



MINNESOTA NATIONAL GUARD – HUMAN RESOURCES OFFICE (NGMN-PEH-A)  
CEDAR STREET ARMORY – 600 CEDAR STREET  
ST. PAUL, MN 55101  
TELEPHONE: (651) 282-4990 DSN: 825-4990



**MERIT**  
**AIR NATIONAL GUARD ACTIVE GUARD RESERVE (AGR)**  
**VACANCY ANNOUNCEMENT**  
**ANG 25-408**

**OPENING DATE:** 21 August 2025

**CLOSING DATE:** 18 September 2025

**RANK/GRADE:** MSgt/E-7

**POSITION TITLE:** Aircraft Engine Mechanic

**AFSC:** 2A6X1

**DUTY LOCATION:** 148<sup>th</sup> Maintenance Squadron, 148<sup>th</sup> Fighter Wing, Duluth, MN

**SELECTING OFFICIAL:** SMSgt Josh Modin, Comm: 218-788-7376 or DSN: 825-7376

**WHO MAY APPLY:** **ENLISTED (MSgt/E-7 – A1C/E-3)** are eligible to apply. Must hold 2AXXX AFSC to apply. Higher grades may apply; however, may take an administrative reduction in rank if selected. The military grade of the supervisor must equal or exceed the grade of personnel supervised. **For Merit Announcements, eligibility is limited to personnel currently assigned to the 148<sup>th</sup> Fighter Wing, Minnesota Air National Guard who are serving permanent Active Guard/Reserve (AGR) tours.** Members must remain in the position to which initially assigned for a minimum of 24 months. Waivers may be approved in exceptional circumstances by TAG. Will be required to work nights.

**REMARKS:** Acceptance of an AGR Position will result in termination of Selected Reserve bonuses. Member selected will not be accessed until incumbent vacates position. Promotion to MSgt/E-7 is subject to eligibility, and a valid UMD position. May promote to MSgt without further competition. For positions requiring the operation of motor vehicles, candidates must have a valid state driver's license for the state in which they live or are principally employed. For positions requiring a security clearance (Secret or Top Secret) the applicant must possess or be able to obtain a clearance within one year of appointment.

**DUTIES AND RESPONSIBILITIES:** Troubleshoots malfunctioning engines and interrelated propulsion system components, determines degree of disassembly or certification required, repairs or replaces defective components, diagnostic computers and associated hardware. Analyzes malfunctions using schematic and wiring diagrams, blueprints, manufacturer's specifications, computer diagnostics data, inspection findings, trending data and aircrew debriefs. Performs engine run operation on installed and uninstalled engines to troubleshoot malfunctions or verify findings. Removes and installs engines and auxiliary power units. Operates, Automated Ground Test Systems (AGETS), trouble-shoots and repairs aircraft jet engines. Troubleshoots, modifies, repairs, and performs sequential disassembly and assembly of gearboxes and auxiliary power units. Performs evaluations that must be accomplished at critical points in the repair/build-up process using a variety of quality characteristics, consisting of complete systems or components and assemblies that undergo many steps in a repair process and have highly critical tolerances. Performs test cell operation of engine and aircraft run up, analyzes operating parameters, makes final adjustments and verifies that engine is operating within acceptable parameters for safe operation in the aircraft. Performs scheduled and special evaluations on installed engines, auxiliary power units, and associated airframe-mounted systems. Interprets Engine Management trend data and investigates trend anomalies to eliminate catastrophic engine failure or damage by the prediction and detection of adverse trends towards known failure modes before they occur. Performs command directed and locally established in-progress inspections (IPI) (certifying acceptable performance of all conventional or modified aircraft engines prior to their being installed in the aircraft or placed in inventory) of propulsion system components and associated equipment to determine adequacy of workmanship, materials and maintenance. Makes final certification of completed work and critical engine build measurements, annotating by signature that work and tolerances are correct. Certifies aircraft is safe for flight by Clearing Red X and other Red symbols. Requisitions, processes, and accounts for supply assets as required by the repairable processing system. Verifies compatibility of engine components. Performs computer data entry of engine and component information such as component location, status and tracking information into the Core Automated Maintenance System (CAMS) for fighter aircraft, and G081, (CAMS for Mobility) for multi-engine transport aircraft. Uses computer-based systems to account for time expenditures of maintenance performed. Provides technical advice and troubleshooting expertise to other work centers when propulsion systems affect or are affected by interrelated aircraft systems, such as: electro-environmental, pneumatic, fuel and avionics systems. Provides on-the-job training to lower graded personnel or newly assigned personnel regardless of grade. Trains lower graded employees on proper certification techniques of installed engine components. Provides instruction in repair and inspection techniques of aircraft engine components and related equipment. Examines recurring malfunctions and initiates corrective actions by submission of quality deficiency or software deficiency reports. Devises repair procedures based on findings and recommends program changes or data corrections to correct software or technical data deficiencies. Recommends revisions to intermediate maintenance directives when necessary. Serves as the hazardous materials manager as required. Interprets and follows state and federal regulations regarding the reclamation, storage and transportation of hazardous materials. 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. Performs additional duties such as, hydrazine response, aircraft or equipment decontamination, structural firefighting, fire/crash/rescue duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and equipment, and assists local authorities during natural disasters or civil emergencies. Performs other duties as assigned.

