

***** Applications MUST be emailed to the HRO email ng.ar.ararng.mbx.hro-jobs@mail.mil *****

**MILITARY DEPARTMENT OF ARKANSAS
HUMAN RESOURCES OFFICE, BLDG 7300
CAMP ROBINSON-HRO-BOX 17
NORTH LITTLE ROCK, AR 72199-9600**

<https://arkansas.nationalguard.mil/Careers/Current-Openings/Air-AGR/>

AGR EMPLOYMENT OPPORTUNITY ANNOUNCEMENT NUMBER: 21-085A

OPENING DATE: 10 June 2021

CLOSING DATE: 09 July 2021

POSITION TITLE: RF Transmission Systems

MILITARY GRADE REQUIREMENTS: Enlisted, A1C/E-3 not to exceed MSgt/E-7

LOCATION: 188th Wing, Fort Smith, AR, Air National Guard

NOMINATING OFFICIAL: Chief Carl Schneider

Individual selected will be ordered to full time duty (state) in Active Guard/Reserve status under Title 32 USC 502(f). Benefits will be commensurate with grade/rank and years of service.

AREA OF CONSIDERATION: All members of the Arkansas Air National Guard or those eligible for membership, and eligible for entry into the Air Force Specialty Code (AFSC). In Accordance With (IAW) Air National Guard Instruction (ANGI) 36-101.

QUALIFICATION REQUIREMENTS: Must possess or meet requirements for entry into AFSC 3D1X3. Applicant must meet Body Composition and Physical Fitness Standards as stated in Air Force Manual 36-2905. Prior to induction into AGR Program, selectee must meet all required medical standards in AFI 48-123 and AFI 48-170. **Note:** Individuals who exceed the maximum grade of this position (see Military Grade Requirement above) may apply; however, they will be required to accept an administrative reduction in grade prior to being placed into this position. **Must possess or be able to obtain a Secret security clearance.**

PLACEMENT FACTORS: Selectee will be subject to uncommon tours of duty, rotational shift assignments and overtime duty. May be required to fly in military or commercial aircraft for Temporary Duty (TDY) purposes. Reserve Component Physical Health Assessment must medically qualify selectee within 12 months of closing date of announcement. Selectee will participate in unit of assignment during Unit Training Assemblies (UTAs) and Annual Training periods including deployments, special projects and exercises. Upon assignment, must be a member of the 188th WG, and assigned to a compatible military position in AFSC 3D1X3. **If applicant selected does not possess the AFSC, they must sign an agreement to retrain IAW ANGI 36-101, Chapter 5.**

SUMMARY OF DUTIES: 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 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 during temporary absence of qualified Spectrum Operations (3D1X4) personnel. Engineers, nominates, assigns, and proactively ensures access to frequencies that support communications and operational requirements. Coordinates frequency needs with Federal, military, and civil 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 reports. Resolves electromagnetic interference problems with the use of spectrum analysis software, and spectrum scanning equipment. As part of the Cyberspace Support career field family, 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. As part of the Cyberspace Support career field family, conducts defensive cyber operations (DCO) and associated support activities to defend DoD and other friendly cyberspace. DCO includes passive and active cyberspace defense operations to preserve the ability to utilize friendly cyberspace capabilities and protect data, networks, net-centric capabilities and other designated systems as well as passive defense measures intended to maintain and operate the DODIN and other networks such as configuration control, patching and firewall operations. Support activities includes but not limited to maintenance of cyber weapons systems, functional mission analysis, mission mapping, tool development, stan-eval, mission planning and data analysis.

INSTRUCTIONS FOR ANG ACTIVE GUARD/RESERVE POSITIONS: **Applications must be one PDF file and emailed to HRO (multiple documents will not be accepted). The email address for HRO is: ng.ar.ararnng.mbx.hro-jobs@mail.mil** Evaluation will be based on the qualification requirements stated in the announcement; therefore, it is important that every requirement on the announcement be addressed. To be considered qualified, applicant must meet qualification requirements as of the closing date of this announcement. Whenever possible, experience should be fully explained. Substantial changes in duties and responsibilities during a job should be fully explained so that appropriate credit may be given. Required attachments for this announcement are as follows:

Both, email subject line and your application must be named: Rank Last name, First name and Announcement Number
Example: TSgt Last name, First name 21-081A

Limit file size to 3 MB (1MB or less is ideal), failure to do so may result in your attachment being stripped from the email or rejected. (Downsize instructions – With PDF open – click file – save as other – reduced size PDF – click OK – click save – click yes)

Documents must be in one PDF file in the order listed below:

- 1. NGB 34-1 Application for Active Guard/Reserve (AGR)** – Must ensure position announcement number and position title are completed. This form must be signed and dated. Must explain any “yes” answer per instructions in Section V (except questions 9 & 17). Failure to do so will result in disqualification.
- 2. Current AF Form 422 within 5 Years** – Must be final signed/approved form.
- 3. Current Individual Medical Readiness (IMR)** – Must be no more than 30 days old. All statuses must be current/ready. Official copy must have applicants system generated name/date and reflect a PHA within 12 months of announcement closing date. (Once logged into your IMR – Right Click, print, Adobe PDF). Screen prints will not be accepted.
- 4. Current ANG Fitness Assessment Results** – Must be no more than 30 days old. Official PDF copy from AFFMS database must have applicants system generated name on it. Must reflect current passing fitness results within 12 months and fitness history. Screen prints will not be accepted. Covid exemptions will be accepted and must be entered into AFFMS, “current testing status” must be read “current”.
- 5. vMPF RIP** – Must be no more than 30 days old. Print and submit all pages. (vMPF path is - Self Service Actions - Personal Data - Record Review/Update - View/Print All Pages - Right Click, print, Adobe PDF).
- 6. SF 181** – Race and National Origin Identification.

THE ARKANSAS NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER, AND AS SUCH ALL APPLICATIONS FOR THIS POSITION WILL RECEIVE CONSIDERATION WITHOUT DISCRIMINATION FOR ANY NON-MERIT FACTOR SUCH AS RACE, RELIGION, SEX, NATIONAL ORIGIN, POLITICS, MARITAL STATUS, AGE, OR MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.