



**Colorado Air National Guard**  
**Active Guard Reserve (AGR)**  
**Position Announcement #**  
**COANG 22-346a**



<https://co.ng.mil/Jobs/Air-AGR/>

<b>POSITION TITLE:</b> <b>Power Production</b>	<b>DAFSC:</b> 3E072	<b>OPEN DATE:</b> 7 June 2022	<b>CLOSE DATE:</b> 7 July 2022
<b>UNIT OF ACTIVITY/DUTY LOCATION:</b> 140th Civil Engineer Sq Buckley SFB, CO		<b>GRADE REQUIREMENT:</b> Minimum: E6 Maximum: E7	
<b>SELECTING OFFICIAL:</b> CMSgt Christopher Davis DSN: 847-6375; Comm: 720-847-6375	<b>(HRO Use Only)</b> 02048641C Available: TBD	<b>QUALIFICATION REQUIREMENTS:</b> Must hold 3E072 AFSC to apply	

**AREAS OF CONSIDERATION**

**Category A: Current members of the Colorado Air National Guard**  
**Category B: Fully qualified nationwide applicants (all members eligible to transfer to the COANG)**

**\*Must hold 3E072 AFSC to apply\***

*\*All applicants MUST meet the grade requirement and physical/medical requirements outlined\**

All applicants should be aware that the Colorado National Guard does not permit smoking in the work place. Smoking is permitted only in designated areas during scheduled breaks. Acceptance of an AGR position will cause termination from Selected Reserve Incentive Programs.

**Position Requirements:**

1. PCS funding is available.
2. Position is located at Buckley SFB, Aurora, CO.
3. Current COANG AGRs must bring their AGR resource with them to this position.

**Duties and Responsibilities:**

1) Aircraft Arresting Systems:

- (a) Performs daily, weekly, and monthly inspections, and off-equipment maintenance, on aircraft arresting systems. Accomplishes gasoline engine rebuilding to include removal and replacement of clutches, carburetors, starters, distributors, fuel pumps, springs and other integral parts. Checks and/or adjusts valves, bearings, cams, bushings, gear boxes, sprockets, chains and fairlead beam components. May do stripping, sanding and painting of aircraft arresting systems. Uses test equipment such as voltmeters, megohmmeters, ampmeters, ohmmeters continuity tester, feelergage and other test equipment. Solves all repair or maintenance problems using technical drawings, wiring diagrams, schematic drawings, and technical orders.
- (b) Replaces nylon tapes and steel wound cables due to wear, time change, or excessive aircraft engagement as directed by technical orders. Performs maintenance on the BAK-14 aircraft arresting system such as rebuilding cable support arms and air cylinders and the replacement of worn parts (cable support blocks, wire rope, springs, etc.). Troubleshoots BAK-14 solid state controlled heating systems and position control systems and replaces heater elements, mercury switches, and solid state heater control units. May be required to operate and troubleshoot radio control systems for the BAK-12/14. Must be able to deal with limited runway time while troubleshooting and performing maintenance on the BAK-12/14.
- (c) Coordinates all aircraft arresting systems duties which requires access to active runways with FAA, Air Traffic Control Facility Manager, Flight Safety Officer and Airport Manager.
- (d) Schedules and coordinates exercises to practice rewind procedures and operations and annual certification engagements. May be required to install portable aircraft arresting systems worldwide.
- (e) Trains traditional guardsmen in the operation and maintenance of aircraft arresting systems; as well as training fire personnel in rewinding and resetting aircraft arresting systems. Trains other personnel in day-to-day maintenance checks and repairs for backup manpower.
- (f) Maintains records for documentation of preventive maintenance, repairs, tape and cable life, and all aircraft engagements. Maintains records which includes daily inspections through 10 year overhaul and special inspection records. Maintains current technical order and regulations files for aircraft arresting systems and emergency power generators.
- (g) Establishes and controls "Special Level" and bench stock, spare parts, and supplies to expedite the repair and maintenance of aircraft arresting systems.

(h) Prepares for and participates in various types of readiness evaluations such as ORI, IG, and MEI inspections, mobility and command support exercises. May be required to perform additional duties such as snow removal.

(2) Electrical Power Production Systems:

(a) Installs, repairs, maintains, and modifies electrical power production equipment. Performs repair of components such as fixed gasoline or diesel engines, generators, centrifuges, starter motors, and associated generating and distributing equipment. Conducts tests of equipment using voltmeters, ammeters, ohmmeters, continuity testers, feeler gage and other test equipment. Adjusts and calibrates components to assure optimum operating efficiency within design limitations.

Modifies equipment in accordance with manufacturer's specifications and other technical publications. Accomplishes difficult operating and repair tasks beyond capability of senior workers.

(b) Maintains and repairs electrical generating equipment. Performs inspection, maintenance, and major modifications; troubleshoots complex repair situations; and performs other maintenance on electric power generating equipment. Bench checks reparable components and subassemblies of electric power generating equipment by using test equipment standards, load banks and other equipment standards as may be required by technical data. Determines extent of repair/rebuild and accomplishes same. Tests and calibrates repaired gauges, controls and meters to assure adequacy and reliability. Interprets maintenance malfunction data related to the electrical power generating systems.

(c) Inspects electrical power production equipment. Analyzes malfunctions by visual or auditory inspection, observation of operation and use of test equipment. Interprets inspection findings and determines adequacy of corrective action. Inspects completed or in-progress work to assure compliance with standard operating procedures and technical publications.

