



Senior Electrical Technician

Job Description

Department: Production / Engineering

Reporting to: Senior Electrical Technician

Job Purpose:

The Senior Electrical Technician works in conjunction with the Production/Engineering team to build, test and certify Precise Flight's extensive line of products and systems. This position is also responsible for prototype and final product development, debugging designs, integration, testing, and lifecycle support. Apply knowledge of electrical principles, design, manufacturing processes and limitations, and procedures.

Essential Duties and Requirements:

- Minimum two years' work experience directly working within an aircraft and/or manufacturing environment.
- Software Knowledge: Microsoft Windows, Microsoft Office
- Familiarity with RTCA DO-160 testing and Aircraft Mechanical and Electro-mechanical systems
- Must be able to work in a team environment and be willing to help other team members in order to complete projects on time
- Be able to quickly analyze complex situations and determine the best solution
- Possess exceptional mathematical and critical thinking skills, as well as excellent communication abilities
- Be able to set and meet realistic deadlines and goals

Organizational Core Competencies:

- Take pride in the quality of your work assignments and maintain a positive attitude about the company and all of its customers
- Perform assigned duties in a self-motivated, self-starter, organized, time structured manner
- Maintain the highest ethical standards at all times
- Report any and all conditions affecting customer satisfaction
- Learn and understand the principles of lean manufacturing and 6s always working to the standard of "Relentless Elimination of Waste"
- Continually pursue lean manufacturing principles through education and continual implementation
- Become and remain expert in knowledge with the company's quality management system and continually put into effect the quality management system throughout operations



- Become and remain expert in knowledge with the company personnel policy and expected standards of employee conduct
- Become and remain expert in knowledge level of the company Repair Station manual
- Safely operate, maintain, clean and store, tools and equipment necessary for the production of company products
- Ensure that all tools and equipment in use have a current calibration record and identification before using
- Ensure that all equipment, tool and machine areas are kept clean and hazard free
- Ensure that all work areas and tools are kept clean, organized, and clutter free
- Immediately advise supervisor or higher authority, of all delays, potential delays, work stoppages, potential work stoppage, quality control problems, anticipated quality control problems, shortages, new item or process requirements, perceived design deficiencies, observed parts failure patterns, substandard work previously accomplished on items being worked on.

Senior Electrical Technician Job Specific Duties:

- Electrical and Electro-Mechanical component troubleshooting and repair skills
- Being able to use and maintain electrical test fixtures
- Plans and directs the construction of prototypes to meet internal and customer requirements.
- Analyze various design requirements and recommend possible solutions or alternate constructions
- Prepare and evaluate tolerance stack-ups for mechanical and electrical components
- Support customer quality assurance programs by performing failure analyses on failed parts, documenting root cause and identifying corrective actions. This involves an expert understanding of the Precise Flight Quality Resolution Program (QRP), maintaining good communication interdepartmentally, and timely clear communication with customers.
- Must be cost conscious, electrically and mechanically inclined, and able to use ingenuity and imagination to solve complex design and production problems
- Can read and interpret drawings, schematics, manuals, directives and any other material for compliance to appropriate governing agencies and/or company standards
- Use precise definitions, standards, and tolerances as are published in PFI drawings, installation instructions, and such other documents as may pertain. In the event that discrepancies or errors are found, document them in writing and bring them to the attention of the supervisor.
- Must be able to work in a team environment and be willing to help other team members in order to complete projects on time.
- Work with all interdepartmental teams in a professional manner to accomplish given tasks.
- Work with the director of engineering for scheduling and resources
- Provide management status updates on projects



Preferred Skills but not required:

- Working knowledge of aircraft systems, EMI, RFI, Lightning, aircraft construction, aircraft maintenance, and aircraft operation
- Autodesk AutoCAD, Inventor, Altium, Solidworks
- Possess technical writing skills and experience writing technical documents (i.e., Test Procedures, Test Reports, Failure Analysis, etc.)

Compensation:

1. Annual Bonus Opportunity: Up to 20% based upon year over year company sales growth.
2. Annual Paid Time Off (PTO): 15 days during first 3 years, 20 days during years 4 and 5 and 25 days from 6 years and on.
3. Annual Paid Holidays: 9 per year
4. Fully Paid Medical Insurance for employee and pre-tax 125C plan employee paid coverage of dependents
5. Retirement Plan: 401(k) Plan company match on 100% of employee contributions up to a maximum of 4% of base pay.
6. Out of Pocket Dental/Vision Reimbursement: Up to \$600 year reimbursement for out-of-pocket dental and vision expenses.
7. Wellness Benefits: Up to \$25/mo reimbursement for qualified expenses such as memberships to health clubs, yoga studios, etc.

TO APPLY FOR THIS POSITION, PLEASE EMAIL COVER LETTER AND RESUME TO
JOBS@PRECISEFLIGHT.COM

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