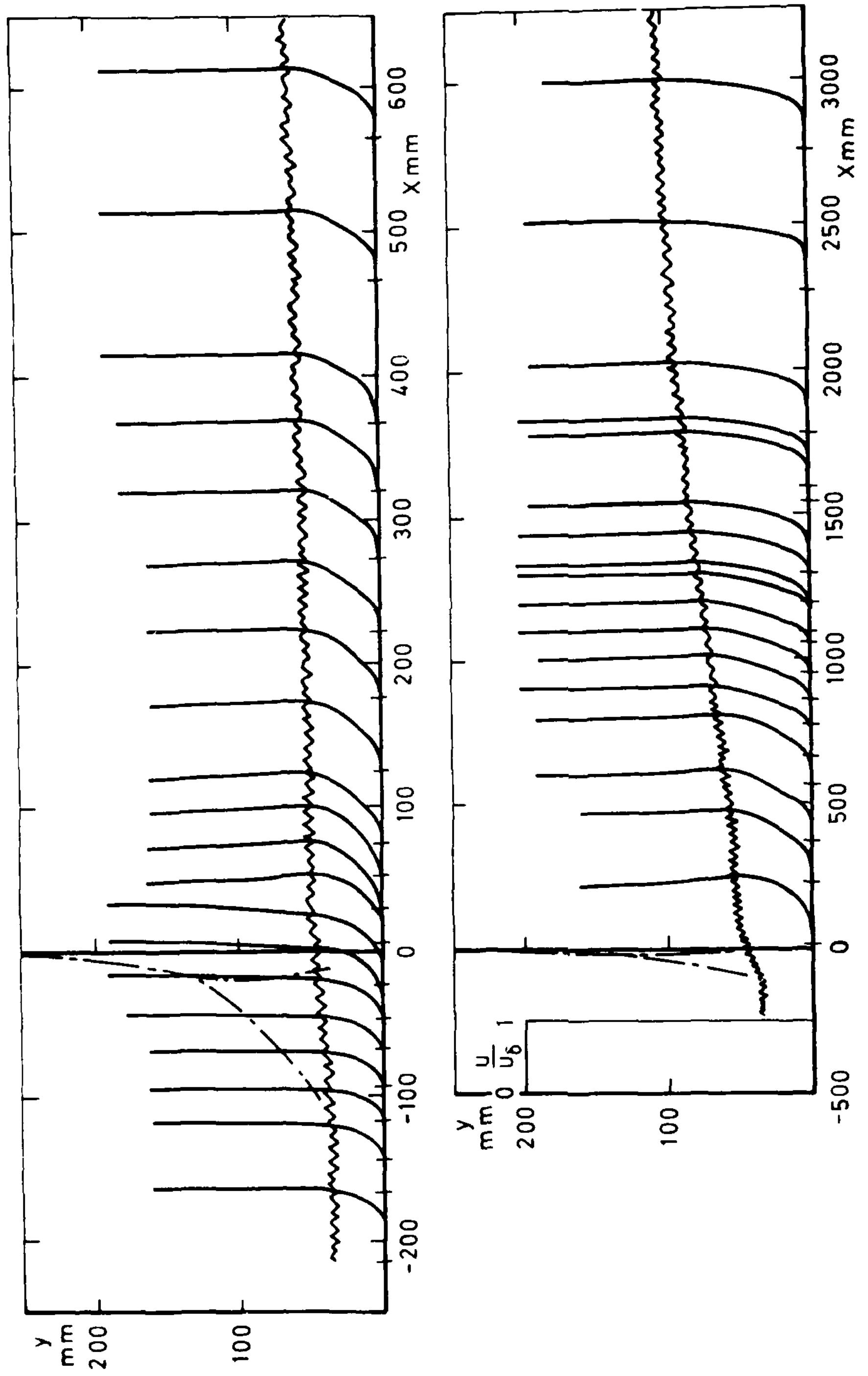

Fig 17b Velocity profiles, M_0 = 1.27, Re/m = 10.2×10^6

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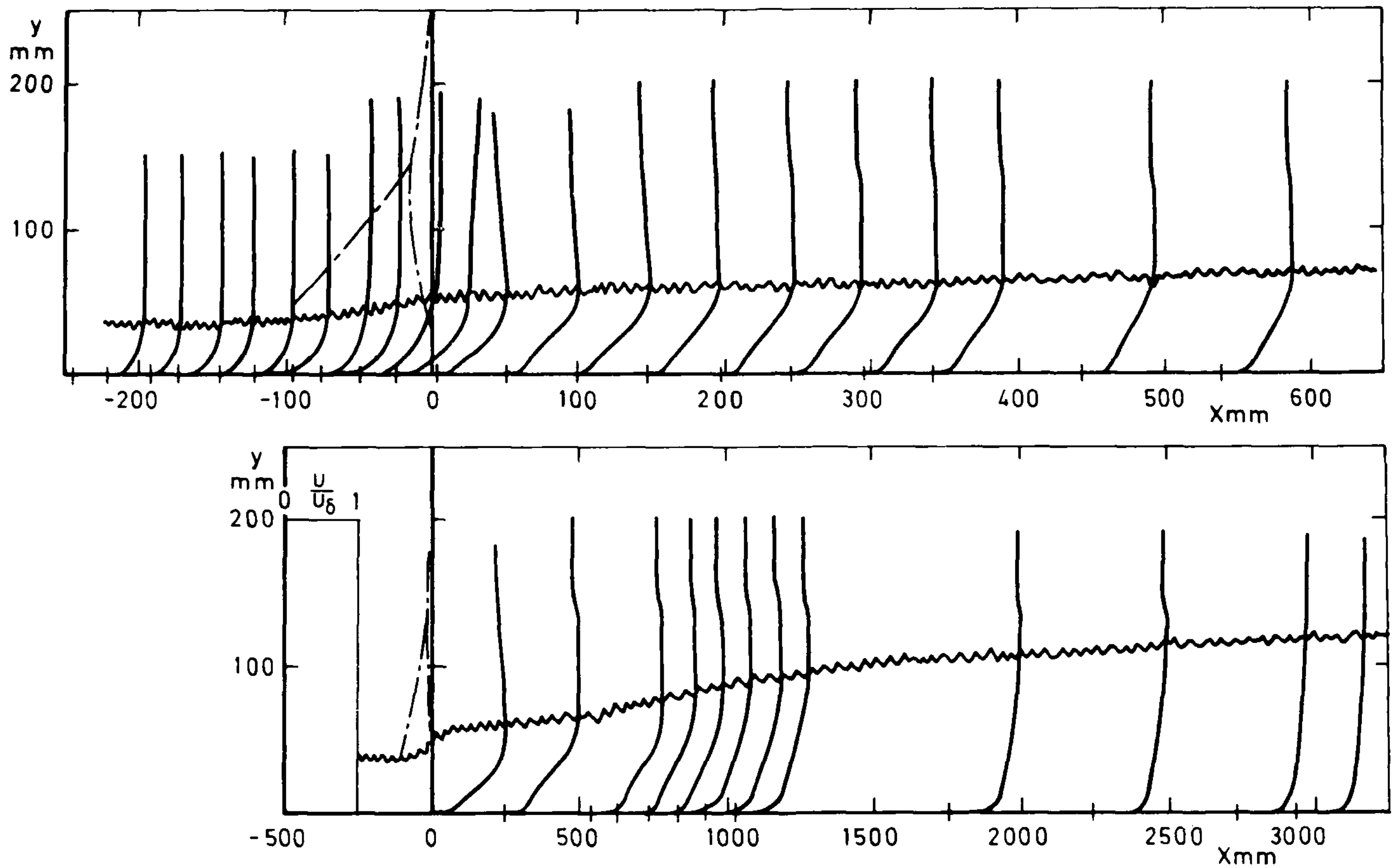

