



District of Columbia Air National Guard

AGR Announcement

24-152



APPLICATION MUST BE FORWARDED TO: IN ORDER TO RECEIVE CONSIDERATION <u>113WG.DCANG.APPLICATIONS@US.AF.MIL</u>	OPENING DATE: 1 August 2024	CLOSING DATE: 4 May 2025
	Position Title: Aircraft Electrician Mechanic Max Grade: SSgt (E5) Min Grade: A1C (E3) AFSC: 2A6X6 Tour: Permanent	
	Appointment Status <input checked="" type="checkbox"/> Enlisted <input type="checkbox"/> Officer	
	AREA OF CONSIDERATION: GROUP III All members eligible for entry into DCANG	
Position Location: 113 th Maintenance Squadron Joint Base Andrews, 20762		
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.ngbpdc.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>).. If clearance is expired, you must obtain security memo from the Wing security manager. 6.) Current Fitness Test from AFFMS II (<i>Per AFI 36-2905 – current within 12 months</i>). 7.) Letter(s) of recommendation (<i>optional</i>) 8.) If missing documents, memo to board president required stating reason why documents are missing *All documents must be consolidated into a single pdf file. DO NOT put in PDF Portfolio format. Save applications in the following format: <i>MVA number, Rank, Last name, First name, Middle Initial</i>. 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: 24-152

Position: Aircraft Electrician Mechanic

Position Description:

Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/anti-skid system, maintenance annunciation panel (MAP) system of the integrated main generator, standby generator, emergency generator, flight control power, AC/DC power distribution and sub-systems integrated into the electronic/electrical and environmental systems. Interprets analog and digital operational and output characteristics and results from the Maintenance Annunciation Panel (M.A.P.), on-board computers, aircrew debriefings and specialized test equipment. The electrical system includes the electrical power generation and distribution system, the fire detection and extinguishing system, the ice and rain protection system, the landing gear system, the interior and exterior lighting system, the oxygen generation and distribution system, and the auxiliary power system. The environmental system includes compression, distribution, pressurization, heating, cooling, temperature control, moisture/air contamination control, and liquid cooling requirements. Removes, repairs, calibrates, installs, aligns, inspects, and conducts operational performance checkouts on the components of the electronic/electrical and environmental systems. Analyzes malfunctions using schematics, logic and wiring diagrams, computer data, and factory drawings. Diagnoses circuit operating characteristics using on-board computer, special test equipment and laptop computers to isolate problems to the failing component. Removes and replaces components or assemblies down to the lowest level authorized by depot. Performs organizational and intermediate level maintenance modifications as required. Performs recurring inspections and system tests of the life support and the electronic/electrical and environmental system to certify aircraft are ready for flight. Modifies and updates electrical and environmental support equipment according to applicable technical publications. Maintains and operates various types of test equipment such as oscilloscopes, diagnostic computers, digital and analog multi-meters, constant speed drive test stands, voltmeters, ammeters, etc. Performs precise and advanced wiring maintenance procedures on aircraft. Utilizes computer data and specialized test equipment to interpret equipment analog/digital operational characteristics to isolate malfunctions in the appropriate sub-systems. Interprets electronic terms and symbols, and applies a variety of electronic formulas, tables and charts in order to perform fault isolation and repairs to systems and sub-systems, such as the 1553 data bus's, BUS Interface Unit (BIU), BUS Adapter Unit (BAU), F-16 Electrical Multiplexing System (EMUX), the C130J Enhanced Cargo Handling/Aerial Delivery System (ECHS/ADS) and the F-15 Engine Modification from the PW100-200 to the PW100-220 which incorporates a Digital Electronic Engine Control (DEEC). Provides technical guidance, advice and/or assistance to other work centers on the interrelationship of electronic/electrical and environmental systems and their respective system, to include flight controls, offensive fire control radar, weapon release, communications, hydraulic, fuel, engine and egress. Processes and accounts for supply assets in the repairable processing system to maintain aircraft records, inspection records, and equipment maintenance in computer systems (CAMS). Documents maintenance actions and man-hour expenditures on maintenance forms and computer systems. Clears Red X symbols on maintenance forms as authorized, and performs electronic/electrical and environmental system debriefing of aircrews. Recommends methods (AFTO Form 22) to improve equipment performance and maintenance procedures, i.e., data corrections to correct software or technical order deficiencies. Processes and accounts for due-in-from maintenance (DIFM) supply assets. Documents maintenance repair actions, man-hour accounting, maintenance forms, and computer systems. Maintains historical data of repaired components, Line Replaceable Units (LRUs) and test equipment. Inspects, tests and performs operative

maintenance on cryogenic and gaseous oxygen and nitrogen servicing equipment. Is able to provide a thorough inspection of the complete electronic/electrical and environmental, and other systems, of the aircraft during special and phase inspections. Provides on-the-job training to lower grade personnel concerning repair of the electronic/electrical and environmental equipment, aircraft system line replaceable units (LRUs), and aircraft electrical/environmental systems. Also provides on-the-job training (OJT) for newly assigned personnel. 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. May be required to perform additional duties such as aircraft crew chief, hydrazine response, aircraft or equipment decontamination, 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 as a member of a team to assist local authorities with natural disasters or civil emergencies. Complies with safety, fire, security, and housekeeping regulations. Ensures that material, equipment and components are properly stored, protected and maintained. Performs other duties as assigned. Incumbent works under the general supervision of the Electro-Environmental Shop supervisor. Assignments are given in the form of work orders, inspection reports, or oral instructions. Plans own work sequences, selects tools and repairs parts or subassemblies and otherwise independently carries assignments through to completion, referring only unusual and difficult problems to the supervisor. Work is accomplished in accordance with technical orders, manufacturer handbooks and specifications, and engineering data. Work is subject to spot check and quality control checks upon completion for acceptability and adherence to instructions and established standards. Works with technical and professional personnel on matters affecting operating specifications and changes of equipment and software.

Minimum Qualification Requirements:

1. Secret clearance required.
2. Must hold 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:

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