

2-bay flat panel: Input for the PANDA2 processor, STAGSUNIT, is listed in Table 26

PA= 1.00000E+01 PB= 0.00000E+00 PX= 0.00000E+00

step 13 displacement w contours

Fig.68 nonlinear w same view as linear buckling mode; case=allflat4

Minimum value = -5.72854E-02, Maximum value = 5.41394E-02 | 2.148E+00 |

Θ x -35.84
Θ y -13.14
Θ z 35.63

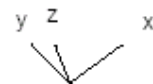


Fig. 69 STAGS prediction for the deformed state of the flat panel at the design load, PA = 10.0 (Nx = -1000 lb/in). This figure is analogous to Fig. 52, which pertains to the five-stringer-bay model of the flat panel. With the two-stringer-bay flat panel there is no mode jumping, however.