

Senior Avionics Bench Technician

Pay

Based on experience_

Job Summary

Works under minimal to self-direction under a Lead or Manager following engineering drawings & schematics to repair and/or modify electrical/avionic (Communications-Navigation, Instruments, etc.) Systems and Subsystems

- Performs operational checks, bench checks, troubleshoots and isolates malfunctions in complex avionics equipment
- Tests avionics equipment under simulated or actual operating conditions to determine performance and airworthiness, using test equipment, such as oscilloscopes, digital meters and counters, and circuit analyzers
- Troubleshooting of units to component level using CMM, engineering schematics.
- Annotates maintenance actions in record system
- Works with Engineering and other Technicians to troubleshoot avionics/ electronic malfunctions to resolve and provide information for corrective action(s)
- Performs scheduled and unscheduled maintenance and inspections in accordance with manufacturer and FAA recommended and mandatory instructions
- Reads and interprets manufacturer maintenance manuals, service bulletins, technical data and other specifications
- Has thorough knowledge of commonly-used concepts, practices, tools and procedures within the commercial/ military aviation field.
- Receives technical guidance, as required, from Manager or higher-level technician, will occasionally be required to lead teams through more complex relevant tasks
- Perform other qualified duties as assigned
- Ensure that appropriate levels of Quality and compliance are met for all assigned work in a timely and cost-effective manner
- Provides fabrication and technical support to peers as required
- Perform manufacturing and maintenance activities for the effective management of organizational goals and objectives, configuration and document controls, work package execution, standard metrics within the department, and product quality
- Interface with all departments to ensure cooperative effort

Knowledge and Skills

- Working ability to interpret schematic diagrams, engineering drawings and charts of assigned systems
- Working knowledge of avionics unique tools such as test equipment, DMM, O-scopes, audio analyzers, frequency generators, Hunton
- Working knowledge of aircraft communications/ navigation and instrument systems

- Knowledge of advanced electronic principles and circuit analysis
- Advanced ability to trace signal flow, understand interrelationships of circuits, interpret waveforms and voltages
- Excellent soldering and harness/ wiring skills, PC board, surface mount and crimping experience
- Advanced knowledge of all standard test equipment and maintenance procedures
- Advanced knowledge of technical publications
- Minimal to self-directed ability to perform individual assignments
- Establish and maintain effective work relationships
- Must possess reliability, communication skills, workmanship and good judgement

Job Type:

- Full-time

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Flexible spending account
- Health insurance
- Life insurance
- Paid time off
- Referral program
- Tuition reimbursement
- Vision insurance

Schedule:

- 8 hour shift

Supplemental Pay:

- Bonus opportunities

Experience and Education

- Completion of high school or equivalent
- Minimum of 2 year degree in Avionics/Electronics program

And

- 2-10 years of actual and recent avionics maintenance/ troubleshooting experience on equipment typically installed on general aviation aircraft. (. i.e. Garmin, Bendix King, Honeywell, or Collins avionics)