

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: 04-346T OPENING DATE: 07 OCT 2004 CLOSING DATE: 09 NOV 2004

POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:

AIRCRAFT ELECTRICIAN, WG-2892-05/08/11, TC80437000, SSgt/E5

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

SALARY RANGE: WG-05: \$14.70 - \$17.15

SUPERVISORY () MANAGERIAL ()

WG-08: \$17.68 - \$20.63 WG-11: \$20.47 - \$23.88 PH

NON-SUPERVISORY/NON-MANAGERIAL (X)

LOCATION OF POSITION:

162ND FIGHTER WING, TUCSON, ARIZONA

AREA OF CONSIDERATION: This position is the Federal/Excepted Civil Service and is **open to current members of the 162nd Fighter Wing, Tucson, Arizona and those eligible for membership.** Individual selected will receive a 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: This announcement is concurrently announced with AGR Announcement 04-346A.

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

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 (162ND FWG), qualify for and be placed in the following compatible AFSC/MOS/AOC: 2A6X6

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 the integration of electronically controlled electrical and environmental systems with the avionics systems of the applicable aircraft.
2. Knowledge of the hydraulic, fuel, Jet Fuel Starter (JFS), egress an engine control systems and the ability to use precision test equipment to accomplish this.
3. Knowledge of electrical and electronic theory, principles, formulas, advanced mathematics, fluid mechanics and dynamics.
4. Skill to interpret complex drawings, specifications, and schematics of complete systems to recognize the function and interconnections of the various assemblies and troubleshoot the system from the schematic.
5. Ability to follow signal paths through a complex path of interconnections of components, assemblies, subassemblies and cable harnesses.
6. Knowledge of electronics, a variety of precision test equipment, self-test procedures and technical data containing schematic diagrams, test procedures and program information to identify and isolate malfunctions.
7. Ability to diagnose and determine needed repairs for malfunctions in electrically and electronically controlled systems.
8. Ability to communicate effectively both orally and in writing.

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 SUBMIT THIS FORM WILL CAUSE THE APPLICATION TO NOT BE CONSIDERED.** 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 WILL NOT BE 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 WG-05: 06 mos, WG-08: 12 mos and WG-11: 18 months experience that demonstrate the ability to analyze malfunctions, troubleshoot, remove, install, repair, modify, maintain, test, align, calibrate and certify components of the aircraft electrical, electronic and pneumatic systems.

BRIEF JOB DESCRIPTION: This position is located in the Electro Environmental Shop in the Component Repair Branch of the Aircraft Maintenance Squadron in the 162nd Fighter Wing. This position functions to analyze malfunctions, troubleshoot, remove, install, repair, modify, maintain, test, align, calibrate and certify the components of the aircraft electrical system, the electronically and pneumatically controlled environmental systems and associated test equipment, and to certify these systems are air worthy, by intensive inspections of the Electrical/Electronic and Environmental System and peripherals. Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/antiskid system, maintenance annunciation panel (MAP) system of the integrated main generator, standby generator, emergency generator, flight control tower, AC/DC power distribution and sub-systems integrated in the electronic/electrical and environmental systems. Interprets analog and digital operational and output characteristics and results from the Maintenance Annunciation Plan (M.A.P.), onboard computers, aircrew debriefings and specialized test equipment. Removes, repairs, calibrates, installs, aligns, inspects and conducts operational performance checkouts on the components of the electronic/electrical and environmental systems. Analyzes malfunctions using schematics, logic and wiring diagrams, computer data, and factory drawings. Diagnoses circuit operating characteristics using on-board computer, special test equipment and laptop computers to isolate problems to the failing component. Removes and replaces components or assemblies down to the lowest level authorized by depot. Performs recurring inspections and system tests of the life support and the electronic/electrical and environmental system to certify aircraft are ready for flight. Modifies and updates electrical and environmental support equipment according to applicable technical publications. Maintains and operates various types of test equipment such as oscilloscopes, diagnostic computers, digital and analog multi-meters, constant speed drive test stands, voltmeters, ammeters, etc.

SELECTING SUPERVISOR: SMSgt DONALD DIGUARDI