

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

PA= 7.55500E+00 PB= 0.00000E+00 TIME= 5.22000E-02

step 110 displacement w contours

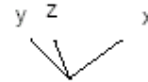
Fig.49 nonlinear w same view as linear buckling mode; case=allflat

Minimum value = -4.27860E-02, Maximum value = 4.36605E-02

⊖ x -35.84

⊖ y -13.14

⊖ z 35.63



— 2.989E+00 —

Fig. 49 STAGS prediction of deformed state of the flat panel at load factor, $PA = 7.555$ and at Time = 0.0522 seconds. Compare with Fig. 47. Mode jumping has not yet occurred but appears to be imminent in the central stringer bay near the panel end at $x=9.7793$ inches. (Compare with Fig. 50). No overall axial bending nor in-plane panel skin edge warping are permitted in this STAGS model.