

## VERMONT AIR NATIONAL GUARD AGR VACANCY ANNOUNCEMENT

<b>Announcement Number(s):</b>	MVA AF 23-28
<b>Position Title:</b>	Electronic Integrated Systems Mechanic
<b>Date of Announcement:</b>	03 June 2023
<b>Closing Date:</b>	12 June 2023
<b>Duty Location &amp; Unit:</b>	158 <sup>th</sup> Aircraft Maintenance Squadron, Vermont Air National Guard, South Burlington, VT 05403
<b>Rank, Grade, AFSC:</b>	MSgt/E7; 2A375
<b>Period of Tour:</b>	Initial Tour 3 Years
<b>Selecting Official:</b>	MSgt Seth Paul; 802-660-5453; <a href="mailto:seth.paul@us.af.mil">seth.paul@us.af.mil</a>
<b>Human Resources Office Point of Contact and Address:</b>	Ms. Louise Acker; <a href="mailto:louise.s.acker.civ@army.mil">louise.s.acker.civ@army.mil</a> ; SMSgt Sara Lemay; <a href="mailto:sara.j.lemay.mil@army.mil">sara.j.lemay.mil@army.mil</a> 789 Vermont National Guard Rd Green Mountain Armory Colchester, Vermont 05446-3099
<b>Area of Consideration:</b>	On Board Permanent Non-Fenced AGRs within the Vermont Air National Guard Only.
<b>PCS Authorized:</b>	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 0113140834, Rank/Military Grade: MSgt/E7; AFSC 2A375.
- Applicant must be a TSgt/E6 or above to be eligible to apply.
- Applicant must possess the 2A375 AFSC to be eligible to apply.
- Please refer to AFECD for any other requirements, 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 located at the Aircraft Maintenance Squadron of the 158th Fighter Wing, in South Burlington, VT. The primary purpose of this position is to install, modify, overhaul, maintain, troubleshoot, repair, align, calibrate, and

rebuild multi-system avionics complexes consisting of multiple completely integrated electronic avionics systems where the complex accomplishes a number of major functions. The worker in this career field must demonstrate the ability to perform on- or off-equipment maintenance on one or more complete electronic integrated systems associated with the assigned aircraft and/or maintenance on automatic flight control systems, instrument systems, inertial and radar navigation systems.

- Performs scheduled and unscheduled maintenance on one or more multi-complex electronic integrated systems. Completes operational checks, inspections, tests, trouble shooting, removal and replacement of Line Replaceable Units (LRUs) which are linked with integrated systems and LRUs which are independent or associated with nonintegrated systems. Isolates unusual malfunctions using technical orders, schematics, wiring diagrams, tools, and test equipment including automatic test equipment and Flight Line Test Systems (FLTS). Solves complex problems by analyzing installation, circuitry, and operating characteristics of the systems. Adjusts and aligns system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Installs serviceable components into aircraft and performs total systems alignment and harmonization in accordance with existing technical orders and directives. Accomplishes technical order compliances, modification of components/systems and completes thorough system checks for proper operation. Maintains, modifies, calibrates and inspects a wide variety of user test, measurement, and diagnostic equipment (TMDE). Installs, modifies, overhauls, maintains, troubleshoots, repairs, rebuilds, aligns, and calibrates complete electronic avionics multi-systems control. Demonstrates a thorough working knowledge of complex aircraft avionics and or ECM systems such as the electronics package in a highly automated aircraft where the integrated flight and Integrated Countermeasures System, electronic multiplex communications bus, Inertial Navigation System, multi-function displays, head-up display, data transfer equipment, Global Positioning System, Situation Awareness Data-Link (SADL), Data Modem, Flight Control System, pitot-static system and related instrumentation, flight director instrumentation, Central Air Data Computer, engine, hydraulic and fuel quantity indicating systems, voice message warning, VHF, UHF, SATCOM Data, intercom, secure voice communications, Identification Friend or Foe (IFF), and Tactical Air Navigation System (TACAN). Evaluates operational characteristics of the integrated systems by observing and analyzing waveforms, voltage, current, power indications, computer registers and printouts. Analyzes the malfunctions encountered through fault codes, determines repair sequence process and performs the repairs. (30%)
- Reviews and analyzes maintenance data; determines if criteria are sufficient to provide adequate test, troubleshooting and repair procedures; devises and recommends tests, procedural changes, or data corrections. Aligns, adjusts, and performs final calibrations on integrated systems to determine successful repairs. Analyzes equipment failure and malfunctions and suggests changes to improve operation. Monitors the operation of complex, interrelated systems, analyzes operating trends, proposes preventative maintenance down time to assure continued operating capability, and recommends components for overhaul or engineering evaluation for disposal. Applies technical data and equipment specifications to determine the impact that equipment modifications or substitutions will have upon integrated multi-system operations and various maintenance alignment procedures. Uses algebraic and trigonometric functions to adapt standard formulas to the specific requirements of the integrated system. Installs, operates, and repairs prototype or experimental electronic systems such as inertial navigation, automatic flight control as assigned. Advises Aerospace Engineering personnel on the operation and maintenance effects of proposed Time Compliance Technical Orders (TCO) modifications on new or existing equipment. Interacts directly with aircrews for mission/sortie debrief and enhanced system troubleshooting. (20%)
- Troubleshoots operational malfunctions and analyzes system performance utilizing aircrew debrief data, Technical Orders, schematic and wiring diagrams, engineering drawings, data analysis, common and system-specific test equipment and built in system tests. Performs on and off-equipment maintenance on systems such as automatic flight control, instruments, communication, navigation, and inertial navigation. Coordinates back shop bench check (if applicable, completes testing, repair, inspection, modification, programming, reprogramming, mating, adjusting, alignment, and analyzing of LRUs and shop replaceable units (SRUs). Uses a variety of test equipment such as automatic test equipment (ATE), oscilloscopes, frequency counters, phase-angle voltmeters, optical alignment equipment, digital pitot-static testers, programming units and special purpose test analyzers. Tests and troubleshoots solid state electronic assemblies and subassemblies such as circuit cards, modules, rate generators, electronic control amplifiers, electro-mechanical assemblies, random access memories, programmable read only memories, and various integrated circuits. Identifies faulty parts and repairs to level authorized. Reassembles unit after repair, performs alignment and makes shop checks. (20%)
- Recommends methods to improve equipment performance, technical data, and maintenance procedures by reporting hardware and software malfunctions, initiates material deficiency reports both on equipment and in technical data, and assists in design changes as necessary. Conducts aircrew debriefing to determine the nature of system malfunctions. Documents all discrepancies and maintenance actions performed by inputting information into the electronic records

