

Title: Senior Stress Engineer
Reports To: Principal Engineer
Application Deadline: Open Until Filled
Posting: Internal/External

Responsibilities:

Provide stress and weight analyses of the installation of interior components on aircraft.

- Research aircraft configuration to ensure necessary stress analysis is performed
- Perform stress analysis of aircraft interiors related support structure and composite structures
- Review engineering drawings to ensure compliance with requirements applicable to air worthiness regulations and aircraft operational load limits
- Generate or review formal weight estimates/reports, stress reports, test plans, and finite element models

Requirements:

- Bachelor degree in applicable engineering discipline, or equivalent experience required.
- Minimum 10 years stress analysis experience.
- Experience with finite element modeling and hand calculation methods
- FEMAP and NASTRAN experience
- Basic CAD skills
- PC literate in Word and Excel

Equal Opportunity Employer