

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: 04-333T DATE: 29 SEP 2004 CLOSING DATE: 22 OCT 2004

POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:
AIRCRAFT ELECTRICIAN, WG-2892-5/8/10, TC02107000

APPOINTMENT FACTORS: OFFICER () WARRANT OFFICER () ENLISTED (X)
SALARY RANGE: WG-05: \$13.18 - \$15.38 SUPERVISORY () MANAGERIAL ()
WG-08: \$17.49 - \$20.40 WG-10: \$20.35 - \$23.75 NON-SUPERVISORY/NON-MANAGERIAL (X)

LOCATION OF POSITION:
WESTERN ARMY AVIATION TRAINING SITE (WAATS), MARANA, ARIZONA

AREA OF CONSIDERATION: This position is in the Federal/Excepted Service **and is open to current members of the Arizona Army National Guard and those eligible for membership.** Individual 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. Individual selected will be required to take a pre-employment medical screening which will be paid for by the Agency. **PCS Funds are not available.**

NOTE: Applicants who were determined qualified under Announcement #04-218T will have their applications forwarded and need not reapply.

NOTE: Must possess or have the ability to possess Secret security clearance.

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 (Army) National Guard (WAATS), qualify for and be placed in the following compatible AFSC/MOS/AOC: CMF 15

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 and skills to troubleshoot, repair, inspect, adjust, and modify aircraft and aircraft electrical systems.
2. Ability to use complex test equipment.
3. Ability to read, interpret and use blueprints, wiring, and schematic diagrams, and technical publications.
4. Skill in diagnosing and isolating faulty electrical components.
5. Knowledge of maintenance forms and records.
6. Knowledge of aircraft NICAD batteries, test equipment and maintenance procedures for such.
7. Skill in repairing cable assemblies, connectors, and soldering and terminating wires.
8. Knowledge of interface of electrical systems with hydraulic, electronic armament, instrument and mechanical systems and assemblies.

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.). Applications submitted in postage paid federal envelopes or by government fax machines is a violation of federal law and will not be accepted. For further information call 267-2783 or DSN 853-2783. FAXED APPLICATIONS WILL NOT BE ACCEPTED.**

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: WG-10: Must have 18 months experience in inspecting, aligning, repairing, and overhauling aircraft electrical and instrument systems; experience in troubleshooting and determining a remedy when complex relationships exist among different electrical circuits, requiring complete knowledge of all electrical systems, with possibility of serious damage to equipment if incorrectly handled; experience which demonstrates experience in performing diversified work with hand tools, soldering stations and test equipment; experience in following complex circuit diagrams and aircraft schematics for complicated electrical equipment such as automatic flight controls, armament and power distribution systems; experience which provides ability to apply knowledge of electronic theory to complex problems involving radar, navigational computers and radio flight control. **WG-08:** Must have 12 months experience in installing, maintaining and repairing aircraft electrical and instrument systems; experience which demonstrates ability to diagnose and determine remedy where knowledge of specific components is necessary to locate malfunctions; experience in the use of common handtools and measuring equipment such as multimeters, oscilloscopes, and electrical equipment test stands; experience in following circuit diagrams and schematics; experience in correcting deficiencies through testing, adjusting, repairing or replacing electrical system components. **WG-05:** Must have 6 months experience which demonstrates ability to recognize simple malfunctions; experience in the use of common handtools such as wire strippers, crimping tools and heat guns to perform simple tasks; experience in following written instructions and commonly used circuit diagrams; experience which demonstrates the ability to perform aircraft maintenance tasks under supervision.

BRIEF JOB DESCRIPTION: The purpose of this position is to perform Aviation Unit Maintenance (AVUM) and limited Aviation Intermediate Maintenance (AVIM) on aircraft electrical and instrument systems for rotary wing aircraft. Functionally tests, troubleshoots, inspects, adjusts, aligns, calibrates and repairs the entire range of aircraft electrical and instrument systems to insure maximum operating efficiency. Repairs complex systems such as, master caution/warning, fault detection and location, automatic flight controls, electronic armament, indicating instruments, hydraulic and mechanical systems and assemblies. Fabricates, repairs and replaces wiring harness, cannon plugs and connectors, electric motors and modifications as directed by higher authority. Selects, operates, maintains and repairs specialized test equipment, measuring equipment and common shop equipment such as multimeters, oscilloscopes, signal generators, power supplies, break-out boxes, etc. Selects, studies, utilizes and updates technical manuals, TWXs, newsletters, MWOs and files in support of functional area of responsibility. Performs such travel as may be required in the accomplishment of assigned duties. Performs on-the-job training as required. May be required to assist on test flights for troubleshooting purposes. May assist authorized firefighters in the performance of fire/crash/rescue duties. May assist in other functions within the component repair shop in the accomplishment of mission requirements.

SELECTING SUPERVISOR: MAJ PETER PICARD