



Fig. 147 Linear buckling mode from STAGS that corresponds to the lowest eigenvalue for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with $t(\text{apex}) = 0.4$ inch; the optimum design is listed in Table 78.** Compare this mode with the axisymmetric **mode 1** determined by BIGBOSOR4 and displayed in Fig. 145. Also, compare with the STAGS axisymmetric buckling mode shown in Fig. 76. Also, compare with the STAGS “soccerball” model shown in Fig. 177, which is for the same shell.