Fig 17c Velocity profiles, M_0 = 1.39, Re/m = 10.0×10^6

Fig 17d

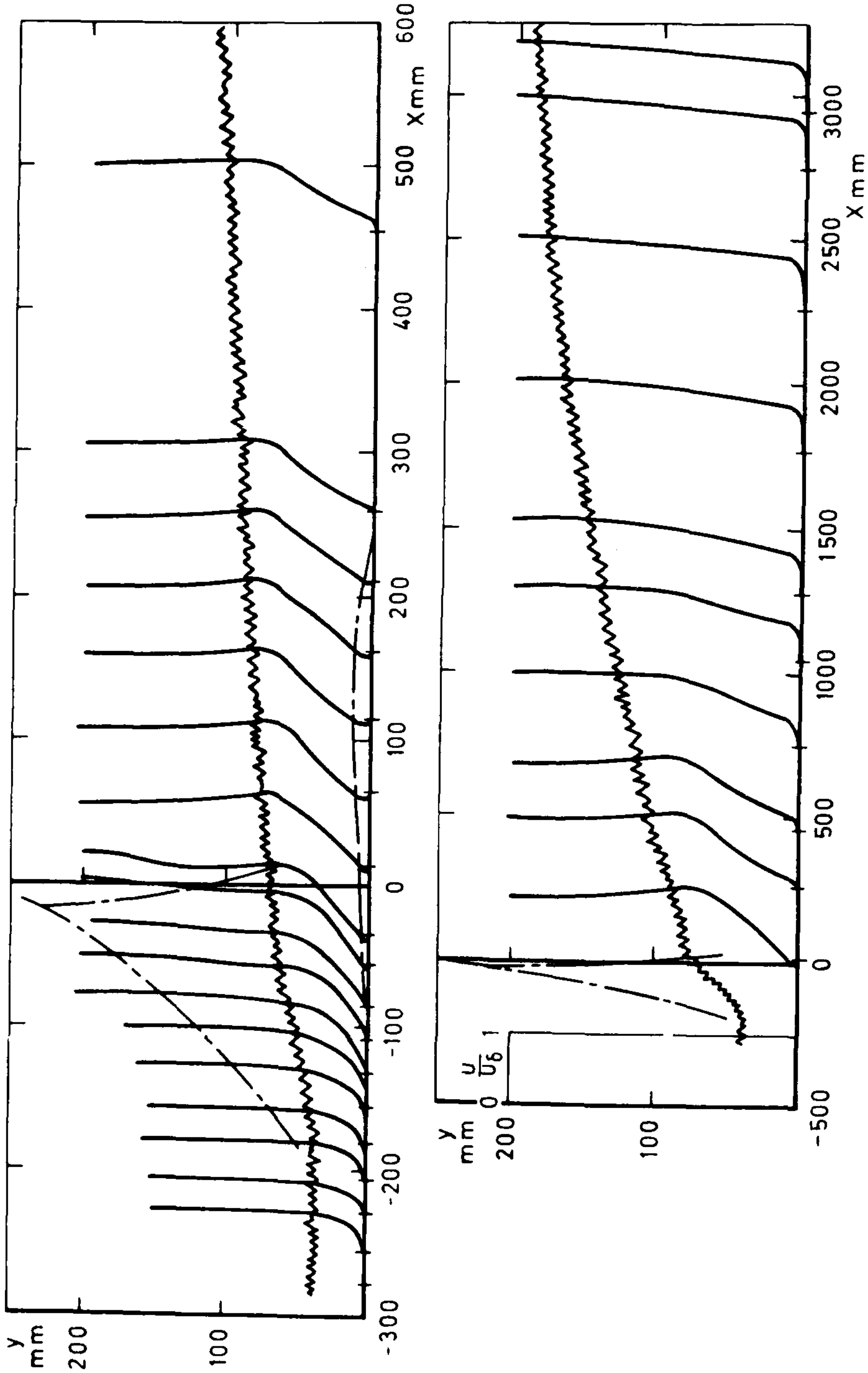

Fig 17d Velocity profiles, M_0 = 1.52, Re/m = 3.51×10^6

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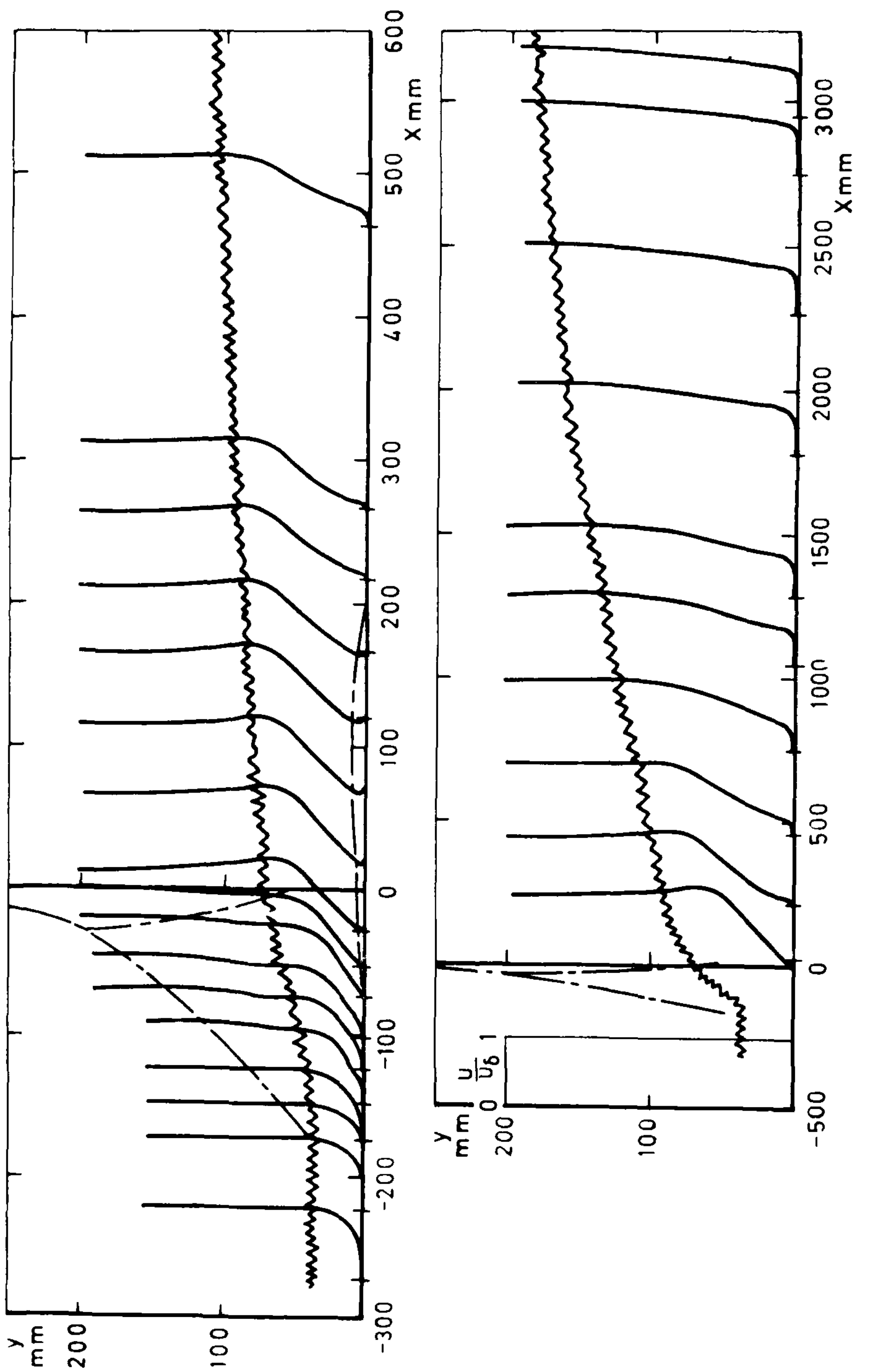

