

North Dakota Air National Guard

Active Guard Reserve (AGR)

Position Vacancy Announcement

Human Resource Office
North Dakota Army National Guard
P.O. Box 5511
Bismarck, ND 58506-5511

119th Wing/HR Office
North Dakota Air National Guard
1400 32nd Ave North
Fargo, ND 58102-1051

Announcement Number: **ANG 26-24**

☒ Permanent ☐ Temporary

Open Date: 28 January 2026

Close Date: 18 February 2026

Earliest Fill Date: 1 June 2026

Position Number(s): 1121881

Location: 119th Wing, Fargo, ND

Position Title, Grade: RF Transmissions NCOIC, MSgt

Selecting Official: SMSgt Matthew Hauger, Plans/NetOps Superintendent

Area of Consideration: Current enlisted members of the NDANG

- ✓ Applicants must be minimum rank of TSgt.
- ✓ Applicants must have current 1D7XXX AFSC to apply. SSgts with current 1D7X2R AFSC will also be accepted.

Compatibility: 1D7X2R

~APPLICANT MUST **CURRENTLY POSSESS OR HAVE PREVIOUSLY HELD** THE COMPATIBLE AFSC TO BE CONSIDERED FOR THIS POSITION (AFSC IN DUTY HISTORY).

REFER TO DAFECD/DAFOCD FOR SPECIFIC MANDATORY AFSC REQUIREMENTS

APPLICANTS WITH A 92/9T PAFSC WILL NOT BE ACCEPTED

How to Apply:

If your application does not contain, at a minimum, the required documents from the correct sites, your application will not be accepted.

Applications must be combined into a single PDF document and must be named in the following format, announcement number and LASTNAME, (ANG XX-XXX LASTNAME), failure to do so will result in applications not being forwarded to Selecting Officials. Instructions on how to obtain these documents can be found in the AGR Vacancy Folder on SharePoint. Required documents are listed below (a, b, & c).

- a. NGB Form 34-1, Application For Active Guard/Reserve (AGR) Position: completed & signed
- b. Report of Individual Person (RIP) from vMPF
- c. MyFitness Individual Fitness Tracker from myFITNESS showing current, within 12 months
- d. Additional Documentation that you feel is necessary to enhance your possibility for selection (examples: certificates, diplomas, letters of recommendation, etc.)

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Applications must be submitted to the Human Resource Office (HRO) email inbox NO LATER THAN 23:59 on the closing date: 119.WG.HRO.ORG@US.AF.MIL (email is the only acceptable form of receiving the application). Ensure your application is submitted with pdf or word attachments so HR can open and review. Applications **WILL NOT** be reviewed/screened until the vacancy has closed. Applicant must meet all Areas of Consideration(s) at the time of submission, or they will be disqualified.

If you have questions, concerns, or issues, you may contact the **Air AGR Manager at 701-451-2662**.

SPECIALTY SUMMARY:

Radio Frequency (RF) Transmissions and Electromagnetic Activities (EMA) involve the use of electromagnetic energy to support a wide range of military and civilian operations. An RF Technician is responsible for installing, integrating, maintaining, and repairing RF communication equipment. They work with a variety of RF systems, including radio, and cellular communication networks, and specialize in propagation techniques such as Line of Sight, HF, SATCOM, and Troposcatter in both fixed and tactical environments. Spectrum Operations personnel are responsible for managing and coordinating the use of the electromagnetic spectrum in a particular geographic area. They analyze requirements and requests for frequencies, and work to ensure that different systems and devices can operate without interfering with each other. This may involve coordinating with other spectrum users, such as government agencies or commercial entities, and making recommendations for the allocation of frequencies. Spectrum Operations Technicians must have a deep understanding of wireless communications systems and the principles of electromagnetism, as well as knowledge of relevant regulations and standards. They may also be involved in the development of new spectrum-dependent technologies and applications. Together, RF and EMA technicians play a critical role in ensuring the effective and secure use of the electromagnetic spectrum in a variety of contexts. DCWF work roles associated with this specialty will be listed in the Career Field Education and Training Plan (CFETP).

DUTIES AND RESPONSIBILITIES:

- Performs/supervises wireless radio and satellite systems and equipment maintenance activities. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance equipment, support equipment, tools, and spare parts. Requisitions, accounts for, and turns in supplies and material. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Identifies maintenance problem areas and recommends corrective action. Recommends methods to improve equipment performance and maintenance procedures. Evaluates justification and practicability of proposed modifications. Develops and enforces safety standards for ground RF system maintenance activities
- Inspects wireless radio/satellite communications activities. Determines equipment operational status. Serves on teams to evaluate transmission systems activities. Interprets inspection findings submitted by other inspecting activities and initiates corrective action. Determines adequacy of

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corrective action. Checks installed and repaired components for compliance with technical publications.

