



JOB TITLE: AVIONICS TECHNICIAN

Wings of Hope is a nonprofit, global humanitarian aviation organization headquartered in Chesterfield, MO. Our mission is to *change and save lives through the power of aviation*. We accomplish this through our three program areas, the Medical Relief & Air Transport (MAT) Program, our Global Programs, and our SOAR into STEM (SiS) educational programs.

SUMMARY

Wings of Hope seeks an A&P Avionics Technician to join our team. The Avionics Technician is part of a team that maintains Wings of Hope aircraft and prepares aircraft for raffles or sale. Key duties include responsibility for avionics installation, inspecting, testing and adjusting equipment, such as radar, radio, and navigation systems in aircraft.

KEY RESPONSIBILITIES

Key responsibilities include:

- **Installation & Inspection:** Install, inspect, and test avionics equipment (radar, radio, navigation, autopilot, compass, etc.), ensuring accuracy of assembly and identifying defects such as loose connections or frayed wiring.
- **Testing & Troubleshooting:** Conduct functional tests under simulated and actual operating conditions using oscilloscopes, digital meters, counters, and circuit analyzers to confirm performance and airworthiness.
- **Repairs & Adjustments:** Diagnose issues, adjust frequencies, and repair or replace defective components following blueprints, schematics, and technical manuals.
- **Regulatory Compliance:** Perform Pitot-Static and Transponder inspections in accordance with FAA requirements; maintain current FAA authorizations and licensing.
- **Flight & Ground Support:** Support flight crews with in-flight adjustments and post-flight assessments; operate ground stations for radar and radio checks.
- **Documentation:** Maintain accurate records of avionics inventory, log entries, equipment status, and tool calibration; sign aircraft logbooks for all completed work.
- **Safety Practices:** Maintain a safe working environment by following safety procedures and protocols, including using personal protective equipment (PPE).
- **Collaboration:** Partner with the purchasing department to source quality parts at the best value; work cooperatively with hangar staff to support operational efficiency.

EDUCATION AND EXPERIENCE REQUIRED

Current Airframe and Powerplant license and related experience.



WORKING CONDITIONS

- Potential hazards associated with working around aircraft, electricity, pressurized air, hydraulic systems, use of hand and power tools, solvents, lubricants, and other combustible substances (aircraft fuel).

KNOWLEDGE, SKILLS, AND ABILITIES

- A true interest in humanitarian work and the Wings of Hope mission
- Ability to transport and operate heavy tools and equipment
- Ability to lift 50 lbs.
- Ability to work in varying temperatures both indoors and outdoors
- Excellent communication and organizational skills
- Ability to work with a wide variety of personalities and organization volunteer groups

COMPENSATION

The Avionics Technician is a full-time (40/hrs./week), hourly position. Employee benefits including health, dental, and vision available. A generous vacation and time off policy is also offered. The hourly pay rate is \$30.00.

TO APPLY

Please send cover letter and resume to Amy Buehler at amy.buehler@wingsofhope.ngo. Please enter "Avionics" in the subject line.

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