Fig 17e Velocity profiles, M_0 = 1.53, Re/m = 6.47 x 10^6

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Fig 17f

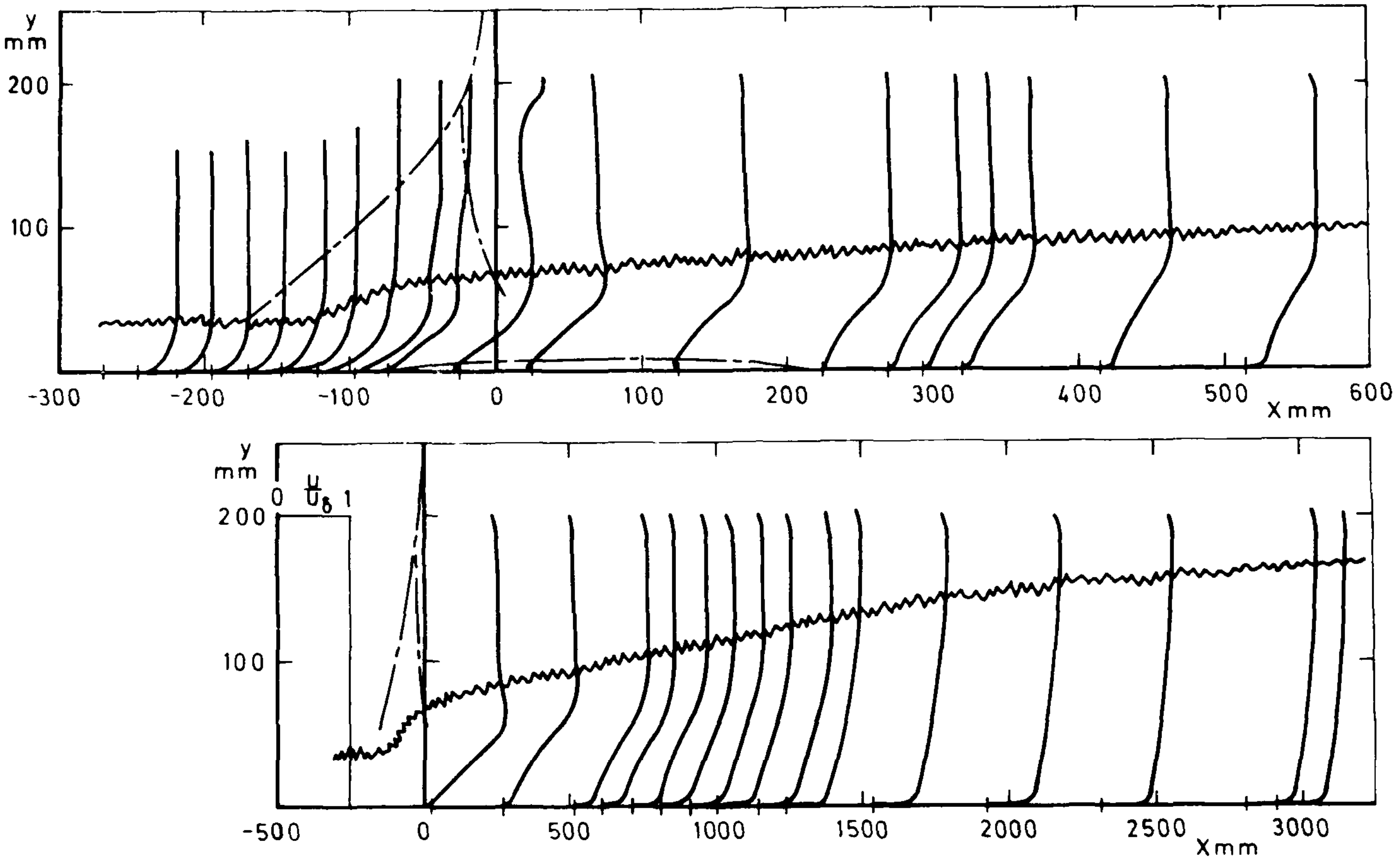

Fig 17f Velocity profiles, $M_0 = 1.54$, $Re/m = 9.96 \times 10^6$

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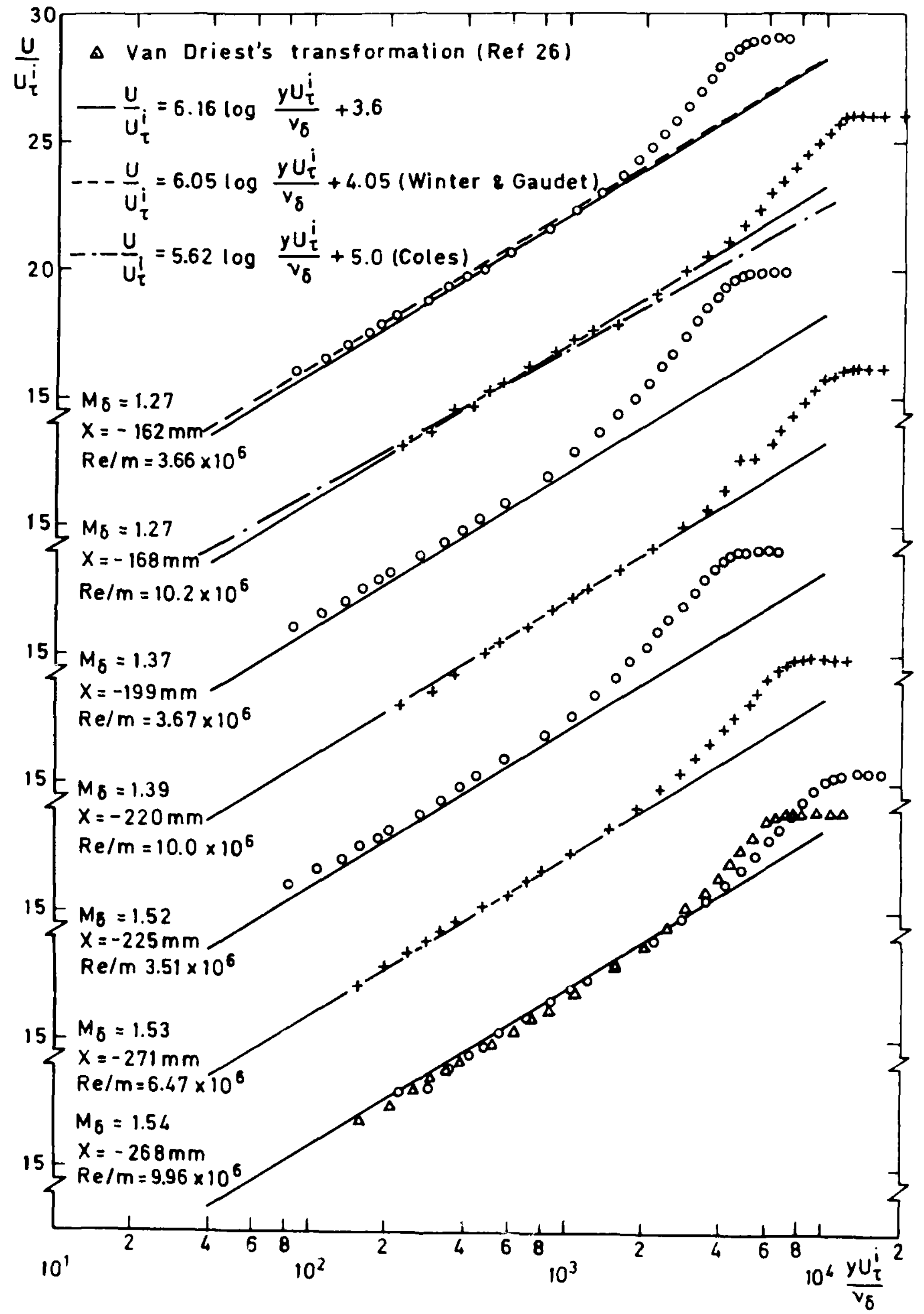

Fig 18 Logarithmic velocity profiles ahead of interaction (region A) (see Fig 22)

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Fig 19

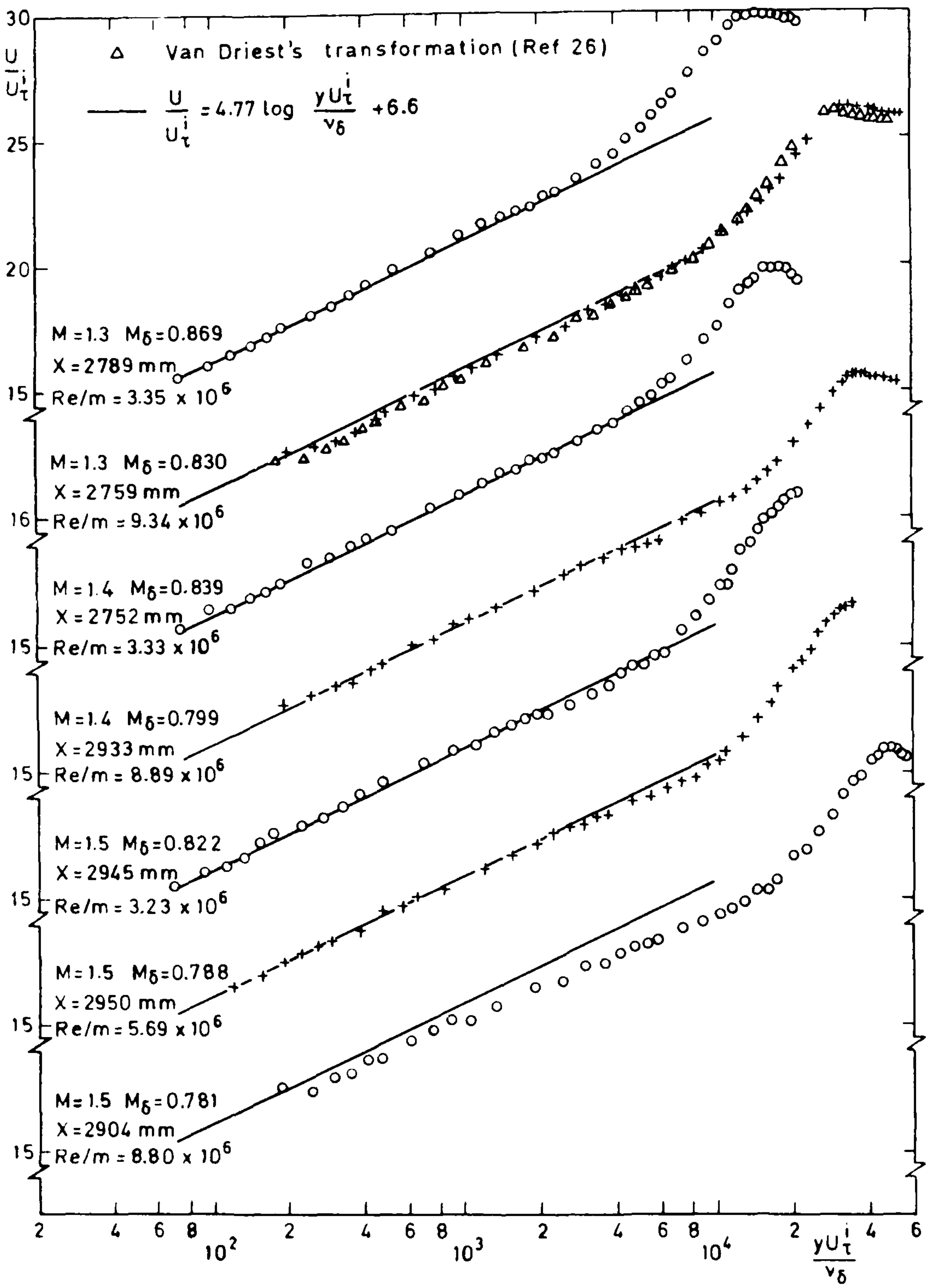

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Fig 19 **Logarithmic velocity profiles approx 3 m downstream of normal shock-wave (region D) (see Fig 22)**