- Resolves installation, repair, overhaul, and modification problems associated with communications equipment. Employs orbiting communication satellite, line-of-sight, and tropospheric scatter techniques. Installs, maintains, reconstitutes, removes, and modifies coaxial cabling, waveguide and antenna systems. Conducts tests to restore and maintain systems. Uses anti-jam equipment and techniques to neutralize effects of communication jamming. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems. Analyzes construction and operating characteristics of equipment to determine source of malfunction. Performs intricate alignment and calibration procedures to ensure maximum operating efficiency. Determines repair procedures necessary to correct defective equipment.
- Installs ground radio, satellite, and telemetry communications equipment. Consults layout drawings to ensure equipment is properly positioned. Checks equipment for serviceability prior to installation. Assembles, connects, secures, and interconnects components such as transmitters, power supplies, and antenna assemblies. Tests installed equipment for proper assembly of components and compliance with technical orders. Places in operation and tunes, adjusts, and aligns components to obtain maximum operating efficiency. Identifies and locates Radio Frequency interference sources.
- Deploys and activates mobile and transportable transmission equipment. Refers to plans and equipment specifications to conduct site and equipment surveys and establishes equipment systems interface. Unpacks, inspects, and positions communications equipment; erects antennas; and interconnects communications facilities.
- Performs preventive maintenance on communications systems and related equipment. Inspects equipment at specified intervals to determine operational status. Replaces defective components. Performs operational checks. Updates maintenance data collection records and systems to document actions completed.
- Repairs, overhauls, and modifies communications and related equipment. Isolates malfunctions using system checking procedures, required test equipment, analyzing voltage and waveform measurements, schematic diagrams, and equipment operating characteristics. Repairs equipment, including transmitters, receivers, transceivers, and related equipment. Tunes and adjusts components. Adjusts, aligns, and calibrates equipment for maximum operating efficiency. Fabricates and connects various types of antenna systems and transmission lines. Understands antenna fundamentals, including antenna theory and principles of rotators, amplifiers and control cables. Tests repaired components using bench mockups and related test equipment.
- Maintains inspection and maintenance records to include organizational device accounts. Posts entries on maintenance and inspection records. Records meter readings and other pertinent data in equipment logs. Completes maintenance data collection forms.
- Performs installation spectrum management duties as required. Engineers, nominates, assigns, and proactively ensures access to frequencies that support communications and operational requirements. Coordinates frequency needs with Federal, military, civil, and international spectrum management agencies. Secures operating authority and ensures the least possible interference is caused or received by Air Force electromagnetic systems. Drafts and reviews spectrum interference

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North Dakota Air National Guard

Active Guard Reserve (AGR)

Position Vacancy Announcement

reports. Resolves electromagnetic interference problems with the use of spectrum analysis software, and spectrum scanning equipment.

- As part of the Warfighter Communications career field, performs IT project management duties to include manage, supervise, and perform planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors the status of cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems. [DCWF Code - 802]

SPECIALTY QUALIFICATIONS:

Refer to DAFECD/DAFOCD for specialty qualifications, entry requirements, required training and further duties and responsibilities.

CONDITIONS OF EMPLOYMENT: The initial AGR tour is contingent upon selectee meeting all required standards to include fitness, medical review, security clearance, etc. AGR Members entering full time military duty must be medically qualified IAW AFI48-123 and the medical standards directory. Individuals must have current physical and dental examination within 12 months prior to entry date, HIV test within the last 6 months. AGR accessions are medically approved by the ND State Air Surgeon (SAS); those on WWD Waiver consideration must be approved by NGB/SGPA office. **Bonus/Incentive recipients:** If you currently receive any type of incentive such as bonus, student loan repayment, or GI Bill Kicker, these incentives will stop effective on the first day of full time employment. To be accessed in the AGR program, an individual must not have been previously separated for cause from active duty or a previous Reserve Component AGR tour. This vacancy announcement will be for an initial active-duty tour of 6 years OR less. Subsequent tours will be six (6) years or less. Extensions beyond the initial tour will be based on information in ANGI 36-101 and current force management procedures. The selected applicant will be placed in Active Guard/Reserve (AGR) military duty status under Title 32 USC Section 502 (f). The incumbent will participate with the unit of assignment during unit training assemblies and annual training periods. The wearing of the appropriate military uniform, prescribed in pertinent regulations is required for the incumbent of this position.

Acceptance of the position constitutes concurrence with these requirements as conditions of employment.

EQUAL OPPORTUNITY: The ND National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, color, religion, age, national origin, sex, political affiliation, membership or non-membership in employee organization or any other non-merit factor.

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