

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

06 October 2015

TECHNICIAN POSITION VACANCY ANNOUNCEMENT # 15-115

POSITION: Sheet Metal Mechanic (D1371000) (WG-3806-10) EXCEPTED POSITION

LOCATION: 101st Air Refueling Wing, Bangor, Maine

SALARY RANGE:

\$45,768 to \$53,448 per annum **WG-10**

CLOSING DATE: 21 October 2015

AREA OF CONSIDERATION:

AREA I: All permanent and indefinite Excepted Technicians in the Maine Air National Guard and personnel with reemployment rights to the MEANG positions.

AREA II: All members of the Maine Air 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 that 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 candidate's ability to develop patterns, layout, cut, form, join, assemble and install sheet metal parts and systems. Skill in the use of shop tools and equipment.

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

WG-10

1. Ability to perform all types of structural repair operations working from blueprints, T.O.s, diagrams, and work orders using machinery which includes, but is not limited to, hand tools, shears, brakes, rolls, dimpling, stretching and shrinking machines, drill presses, grinders, sanders, routers, and tubing benders.
2. Ability to inspect aircraft for cracks, worn components, alignment problems, types and severity of corrosion, while determining the nature and extent of repairs to be made using applicable T.O.s.
3. Ability to make all repairs associated with Aircraft Structural Maintenance, to include structural damage in pressurized and non-pressurized areas, remove and treat corrosion, prep and paint aircraft and its' components, bend tubing, accomplish fiberglass repairs, balance flight controls, and manufacture cables.
4. Skill in making layouts, patterns and templates using recognized trade methods and practices.
5. Ability to independently develop plans and make decisions.

SUBSTITUTION OF EDUCATION FOR SPECIALIZED EXPERIENCE: None

COMPATIBILITY CRITERIA: 2A7X3 **NOTE:** Personnel who do not possess these AFSC's must be prepared to attend the appropriate school.

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, read at unit formations and notify personnel who may be interested. Qualified personnel who may be absent during this announcement period due to ADT, AT, TDY, school, illness, etc., should be notified.

WORK: DSN 626-6013 / COM (207) 430-6013 FAX: DSN 626-4246 / COM (207) 626-4246

FOR THE HUMAN RESOURCES OFFICER:

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LISA M. SESSIONS
MAJ, AG
Human Resources Specialist
(Recruitment & Placement/Compensation)

D1371000

a. INTRODUCTION:

This position is located within a National Guard aircraft maintenance organization. Its primary purpose is to accomplish the inspection, repair, modification, installation and troubleshooting of sheet metal, fiberglass, bonded honeycomb and other structural materials and components as well as treatment (i.e., mechanical and chemical), and painting of missiles, aircraft powered and non-powered Aerospace Ground Equipment (AGE), and monitoring aircraft and equipment washing.

b. DUTIES:

(1) Independently inspects aircraft and determines the nature and extent of repairs to be made, using applicable technical orders as guidelines. Works directly on the aircraft and its components, fulfilling such tasks as removal, repair, modification and installation of parts and assemblies, such as frames, stringers, longerons, bulkheads, beams, ribs, spars, skin, cowling, brackets, faring, access doors, panels and other related items. May be required to clear red "X" conditions.

(2) Repairs cracks in aircraft skin. Fabricates and fits patches to damaged areas, determining repair detail necessary to retain or restore original strength. Fits and trims components to aircraft such as landing gear doors,

control surfaces, flaps access doors and other assemblies. Seals structures to make them pressure, water and weather tight.

(3) Troubleshoots aircraft structural repair situations in such areas as fuselage, tails, wings, cowlings, and stabilizers. Removes, forms, fits, and installs highly stressed and double contoured skins, using hand or powered drilling and cutting tools and other metal working equipment. Determines shear and bearing load factors during rivet replacement. Installs heads up, regular, heat treated, high shear, and blind type aircraft rivets and fasteners, using pneumatic riveters, special tools and bucking bars. Removes damaged or broken fasteners and receptacles.

(4) Aligns and balances component structures and airframe using precision measuring instruments and levels. Performs metal-to-metal bonding where delamination of surfaces and core material occurs in control surfaces.

(5) Inspects damage or deterioration and determines repair or replacement of plastic, fiberglass, composites, bonded structures, and bonded honeycomb assemblies using powered and non-powered tools and equipment. Repairs or replaces retaining frames and installs plastic laminated blanks. Designs and constructs forming fixtures.

(6) Manufactures and ensures that metal tubing, conduits and cables are fabricated and tested in accordance with drawings and specifications. Fabricates and repairs flexible control cables.

(7) Performs fabrication of local manufactured items required for aircraft and equipment. Work includes layout, bending, cutting, forming and assembling. Devise and calculates patterns employing the principles of triangulation, radial and parallel line development.

(8) Sets up and operates power shears, brakes, rolls, dimpling machines, drill presses, saws, portable powered tools, specific detection and measuring equipment, and other metal working equipment, including use of other tools of the trade. Requisitions necessary supplies and equipment for the activity.

(9) Prepares and designs layout, dies, jigs, and templates necessary to carry out fabrication repair or modification of aircraft, engine, AGE, and other equipment. Works from blueprints, technical orders diagrams, and work orders.

(10) Identifies metal corrosion. Performs necessary testing to identify type corrosion present by examination with magnifying equipment, chemical and mechanical methods and treats aircraft engines, in accordance with applicable technical publications. Ensures that work assignments received from supervisor or maintenance control are accomplished in a timely manner.

(11) Removes corrosion by mechanical and chemical procedures to include use of portable powered (electric and pneumatic) sanders, buffers, brushes, bead blasters, vacuum cleaners, scrapers, grinders, acids, caustics, solvents, alcohols and other agents used in corrosion control processes. Treats metal with chemical procedures, such as acids and caustics for passivation and etching, to protect metal from oxidation. Performs such functions as pickling of metals to prepare for good bonding with primer coat of protective materials.

(12) Applies protective coatings, markings, and decals after proper removal of corrosion and treatment of metals. Uses conventional paint spray equipment, electrostatic spray equipment, brushes and special applicators when applying primers and surface coatings.

(13) Identifies, blends, stores, controls, and disposes of hazardous materials such as acids, caustics, alcohols, solvents, cleaners, primers and surface coatings used for corrosion removal, treatment and protection in accordance with applicable directives.

(14) May operate the wash rack. Accomplishes corrosion and washing inspections within schedule provided to ensure compliance with the monthly and weekly maintenance plan. May conduct training on proper methods and procedures of wash rack operations.

(15) May assist in training of drill status guard members and in maintenance of publication files of applicable technical orders, regulations, manuals and local directives.

(16) Prepares for and participates in various types of readiness evaluations such as MEI, ORI, IG and UE inspections mobility and command support exercises. May be required to perform such additional duties as structural fire fighting, aircraft fire/crash/rescue/duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, or serve a member of a team to cope with natural disasters or civil emergencies.

(17) Performs other duties as assigned.