

NATIONWIDE  
NATIONAL GUARD OF ARIZONA  
HUMAN RESOURCE OFFICE  
5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495  
PHONE (602) 629-4800; DSN 853-4800  
WEBSITE: <http://dema.az.gov/>

TITLE 32 EXCEPTED  
TECHNICIAN VACANCY ANNOUNCEMENT

**NATIONAL GUARD MEMBERSHIP IS REQUIRED:** This is an excepted service position that requires membership in a compatible military assignment in the National Guard. Selectee will be **required to wear the military uniform.**

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**ANNOUNCEMENT NUMBER: 20-009TF      OPENING DATE: 22-Nov-19      CLOSING DATE: Until Filled**

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**POSITION TITLE, SERIES, GRADE, AND POSITION NUMBER:**

Aircraft Engine Mechanic, WG-8602-5/8/10, D1635000, E-1/AB - E-6/TSgt, MPCN:TBD

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**APPOINTMENT FACTORS: OFFICER       WARRANT OFFICER       ENLISTED**

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**KNOWN PROMOTION POTENTIAL: NONE**

**SALARY RANGE:**

\$18.90-\$29.76 PH

**SUPERVISORY       MANAGERIAL**

**NON-SUPERVISORY/NON-MANAGERIAL**

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**LOCATION OF POSITION:**

162d Wing, Tucson, AZ

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**APPLICATIONS MUST BE MAILED OR HAND CARRIED TO: Human Resources Office, 5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495. Applications must be received by close of business (1530 MST) on the closing date shown above or if mailed postmarked no later than the closing date.** The Human Resources Office will not accept applications that are mailed at government expense, exceptions to hard-copy delivery may be considered on case-by-case basis. Please contact 602-629-4826/4834 for consideration. Faxed applications will not be accepted.

**AREA OF CONSIDERATION:**

This position is in the Federal/Excepted Civil Service and is **open to current members and those eligible for membership in the Arizona Air National Guard.** Individual selected will receive an **Indefinite Appointment** and may be converted to permanent based on availability of funds or position no longer being encumbered. 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 require a military medical records screening if applicable, to be completed prior to appointment, and/or may be required to take a pre-employment medical screening examination dependent on the position type and military medical records screening results.

**INSTRUCTIONS FOR APPLYING:** Individuals applying for vacancies with the Arizona National Guard may submit Optional Form 612 (Optional Application for Federal Employment), or a Resume. Application documents 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). 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.

Applicants **MUST** submit a completed **AZNG Form 335-2-R (Knowledge, Skill and Ability Supplement)** or a separate document explaining how they meet each Knowledge, Skill and Ability listed below and a **Resume or the Optional Form 612.**

**EVALUATION PROCESS:** Each applicant must **FULLY SUBSTANTIATE** on their application how they meet the requirements listed in the specialized experience area; otherwise applicant will be considered unqualified for this position. Applications will be evaluated solely on information supplied in the application (OF 612) or resume. Experience will be evaluated based on relevance to the position for which application is being made. Include job titles, starting and ending

dates (month and year), hours per week, salary, duties/accomplishments, employer(s) name and address, and supervisor(s) name/phone number and permission to contact.

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**CONDITION OF EMPLOYMENT: Prior to appointment into this position, selectee must be a current member of the Arizona Air National Guard, in a military position assigned to (162nd WG) and be able to qualify for the following AFSC: 2A6X1**

- Federal employment suitability as determined by a background investigator.
- May be required to successfully complete a probationary period.
- Participation in the Direct Deposit/Electronic Funds Transfer Program.
- Military Uniform must be worn.
- Applicants must maintain membership and employment in the National Guard in the military grade listed in this announcement.

**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.

**Relocation Incentive may be offered:** YES  NO   
**PCS may be offered:** YES  NO

**NOTES:**

- This position is subject to rotating or night shift work in support of a 24/7 Operation.
- Current 162 WG Maintenance Group members who hold the 2A6X1 career field will be placed in a military position commensurate with current rank. All other applicants outside of career field who apply at a higher grade than advertised will be demoted.
- Must possess or be able to obtain a secret security clearance.
- Provide all substantiating documentation to verify rank/AFSC/other requirements.
- Applications missing required forms, personnel report, Military RIPS, dates and signatures will not be considered.
- Unless otherwise amended this announcement will close on 18 December 2020.
- Applications will be pulled/reviewed every 30 days for consideration for hire until 18 December 2020.