information systems (i.e.: CAMS, IMDS, GO-81, REMIS). Recommends hardware and software changes. Submits change recommendations to Technical Orders. Requisitions supply assets and processes repairable assets in accordance with Standard Base Supply System requirements. Documents maintenance actions in aircraft forms and documents man-hour expenditures and maintenance actions in the maintenance computer system. Maintains Electronic Warfare (EW) (if applicable) and analysis equipment such as infrared/radar warning equipment, infrared/radar jamming equipment, chaff/flare dispensing systems, signal analysis equipment, recorders, direction finders, and special purpose test equipment. Accomplishes organizational and intermediate level modifications. Configures complex aircraft ECM equipment (if applicable) to meet critical mission requirements. Performs intricate component alignment and calibration to ensure proper system operation. Performs flight operational test, adjusts or replaces units or components as required. Conducts aircrew debriefings to analyze maintenance problems and determines the nature of required modifications. (15%)

- May upload and download chaff/flare dispensers. This hazardous task may involve the inspection, storage and handling of explosive devices; to include flares, chaff, impulse cartridges and similar items. Conducts on-the-job training on assigned systems and related support equipment and tasks to include classroom instruction as necessary. Provides training to lower graded personnel concerned with the repair of integrated avionics systems. Provides training to newly assigned personnel regardless of grade level. Prepares for and participates in Aerospace Expeditionary Force (AEF) tasking, deployments and various inspections and exercises. Processes and accounts for due-in from maintenance (DIFM) supply assets. Ensures that material and equipment are properly stored, protected and maintained and that funds are not obligated for material or parts without proper justification. (10%)
- May be required to perform additional duties such as structural fire-fighting, aircraft fire/crash/rescue duty, serve as a security guard, remove snow, load and handle munitions, launch/recover and service aircraft, operate heavy equipment, maintain facilities and equipment, or serve as a member of a team to cope with natural disasters or civil emergencies. Complies with safety, fire, security, and housekeeping regulations. (10%)
- Performs other related duties as assigned.

### 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](mailto: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](mailto:sara.j.lemay.mil@army.mil) or [louise.s.acker.civ@army.mil](mailto:louise.s.acker.civ@army.mil)**

<p><b><u>Equal Employment Opportunity:</u></b> 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.</p>
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## 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 (1-5 are required; 6&7 are 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 additional documentation (i.e Voluntary Demotion Memo if applying for a vacancy that's lower than your current rank/grade) (If Applicable) (Not Required)

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

### ----- 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](#)) as one single PDF (portfolios will not be accepted).

- 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.
- **If having difficulty with submitting application via TEAMS please contact [sara.j.lemay.mil@army.mil](mailto:sara.j.lemay.mil@army.mil)**

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