



FAA CRS# L2ZR265X  
FAA PMA# PQ1040SW

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## JOB POSTING

**Position:** Mechanical Engineer II  
**Locations:** Dripping Springs, TX (Austin, TX area)  
**Description:** Expanding company seeks Structural Engineer to occupy a specialized position. This is a higher level supporting role. May take on entire wiring interface or structural design for one or more projects. May have customer and supplier interaction as relates to the portions of the project they are supporting.

### Company Quality Policy:

L2 is committed to quality and continuous improvement in all areas of our organization. We provide solutions based on our customers' needs and are dedicated to ensuring that all expectations are surpassed. We are fanatical in ensuring our solutions meet or exceed regulatory and customer requirements. Working as a team, all employees are involved in the continuous quality improvement process to ensure that the company goals for quality, timeliness, responsiveness and innovation are met, thereby ensuring customer satisfaction.

### General Description:

- Expert on several types of mechanical installations and designs
- High level understanding of all aspects of aircraft mechanical and structural integration
- Monitors task budget and timeline with little supervision
- Knowledgeable of mechanical documents in Self-Assessment Part I (L2 data Packages), II (Manuals and Functions) or III (Aircraft and Systems) topics

### Primary Responsibilities:

- Design mechanical structure for installation of OEM-produced avionics systems into transport category aircraft
- Generate and/or work with CAD department to design/size structural components (panels, brackets, supports, mounts, etc.) and installation drawings utilizing AutoCAD or other drawing software
- Perform hands-on evaluation of prototype parts, including 3D printed parts
- Write engineering reports, manuals, installation instructions and test procedures
- Handle multiple projects concurrently
- Perform engineering and research in sometimes remote environments
- Provide engineering support for incorporation of changes for projects
- Provide engineering support to modification teams
- Approximately 10-20% travel
- Must pass 10-year security clearance background verification and submit to company's DOT/FAA Part 145 Drug and Alcohol Abuse Program

### Required Qualifications:

- Experience with structural modifications to aircraft and sizing of structural components using hand calculations and/or FEA
- Experience with the integration of mechanical assemblies

### Preferred Qualifications:

- B.S. in Engineering (Mechanical or Aerospace) or equivalent experience
- Experience with AutoCAD and Inventor
- Experience with structural analysis software
- Experience with large transport category aircraft
- Familiarity with aircraft Environmental Control Systems and associated ducting
- Experience with integration of avionics systems
- Experienced in interfacing with governing bodies such as the FAA, EASA, NTSB, or similar, and their representatives with regard to structural design
- Enjoys the challenges of working on projects that vary greatly and have the potential to require significant changes or alterations in mid-stream, remaining flexible and adaptable
- Ability to interact with and maintain relationships with vendors, customers, including airlines, DOD, OEMs, engineering partners, manufacturing, and modification teams
- Self-directed/self-starter
- Must be legally able to work in USA and supply required supporting documentation for the I-9 Form

**Contact:** [careers@L2aviation.com](mailto:careers@L2aviation.com)

**L2 PROPRIETARY AND CONFIDENTIAL INFORMATION**