STAGS "crude" 180-degree "soccerball" model

2nd non-axisymmetric mode; n=1 circumferential wave; pcr(STAGS)=3.2160 x 460 = 1479.36 psi
This is the thick-apex shell optimized with Wimp=0.2 inch.
shell is optimized with lower bound of thickness, t(apex) = 0.6 inch
linear buckling of perfect unstiffened shell; thick apex: t=0.61996 in Segment 1 of Fig. 2

Θ x -35.84
Θ y -13.14
Θ z   35.63

Fig. 235 Linear buckling mode from STAGS that corresponds to the fourth eigenvalue for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.61996 inch; the optimum design is listed in Table 93.** This is the second linear buckling mode with n = 1 circumferential wave. **Shells of revolution with imperfections with this non-axisymmetric shape cannot be handled by BIGBOSOR4.** Therefore, GENOPT optimization occurs in the presence of only axisymmetric buckling modal imperfections.