

DEPARTMENT OF
DEFENSE, VETERANS AND EMERGENCY MANAGEMENT
Military Bureau
Joint Force Headquarters, Maine National Guard
Camp Keyes, Augusta, Maine 04333-0033

28 April 2014

TECHNICIAN POSITION VACANCY ANNOUNCEMENT #14-053

POSITION: Aircraft Engine Mechanic (D1068000) (WG-8602-10) EXCEPTED POSITION

LOCATION: Deputy Chief of Staff, Aviation (DCSAV), AASF, Bangor, Maine

SALARY RANGE: \$44,850 to \$52363 per annum

CLOSING DATE: 12 May 2014

AREA OF CONSIDERATION:

AREA I: All permanent and indefinite Enlisted (**E7 and Below**) Maine Army National Guard Technicians.

AREA II: All Enlisted (**E7 and Below**) members of the Maine Army National Guard.

PERMANENT CHANGE OF STATION (PCS): PCS expenses may not be authorized for this position. Authorization for payment of PCS expenses will be granted only after a determination is made that payment is in the best interest of the Maine National Guard.

DUTIES: See attached duties and responsibilities.

MINIMUM QUALIFICATION REQUIREMENTS: Each applicant must show how they meet the General and Specialized Experience listed below; otherwise, the applicant may lose consideration for this job.

GENERAL EXPERIENCE: Experience, education, or training which demonstrates the applicant's knowledge of aircraft engine parts and components and an understanding of general mechanical systems; knowledge of and skill in the use of the proper type and size of tools to perform assigned work.

SPECIALIZED EXPERIENCE: Must have eighteen (18) months experience for WG-10 which required the applicant to acquire and apply each of the following knowledge, skills, and/or abilities:

1. Skill in the use and interpretation of schematic diagrams and other technical publications.
2. Knowledge of engine test equipment, and instruments.
3. Ability to check aircraft engine components for cracks, dents, security of attachments, servicing, leakage, foreign matter, clearances, deformation, and proper safeties.
4. Ability to interpret inspection findings and determine the degree of corrective action.

5. Ability to detect wear patterns of aircraft engines components.
6. Skill in disassemble, repair, rework, modify, and assemble aircraft engines and components in accordance with prescribed procedures in TMs and other directives.
7. Skill in conducting tests of repaired components.

OTHER REQUIREMENT: If offered this position, individuals shall complete a pre-placement medical examination as dictated by job hazard. Employees in health hazardous areas are required to participate in the MEARNG Medical Surveillance Program. If the position requires an immediate fill, individuals selected shall complete a baseline medical exam as soon as possible or within 30 days or will be terminated from that position.

COMPATIBILITY CRITERIA: CMF: 15 MOS: 94E, 94R

SELECTED RESERVE INCENTIVE PROGRAM (SRIP): Non-Technician Maine National Guard personnel who are SRIP participants (bonus recipients/student loan repayment program) may have their benefits terminated and/or recouped if selected as a permanent military Technician. Applicants should contact the MEARNG Incentive Manager at 626-4278 to determine any possible termination and/or recoupment actions that may result from accepting this position.

HOW TO APPLY: Detailed instructions are contained in an Instruction Guide titled “Technician Vacancy Announcement Guide” which should be posted with this vacancy announcement. Applicants may apply using the OF Form 612 Optional Application for Federal Employment, a resume, or any other format they choose. In addition to their basic application, applicants are strongly encouraged to complete ME Form 171, Military Experience and Training Supplement. Applications forwarded to HRO should be no more than eight (8) pages although additional pages may be submitted as necessary. Applications should include written or documented proof of education, training, and work experience deemed necessary to adequately respond to general and specialized experience factors listed in the TPVA. Professional licenses or education transcripts necessary to validate qualifications should be submitted as required in the TPVA. Do not include photo copies of awards (a military ribbon rack or civilian certificate), letters of commendation, enlisted or officer performance reports, Technician performance appraisals, and personal photos unless specifically requested in the “TPVA”. Applications must be forwarded to: Joint Force Headquarters, ATTN: HRO, Camp Keyes, Augusta, Maine 04333-0033, NOT LATER THAN the closing date. Applications received AFTER the closing date WILL NOT BE CONSIDERED. The use of government envelopes, postage or facsimile machines to submit applications is prohibited. We are allowed to receive facsimiles sent from non-government facsimile machines. The inter-office distribution system may be used. You may also e-mail it to: ng.me.mearng.list.hro-applications@mail.mil

APPOINTMENT: Selectee will be required to participate in Direct Deposit/Electronic Funds Transfer as a condition of employment. The Adjutant General retains exclusive appointment authority for Technicians. No commitment will be made to any nominee prior to a review of qualifications by this office. The Maine National Guard is an Equal Opportunity Employer. All appointments and promotions will be made without regard to race, color, creed, sex, age or national origin.

