



## **M&P 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:**

As part of the Engineering Department the Materials and Processes (M&P) Engineer will review material requirements for engineering designs and direct material testing and evaluation on engineering projects. Additionally, this position is responsible for conducting failure analyses and evaluating new materials and processes. The M&P Engineer is responsible for reviewing and writing material specifications and process specifications, and will also write reports documenting activities and analyses. This position requires excellent technical, process, communication, organizational and people skills as well as the ability to continuously prioritize multiple projects in a fast-paced environment with a high level of focus on quality, accuracy and confidentiality in all work products.

### **Your Day-to-Day:**

- Provide Materials & Processes (M&P) technical support
- Conduct failure analyses and evaluate new materials and processes
- Review and write material specifications and process specifications
- Write reports documenting activities and analyses
- Test Analysis and other test related tasks including test set-up and coordination
- Research and review material supplier datasheets and specifications

### **What You Bring to the Team (Requirements):**

- 3+ years of experience in **materials and processes, material testing, failure analysis and specifying materials.**
- BS or MS in Materials Science, Mechanical Engineering or Chemical Engineering
- Experience in Excel/VBA
- **Materials testing** experience including **load frame, DMA, DSC and FTIR** as well as **Composite Manufacturing** knowledge (preferably with Oven Cured Composite Parts)
- Experience in developing **Material Allowables**
- Coursework in organic chemistry and composite manufacturing
- Hands on experience with **composite processing** and an understanding of the industry standards/ best practices for **out of autoclave manufacturing** methods



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- Familiar with **composite FAA structural certification**
- Experience with **ASTM standards** for testing of composites, ability to develop detailed instructions related to implementing new test methods.
- Computer aided design using solid works modeling software
- Ability to follow prescribed processes, specifications, and guidelines
- Work well independently and in a team with positive attitude & professional presence
- Ability to perform in unique and changing environment; respond effectively to changes and other deadlines; readily accept new ideas and approaches
- Able to work with minimal supervision on highly technical projects
- Excellent communication skills, verbal and written (author technical memos)

### **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