



MINNESOTA NATIONAL GUARD – HUMAN RESOURCES OFFICE (NGMN-PEH-A)
CEDAR STREET ARMORY – 600 CEDAR STREET
ST. PAUL, MN 55155-2004
TELEPHONE: (651) 282-4155 DSN: 825-4155



MERIT
AIR NATIONAL GUARD ACTIVE GUARD RESERVE (AGR)
VACANCY ANNOUNCEMENT
ANG 25-142

OPENING DATE: 07 January 2025

CLOSING DATE: 21 January 2025

RANK/GRADE: SSgt/E-5

POSITION TITLE: Aircraft Electrician

DUTY LOCATION: 148th Maintenance Squadron, 148th Fighter Wing, Duluth, MN

SELECTING OFFICIAL: MSgt Charles Wacker, Comm: 218-788-7414 or DSN: 825-7414

WHO MAY APPLY: **ENLISTED (SSgt/E-5 and below)** are eligible to apply. Any AFSC may 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 148th Fighter Wing, Minnesota Air National Guard who are serving permanent Active Guard/Reserve (AGR) tours.**

REMARKS: Acceptance of an AGR position may result in termination of Selected Reserve bonuses. Member selected will not be accessed until incumbent vacates position. 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. 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.

DUTIES AND RESPONSIBILITIES: Analyze malfunctions, troubleshoot, remove, install, repair, modify, maintain, test, align, calibrate and certify the components of the aircraft electrical system the electronically and pneumatically controlled environmental system, and associated test equipment, and to certify these systems are air worthy, by intensive inspections of the Electrical/Electronic and Environmental System and peripherals. Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/antiskid 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.), onboard computers, aircrew debriefings and specialized test equipment. 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 isolates 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 multimeters, constant speed drive test stands, voltmeters, ammeters, etc. 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. 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 subject line must read (AGR application 25-142 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 25-142 Smith, 1 of 2). For questions, please call 651-282-4990 or email ngmn.mailbox.assets-hro@us.af.mil

REQUIRED: Complete page 2 of this announcement
Attach a copy of your most current RIP/Multi-page Duty History from vMPF
Two most recent EPR/EPBs
Report of Individual Fitness (myFitness)

ANNOUNCEMENT NUMBER: ANG 25-142

MEMORANDUM FOR NGMN-PEH

Date: _____

SUBJECT: Application for Merit AGR Vacancy Announcement ANG 25-142,

1. I request consideration for the above vacancy.
2. Copies of my most recent RIP, last two EPR/EPBs, and fitness scores 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

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.