DISSEMINATION: Supervisors, please post to bulletin boards and notify personnel who may be interested. Qualified personnel who may be absent during this announcement period due to TDY, school, illness, etc., should be notified.

WORK: DSN 626-6017/COM (207) 430-6017 FAX: DSN 626-4246/COM (207) 626-4246

FOR THE HUMAN RESOURCES OFFICER:

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CRAIG P. BAILEY
MSG, MEARNG
Human Resources Specialist
(Recruitment & Placement/Compensation)

D1068000

a. INTRODUCTION:

This position is located in an Army Aviation Support Facility (AASF), Logistics function or Aviation Classification and Repair Activity Depot (AVCRAD). The purpose of this position is to maintain, troubleshoot, repair, modify and test aircraft engines.

This position requires military membership. It is designated for an ARNG Enlisted incumbent only. In accordance with DA Pamphlet 611-21, the incumbent performs duties necessary to accomplish Aircraft Engine Mechanic functions in support of programs essential to state ARNG daily operations, training, and readiness missions.

b. DUTIES AND RESPONSIBILITIES:

-- Troubleshoots and diagnoses malfunctioning engines utilizing all available test equipment to determine degree of disassembly, repair, modification and adjustment needed. Removes and disassembles aircraft engines in order to perform necessary maintenance. Inspects engine components using visual, magnetic, fluorescent, dye-penetrant, and digital inspection equipment such as video borescope and ultra sonic listening devices. Analyzes inspection findings to determine extent of repairs required. With the aid of diagrams, schematics and technical publications, makes necessary repairs and modifications. Assembles and installs engines adhering to prescribed procedures, safety practices and technical requirements.

-- Performs periodic and special inspections on engines. Inspects installed, repaired and modified engines and components to insure compliance with technical publications. Evaluates inspection findings to determine adequacy of repairs, modification, or corrective actions. Conducts tests of repaired components using bench mock-ups and related test equipment. Installs special test equipment on the aircraft engine and perform pre-operational and post-operational checks. Evaluates engine performance by computing fuel consumption, monitoring RPM, analyzing exhaust gas temperatures and monitoring engine vibrations.

-- Performs engine trim in accordance with applicable directives. Adjusts, aligns and calibrates engine and components to insure maximum operating efficiency and consistency with design characteristics. Employs a variety of test equipment and instruments such as engine pressure-ratio-indicator, exhaust-gas temperature test equipment, fuel flow meter, air pressure indicator, Aircraft Vibration Analyzer (AVA), and flight line digital test equipment. Evaluates engine performance and accepts or rejects engine repair.

-- Must have knowledge of applicable technical manuals and other publications pertaining to aircraft engines such as Electronic Technical Manuals (ETM) and ULLS-A computer files. Maintains a library of pertinent regulations as required. Evaluates justification documentation for unsatisfactory item reports and practicality of proposed modification requests. Records and maintains test data on appropriate log sheets. Assists in identifying stock numbers for required repair parts or in the requisitioning of bench stock materials, parts and equipment as required.

-- When on National Guard Bureau (NGB) Flying Status orders, may participate in aerial flights, which are defined by applicable Army publications for Maintenance Test Flights. Serves as a member of the flight crew for the purpose of observing, recording, and diagnosing malfunctions with digital test equipment, or otherwise assisting in determining the performance of aircraft engine components.

-- Acquires and maintains currency and proficiency on test equipment and procedures in support of modernized aircraft.

- Performs proficiency training, as required, and evaluates training effectiveness.
- Performs required travel to accomplish assigned duties and the organizational mission.
- Assists authorized firefighters in the performance of fire/crash rescue duties as needed.
- Assists with maintenance work within the Logistics function to accomplish mission requirements.
- Performs other duties as assigned.