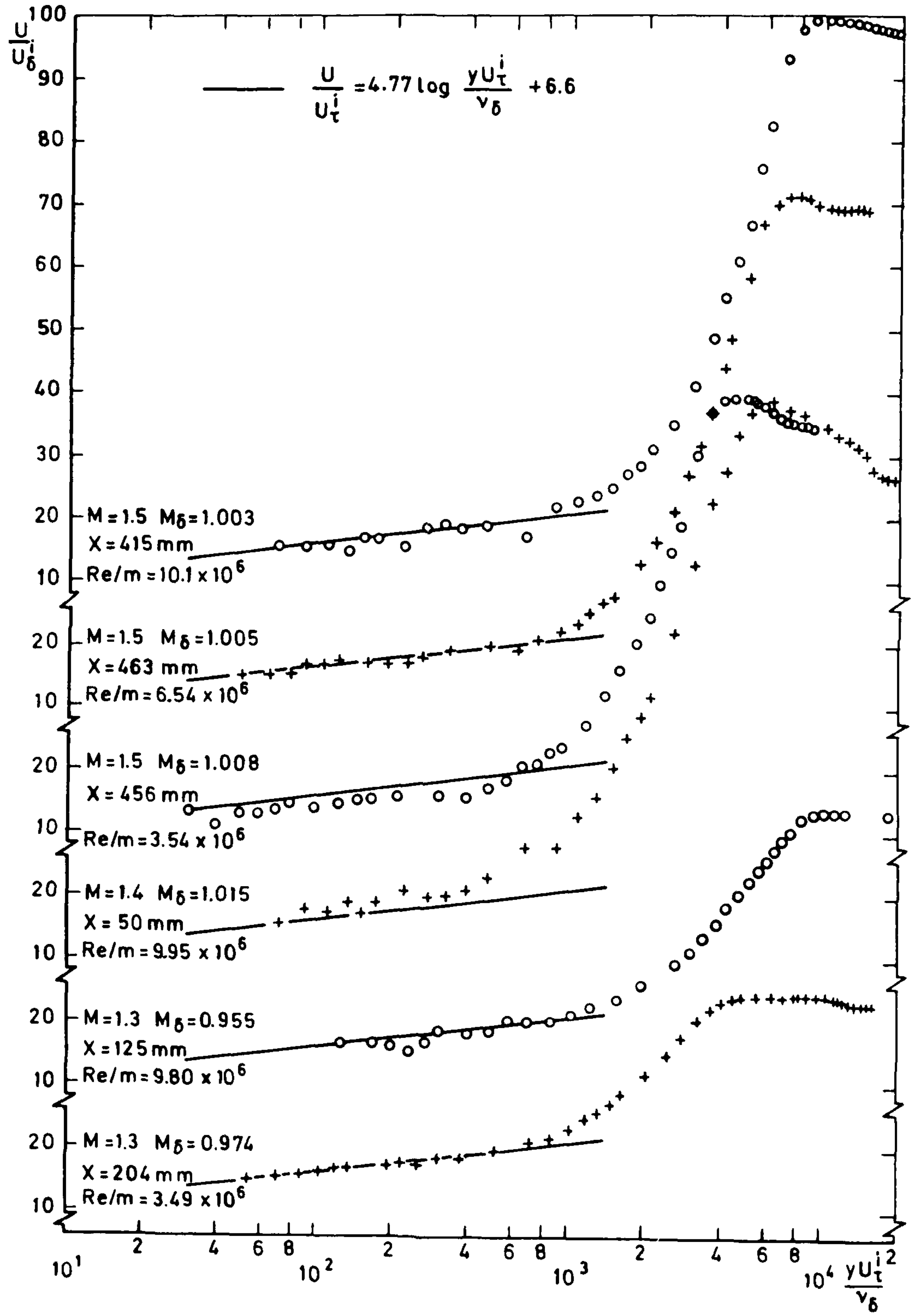

Fig 20 Logarithmic velocity profiles just downstream of normal shock-wave (region C) (see Fig 22)

TR 82099

Fig 21

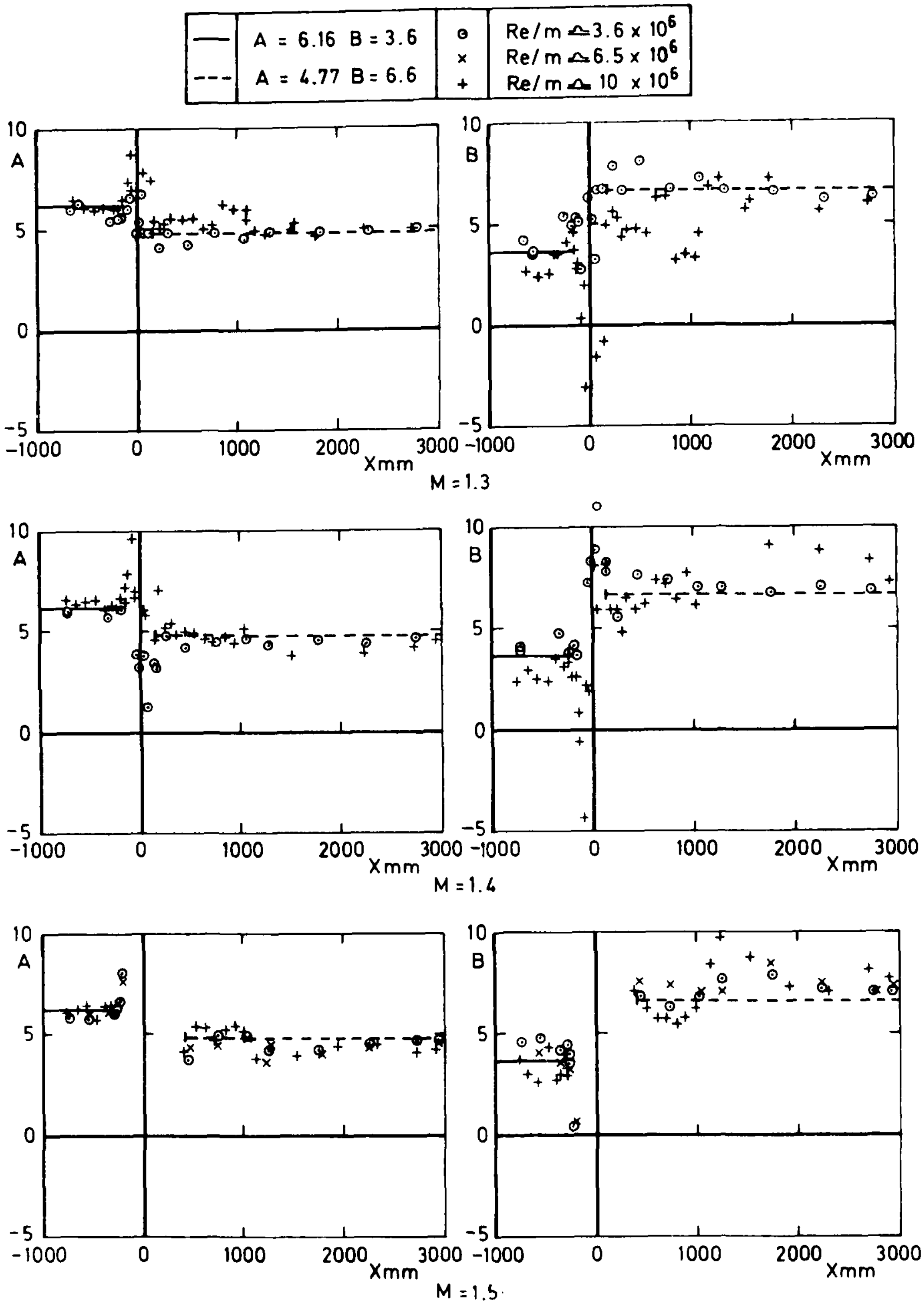

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Fig 21 Variation of the constants A and B in the law of the wall $(U/U_\tau^i = A \log yU_\tau^i/\upsilon_\delta + B)$

