



Colorado Air National Guard - Active Guard Reserve (AGR) Announcement
 COLORADO NATIONAL GUARD
 6848 SOUTH REVERE PARKWAY
 CENTENNIAL, COLORADO 80112-6709

ANNOUNCEMENT NUMBER: 26-334

DATE: 27 May 26

CLOSING DATE: 10 Jun 26

POSITION TITLE, POSITION NUMBER, MAXIMUM AUTHORIZED MILITARY GRADE AND AFSC:
Electronic and Environmental Systems Mechanic, Position #: 147054, E6, 2A67

APPOINTMENT FACTORS:	OFFICER()	WARRANT OFFICER()	ENLISTED(X)
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LOCATION OF POSITION:
 MAINTENANCE SQUADRON
 BUCKLEY, CO, 80011-9599

WHO MAY APPLY:
 Must be a current COANG AGR within the grades of E5-E6 and possess the 2A676 AFSC

AREA OF CONSIDERATION: This position is open to current members of the Colorado Air National Guard in the grades of: E5 to E6 (Unless otherwise specified in "WHO MAY APPLY" above). Individual selected will receive an Active Guard Reserve (AGR) Tour with the Colorado Air National Guard. In order to be considered for this position applicants must meet minimum qualifications as outlined on this announcement.

INSTRUCTIONS FOR APPLYING: The documents listed **WILL** be submitted "AS A MINIMUM". If any of the required documents are not reasonably available to you, a brief Memorandum For Record (MFR) will be submitted citing the documents missing with a short explanation necessary to certify the airman as eligible. **Failure to do so may result in a finding of ineligibility and may cause the applicant to lose consideration for this position.**

1. *Air AGR Requirement* Signed NGB 34-1, version 20131111
2. *Air AGR Requirement* Current (within 30 days) 8-page Records Review RIP printout (Available on vMPF)
3. *Air AGR Requirement* Military Resume (Cover Letter Optional)
4. *Air AGR Requirement* Current and passing Report of Individual Fitness from myFitness (must be current as of close date on Announcement)

POSITION COMPATIBILITY REQUIREMENTS:
The individual(s) must be a projected member of the Colorado Air National Guard and qualify for and be placed in the following compatible AFSC/AOC prior to receiving AGR orders: 2A67

- MINIMUM APPOINTMENT REQUIREMENTS:**
1. Must have 2A676 AFSC to Apply
 2. E5 applicants must be promotable.

BRIEF JOB DESCRIPTION:
 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/Arial 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. 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.
- (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.
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SELECTING SUPERVISOR:

MSgt Michael Giles

APPLY FOR THIS POSITION ON THE FTSMCS WEBSITE: [FTSMCS](#)