

5-bay flat panel: Input for the PANDA2 processor, STAGSUNIT, is listed in Table 19

PA= 7.55500E+00 PB= 0.00000E+00 TIME= 9.22000E-02

step 160 displacement w contours

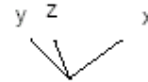
Fig.50 nonlinear w same view as linear buckling mode; case=allflat

Minimum value = -4.31467E-02, Maximum value = 4.39642E-02

⊖ x -35.84

⊖ y -13.14

⊖ z 35.63



2.989E+00

Fig. 50 STAGS prediction of deformed state of the flat panel at load factor, PA = 7.555 and at Time = 0.0922 seconds. Compare with Fig. 49. Mode jumping has occurred in the central stringer bay near the panel end at x=9.7793 inches. (Compare with Fig. 49). No overall axial bending nor in-plane panel skin edge warping are permitted in this STAGS model.