

GoAeroMx, LLC • 311 N. Frank Luke Dr. • San Antonio, Texas 78226 • Submit Resume to: TKleckner@goaeromx.com

TITLE: Liaison Engineer

Location: GoAeroMx's San Antonio, TX facility
Date Active: August 24, 2017
Experience: 5 + Years
Reports to: Engineering Manager

Position Description:

- Assists in quoting, planning, and creating interface documents in support of aircraft modifications.
- Responsible for research, analysis, planning, design, development, and testing of transport category aircraft electrical systems.
- Assembles aircraft data installation documents.
- Acts as a liaison between engineering and the avionics modification teams.
- Prior knowledge of installations, modifications and the fabrication of wiring and electrical components, fixtures, and associated equipment in accordance with blueprints, worksheets, engineering drawings is required.
- Familiar with standard avionics shop practices.
- Familiarity with fabrication and/or install basic avionics and electrical systems in aircraft.
- Assist with planning and routing of wiring harness maps and/or mock-ups.
- Assist with fabricating test cabling and bench test components.
- Has general knowledge of applicable regulatory requirements.
- Assist avionics modification teams with power on checks, configuration, check out, and aircraft delivery to end customer.
- Provide support on-site engineering support for incorporation of changes for projects.
- Provide on-site engineering support to modification teams.
- Perform engineering and research in a remote environment, supporting engineering project implementation and installations.
- Creation and verification of BOM's and Engineering Data.
- Writing of engineering reports, manuals, installation instructions, and test procedures.
- Properly care for and maintain shop equipment and tools as assigned by Supervisor
- Interfaces and maintains good working relationships with vendors.
- Performs other duties as assigned.

Qualifications:

- Bachelor's Degree in Electrical Engineering (preferred).
- Exposure to aircraft modifications, FAA and aircraft OEM standard practices, and FAA certification is highly desired.
- Knowledge of reading, interpreting drawings, diagrams, and manuals; aircraft avionics/other systems; wire coding systems; avionics test equipment; knowledge of manuals necessary to perform job; troubleshoot aircraft electrical & aviation systems, and to measure using a variety of basic and precision measuring devices relating to job function
- Ability to work in and around the aircraft.
- Must be familiar with CFR's as well as the FAA STC and PMA process.
- 2-5+ years of Electrical Design experience in Aviation.
- Some travel will be required.
- Standard aircraft wiring practices.
- Ability to work independently with little supervision.
- Advanced skills in Microsoft Office Suite.

Continued:

- CAD Drafting (AutoCAD, Solidworks).
- NCATT certification is a plus.
- Must be able to pass background check and drug screening.
- US Citizenship Required

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. May include things such as:

- Office and PMA production environment for aircraft wiring, and small parts installation kits.
- The employee is subject to noise/ vibration/ moving mechanical parts/ aircraft / moving vehicles,
- The employee is subject to hazards: electrical current/ exposure to chemicals
- The employee is subject to fumes, odors, dusts, mists, gases or poor ventilation.
- The employee is subject to field work in changing environments.

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