

VERMONT AIR NATIONAL GUARD AGR VACANCY ANNOUNCEMENT

Announcement Number:	MVA AF 24-09
Position Title:	Aircraft Ordnance Systems Mechanic
Date of Announcement:	8 March 2024
Closing Date:	30 April 2024
Duty Location & Unit:	158 th Aircraft Maintenance Squadron, Vermont Air National Guard, South Burlington, VT 05403
Rank, Grade, AFSC:	MSgt/E7; 2W171
Period of Tour:	Initial Tour 3 years
Selecting Official:	SMSgt Eric Sauve; 802-660-5960; eric.sauve.1@us.af.mil
Human Resources Office Point of Contact and Address:	Ms. Louise Acker; louise.s.acker.civ@army.mil ; SMSgt Sara Lemay; sara.j.lemay.mil@army.mil 789 Vermont National Guard Rd Green Mountain Armory Colchester, Vermont 05446-3099
Area of Consideration:	On Board Non-Fenced Permanent AGR's within the Vermont Air National Guard Only. This is Also Being Advertised as a Technician Announcement VT-12337566-AF-24-14
PCS Authorized:	YES

Minimum Requirements:

- Individual selected will be ordered to Active Guard/Reserve (AGR) duty under the provisions of Title 32 USC 328 & 502 (f). As a condition of employment, individual selected agrees to participate with their unit of assignment during all unit training assemblies and periods of Consolidated Annual Training.
- Officer Applicants must be able to complete 20 years of Active Duty prior to mandatory separation date (MSD).
- All conditions of ANGI 36-101 will be complied with.
- UMD position must be vacant prior to assignment to the advertised position.
- IAW ANGI 36-101 para 5.10. AGR applicants should be able to attain 20 years TAFMS in the AGR program. Individuals selected for an AGR tours that cannot attain 20 years TAFMS prior to reaching mandatory separation date, must complete the Statement of Understanding and have the TAG waiver approved.
- IAW ANGI 36-101 para 5.7, an individual must not have been previously separated for cause from active duty or previous Reserve Component AGR tour.
- The process of applying and being nominated does not constitute final selection for nor guarantee this position.
- Applicants are strongly advised not to make arrangements to move or change jobs until notified of final selection by designated representative.
- Applicant must have a current passing PT Test to be eligible to apply.
- A current favorable adjudicated personnel security clearance is required prior to being appointed into the AGR program.
- Applicant must be cleared medically prior to being appointed into the AGR program.

Other Pertinent Data:

- Applicants will be assigned to the following UMD position number 131508, Rank/Military Grade: MSgt/E7; AFSC 2W171.
- All enlisted ranks and any AFSC is eligible to apply.
- If applicant does not currently possess the 2W1X1 AFSC they will be required to attain the 2W131 AFSC within 12 months of appointment. The following statement will be included in the remarks section of the AF Form 2096 *Classification/On-The-Job Training Action*: —"I acknowledge that I will attend the first available course that would qualify me in the new AFSC. I will complete the course successfully and progress in training to a skill-level compatible with my UMD assignment. Failure to do so will result in the termination of my AGR tour." The AF Form 2096 or an approved waiver must be accomplished before the orders are published. IAW ANGI36-101, Chapter 5.
- Retraining into the 2W1XX career field within the Air Force (Active, Reserves and Air National Guard) is restricted to the grades of E-7 and below with less than 15 years of total federal military service.
- Minimum profile of P3, U3, L3, H1, E3 and S1 is required and must be eligible for worldwide duty IAW AFI 36-101.
- A minimum aptitude score of 60 in MECH **OR** 45 in ELEC is mandatory and be able to lift 70lbs.
- **Please refer to current AFECD** for any other qualifications, duties and responsibilities.

- Must possess a valid state driver's license to operate government motor vehicles (GMV).
- Incumbent may be subject to uncommon tours, rotational shift assignments and overtime duty.
- Mandatory knowledge, education and experience requirements of DAFI 36-2110 must be met.

Duties and Responsibilities:

- This position is in, Aircraft Maintenance Squadron, Weapons Element (Flight Line). This PD is applicable for the F-15, F-16, F-22, F-35 and A-10 aircraft only. The primary purpose of the position is to troubleshoot, repair, install, modify, test and adjust aircraft ordnance systems, equipment and components. On and/or off-equipment inspection, modification, overhaul, troubleshooting and repair capability of weapons release and gun systems; verifies and analyzes malfunctions, troubleshoots, tests, inspects and loads/unloads conventional munitions; installs/removes weapons delivery equipment, launchers and gun systems.
- 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.
- **PERFORMS OTHER DUTIES AS ASSIGNED.**
- **COMPETENCIES:** Attention to Detail, Ammunition and Explosives, Organizational Awareness, Technical Competences.

Instructions for Applying:

Interested applicants will submit required documents with the attached AGR Application Checklist via TEAMS (VTNG HRO (Customer)) - [Air AGR Manager Home Page link \(Home Page\)](#).

- Applications without all required supporting documents as stated on the checklist will not be considered.
- Applications submitted after 2359L of the closing date will not be accepted/considered.
- Hard copy applications hand-carried or sent via US Postal Service, Federal Express, UPS are not authorized and **will not** be accepted.
- **If having difficulty with submitting application via TEAMS please contact sara.j.lemay.mil@army.mil**

Submit Applications (with attached checklist) through Microsoft Teams, ([Home Page](#)) if you do not have access please request access to sara.j.lemay.mil@army.mil or louise.s.acker.civ@army.mil

Equal Employment Opportunity: The policy of the National Guard is to treat all applicants equally without regard to race, color, gender, religion, national origin, age, or non-disqualifying handicap. The National Guard is committed to develop and implement a diversity program that is consistent with equal employment opportunity and with the "Human Goals" of the Department of Defense.

TITLE 32 AGR APPLICATION CHECKLIST

*****INCOMPLETE APPLICATION PACKAGES WILL NOT BE CONSIDERED
AND WILL BE RETURNED WITHOUT ACTION****

NAME (last, first): _____ Rank: _____
Contact Phone #: _____ Email: _____

Current Status: DSG / FTNG-ADOS / AD / Perm AGR / Perm TECH / LWOP TECH
(CIRCLE ONE)

PACKET SEQUENCE AND DOCUMENT REQUIREMENTS (1,2,3,4,5,7 are required; 6 is not): (Initial each line) (Redact all SSN)

1. _____ NGB Form 34-1 dated Nov 2013 (20131111) (MUST be complete with signature digital or wet)
2. _____ Personal Resume
3. _____ Fitness Tracker Report w/ a passing score in a current status from myFSS
4. _____ Record Review/Update (vMPF)
5. _____ Point Credit Summary Inquiry (PCARS) (Be sure to click on view all & print) (ensure report states accrued through R&R date on last page of point summary, otherwise application will not be accepted)
6. _____ Letter of Recommendation(s) (If Applicable) (Not required)
7. _____ Other supporting documentation that is required for eligibility (i.e Voluntary Demotion Memo if applying for a vacancy that's lower than your current rank/grade, test scores/certifications/courses not listed on the record review, etc.) (If Applicable)

***FORMS REQUIRING SIGNATURE MUST BE SIGNED OR PACKAGE WILL BE FOUND INCOMPLETE (NGB 34-1).**

INSTRUCTIONS FOR APPLYING

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- Applications without all required supporting documents will not be considered.
- Applications submitted after 2359L of the closing date will not be accepted/considered.
- Hard copy applications hand-carried or sent via US Postal Service, Federal Express, UPS are not authorized and **will not** be accepted.
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