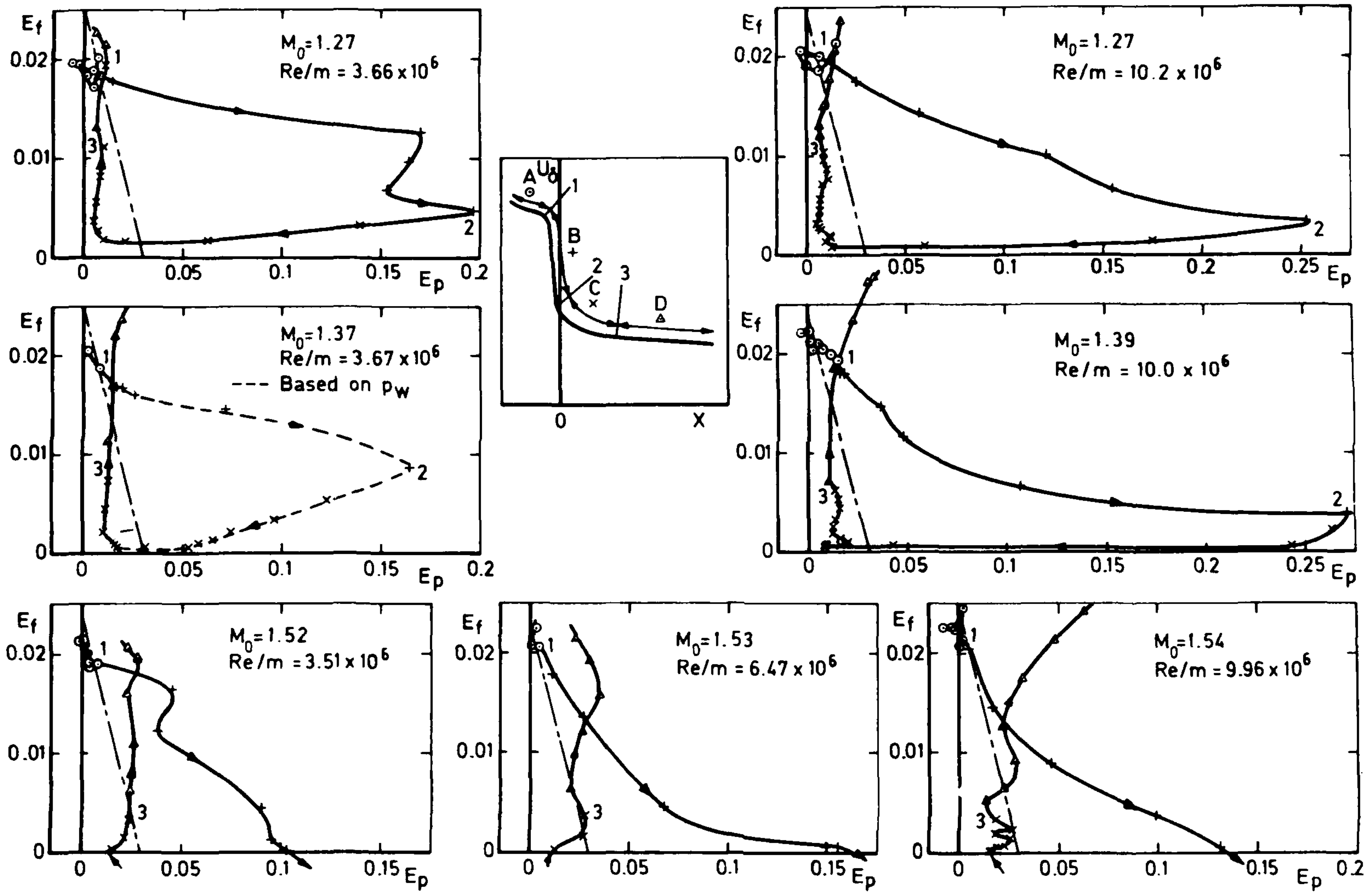

Fig 22 Equilibrium parameters

Fig 23a&b

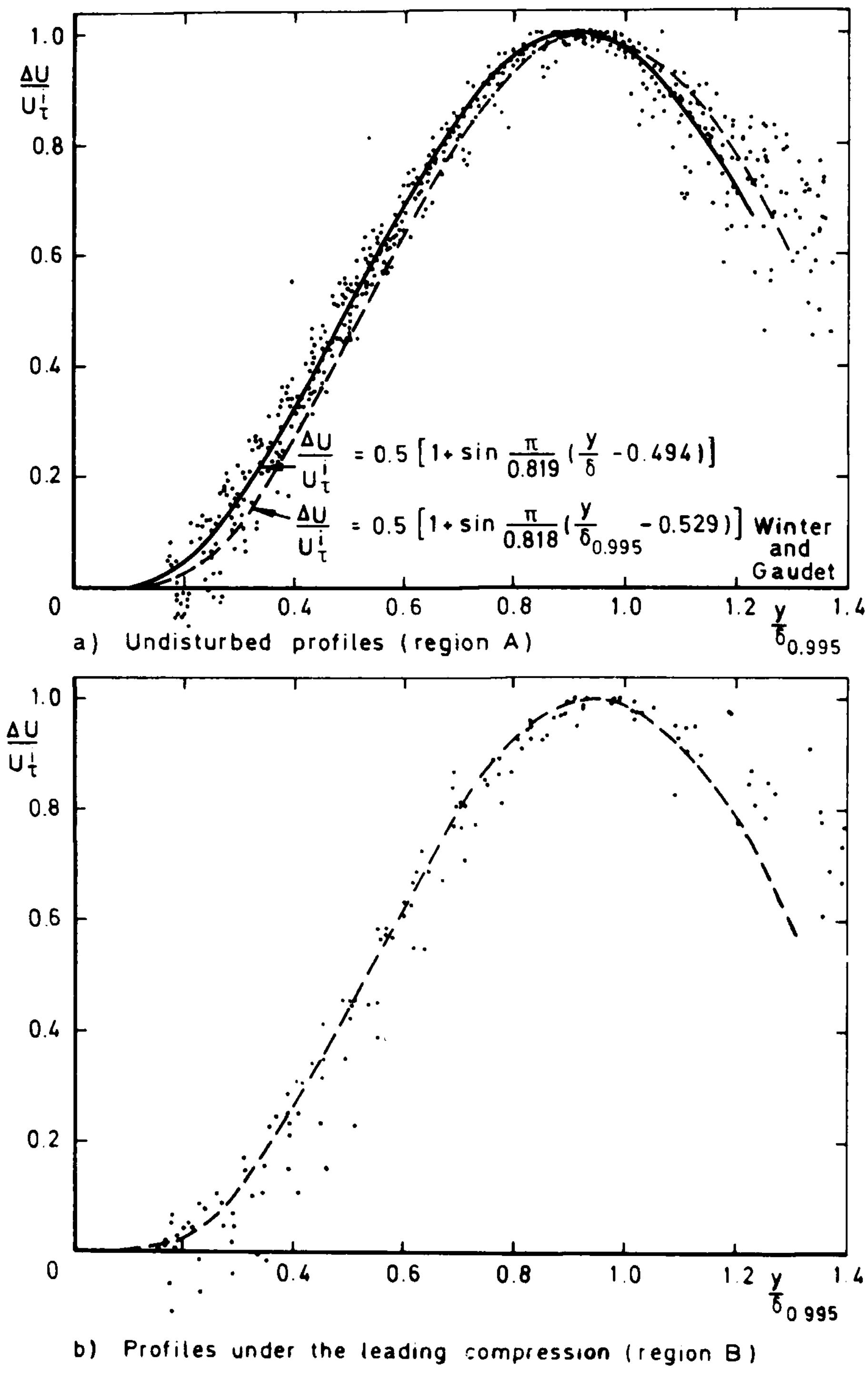

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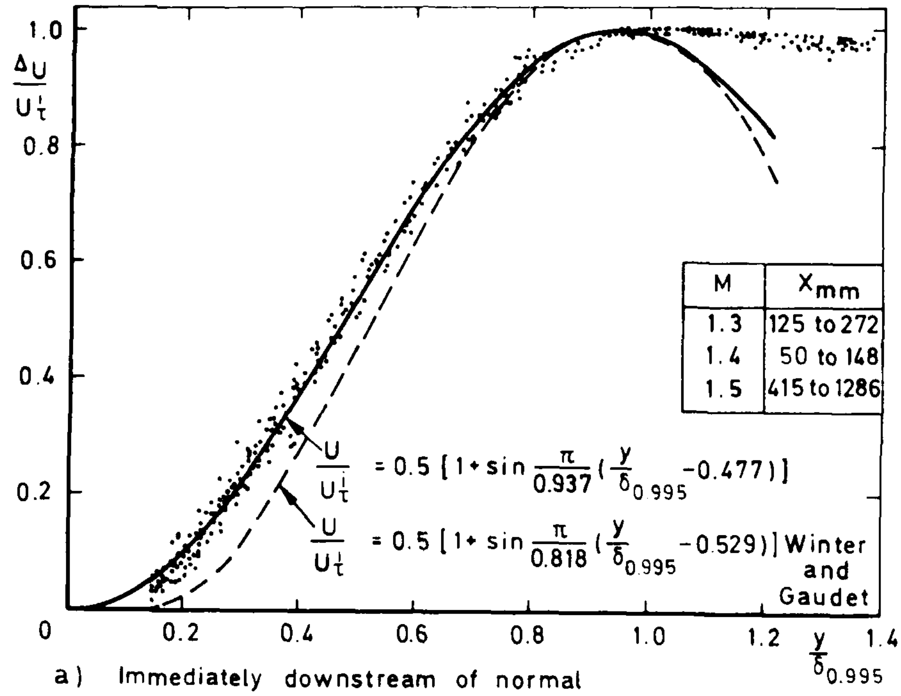
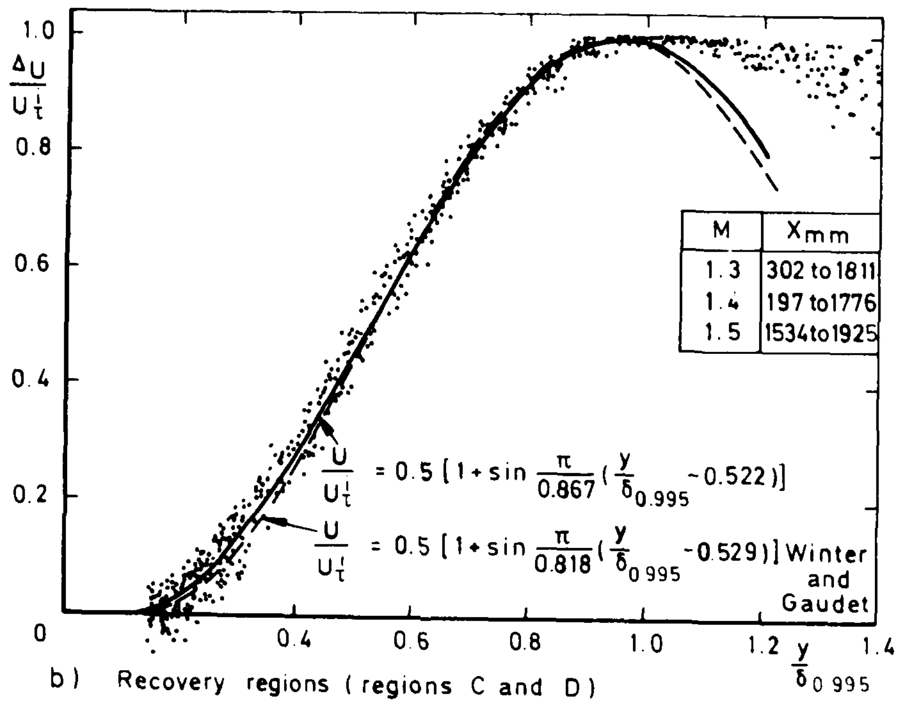
Fig 23a&b Wake components of velocity profiles ahead of shock-wave



a) Immediately downstream of normal shock-wave (region C)



b) Recovery regions (regions C and D)

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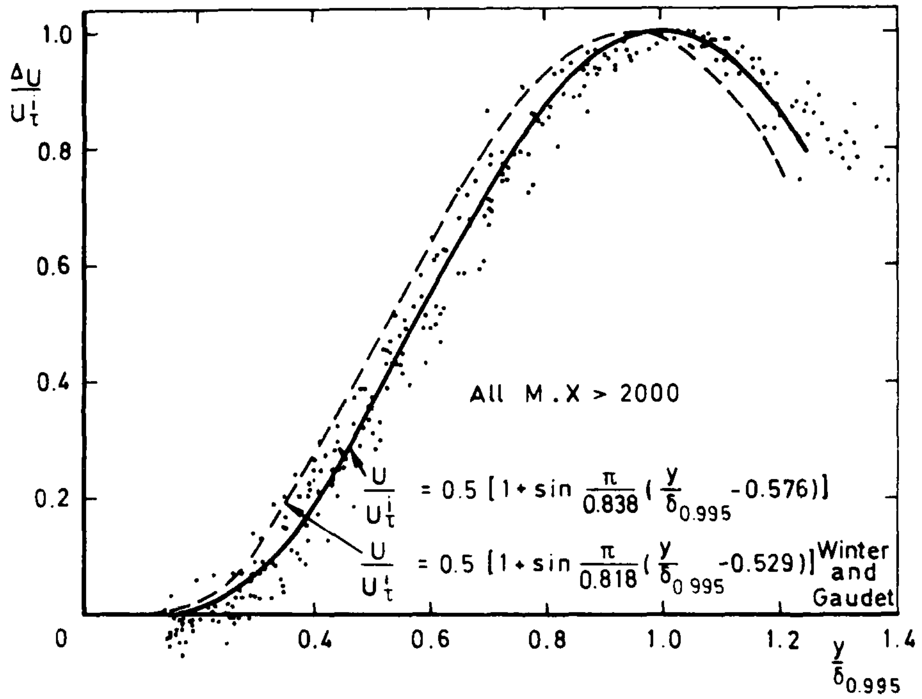
Fig 24a&b Wake components of velocity profiles downstream of shock-wave

