

2-bay curved panel without edge stiffeners: Input file, allenrngs2bay2.inp, is generated via Table 29

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

step 12 fabrication system ,seff, layer 1, inner fiber

Fig.85 nonlinear effective stress - inner fiber; case=allenrngs2bay2

Minimum value = 1.09982E-02, Maximum value = 5.74916E+04

Θ x 24.00  
Θ y -22.00  
Θ z 30.00

2.010E+00

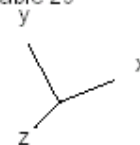


Fig. 85 STAGS prediction of inner fiber effective stress in the curved panel at the design load, PA = 10.0 (Nx = -1000 lb/in). This figure is analogous to Fig. 81, which pertains to the two-stringer bay model of the curved panel with edge stiffeners included in the model.