



District of Columbia Air National Guard

AGR Announcement

24-101



APPLICATION MUST BE FORWARDED TO: IN ORDER TO RECEIVE CONSIDERATION <u>113WG.DCANG.APPLICATIONS@US.AF.MIL</u>	OPENING DATE: 8 Jan 2024	CLOSING DATE: 8 Feb 2024
	Position Title: Jet Engine Mechanic Max Grade: MSgt (E7) Min Grade: SSgt (E5) AFSC: 2A6X1 Tour: Permanent	
	Appointment Status <input checked="" type="checkbox"/> Enlisted <input type="checkbox"/> Officer	
	Position Location: 113 th Maintenance Squadron Joint Base Andrews MD	
AREA OF CONSIDERATION: GROUP III All members eligible for entry into the DCANG.		
INSTRUCTIONS FOR APPLYING: This office will NOT accept mailed applications. You must send applications electronically. Failure to submit all required documents as outlined below will result in your application not being considered for employment. AGR REQUIRED DOCUMENTS: 1.) NGB 34-1 (<i>dated Nov 2013</i>) Application for AGR Position. https://www.ngbpmc.ng.mil/Forms/NGB-Form/ 2.) Copies of last three EPRs 3.) Resume (<i>any format</i>) 4.) 3 References on a separate sheet of paper with email address and additional point of contact number(s). 5.) Report of Individual Personnel (RIP) from vMPF only (<i>must be dated within 60 days</i>). 6.) Current Fitness Test Report (<i>Per AFI 36-2905 – current within 12 months</i>). 7.) Letter(s) of recommendation (<i>optional</i>) *All documents must be consolidated into a single pdf file. DO NOT put in PDF Portfolio format. Save applications in the following format: MVA number, Rank, Last name, First name, Middle Initial. Ex: 20-300 – SSGT DOE, JOHN A Email subject will be in the same format.		
Conditions of Employment: Electronic Funds Transfer: Selectee is required to participate in electronic funds transfer/direct deposit. If applying for an MVA at a lower rank, a voluntary demotion memorandum stating action must be submitted.		
Evaluation Process: Applicants will be evaluated solely on information supplied in application documents outlined above. Interview responses will also be considered when applicable. Incomplete applications will not be considered. It is the responsibility of the applicant to contact the POC identified on this vacancy announcement prior to the vacancy closing date to verify all documents have been received. Failure to do so may result in in disqualification. Complete and accurate data is essential to ensure fair evaluation of candidates.		
Equal Employment Opportunity: All qualified applicants will receive consideration for this announcement without regard to race, color, gender, religion, national origin, or membership/non-membership in an employee organization. Reference: NGR AR 690-600 / NGR AF 40-1614. http://www.ngbpdc.ngb.army.mil/pubs/40/ngraf40_1614v2.pdf and ANGI 36-7 http://www.ngbpdc.ngb.army.mil/publications.htm		



The District of Columbia Air National Guard



DC is an Equal Opportunity Affirmative Action Employer

This announcement must be posted on unit bulletin boards until the day following the closing date.

Announcement Number: 24-101

Position: Jet Engine Mechanic

Position Description:

