



# District of Columbia Air National Guard

## AGR Announcement

### 24-170



<p><b>APPLICATION MUST BE FORWARDED TO:</b></p> <p><b>IN ORDER TO RECEIVE CONSIDERATION</b>  <a href="mailto:I13WG.DCANG.APPLICATIONS@US.AF.MIL">I13WG.DCANG.APPLICATIONS@US.AF.MIL</a></p>	<p><b>OPENING DATE:</b> 20 September 2024</p> <p><b>CLOSING DATE:</b> 20 October 2024</p> <p><b>Position Title:</b> Aircraft Armament Systems Mechanic  <b>Max Grade:</b> MSgt (E7)  <b>Min Grade:</b> SrA (E4)  <b>AFSC:</b> 2W151/2W171  <b>Tour:</b> Permanent</p> <p><b>Appointment Status</b>  <input checked="" type="checkbox"/> Enlisted    <input type="checkbox"/> Officer</p>	
<p><b>Position Location:</b> 113<sup>th</sup> Aircraft Maintenance Squadron Joint Base Andrews, MD, 20762</p>	<p><b>AREA OF CONSIDERATION: GROUP III</b> All members eligible for entry into DCANG</p>	
<p><b>INSTRUCTIONS FOR APPLYING:</b> This office will <b>NOT</b> accept mailed applications. <b>You must send applications electronically.</b> <b>Failure to submit all required documents as outlined below will result in your application not being considered for employment.</b></p> <p style="text-align: center;"><b>AGR REQUIRED DOCUMENTS:</b></p> <ol style="list-style-type: none"> <li>1.) NGB 34-1 (<i>dated Nov 2013</i>) Application for AGR Position. <a href="https://www.ngbpmc.ng.mil/Forms/NGB-Form/">https://www.ngbpmc.ng.mil/Forms/NGB-Form/</a></li> <li>2.) Copies of last three EPRs</li> <li>3.) Resume (<i>any format</i>)</li> <li>4.) 3 References on a separate sheet of paper with email address and additional point of contact number(s).</li> <li>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.</li> <li>6.) Current Fitness Test from myFitness (<i>Per DAFI 36-2905 – current within 12 months</i>).</li> <li>7.) Letter(s) of recommendation (<i>optional</i>)</li> <li>8.) If missing documents, memo to board president required stating reason why documents are missing</li> </ol> <p><b>*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</b>  Email subject will be in the same format.</p>		
<p><b>Conditions of Employment:</b>  <u>Electronic Funds Transfer:</u> 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.</p>		
<p><b>Evaluation Process:</b> Applicants will be evaluated solely on information supplied in application documents outlined above. Interview responses will also be considered when applicable. <b>Incomplete applications will not be considered.</b> 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.</p>		
<p><b>Equal Employment Opportunity:</b> 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. <a href="http://www.ngbpdc.ngb.army.mil/pubs/40/ngraf40_1614v2.pdf">http://www.ngbpdc.ngb.army.mil/pubs/40/ngraf40_1614v2.pdf</a> and ANGI 36-7 <a href="http://www.ngbpdc.ngb.army.mil/publications.htm">http://www.ngbpdc.ngb.army.mil/publications.htm</a></p>		



# 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:** 24-170

**Position:** Aircraft Armament Systems Mechanic

**Position Description:**

Operates, analyzes performance, troubleshoots, inspects, installs, maintains, overhauls, repairs and modifies operational ordnance system(s) and subsystems consisting of numerous complex electronic components in fighter aircraft. Examples of individual subsystems or components are: computerized stores management systems or programmable armament control systems, fire/control avionics, fire control sensing, targeting systems, digital multiplex data bus systems, electronic countermeasures equipment, weapons/avionics video display systems and discrete weapons/avionics systems and ensures compatibility of systems and their interfaces through operational test, system alignment and harmonization. Analyzes performance and isolate malfunctions to individual subsystems and or components of bombing/navigation, fire-control/weapons delivery, weapons multi-sensor displays and external electro-mechanical weapons systems, electro-optical targeting pod/weapon interfaces, R/F electronic countermeasures systems, target radar tracking and missile tracking radar. Reviews and analyzes aircrew debriefs and data transfer equipment information to aid in resolving in-flight discrepancies encountered and isolates unusual system anomalies within the complete system using technical manuals, schematics, logic and wiring diagrams, tools and test equipment including automatic test equipment. Solves aircraft ordnance malfunctions by analyzing the installation, circuitry and operating characteristics of the electronic ordnance system. Adjusts and aligns sensors, transmitters, power supplies, display devices, controls, actuators, servos, computers and other interrelated components. Performs bore sighting of the complete system to ensure alignment of all components of the electronic weapons delivery system such as radar, aerial gun system, pilot's HUD, Angle Of Attack (AOA) and aircraft Inertial Navigation System (INS). Removes faulty LRU's for shop repair and identifies faulty subassemblies such as bad circuit cards, random access memory, operational flight program (OFP) and various electronic circuits and installs serviceable components into aircraft. Inspects completed maintenance to ensure compliance of technical directives and initiates the necessary forms to ensure documentation is correct and entered in the aircraft historical records. Removes, repairs, installs, inspects and conducts operational performance checkout of aircraft ordnance and isolates malfunctions and identifies if failures are in specific LRU's, aircraft weapons, avionics multiplex data bus matrix assemblies, or aircraft digital data wiring. Removes faulty units(matrix assemblies) and isolates problems to failing component parts using self-test diagnostics, oscilloscopes, frequency meters, signal generators, digital and differential voltmeters, milliohm meters, computer registers, impedance analyzers/multiplex data bus test equipment, and other special and standard tools and test equipment. Removes and replaces components or assemblies down to the smallest bit, piece, or module authorized, using special and common hand tools, special electronic instruments, and soldering devices along with high-reliability soldering techniques. Loads/unloads, positions and safeties air munitions using applicable technical data and handling equipment. Tests suspension, launch and release systems to ensure proper manual/electrical release on equipment. Analyzes on equipment malfunctions and repairs systems and performs aircraft weapons systems functional checks utilizing system peculiar electronic testing equipment and special tools and tests the aircraft electronic circuitry for normal operation of the ordnance system and absence of stray electrical power. Conducts off-equipment troubleshooting and functional checks of electronic weapons control systems to ensure proper manual/electrical release and fire sequence. Performs bench checks to determine extent of repair needed and accomplishes Time Compliance Technical Orders (TCTO) and modifications of components and software and tests for proper operation. Performs scheduled and unscheduled in-use/in-storage inspections and maintenance of on/off equipment components such as launchers, bomb racks, pylons, launcher adapters, gun systems and handling

