



The unstiffened shell was optimized by GENOPT with very tiny Mode 1 and 2 axisymmetric imperfections.  
 STAGS linear buckling mode 6, pcr= 1.2633 x 460 psi  
 step 0 eigenvector deformed geometry  
 linear buckling of unstiffened perfect shell, optimized with very tiny mode 1 and 2 imperfections

$\Theta x$  -35.84  
 $\Theta y$  -13.14  
 $\Theta z$  35.63

Fig. 135  $n = 2$  circumferential waves non-axisymmetric linear buckling mode shape from STAGS for the optimized design of the “**perfect**” **unstiffened** equivalent ellipsoidal shell. The optimum design is listed in Table 33 under the heading, “unstiffened, perfect”. This STAGS buckling mode corresponds to eigenvalue no. 6.