Fig 24c



c) X > 2000mm (region D)

Fig 24c **Wake components of velocity profiles downstream of shock-wave**

TR 82099

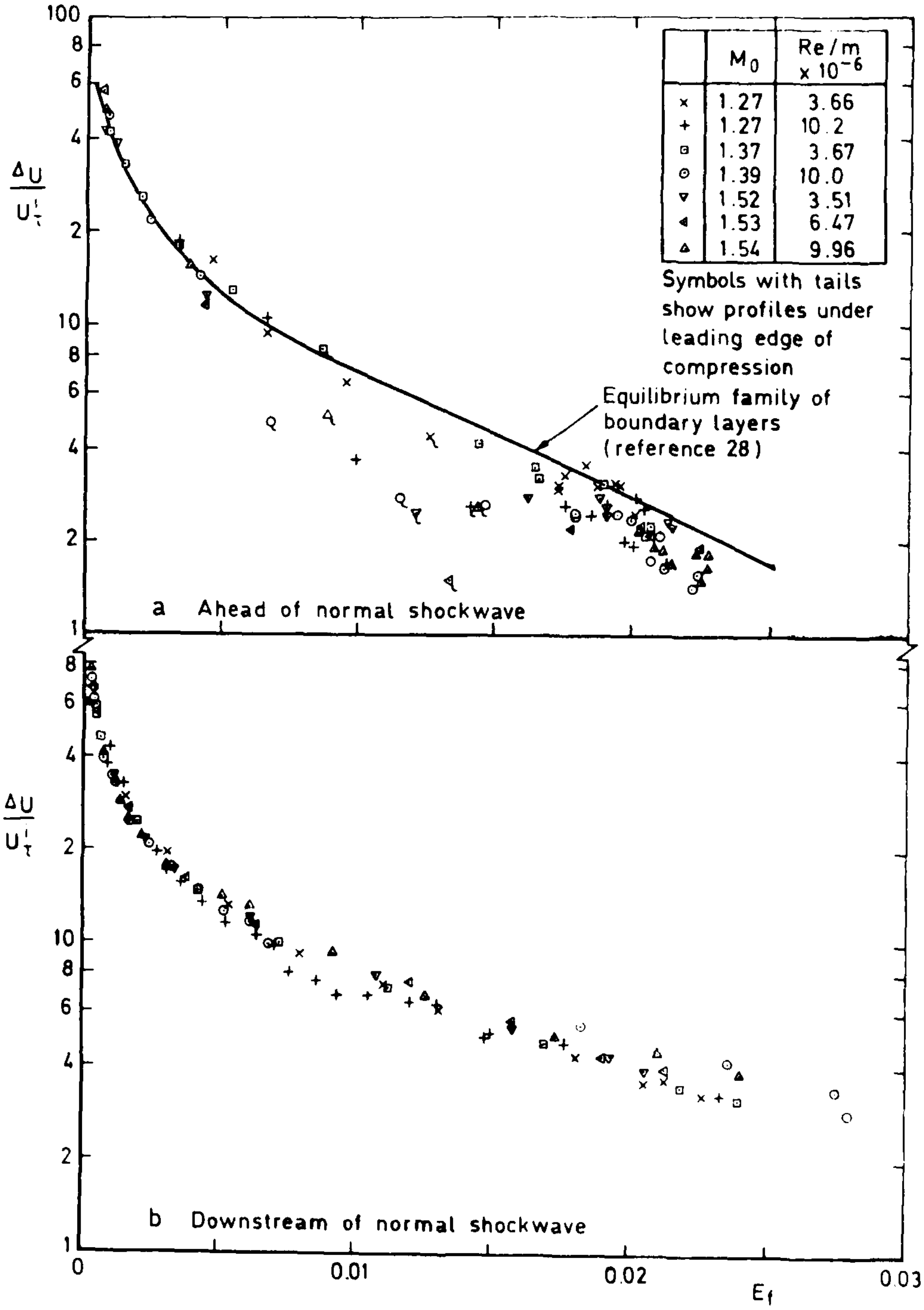
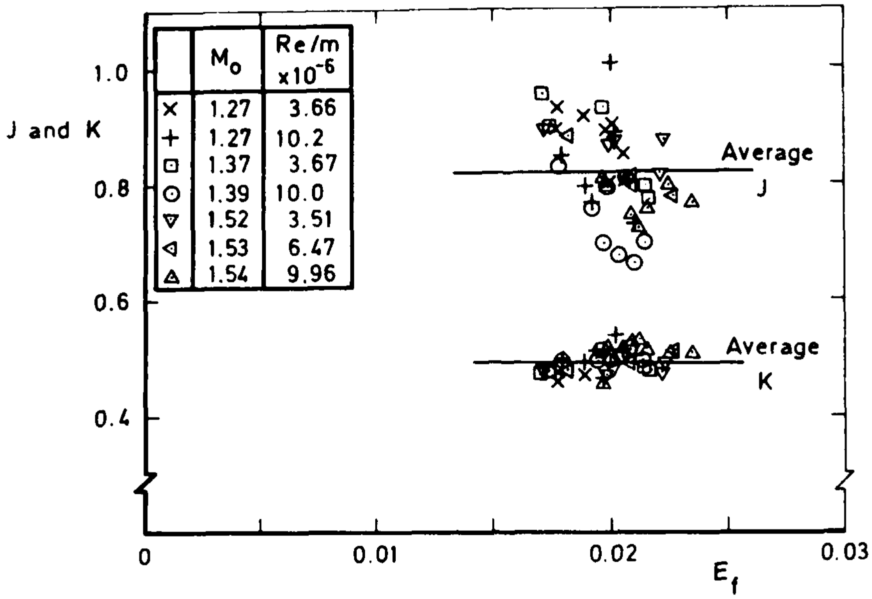
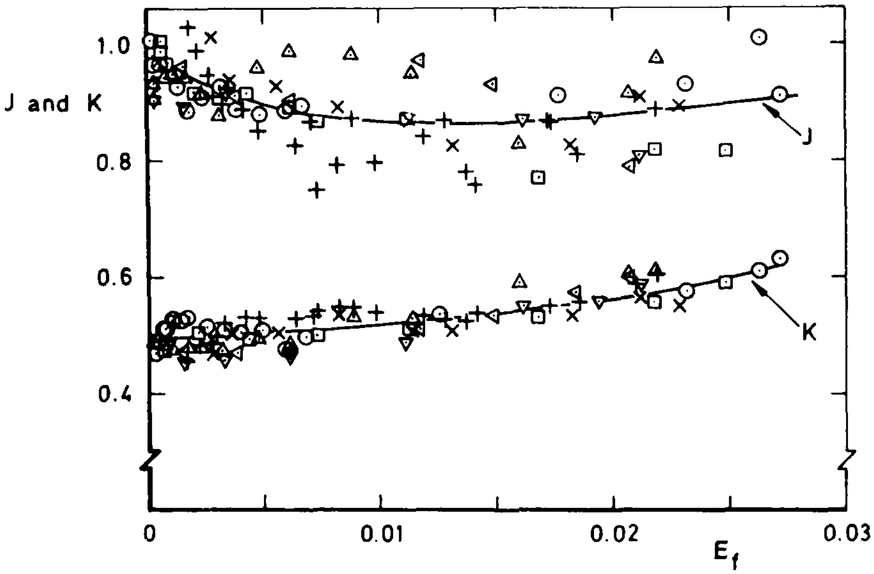


Fig 25a&b Maximum values of wake component

Fig 26a&b



(a) Ahead of interaction



(b) Downstream of normal shockwave

Fig 26a&b Constants J and K in $(\Delta U/U_\tau^i)_N = 0.5(1 + \sin \pi/J(y/\delta_{0.995} - K))$

