



**Colorado Air National Guard  
Active Guard Reserve (AGR)  
Position Announcement #  
COANG 24-380**



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

<b>POSITION TITLE:</b> <b>E&amp;E Systems Mechanic</b>	<b>DAFSC:</b> 2A676	<b>OPEN DATE:</b> <b>10 Dec 2024</b>	<b>CLOSE DATE:</b> <b>20 Jan 2025</b>
<b>UNIT OF ACTIVITY/DUTY LOCATION:</b> <b>140th Maintenance Squadron Buckley Space Force Base, CO 80011</b>		<b>GRADE REQUIREMENT:</b> <b>Minimum: E3 Maximum: E6</b>	
<b>SELECTING OFFICIAL:</b> <b>MSgt Michael Giles Comm: 720-847-9543 DSN: 847-9543</b>	<b>(HRO Use Only)</b> 114705434 AVAILABLE: 01 FEB 2025	<b>QUALIFICATION REQUIREMENTS:</b>  <b>*Must hold 2A6X6 AFSC to Apply*</b>	

**AREAS OF CONSIDERATION**

**Category A: Current members of the Colorado Air National Guard**  
**Category B: Fully Qualified Nationwide Applicants (those eligible to transfer to the Colorado ANG)**

**\*Must hold a minimum 5-level in 2A6X6 to Apply for this position\***

*\*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 workplace. 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. Position is located at Buckley SFB, Aurora, CO. BAH will be calculated off 80011 Zip.
2. Must have SECRET Security Clearance
3. Must have a current/passing Fitness Assessment
4. Ability to work combination of shifts 5/8's 4/10's

**Duties and Responsibilities:**

1. Performs functional tests, analyzes performance and troubleshoots the electronic, electrical, hydraulic, pneumatic and mechanical functions of the subsystems integrated into the digital brake/anti-skid 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.), on board computers, aircrew debriefings and specialized test equipment. The electrical system includes the electrical power generation and distribution system, the fire detection and extinguishing system, the ice and rain protection system, the landing gear system, the interior and exterior lighting system, the oxygen generation and distribution system, and the auxiliary power system. The environmental system includes compression, distribution, pressurization, heating, cooling, temperature control, moisture/air contamination control, and liquid cooling requirements.
2. Removes, repairs, calibrates, installs, aligns, inspects, and conducts operational performance checkouts on the components of the electronic/electrical and environmental systems. 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 isolate 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 multi-meters, constant speed drive test stands, voltmeters, ammeters, etc. Performs precise and advanced wiring maintenance procedures on aircraft. Utilizes computer data and specialized test equipment to interpret equipment analog/digital operational characteristics to isolate malfunctions in the appropriate sub-systems. Interprets electronic terms and symbols, and applies a variety of electronic formulas, tables and charts in order to perform fault isolation and repairs to systems and sub-systems, such as the 1553 data bus's, BUS Interface Unit (BIU), BUS Adapter Unit (BAU), F-16 Electrical Multiplexing

System (EMUX), the C130J Enhanced Cargo Handling/Aerial Delivery System (ECHS/ADS) and the F-15 Engine Modification from the PW100-200 to the PW100-220 which incorporates a Digital Electronic Engine Control (DEEC).

3. 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.
4. 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.
5. Inspects, tests and performs operative maintenance on cryogenic and gaseous oxygen and nitrogen servicing equipment. Can provide a thorough inspection of the complete electronic/electrical and environmental, and other systems, of the aircraft during special and phase inspections.
6. 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.

## 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 is optional)
3. Current (within 30 days) 8 page 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-out date of this announcement)
5. Provide Last 2 EPR/EPB, if applicable.
6. Applicants who are NOT members of the COANG must submit: **Job Application Prescreen Packet** (located under Forms tab on CONG jobs website: <https://co.ng.mil/job>)

**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)**

For questions regarding AGR application procedures, please contact the Air AGR Office via email at [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.