**HOW TO APPLY:** Applicants must forward the forms listed below to arrive in the Human Resource Office no later than the Closing Date indicated above. E-mail applications to [ngmn.mailbox.assets-hro@us.af.mil](mailto:ngmn.mailbox.assets-hro@us.af.mil) subject line must read (AGR application 25-408 Last Name). **Combine all documents into a SINGLE .PDF File.** If the application packet is too large to be sent in one email, break the packet into two separate attachments and send it in two separate emails. If sending multiple emails, subject line must end in 1 of 2, 2 of 2 (example- AGR Application 25-408 Smith, 1 of 2). For questions, please call 651-282-4990 or email [ngmn.mailbox.assets-hro@us.af.mil](mailto:ngmn.mailbox.assets-hro@us.af.mil)

**REQUIRED:** Complete page 3 of this announcement  
Attach a copy of your most current RIP/Multi-page Duty History from vMPF  
Two most recent EPRs/EPBs  
Report of Individual Fitness (myFitness)

## MEMORANDUM FOR NGMN-PEH

Date: \_\_\_\_\_

**SUBJECT:** Application for Merit AGR Vacancy Announcement ANG 25-408,

1. I request consideration for the above vacancy.
2. Copies of my most recent RIP and last two EPRs are attached.
3. My full-time Active Guard Reserve employment history, starting with the present, is as follows:

<u>Organization</u>	<u>Duty Position/AFSC</u>	<u>Dates of Employment</u>	<u>Supervisor</u>	<u>Phone Number</u>

4. I am qualified in the following AFSCs: \_\_\_\_\_

5. Highest civilian education completed: \_\_\_\_\_

6. Most recent physical: Date \_\_\_\_\_

7. Where I can be contacted at: Home Phone \_\_\_\_\_ Work \_\_\_\_\_

8. Home Address: \_\_\_\_\_

9. Have you ever been convicted, forfeited collateral, or now under charges for any felony or firearms or explosives offense against the law? (If yes attach a separate sheet fully explaining)

10. During the past seven years, have you been convicted, imprisoned, on probation or parole, or forfeited collateral or are you now under charges for any offense against the law not included in Question 9? (If yes attach a separate sheet fully explaining)

11. Additional comments (you may include personal references):

Signature: \_\_\_\_\_

Name, Rank: \_\_\_\_\_

Position Title: \_\_\_\_\_

**FORWARD APPLICATION TO:** [ngmn.mailbox.assets-hro@us.af.mil](mailto:ngmn.mailbox.assets-hro@us.af.mil)

**The Minnesota Department of Military Affairs is an Equal Opportunity Employer.** All qualified applicants will receive consideration for the position without discrimination for any non-merit reason(s) such as age, race, religion, gender, ethnic origin or non-disqualifying disability. If you have information or questions regarding this issue, please contact the Equal Employment Manager at 651-282-4472.