(d) Advises on technical problems of installation and repair of electrical power production equipment. Solves complex maintenance problems by studying layout drawings, wiring diagrams, schematic diagrams, and analyzing construction and operating characteristics of electrical generating plants and equipment. Devises and establishes maintenance and operating procedures to ensure maximum efficiency of operation and electrical power production plants. Diagnoses recurring malfunctions and recommends repair procedures necessary to correct defective equipment. Establishes maintenance and operating procedures.

(e) On weekend duty, assures compliance with published directives, work standards and technical publications. Conducts on-the-job training.

(f) Operates standby units during commercial power failures and performs operational checks, inspections, services, and makes emergency repairs of standby units in the field to ensure uninterrupted power services to facilities during power outages. Determines that generators selected to provide emergency power are compatible with facilities' power requirements in terms of size, voltage, phase, etc.

(g) Instructs other base activities in procedures for operating power generators during emergencies.

(h) Assists electrician and power line personnel in the various phases of installation, trouble shooting and repair. Subject to emergency calls as required during nonduty hours.

(3) Performs other duties as assigned.

**INSTRUCTIONS/INFORMATION FOR APPLICANTS**

<p>Applicants must not be entitled to receive Federal military retired or retainer pay or Federal civil service annuities and not be eligible for immediate Federal civil service annuities.</p>	<p>Individuals who have been separated from other military services for cause, unsuitability, or fitness for military service are not eligible to enter the AGR program.</p>	<p>IAW ANGI 36-101 “Initial tours may not exceed 6 years...” AGR tours may not extend beyond an Enlisted member’s ETS or an Officer’s MSD.</p>
<p>In order to properly manage the promotion opportunities and proper career management in the AGR program, Colorado HRO force management policy considers an applicant’s total active federal military service (TAFMS) as a factor in hiring. The organizational standard is &gt;8 years for entry as an E7 or O4, &gt;12 years for entry as an E8 or O5, and &gt;16 years for entry as an E9 or O6. This is a baseline standard that may be waived on a case-by-case basis provided the waiver is in the best interest of the organization. If applicable, the selecting supervisor will seek a waiver on the applicant’s behalf; applicants have no responsibility to seek a waiver to this policy.</p>	<p>Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in AFI 48-123, <i>Medical Examination and Standards</i>. They must also be current in all Individual Medical Readiness (IMR) requirements to include immunizations. RCPHA/PHA and dental must be conducted not more than 12 months prior to entry on AGR duty and an HIV test must be completed not more than six months prior to the start date of the AGR tour. Individuals transferring from Title 10 (Regular Air Force or Reserve Component Title 10 Statutory Tour) are not required to have a new physical unless the previous physical is over 12 months old at time of entry into AGR status.</p>	<p>An applicant’s military grade cannot exceed the maximum military authorized grade on the UMD for the AGR position. Enlisted Airmen who are voluntarily assigned to a position which would cause an over-grade must indicate in writing a willingness to be administratively reduced in grade in accordance with AFI 36-2502, <i>Enlisted Airman Promotion/Demotion Programs</i>, when assigned to the position. Acceptance of demotion must be in writing and included in the assignment application package.</p>
<p>ANGI 36-101 “applicant must be able to complete 20 years of active federal service prior to MSD for officers and age 60 for enlisted members. Exceptions may be considered....”</p>	<p>This vacancy announcement may be used to create an order of merit list (OML) from which additional like vacancies may be filled without further competition. Applicants may remain on this OML for up to 90 days.</p>	<p>Any further questions regarding the AGR program may be answered in ANGI 36-101.</p>

**APPLICATION PROCEDURES**

- Complete applications must be received no later than 2359 Mountain Time on the close date.
- Applicants without email access may make special arrangements to deliver applications by contacting the Air AGR Office via one of the methods below.
- Applicants may include copies of training certificates or any additional documentation they feel is applicable to the position for which they are applying.

**UNSIGNED OR INCOMPLETE PACKAGES WILL BE DISQUALIFIED**

**Required Documents:**

1. NGB Form 34-1, version 20131111 <https://co.ng.mil/jobs>
2. Military Resume (Cover letter optional)
3. Current (within 30 days) Records Review RIP (available on vMPF via AF Portal)
4. Current and passing Report of Individual Fitness from MyFSS (must be current as of the close date of the announcement)
5. Applicants who are NOT a member of the COANG must submit: [Job Application Prescreen Packet](#) (located under Forms tab on CONG jobs website: <https://co.ng.mil/jobs>)

**Attach all files as original pdf documents (not scanned) individually or in a single pdf portfolio. Job Application Prescreen Packet may be scanned if necessary.**

Email applications to: [140.wg.hro.agr.office.org@us.af.mil](mailto:140.wg.hro.agr.office.org@us.af.mil)

**Applicants will receive confirmation of receipt and qualification status once the application is processed. If you do not receive confirmation within five business days, please contact [140.wg.hro.agr.office.org@us.af.mil](mailto:140.wg.hro.agr.office.org@us.af.mil).**

**REMARKS**

Federal law prohibits the use of government postage for submission of applications.

**The Colorado National Guard is an equal opportunity employer.**

All applicants will be protected under Title VI of the Civil Rights Act of 1964. Eligible applicants will be considered without regard to race, age, religion, marital status, national origin, political affiliation or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC/MOS some positions may have gender restrictions.

Potential for promotion in the position is contingent upon assignment to the appropriate UMD grade, compliance with ANGI 36-101 grade compatibility requirements and, if applicable, the availability of an AGR control grade. Selection for the position at a higher grade does not automatically constitute the immediate availability of an AGR control grade required for promotion to the higher grade.