equipment and inspects equipment for serviceability and proper installation on aircraft of components such as suspension devices, launcher, bomb racks and pylons. Examines gun system for defects and removes, disassembles, inspects and repairs the entire gun system. Installs ordnance system on the aircraft and accomplishes operational checkout using hydraulic test stands and external electrical power. Performs scheduled/unscheduled disassembly, assembly, inspection, maintenance, modification, testing and repair of the Ammunition Loading Systems (UALS/ALS) and maintains the applicable forms and historical records for aircraft ordnance systems. Implements preliminary(advance) maintenance plans for assigned weapon systems and schedules immediate weapons maintenance for transient aircraft. Designates, maintains and monitors current weapons maintenance repair priorities of aircraft to ensure actuality and compliance with the flying schedules. Authorizes and assigns aircraft weapons maintenance jobs, job control numbers either manually or through a computerized maintenance system, work priorities and start and completion times for scheduled and unscheduled weapons configurations, weapons loads/unloads, functional checks and all other weapons system maintenance of aircraft. Responsible for the control and dispatch of weapons shop assignments. Monitors progress of job completion by dispatched personal and controls ordnance maintenance on assigned aircraft and related support and training equipment. Takes prompt and decisive action to make on-the-spot adjustments to weapons maintenance repair priorities necessitated by unscheduled maintenance requirements and incorporates all unscheduled maintenance into a daily plan. Continually keeps flight line expediter updated on all aircraft status. Maintains visual aids depicting status of weapons maintenance actions in progress, weapons personnel availability and status of aerospace vehicles, training equipment, transportation and tow vehicles, munitions loads, arming of guns and munitions and location of aircraft. Maintains a visual daily flying schedule and notes deviations and cancellations of assigned aircraft ordnance. Ensures all munitions are inventoried at the start and completion of the work shift. Ensures that all munitions expenditures are accurately tracked and recorded on applicable forms. When required will assist the munitions custodian of aircrew training munitions in conducting a weekly munitions inventory and reconciliation. Coordinates with loading standardization and the weapons element supervisor for all load crew-training requirements and ensures only loading certified/qualified personnel are directed to perform weapons loading tasks and may be required to perform weapons expediting on the flight line. Maintains and reviews publication files of applicable technical orders, regulations, manuals and local directives. Recommends and rewrites methods to improve maintenance procedures, technical data and equipment and initiates unsatisfactory equipment and technical order deficiency reports. Provides hands-on training instruction to lower graded personnel concerned with the repair of the electronic ordnance systems within the aircraft. May be required to perform additional duties as a production controller, quality assurance inspector, and bench stock monitor for the work center. Processes and accounts for due in from maintenance (DIFM) supply assets and ensure materials and equipment are properly stored, protected and maintained and funds are not obligated for material or parts without proper justification. Adjusts, installs and removes cartridges and squibs for tanks and pylons and chaff/flare systems. Adjusts and installs fusing devices in explosive air munitions. Removes and installs safeing devices on munitions and gun systems and operates Munitions Maintenance Handling Equipment(MMHE) and loading equipment. Operates fault detection and digital test equipment. Evaluates pilot trouble reports to determine validity and the necessary repair actions. May be required to maintain certification as a weapons load crew chief or load crewmember. May be required to perform additional duties such as launch/recovery aircraft servicing, fire fighting, crash rescue duty or serve as a member of a team to cope with natural disasters or civil emergencies. May be required to inspect, troubleshoot, test and maintain the Aerial Gunnery Target System. Analyzes, isolates and repairs off-equipment malfunctions of Aerial Gunnery Target Systems, target sets, digital control displays and associated equipment utilizing digital electronic test equipment and specialized tools. Services and maintains Aerial Gunnery Target System with gaseous nitrogen. May be delegated authority to clear Red X on aircraft forms. Routinely works with and alongside journey-level counterparts. Maintains load crew certifications as needed to support UCML requirements. Performs other duties as assigned.

**Minimum Qualification Requirements:**

1. Secret clearance required.
2. Must hold AFSC listed.

**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](mailto:Victoria.McNamara@us.af.mil), 202-685-8813 (DSN 325-8813)