

# ARIZONA NATIONAL GUARD – ACCELERATED HIRING OPPORTUNITY

## ACCELERATED HIRING AUTHORITY #23-011AHA

**POSITION / GRADE:** Electronic Integrated Systems Mechanic / WG-2610-12

**SALARY:** \$37.80 - \$44.12 hourly rate

**TYPE OF APPOINTMENT / TENURE:** T32 / INDEF (Individual selected will receive an Indefinite Appointment and may be converted to permanent based on availability of funds or position no longer being encumbered.)

**Service:** Excepted

**LOCATION:** 162d WG, Arizona Air National Guard, Tucson, Arizona

### AREA OF CONSIDERATION:

**RANK:** AB/E1 – SSgt/E5

**MOS:** Must possess 2A374, 2A354 or 2A334

**SUMMARY OF DUTIES:** The primary purpose of this position is to install, modify, overhaul, maintain, troubleshoot, repair, align, calibrate, and rebuild multi-system avionics complexes consisting of multiple completely integrated electronic avionics systems where the complex accomplishes a number of major functions. The worker in this career field must demonstrate the ability to perform on-or-off equipment maintenance on one or more complete electronic integrated systems associated with the assigned aircraft and/or maintenance on automatic flight control systems, instrument systems, inertial or radar navigation systems.

**HOW APPLICANTS WILL BE ASSESSED:** If your resume does not include a narrative description of how you meet the SPECIALIZED experiences and OTHER requirements, you may lose consideration for this position.

**SPECIALIZED EXPERIENCE:** Must have at least 12 months working experiences involving installing, modifying, overhauling, maintaining, troubleshooting, repairing, aligning, calibrating, and rebuilding multi-system avionics complexes consisting of multiple completely integrated electronic avionics systems where the complex accomplishes a number of major functions. Skilled in performing on-or-off equipment maintenance on one or more complete electronic integrated systems associated with the assigned aircraft and/or maintenance on automatic flight control systems, instrument systems, inertial or radar navigation systems. Experiences included performing scheduled and unscheduled maintenance on one or more multi-complex electronic integrated systems. Skilled in conducting operational checks, inspections, tests, trouble shooting, removal and replacement of line replaceable units. Capable of isolating unusual malfunctions by using technical orders, schematics, wiring diagrams, tools, and test equipment to include automatic test equipment and flight line test systems. Experiences involved solving complex problems by analyzing installation, circuitry, and operating characteristics of the systems. Skilled in adjusting and aligning system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Capable of installing serviceable components into aircraft and performed total systems alignment and harmonization in accordance with existing technical orders and directives. Skilled in technical order FWS compliance factors, modification of components/systems, and completed thorough system checks for proper operations. Experienced in maintaining, modifying, calibrating and inspecting a wide variety of user tests, measurements, and diagnostic equipment. Skilled craft for installing, modifying, overhauling, maintaining, troubleshooting, repairing, rebuilding, aligning, and calibrating complete electronic avionics multi-systems controls. Must have a working knowledge of complex aircraft avionics; and/or, electronic circuit maintenance systems such as, the electronics package used in an automated aircraft. Skilled in operating integrated flight and integrated counter-measures system, electronic multiplex communications bus, inertial navigation system, multi-function displays, head up display, data transfer equipment, global positioning system, situation awareness data link, data modem, flight control system, pitot-static system and related

instrumentation. Must have experiences in working with the flight director instrumentation, central air data computer, engine, hydraulic and fuel quantity indicating systems, voice message warning, very high frequency ultra-high frequency, satellite communications data, intercom, secure voice communications, and identification friend or foe tactical air navigation system. Experiences included work that evaluated operational characteristics of the integrated systems by observing and analyzing waveforms, voltage, current, power indications, computer registers and printouts. Skilled in analyzing the malfunctions encountered through fault codes, determines repair sequence process and performs the repairs. Experienced in the review and analyzation of maintenance data. Knowledgeable in determining if criteria are sufficient to provide adequate test, troubleshooting and repair procedures. Experienced in devising and recommending tests, procedural changes, or data corrections. Capable to align, adjust, and perform final calibrations on integrated systems to determine successful repairs. Skilled in analyzing equipment failure and malfunctions; and, suggested changes to improve operations. Experiences included monitoring the operations of complex, inter-related systems, and analyzed operating trends, proposed preventative maintenance down time that assured continued operating capability, and recommended components for overhaul or engineering evaluation for disposal. Skilled in applying technical data and equipment specifications that determined the impacts of equipment modifications or substitutions on integrated multi-system operations and various maintenance alignment procedures. Skilled in using algebraic and trigonometric functions to adapt standard formulas to the specific requirements of the integrated system. Competent in conducting prototype assembly, operations, and repairs; or, experienced in using experimental electronic systems such as, inertial navigation and automatic flight controls. Experiences included advising aerospace engineering personnel on the operation and maintenance effects of proposed time compliance technical order modifications on new or existing equipment. Competent to interact with aircrews for mission/sortie debrief and enhanced system troubleshooting. Skilled in troubleshooting operational malfunctions and analyzing system performance utilizing aircrew debrief data, technical orders, schematic and wiring diagrams, engineering drawings, data analysis, common and system-specific test equipment, and built-in system tests. Experienced in performing on and off-equipment maintenance on aircraft avionics such as, automatic flight control systems, instrument systems, communication and navigation systems, and inertial navigations systems. FWS Experiences included the coordination of back-shop bench checks; completed testing, repair, inspection, modification, programming, reprogramming, mating, adjusting, alignment, and analyzing of shop replaceable units. Skilled in the use of test equipment such as, automatic test equipment, oscilloscopes, frequency counters, phase-angle voltmeters, optical alignment equipment, digital pilot-static testers, programming units and special purpose test analyzers. May have experiences involved with the upload and download of chaff/flare dispensers. Knowledgeable of how to prepare for and participate in aerospace expeditionary force tasks, deployments, and various inspections and exercises. Experienced in handling accounts for due-in from maintenance supply assets. Skilled in storing, protecting and maintaining material and equipment. Experiences included the preparation and participation in various types of readiness evaluations such as, Operational Readiness Inspections Inspector General inspections, and Unit Effectiveness Inspections and mobility and command support exercises. May have a general knowledge in structural fire-fighting, aircraft fire, aircraft crash and rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment. Skilled in the compliance requirements concerning safety, fire, security, and housekeeping regulations. Experienced in the procedures involved with the proper storage, protection, and maintenance of all work-related material and equipment.

#### **CONDITIONS OF EMPLOYMENT & NOTES:**

- This position is subject to rotating or night shift work.

**MILITARY TECHNICIAN COMPATIBILITY:** Prior to placement in this position, the selected applicant must be assigned to an appropriate military position and must meet the definition of a dual status technician in accordance with 32 U S C 709(b) & CNGBI 303.

**REQUIRED DOCUMENTS:** Resume and RIP.

**Email your resume and any other required documents to [ng.az.azarnq.mbx.hro-aha@army.mil](mailto:ng.az.azarnq.mbx.hro-aha@army.mil).** For additional information or questions please call 602-629-4800.

**NOTE: This announcement will close upon the selection of an applicant which may occur at any time.**

**NOTE: Please identify the Accelerated Hiring Authority # on your resume and the subject line of the email when submitting your application. Failure to do so may result in non-consideration.**