STAGS "crude" 180-degree "soccerball" model

axisymmetric mode 2, pcr(STAGS)=2.1963 x 460 = 1010.3 psi; BIGBOSOR4 gets 1017.2 psi
This is the thick-apex shell optimized with Wimp=0.1 inch.
This is eigenvector no. 3 of the STAGS model.
linear buckling of perfect unstiffened shell; thick apex: t=0.47183 in Segment 1 of Fig. 2

Θ x -35.84
Θ y -13.14
Θ z   35.63

Fig. 207 Linear buckling mode from STAGS that corresponds to the third eigenvalue for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.47183 inch; the optimum design is listed in Table 89.** Compare this 180-degree "soccerball" model with the STAGS model displayed in Fig. 151. Also compare this mode with the axisymmetric mode 2 determined by BIGBOSOR4 and displayed in Fig. 203. This shell was optimized with the amplitude of the axisymmetric buckling modes 1 and 2, **Wimp = 0.1** inch, half the amplitude, Wimp = 0.2 inch, that pertains to the results in Figs. 145 – 200 and Tables 78 – 88.