Thick-apex equivalent unstiffened ellipsoid, axixym.deform.p = 460 psi

BIGBOSOR4 model

Axial Station (inches); -mode 2 initial imperfection shape is used

Radius (inches); Plot from BIGBOSOR4, step 10, eqellipse.ALL4N

Fig. 152 Axisymmetrically deformed shape predicted by BIGBOSOR4 for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.4 inch; Wimp=0.2 inch; the optimum design is listed in Table 78.** This axisymmetric deformation gives rise to the maximum effective stresses in each shell segment listed under "**-mode 2**" in Table 81.