



Stress Engineer

Company Background

A core revenue stream for Airframe Designs Limited is the delivery of engineering services to support mechanical design solutions for the aviation, defence and space sectors.

Our Turn-Key offering for mechanical structures involves combining design, analysis and manufacturing solutions to deliver optimised products.

Job Description

The primary role of the stress engineer is to compile stress reports to demonstrate compliance against a set of relevant structural requirements. Other duties include:

- Compiling structural test plans / reports and observing tests.
- Visiting customers and attending airframe surveys.

Skills & Knowledge

- The ability to perform hand calculations based on first principles of stress and strain.
- Knowledge of metallic and non-metallic material properties and failure modes.
- Knowledge of EASA Part 21J Rules for DOAs and Certification Specifications, especially structural regulations associated with CS25, 27, 29 and FAR, JAR Equivalents.
- The ability to understand and check engineering drawings.
- Keeping abreast of current and future technologies.
- The ability to communicate clearly and confidently both within the business and externally with customers.
- The ability to integrate into multiple teams and projects and become familiar with different company procedures.
- The ability to work independently to provide creative solutions to problems.
- The ability to work efficiently and accurately to a 'required' and consistent standard.
- Competence with the engineering tool-set: MS Office, MATHCAD, MSC ONE

Primary Industry

Aerospace

Employment Type

Full-Time

Location

Office Based - Blackpool

Required Qualification

MEng / BEng Engineering Degree (or equivalent)

Applicant Pre-Requisites

Clean Driving Licence

Clear DBS Check

UK Passport Holder

Job Function

Stress Engineer

Application Process

Send CV and covering letter to:
reachout@airframedesigns.com

Web: <http://www.airframedesigns.com/>

LinkedIn: <https://www.linkedin.com/company/airframe-designs-limited>

Company Address: 11 The Pavilions, Avroe Crescent, Blackpool, Lancashire, FY4 2DP