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**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 in installing, removing, operating, and repairing a variety of conventional and modified aircraft engines and engine accessories systems on and off the aircraft.
2. Knowledge and understanding of jet engine theory and the integration of the jet engine with all aircraft systems to troubleshoot malfunctions and accomplish repairs.
3. Knowledge and skill in operating a variety of test equipment, such as vibration analyzers, air data simulators, engine monitoring computer, data transfer equipment, ignition testers, high pressure hydraulic test equipment, voltmeters and other precision measurement equipment to troubleshoot, maintain, and repair aircraft engines on and off the aircraft.
4. Skill and ability to interpret technical orders, manufacturer's catalogs, blueprints and schematic drawings, to obtain the technical information required to troubleshoot, overhaul, repair, modify, assemble and operate engines.
5. Knowledge and understanding of mathematics used to determine tolerances and performance specifications involved in engine build-up and engine operation.
6. Ability to communicate effectively both orally and in writing.

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**SPECIALIZED EXPERIENCE:**

WG-05: Must you have at least 6 months of experience using common hand tools in making repetitive mechanical repairs under close supervision. Experience which demonstrates the ability to perform the simpler and routine duties of the trade.

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WG-08: Must have at least 12 months of experience or training removing and installing components and accessories with detailed guidance. Experience in following detailed instructions in making minor repairs and modifications to aircraft engines, subassemblies and components.

WG-10: Must have at least 18 months experience or training performing standard, routine assembly and disassembly operations and making prescribed modifications to aircraft engines, engine assemblies, and accessories; experience or training performing maintenance overhaul, troubleshooting, testing, and repair of aircraft engines, engine components, and power trains for fixed and/or rotary wing aircraft; experience determining maintenance needed from work orders, inspection reports, historical record, and by own diagnosis.

**BRIEF JOB DESCRIPTION:** This position is located in an 162nd Wing Air National Guard Aviation Wing, Maintenance Group, Maintenance Squadron, Propulsion Element, (Jet Engine Intermediate Maintenance, (JEIM) and the Hush House). The primary purpose of this position is to certify acceptable performance, test, repair, trouble-shoot, operationally check and modify aircraft turbine and auxiliary power units, and associated propulsion system components. Troubleshoots malfunctioning engines and interrelated propulsion system components, determines degree of disassembly or certification required, repairs or replaces defective components, diagnostic computers and associated hardware. Analyzes malfunctions using schematic and wiring diagrams, blueprints, manufacturer's specifications, computer diagnostics data, inspection findings, trending data and aircrew debriefs. Performs engine run operation on installed and uninstalled engines to troubleshoot malfunctions or verify findings. Removes and installs engines and auxiliary power units. Operates, Automated Ground Test Systems (AGETS), trouble-shoots and repairs aircraft jet engines. Troubleshoots, modifies, repairs, and performs sequential disassembly and assembly of gearboxes and auxiliary power units. Performs evaluations that must be accomplished at critical points in the repair/build-up process using a variety of quality characteristics, consisting of complete systems or components and assemblies that undergo many steps in a repair process and have highly critical tolerances. Verifies compatibility of engine components. Uses computer-based systems to account for time expenditures of maintenance performed. Provides technical advice and troubleshooting expertise to other work centers when propulsion systems affect or are affected by interrelated aircraft systems, such as: electro-environmental, pneudraulic, fuel and avionics systems. Provides on-the-job training to lower graded personnel or newly assigned personnel regardless of grade. Trains lower graded employees on proper certification techniques of installed engine components. Prepares for and participates in various types of readiness evaluations such as Operational Readiness Inspections (ORI), Inspector General (IG) Inspections, Unit Effectiveness Inspections and mobility and command support exercises.

**SELECTING OFFICIAL:** MSgt Waylon Erb

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