



Design 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 design engineer is to create mechanical design data (3D models, 2D drawings, schemes and BOMs).

Other duties include:

- Creation of FMEA, User Manuals, CE documentation, design investigations, design reviews, design reports.
- Design representation at customer PDR, CDR, and FDR review gates.

Skills & Knowledge

- The ability to design mechanical structure and create the necessary data sets in a CAD environment.
- The ability to create and complete FMEA, User Manuals, CE documentation, Design investigations, Design Reviews, Design Reports.
- Knowledge of metallic and non-metallic material properties.
- Knowledge and appreciation of designing for manufacture (DFM) and designing for additive manufacture (DFAM).
- Knowledge of EASA Part 21J Rules for DOAs and Certification Specifications, especially design related regulations associated with CS25, 27, 29 and FAR, JAR Equivalents.
- 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, CATIA V5 and/or SOLIDWORKS and/or SIEMENS NX

Primary Industry

Aerospace

Employment Type

Full Time

Location

Office Based - Blackpool

Required Qualifications

MEng / BEng Engineering Degree (or equivalent)

Applicant Pre-Requisites

Clean Driving Licence
Clear DBS Check
UK Passport Holder

Job Function

Design 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