TR 82099

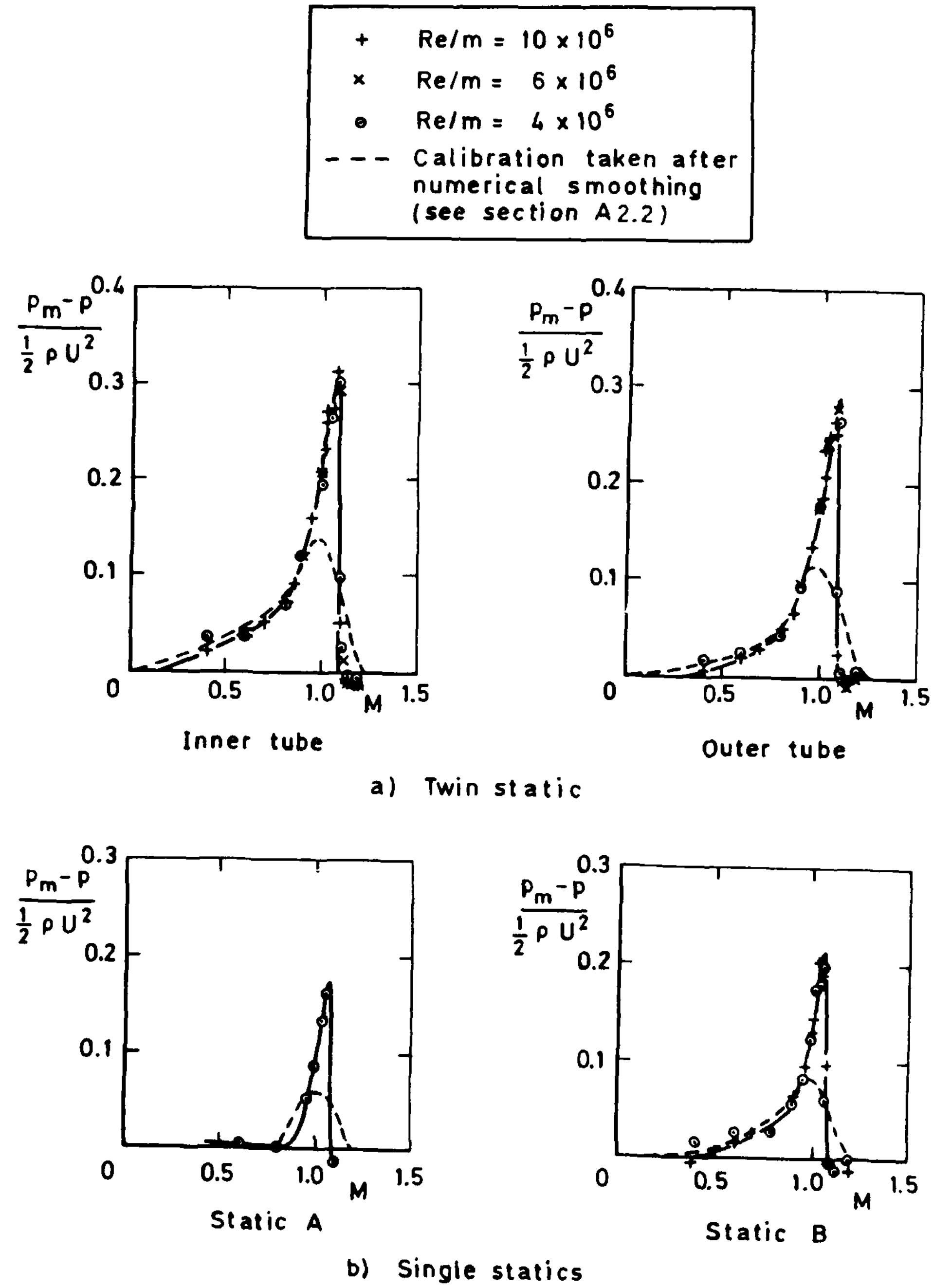
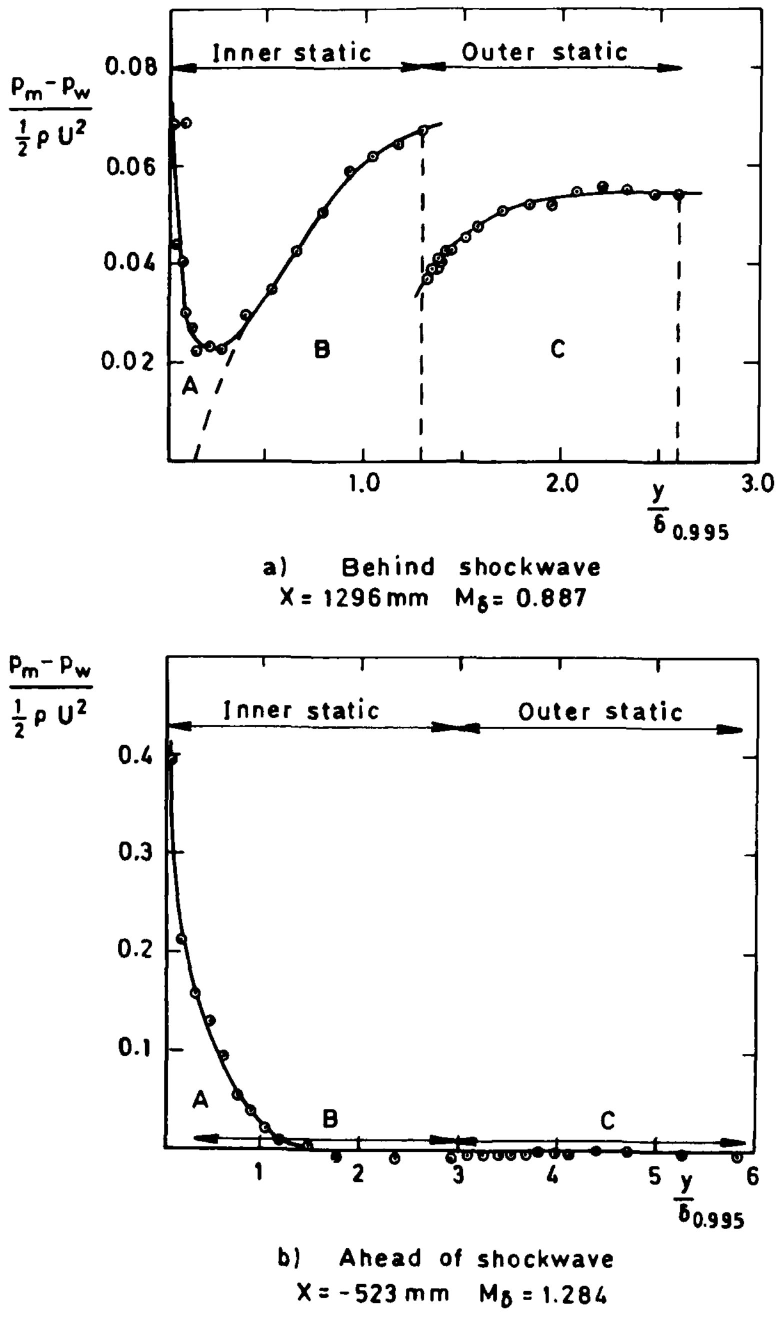


