

NATIONAL GUARD OF ARIZONA
HUMAN RESOURCE OFFICE
5636 East McDowell Road, Phoenix, AZ 85008-3495
PHONE (602) 267-2783; DSN 853-2783
WEBSITE: www.az.ngb.army.mil/hro
EXCEPTED
TECHNICIAN VACANCY ANNOUNCEMENT

ANNOUNCEMENT NUMBER: 04-291T

DATE: 07 OCT 2004

CLOSING DATE: 25 OCT 2004

POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:

ELECTRONIC INTEGRATED SYSTEM MECHANIC, WG-2610-12, TC80095001

APPOINTMENT FACTORS: OFFICER () WARRANT OFFICER () ENLISTED (X)

SALARY RANGE:

\$22.38 - \$26.11 PH

SUPERVISORY () MANAGERIAL ()

NON-SUPERVISORY/NON-MANAGERIAL (X)

LOCATION OF POSITION:

161st AIR REFUELING WING, PHOENIX, ARIZONA

AREA OF CONSIDERATION: This position is the Federal/Excepted Civil Service and is **open to current members of the Phoenix Air National Guard**. Individual selected will receive Permanent appointment subject to the completion of a one-year trial period. If a Permanent technician is selected, they will remain in that status. Acceptance of a Federal Excepted technician position of over 179 days in length will cause termination from the Selected Reserve Incentive Program (BONUS). Individual selected will be required to take a pre-employment medical screening which will be paid for by the Agency. **PCS funds are not authorized.**

NOTE: Individual selected must have or be able to get AFSC 2AX53B

NOTE: This position is subject to rotating or night shift work.

NOTE: If individual selected is not on the current Guidance & Control Shop military manning document, they will be placed in an E-1 through E-5 position and may not exceed E-5 at the time of military placement.

NATIONAL GUARD REQUIREMENTS: Excepted employees must wear the uniform prescribed by the Adjutant General. Acceptance of the position constitutes concurrence with this requirement. Once the selection is made, the candidate(s) must be a member of the Arizona (AIR) National Guard (161st ARW), qualify for and be placed in the following compatible AFSC/MOS/AOC: 2AX53B

Acceptance of this position requires participation in the Direct Deposit/Electronic Funds Transfer Program.

KNOWN PROMOTION POTENTIAL: NONE

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED FOR SUCCESSFUL PERFORMANCE IN THIS POSITION:

Each applicant should fully justify on their application how they meet each KSA listed below using AZNG Form 335-2-R to reference the justification.

1. Knowledge of electronic theory including solid state, digital, computer logic, microelectronics, microwave principles, digital and analog computer operation.
2. Ability to understand the operation and functioning of integrated avionics systems.
3. Ability to troubleshoot, fault isolate, and analyze avionics systems.
4. Knowledge of electrical and mechanical devices including electro/mechanical synchro and servo loops.
5. Skill in use of diagnostic and precision test equipment.
6. Ability to read and interpret electronic schematics and wiring diagrams, analyze performance and isolate malfunctions, inspect, remove, repair, and align electronic components using test equipment and mock-ups.

INSTRUCTIONS FOR APPLYING: Individuals who meet the basic qualification requirements (General and Specialized Experience) may apply. **Individuals applying for Excepted Technician positions may submit Optional Form 612 (Optional Application for Federal Employment) , or a Resume. OPTIONAL FORM 306 (DECLARATION FOR FEDERAL EMPLOYMENT) IS A REQUIRED FORM. FAILURE TO PROVIDE THIS FORM WILL CAUSE THE APPLICATION TO BE REJECTED.** Whatever form of application that is chosen it must contain the Announcement Number, Title and Grade(s) of the job being applied for. Personal information must include full name and address (including ZIP Code), Day and evening phone numbers (with area code), Social Security Number, Country of citizenship and Highest Federal civilian grade held (also include job series and dates held). Education information must include; High School Name, city and State and dates of diploma or GED, Colleges or Universities Name, city and State, Majors type and years of any degrees received, and total semester or quarter hours earned (if no degree show total credits earned and indicate whether semester or quarter hours). Work experience information should be limited to either paid or nonpaid experience directly related to the position that the individual is applying for and must include; Job Title, Duties and accomplishments, Employers name and address, Supervisors name and phone number, starting and ending dates, hours per week and salary. In addition to the above described information all applications should include AZNG Forms 335-1-R (Military Brief), 335-2-R (Knowledge, Skill and Ability Supplement), and 335-4-R (Applicant Research Questionnaire). Applications will be accepted without the AZNG Forms. However, applications may not receive an adequate evaluation if these forms are not submitted. Applications must arrive in the HRO Office by close of business on closing date shown on announcement. All applicants must be citizens (or owe allegiance to the U.S.). **USE OF GOVERNMENT RESOURCES (FAX, MAIL, ETC.) TO SEND APPLICATIONS IS PROHIBITED AND WILL NOT BE ACCEPTED BY THE HUMAN RESOURCES OFFICE. FAXED APPLICATIONS ARE NOT ACCEPTED.** For further information call 267-2783 or DSN 853-2783. **EQUAL OPPORTUNITY:** The Arizona National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, religion, age, national origin, sex, political affiliation, marital status, membership or nonmembership in an employee organization or any other non-merit factor.

MINIMUM QUALIFICATION REQUIREMENTS: Each applicant must fully substantiate on their application how they meet the requirements listed below in the Specialized Experience area; otherwise applicant will be considered unqualified for this position.

SPECIALIZED EXPERIENCE: Must have 18 months experience, education, or training which demonstrates a knowledge of electronics principles involved in a number of applications such as radar, data processing, and data display, as well as mechanical and hydraulic knowledge involved in operations of equipment such as control valves, gyros, turrets, and mounts and mechanical computing devices.

BRIEF JOB DESCRIPTION: This position is located at the 161st Air Refueling Wing within the Avionics Guidance and Control Section. Its purpose is to perform maintenance on one or more complete electronic integrated systems associated with the assigned aircraft and maintenance on automatic flight control systems, instrument systems, and inertial and radar navigation systems. Performs maintenance on one or more complete electronic integrated systems such as the Flight Management System (FMS), Fuel Savings Advisory System (FSAS), Self Contained Navigation System (SCNS), All Weather Landing System, and Malfunction Detection, Analysis, and Recording System (MADAR). Completes operational checks, inspections, tests, and trouble shooting of line replaceable units (LRUs) which are linked with the integrated systems and, also a number of LRUs which are independent or associated with nonintegrated systems. Isolates malfunctions using technical orders, schematics and wiring diagrams, tools, and test equipment including automatic test equipment. Solves unusual problems by analyzing installation, circuitry, and operating characteristics of the systems. Adjusts and aligns system sensors, transmitters, amplifiers, power supplies, display devices, controls, transducers, actuators, servos, computers and other related components. Installs serviceable components into aircraft and performs total systems alignment in accordance with technical orders and directives. Accomplishes modifications and technical order compliances of components and systems and accomplishes systems checkout for proper operation. Uses a variety of test equipment such as automatic test equipment (ATE), oscilloscopes, frequency counters, phase-angle voltmeters, optical alignment equipment, digital pitot-static testers, programming units and special purpose test analyzers. Recommends methods to improve equipment performance, technical data, and maintenance procedures by reporting hardware and software malfunctions, initiates material deficiency reports both on equipment and in technical data, and assists in design changes as necessary. Conducts on-the-job training on assigned systems. Prepares for and participates in various types of readiness evaluations.

SELECTING SUPERVISOR: SMS CHARLES PETERSON