



Avionics Systems 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 **AVIONICS SYSTEMS ENGINEER** will include providing support for all communication, navigation and guidance systems. Will perform testing and calibration of avionics systems to ensure that those systems are working properly. May also conduct research to address issues associated with flight safety systems, landing gear and electronic navigation systems. May assist in installing and servicing avionics communications equipment. Will ensure that newly installed systems and those that have been repaired meet requirements mandated by the Federal Aviation Administration and company specifications.

Your Day-to-Day:

- System integration design for avionic equipment including preparation of schematics and wiring harness drawings
- Prepare ground test plans and flight test plans for avionics equipment evaluation
- Develop avionics specifications and ensure equipment compliance
- Coordinate requirements for development, hardware / software design, verification, and validation activities
- Responsible for the technical performance of the avionics system
- Verify drawings and prepare engineering change notices (ECNs) as required
- Develop quality designs, evaluating cost, safety, and manufacturing, within the time constraints
- Produce drawings, reports and other engineering data required for production, testing and qualification of designed equipment
- Contribute to planning, developing and coordinating important engineering projects
- Provide specialized technical assistance to team members
- Use advanced techniques and modified extension of theories to provide technical solutions to a wide range of difficult problems
- Determine and develop acceptable approaches to solutions within FAA regulations, schedule and cost objectives
- Work under limited supervision



EPIC AIRCRAFT JOB POSTING

- Enjoy and have expertise in hands-on engineering projects
- Knowledge of document control and ability to follow drawing revision processes
- Actively work to improve daily processes and ensure all work meets customer requirements
- Maintain a current knowledge of developments in the aerospace Avionics field and/or other related aircraft fields to recommend innovations to improve quality and effectiveness of company product

What You Bring to the Team (Requirements):

- Aerospace experience is required
- Bachelor's degree in Aerospace, Electrical or equivalent experience in a related Engineering field
- 5+ years experience with Avionic Systems Engineering processes is required
- Knowledgeable with **GARMIN** G1000, G5000, G3X, etc. desirable
- Knowledge and experience using Solidworks and AutoCAD is required
- Understanding of aircraft certification processes and associated FAA regulations and requirements
- Be familiar with 14 CFR Part 23
- Able to interface effectively with Multiple Departments, Management, and the FAA
- Excellent verbal, written and computer skills are required
- 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