
Avionics Technician and Drafter

Bend, Oregon

Are you passionate about aviation, building something with your hands or working on an exciting project for a dynamic, growing company? Epic Aircraft LLC is a manufacturer of high performance single-engine turboprop aircraft based in Bend, Oregon. We are seeking enthusiastic, hardworking candidates to join our fun and growing team. The soon-to-be-certified E1000 will be the fastest, highest performing, most affordable and comfortable, six-place single-engine turboprop in the world.

Position Description:

The Avionics Drafter and Technician will design, develop, and install electro-mechanical assemblies and electrical harnesses for Epic LT Aircraft. You will share in the team's impact on all aspects of design, fabrication, installation and test. The Avionics Drafter will perform a variety of tasks related to designing, developing building and installing.

Your Day-to-Day:

- Create Autocad harness data files and update rev changes
- Design avionics enclosures
- Design and integrate harness support brackets
- Support configuration development and trade studies
- Develop harness routing requirements, interfaces, specifications and process controls
- Provide technical guidance for hardware installation
- Active involvement in functional checkouts of instrumentation and electrical circuits
- Identify opportunities for safety improvements and operational cost savings
- Perform routine maintenance, avionics installations and set up
- Troubleshoot and repair and/or check complex systems
- Properly use Avionics hand tools to perform repairs and installations
- Take immediate corrective action regarding unsafe conditions
- Operate ground support equipment as required
- Other duties as assigned

What You Bring to the Team (Requirements):

- Minimum of an A.S. degree **OR** 3-5 years of recent experience designing/drafting aerospace or equivalent type harnesses, electrical test equipment, avionics boxes and associated brackets
- Prefer 3-5 years' minimum field experience as an **Avionics Tech or A&P with Avionics Exp.**
- Familiar with existing applicable **harness standards** - IPC/WHMA-A-620
- Strong electrical/mechanical design and integration skills using 3-D CAD software
- Experience with **Geometric Dimensioning and Tolerancing (GD&T)**
- Knowledge of **harness fabrication and installation** processes
- Excellent written and verbal communication skills
- Excellent analytical and problem-solving skills, high level of accuracy

- Must be **flexible** to adapt to changing requirements
- Ability to work well independently or in a team environment
- Knowledgeable with **GARMIN** installation and set-up preferable. (G1000, G950, G3X, etc.) but will consider experience with another platform
- Experience with **harness making**
- Previous employment in either a **certified or high performance experimental aircraft** desirable
- Knowledge of other **aircraft systems** e.g. hydraulic, flight controls, etc. and major components.
- Basic knowledge of **avionics tooling**
- Proficient with using hand tools
- Excellent computer skills
- Ability to follow CAD drawings & electrical schematics
- High level attention to detail.
- Proven ability to troubleshoot basic problems.
- **Must be Authorized to work in the U.S. for any Employer**

Why Epic Aircraft:

We are truly passionate about aviation and building an amazing aircraft. You will directly contribute to the success of the soon-to-be-certified E1000. We need people who aren't afraid to work hard, be rewarded and have fun!

Benefits Include:

- Competitive Pay
- Company Provided Paid Time Off
- Company Paid Health Benefits
- Seven Paid Holidays
- 401K Plan
- Advancement Opportunities
- Friendly Team Environment
- Fun Company Events