



## AVIONICS TECHNICIAN I

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### **Job Responsibilities**

- Fully participate in and support the Fulcrum Concepts Quality Management System to ensure and enforce quality control and safety standards
- Work independently or as part of a team to resolve electrical and avionics related problems
- Perform typical maintenance, installation, and repair of aircraft electrical/avionics wiring harnesses, components, and systems per specifications, drawings, and maintenance manuals
- Conduct functional and operational tests to evaluate performance and reliability. Set up and operate necessary test equipment as required
- Assist with troubleshooting and repair of aircraft electrical/avionics components, wiring harnesses, sensors, and weapons systems
- Ensure all work is documented IAW Repair Station manuals, processes, and procedures
- Manufacture and modify wiring harnesses and RF cabling using acceptable practices
- Solder electrical and electronic connections and components
- Support experimental, environmental, operational, ground, flight and stress tests on models, prototypes, and products as required
- Under supervision, analyze and reconcile engineering drawings and system schematics
- Perform mechanical tasks such as drilling, prepping holes, applying sealants, installing rivets, Hi-Loks, Click Bonds, and assembling structures as required
- Assist aircraft and production mechanics as required

### **Physical Requirements**

- Ability to lift and carry up to 50lbs
- The position will require walking, standing, squatting, crouching, stooping, lifting, climbing, pulling, pushing, sitting, kneeling and repetitive motion
- Must be able to distinguish colors
- Ability to work for extended periods at computer workstation
- Ability to work with small objects requiring good eye/hand coordination/dexterity
- Ability to travel domestically
- Excellent interpersonal skills with the ability to establish positive working relationships with manufacturing, design, materials, and management

### **Knowledge And Experience**

- 3-5 years of electrical and avionics troubleshooting, harness assembly, cable assembly, and quality control experience
- 1-2 years of PART 145 Repair Station experience

*Give me a lever long enough, and a fulcrum on which to place it, and I shall move the world -Archimedes*

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- Experience in disassembly and reassembly of aircraft interiors
- Ability to read wiring diagrams, schematics, and technical drawings
- Be familiar with AC 43.13, AS50881, and FAR Handbook for Aviation Maintenance Technicians
- Be familiar with military and commercial electrical interconnects and required tooling
- Be familiar with IPC/WHMA-A-620
- Basic computer skills and experience with the Microsoft Office Suite

**Additional skills that are not required but beneficial include:**

- Experience in a manufacturing environment is desirable

**Security Clearance Requirement**

- Subject to a security investigation and may need to meet eligibility requirements for access to classified information and a SECRET, TS, or TS/SCI clearance may be required as well.

**Education**

- High school or equivalent required
- Associate degree or technical school and/or military electrical/avionics school preferred
- FAA Airframe and Powerplant License is preferred
- FCC License is preferred
- IPC certification training is preferred
- Equipment Manufacturer and Factory training experience is a plus

**Benefits include:**

- 401(k) Safe Harbor Savings Plan
- Medical, Dental, and Vision Insurance Plans
- Short and Long Term and Disability
- Vacation and Sick Leave Packages
- 13 Paid Holidays each year
- 9/80 Work Schedule

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***The assigned personnel are responsible for the listed duties and responsibilities plus any other direction and responsibilities assigned by the Managing Members.***

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Fulcrum Concepts, LLC is a service disabled, veteran-owned, small business that provides innovative services and products to solve requirements for its customers. Fulcrum Concepts, LLC specializes in solutions for tactical aviation organizations and is structured to provide comprehensive solutions that



begin with an initial requirement and end with fielded products. At Fulcrum Concepts, the unique combination of operational experience and a robust aerospace engineering capability enable the company to provide elegant, lightweight, enduring solutions for its customers.

Fulcrum Concepts, LLC is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected veteran status, age or any other characteristic protected by law. In addition to federal law requirements, Fulcrum Concepts, LLC complies with applicable state and local laws governing nondiscrimination in employment.