Fig 27a&b Free stream calibration of static probes

Fig 28a&b



a) Behind shockwave
X = 1296 mm M_δ = 0.887

b) Ahead of shockwave
X = -523 mm M_δ = 1.284

Fig 28a&b Typical static pressure measurement errors

TR 82099

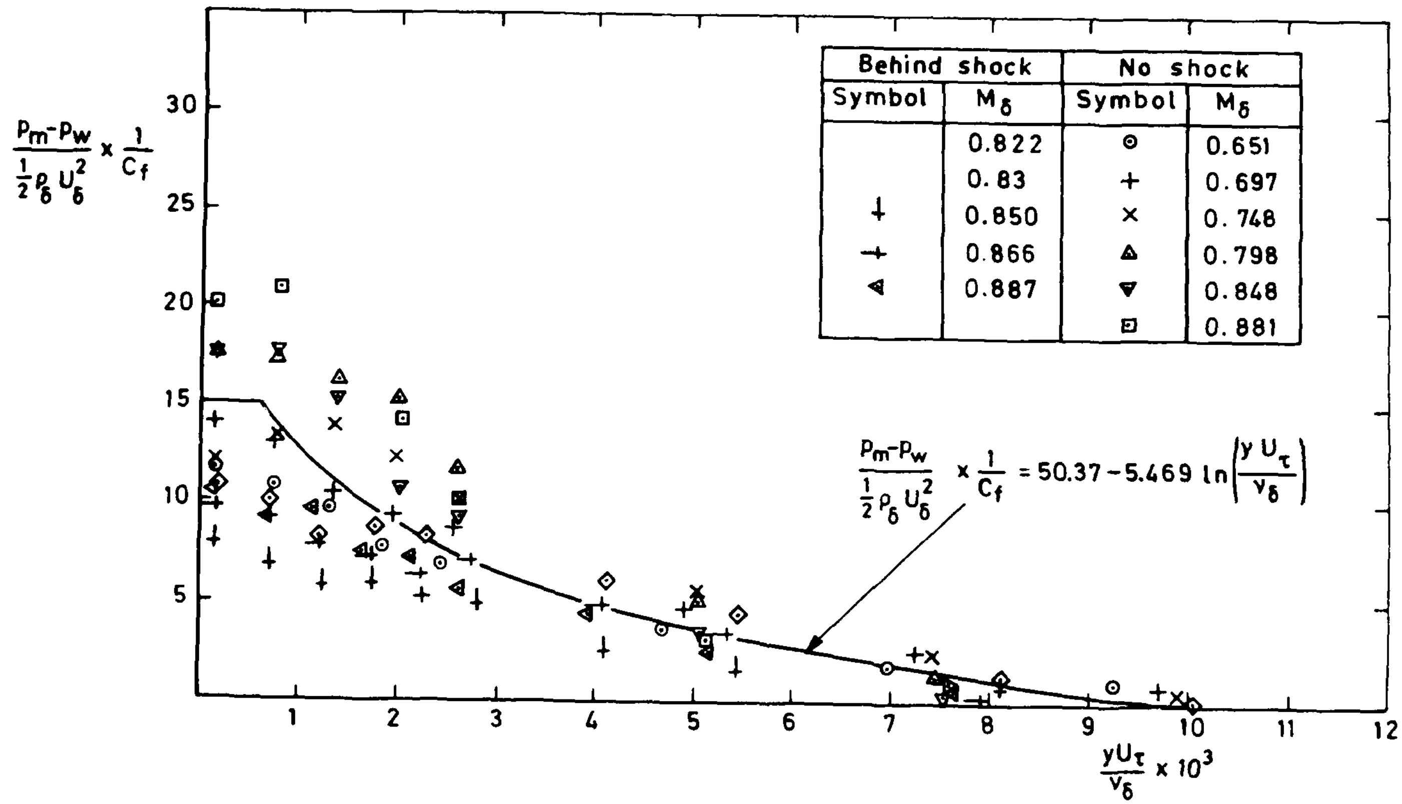


Fig 29 Wall/static interference errors, $M_u \leqslant 1.098$

Fig 30

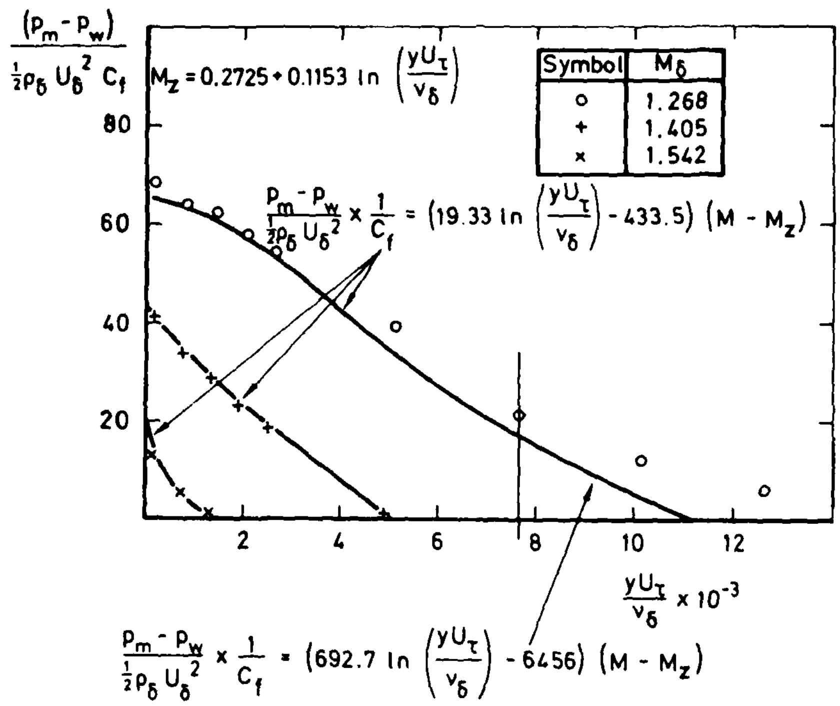


Fig 30 Wall/static interference errors, $M_u \geqslant 1.098$

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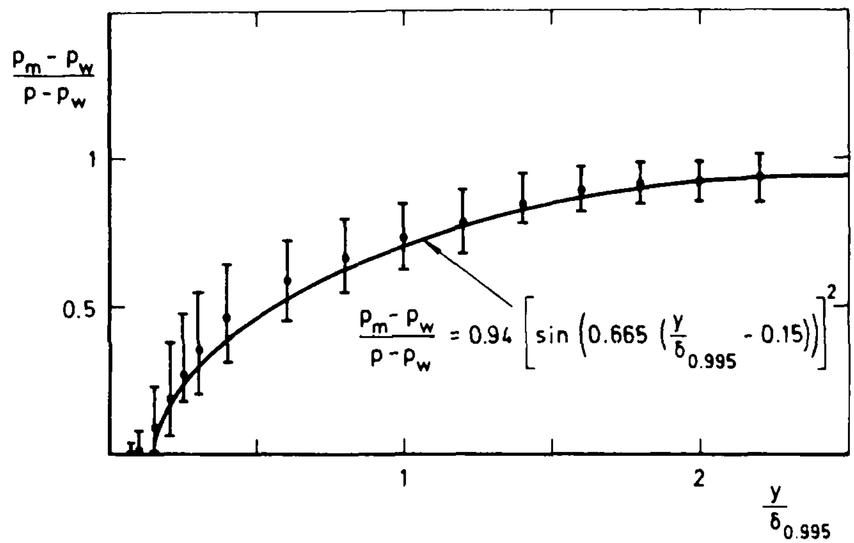

Fig 31 Modification to smoothed free stream static pressure calibration caused by probe position

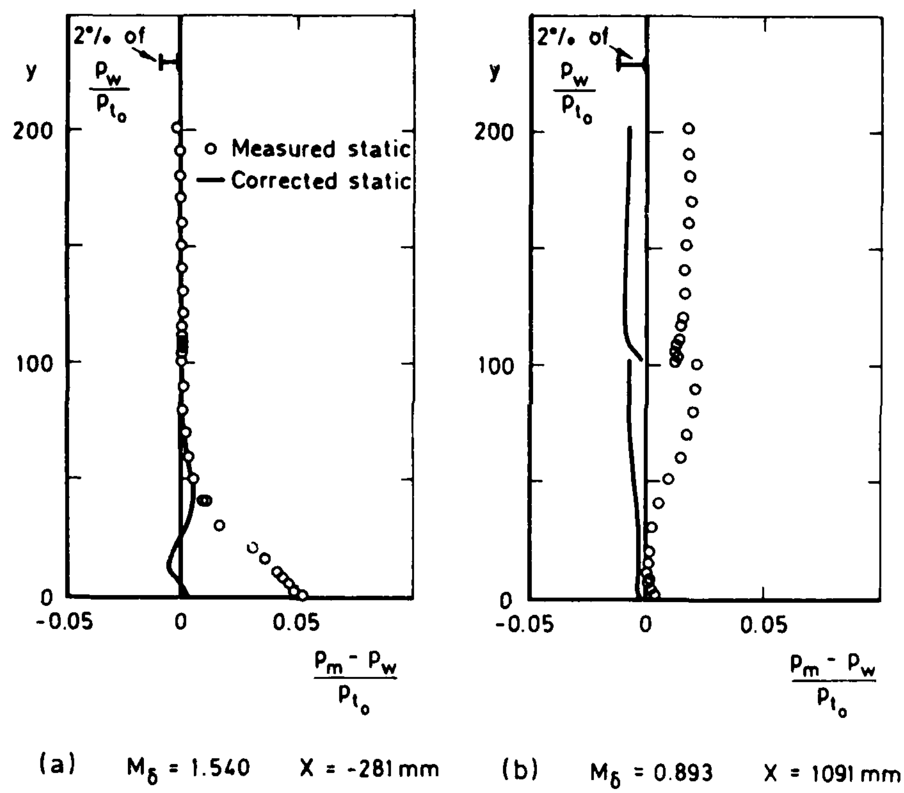

Fig 32a&b Typical corrected static pressures

TR 82099

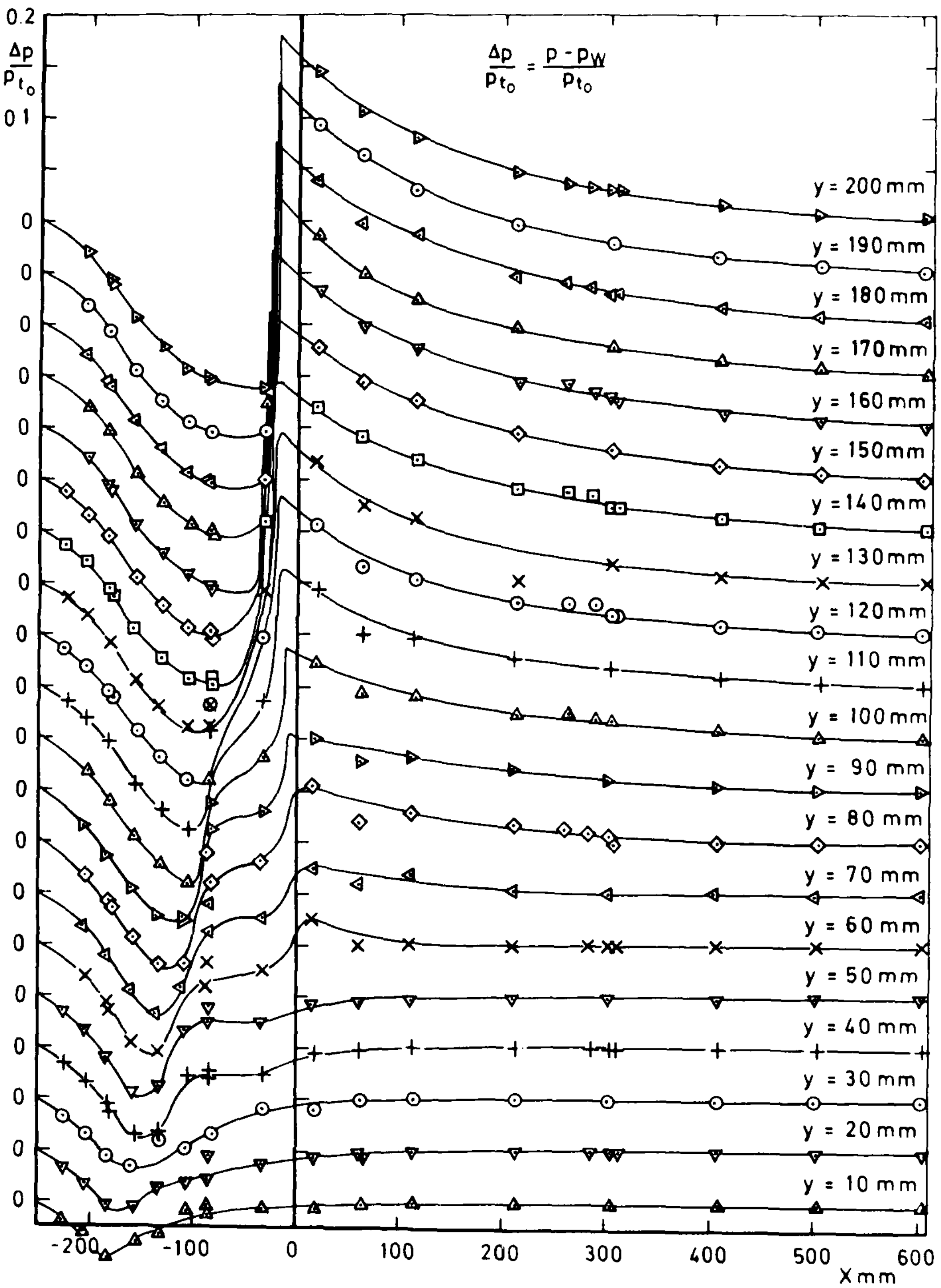

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Fig 33 Smoothed static pressure distribution, M = 1.5, Re = 10 x 10^6/mm

REPORT DOCUMENTATION PAGE

Overall security classification of this page

UNLIMITED

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7b. (For Conference Papers) Title, Place and Date of Conference

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Shock waves*. Turbulent boundary layers*. Boundary layer separation*.

17. Abstract

This Report presents the results of a study of seven flows involving the interaction between a normal shock wave and a two-dimensional turbulent boundary layer. The measurements were made at free-stream Mach numbers of 1.3, 1.4 and 1.5 and at Reynolds numbers based on an effective streamwise run of 10×10^6 to 30×10^6. The results were obtained from comprehensive traverses with both pitot and static probes.

Standard boundary-layer integral parameters based on wall and measured static pressures are presented, together with velocity profiles and the Mach number distribution over the interaction region.

An investigation has been made of the 'law of the wall' and the 'law of the wake' under the influence of strong normal pressure gradients.

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