

WINGS OF HOPE
Professional Services Description of Role

TITLE: Aircraft Avionics Technician

Reports to: Director of Maintenance
Prepared by: Wings of Hope www.wingsofhope.ngo

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SUMMARY:

The Avionics Technician is part of a team who maintain Wings of Hope aircraft and prepare aircraft for sale. The professional in this role is responsible for installing, inspecting, testing, and adjusting equipment, such as radar, radio, and navigation systems in aircraft.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Core duties and responsibilities include the following. Other duties may be assigned.

- Embraces the mission, vision, and culture statement of the organization.
- Works with the purchasing department to identify quality parts for the best value.
- Inspects and tests equipment such as radar, radio, navigation, autopilot, and compass systems, installed in aircraft, using hand tools and test equipment: Inspects components of equipment for defects, such as loose connections and frayed wire, and for accuracy of assembly and installation.
- 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.
- Adjusts, repairs, or replaces defective components based on analysis of test results, following blueprints, schematics, handbooks, and other technical documents, using hand tools.
- Familiar with Pitot Static and Transponder checks.
- Adjusts frequencies of radio sets by signaling ground station and turning setscrews.
- May accompany flight crew to perform in-flight adjustments and to determine and record required post-flight repair work.
- May operate ground station for air-to-station check of radar or other equipment.
- Maintains accurate records of all avionics inventory, equipment, and tools.
- Ability to manage volunteers.

EDUCATION AND/OR EXPERIENCE:

Three-plus years of related experience; Familiar with Garmin avionics installations, possession of an FAA Airframe and Powerplant license preferred.

KNOWLEDGE, SKILLS, AND ABILITIES:

Passion for Wings of Hope and aviation overall. Strong communication skills and professional appearance. Extensive knowledge of FAA rules and regulations and the operation of flight instruments.

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).

PHYSICAL REQUIREMENTS:

Ability to transport and operate heavy tools and equipment.

COMPENSATION:

The Avionics Technician position is a full-time (40 hours/week), hourly position reporting directly to the Director of Maintenance.

Employee benefits, retirement savings plan and professional development opportunities are available. Salary range is: \$20.00 - \$26.00 per hour.

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APPLY:

**Qualified candidates should submit a resume and cover letter to:
Angela Walleman, Director of Human Resources
angela.walleman@wingsofhope.ngo**