



Example of Stress Engineer Job Description

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Our innovative and growing company is hiring for a stress engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for stress engineer

- Interact with Test supporting the environmental validation of flight hardware
- Perform other duties as required by Program Manager or more senior engineer(s)
- Stress analyst capable of performing static analysis for design substantiation to aircraft primary and secondary structure
- Responsible for the structural analysis and validation of the aircraft primary and secondary components and structure for metallic and non-metallic parts writing certification reports
- Responsible for compiling analytical results into a report format for customer review and approval
- Provide technical guidance to design engineers
- Provide mentorship, training, and guidance for junior engineers
- Review and verify that drawings are in compliance with all strength requirements and all applicable regulations
- Acts as a leader and a technical resource/consultant for the Engineering group
- Responsible for producing engineering and also for mentoring others in the Engineering group and helping them to produce engineering

Qualifications for stress engineer

- Static & Vibration Analysis

- Actuation Systems
- Pilot Control Systems (Pitch, Yaw, Control Stand)
- Test Correlation (Strain Gage and Accelerometer)