This position is located in an Air National Guard Aviation Wing, Maintenance Group, Maintenance Squadron, Propulsion Element, (Jet Engine Intermediated Maintenance (JEIM) and the Hush House). The primary purpose of this position is to maintain, troubleshoot, remove, repair, install, certify, test and perform operational checks on the turboprop engines, propellers, and associated propulsion system components. Removes, installs, certifies, repairs, modifies, overhauls, and installs turboprop engines, reduction gear boxes, turbine modules, compressor modules, auxiliary power units, propellers and related propeller components as required. Performs maintenance on all propulsion systems including troubleshooting and diagnosing defects, certifying, conducting bench checks, performing in-shop and on-equipment repairs and overhauls. Diagnoses malfunctions using computerized test equipment, schematic diagrams, technical publications and performs the appropriate repair according to the test results and analysis. Determines the extent of disassembly necessary to repair, overhaul, replace and certify all engine, propeller and auxiliary power unit parts. Cleans and inspects engine and propeller component parts such as turbines, gearboxes, blades, gears, bearings, etc. Assembles engines, propellers and auxiliary power units, adhering to prescribed procedures, torque values, safety methods and clearances. Troubleshoots propellers using electric and hydraulic test stands to check for proper operation and evidence of oil leakage. Operationally checks engines and propeller assemblies and auxiliary power units, by using the engine test cell facility to meet all full power run checks on the engine and propeller assemblies and auxiliary power units. Modifies engines, propellers, auxiliary power units, and components in accordance with Time Compliance Technical Orders (TCTO) directives; removes and installs engine quick change kits; prepares engines for installation and installs engine and propeller assemblies on aircraft. Evaluates technical problems of repair, overhaul, modification and installation of aircraft propulsion systems. Solves all types of maintenance problems and performs bench checks and test engine and propeller assemblies for serviceability. Performs operational checks of installed propellers, engines, auxiliary power units and sub-systems during aircraft maintenance ground runs in accordance with approved checklists. Employs test equipment such as computer borescope, fuel pressure gauges, air pressure gauges, and alignment fixtures. Utilizes special tools and precision measuring equipment, high-pressure hydraulic test equipment, and electronic test equipment. Performs isochronal and special evaluations on engines, propellers and auxiliary power units. Interprets certification findings and determines adequacy of corrective action. Certifies installed and repaired engines for compliance with technical publications. Performs fixed and mobile test stand functions (which may include maintenance of engine test cell facility); installs special test equipment; performs pre-operational and post operational checks. Operates engines and propellers and records test data. Operates, certifies, and maintains computerized engine test/trim automated systems (ETTAS) on the engine test cell. Evaluates, identifies and corrects problems on propeller and engine components causing vibration or impending failure using the ETTAS system, and vibration analyzer. Evaluates engine and propeller performance by computing engine torque and specific fuel consumption. Monitors engine RPM and turbine inlet temperatures. Evaluates engine and propeller performance and accepts or rejects the individual components. Removes engine and propeller from test stand and prepares units for aircraft installation or storage. Accomplishes operator maintenance on the aircraft and engine sound suppresser facility, test stands and various pieces of ground equipment, including the auxiliary power unit test cell. Performs dynamic propeller balancing and tests the propeller integrated synchophasing. Tests variable potentiometers, servo-motors, indicators and aircraft wiring. Performs aircraft full power runs and complete engine and propeller efficiency checks. Clears Red X symbol documentation on engine and propeller related components. Prepares man-hour data collection and required forms for input into the Core Automated Maintenance System (CAMS) or the G081 (AFI 22-2101, CAMS for Mobility). Reviews and assists in maintaining Technical Orders (TOs) and other technical publications and directives pertinent to the element. Maintains bench stock, parts, and equipment. Assists the material control function in identifying part numbers and stock numbers for processing and controlling of repair cycle assets. Provides on-the-job training for assigned personnel. Plans and conducts formal classes of instruction in techniques of repair and maintenance of aircraft engine, propeller, auxiliary power unit, and related equipment and in the use of diagrams, blueprints, wiring schematics and technical publications. Evaluates effectiveness of training by observation and through written and oral examinations. Advises

supervisor of the experience and skill levels of assigned personnel. Maintains training documentation. Prepares for and participates in various types of readiness evaluations such as Operational Readiness Inspections, Inspector General and Unit Evaluation Inspections, mobility, and command support readiness inspections, mobility, and command support exercises. Perform such additional duties as structural fire fighting, aircraft fire/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, and/or serves as a member of a team to cope with natural disasters or civil emergencies. Travels in military aircraft and drives military vehicles as required. Participates in various periods of temporary duty away from the place of assignment. Performs other duties as assigned.

Minimum Qualification Requirements:

1. Must have 2A6X1 AFSC.

Eligibility Requirements:

1. Applicants who have been separated for cause from active duty or a previous AGR tour are ineligible.
2. Prior to entry into the AGR Program, member must be medically cleared by the 113th Medical Group.
3. Must meet all eligibility requirements in accordance with ANGI 36-101.

AGR Employment Points of Contact:

HR Specialist: A1C Danielle James, danielle.james.2@us.af.mil, 202-685-8813 (DSN 325-8813)

AGR NCOIC: MSgt Victoria McNamara, Victoria.McNamara@us.af.mil, 202-685-8813 (DSN 325-8813)