



Instrumentation Engineer

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:

Responsibilities of the **INSTRUMENTATION ENGINEER** will include support of flight test activities which entails onboard calibrations, safe installation practices, troubleshooting, data acquisition and system operational support.

Your Day-to-Day:

- Design, plan, build and test instrumentation systems and installations on various flight test projects
- Reviews recorded flight data for integrity, and readiness for upcoming flights
- Reviews post flight data reduction and analyses. May share/examine results with Engineering Associates as needed
- Coordinates with Flight Test Engineers to provide necessary data display onboard the flight test aircraft
- Coordinates designs for Instrumentation Installations
- Monitors installation progress for support of upcoming flights
- Configuring Data Acquisition System
- Manages the database used to document the parameters used in testing and supporting the conformity processes
- Research, test and develop innovative improvements in current and future flight test instrumentation data acquisition systems.

What You Bring to the Team (Requirements):

- 2+ years of directly related experience
- Bachelors' Degree in Aeronautical, Aerospace, Mechanical, Electrical, or Related Engineering Field Equivalent education, training and work experience may also be considered such as a solid background in Avionics
- Experience working on a certification program or familiarity with FAA Certification processes (14CFR, FAR 23 &/or FAR 25) preferred.
- Working knowledge of Data Acquisition systems operation, management and analysis



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- Working knowledge and experience with a wide range of instrumentation sensors (i.e- Strain gages, Pressure transducers, Thermocouples, Load Cells, String Potentiometers)
- Proficiency with MS Office applications
- Solidiworks experience preferable, Catman experience helpful but not necessary
- Electrical (Avionics) experience highly desirable
- Ability to communicate effectively throughout all levels within the organization
- Ability to work independently or within a team oriented atmosphere
- Travel and overtime are required when necessary
- Candidate shall not be a foreign national. US Citizenship or Permanent Resident (Green Card) is required

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
- Temperature controlled environment
- Advancement opportunities
- Friendly team environment
- Fun company events