



## CONNECTICUT AIR NATIONAL GUARD HUMAN RESOURCE OFFICE

375 Smith Street  
Middletown, CT 06457



### ACTIVE GUARD RESERVE (AGR) – MILITARY VACANCY ANNOUNCEMENT #24-048

**OPEN DATE: 26 November 2024**

**EXPIRATION DATE: 10 December 2024**

**Open To: Nationwide**

**Number of Positions:** 1  
**Position Title:** Aircraft Engine Mechanic  
**Unit/Duty Location:** 103d MXS, East Granby, CT 06026  
**Min/Max Grade Authorized:** A1C/E3 through TSgt/E6  
**Duty AFSC:** 2AXXX  
**Security Clearance:** SECRET

**\*Grade and AFSC requirement must be met prior to application.**

**Job Summary:** The primary purpose of this position is to maintain, troubleshoot, remove, repair, install, certify, test and perform operational checks on the turboprop engines, propellers, and associated propulsion system components.

**The major duties include, but are not limited to:**

- Removes, installs, certifies, repairs, modifies, overhauls, and installs turboprop engines, reduction gear boxes, turbine modules, compressor modules, auxiliary power units, propellers and related propeller components as required. Performs maintenance on all propulsion systems including troubleshooting and diagnosing defects, certifying, conducting bench checks, performing in-shop and on-equipment repairs and overhauls. Diagnoses malfunctions using computerized test equipment, schematic diagrams, technical publications and performs the appropriate repair according to the test results and analysis. Determines the extent of disassembly necessary to repair, overhaul, replace and certify all engine, propeller and auxiliary power unit parts. Cleans and inspects engine and propeller component parts such as turbines, gearboxes, blades, gears, bearings, etc. Assembles engines, propellers and auxiliary power units, adhering to prescribed procedures, torque values, safety methods and clearances. Troubleshoots propellers using electric and hydraulic test stands to check for proper operation and evidence of oil leakage.
- Modifies engines, propellers, auxiliary power units, and components in accordance with Time Compliance Technical Orders (TCTO) directives; removes and installs engine quick change kits; prepares engines for installation and installs engine and propeller assemblies on aircraft. Evaluates technical problems of repair, overhaul, modification and installation of aircraft propulsion systems. Solves all types of maintenance problems and performs bench checks and test engine and propeller assemblies for serviceability.
- Performs operational checks of installed propellers, engines, auxiliary power units and sub-systems during aircraft maintenance ground runs in accordance with approved checklists. Employs test equipment such as computer borescope, fuel pressure gauges, air pressure gauges, and alignment fixtures. Utilizes special tools and precision measuring equipment, high-pressure hydraulic test equipment, and electronic test equipment.
- Performs isochronal and special evaluations on engines, propellers and auxiliary power units. Interprets certification findings and determines adequacy of corrective action. Certifies installed and repaired engines for compliance with technical publications.
- Performs aircraft full power runs and complete engine and propeller efficiency checks. Clears Red X symbol documentation on engine and propeller related components. Performs fixed and mobile test stand functions (which may include maintenance of engine test cell facility); installs special test equipment; performs pre-operational and post operational checks.

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## MINIMUM QUALIFICATION REQUIREMENTS

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1. Air National Guard, Air Force Reserve or the United States Air Force members who have not achieved a passing Fitness Assessment score are ineligible for entry into the AGR program.
2. Air National Guard members must meet the physical qualifications outlined in DAFMAN 48-123 prior to entry on AGR duty.
3. An applicant on a medical profile may apply for AGR tours as long as meet the aforementioned requirement and subsequently are medically cleared off any DLC/medical profile prior to starting a new AGR tour.
4. For advertisements where the AFSC is not required prior to application, applicants must meet minimum ASVAB requirements for the advertised position.
5. Must meet any Special Requirements as specified in the Position Description.
6. Failure to obtain and maintain a SECRET or TOP SECRET (if applicable) security clearance will result in removal from the AGR program.
7. Selected individual must extend/re-enlist for a period equal to or greater than initial tour end date.
8. IAW ANGI 36-101, paragraph 5.3., to accept an AGR position, an applicant's military grade cannot exceed the maximum military authorized grade for the AGR position. Overgrade enlisted applicant must indicate, in writing, the willingness to be administratively reduced in grade when assigned to the position.
9. IAW ANGI 36-101, paragraph 5.7, an individual must not have been previously separated for cause from active duty or previous Reserve Component AGR tour.
10. IAW ANGI 36-101, paragraph 5.10, applicants should be able to complete 20 years of active federal service prior to Mandatory Separation Date (MSD). Individuals selected for AGR tours that cannot attain 20 years of active federal service prior to reaching mandatory separation must complete a Statement of Understanding contained in Attachment 3 of ANGI 36-101.
11. IAW ANGI 36-101, paragraph 6.6.1., members should remain in the position to which initially assigned for a minimum of 24 months. TAG may waive this requirement when in the best interest of the unit, State, or Air National Guard.
12. Entry/retention requirements for AFS are outlined in the AFECD/AFOCD.

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**Length of Tour:** Initial AGR tour orders are probationary. The probationary period will not exceed six years. Follow-on tour will not exceed six years and will not be extended beyond an enlisted Airman's Expiration Term of Service (ETS) or an Officer's Mandatory Separation date (MSD).

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## APPLICATION REQUIREMENTS

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1. One signed original NGB Form 34-1 dtd 20131111 (Application for Active Guard/Reserve Position). Add primary email address in "Current Home Address Line".
2. Current Report of Individual Personnel (RIP); with minimum Secret Clearance. If secret clearance is expired (may not be older than 10 years from closing date) you must obtain security memo from the Wing security manager.
3. Passing report of individual Fitness results from the Air Force Fitness Management System (AFFMS) (not more than 12 months old from closing of advertisement).
4. AF Form 422 Notification of AF Member's Qualification Status (not more than 12 months old).
5. Statement of all active service performed. Any of the following documents may be used: NGB Form 22, 23A or 23b, DD Form 214's, or DD Form 1506 (Statement of Service).
6. Copy of State Civilian Driver's License.
7. Certificates of Training applicable to advertised position (Optional).
8. Overgrade Letter of Understanding (If applicable).
9. Professional resume including duty history.

### APPLICATION PACKAGE:

**Please ensure the package is in one single PDF and in the order of requirements above.** Applications are being accepted for Active Guard/Reserve (AGR) tour/duty under Title 32, Section 502f, United States Code. **All MVA questions should be directed to POCs below.**

**APPLICATIONS MUST BE SENT VIA EMAIL TO BOTH THE INDIVIDUALS BELOW.**

**PLEASE ADD THE MVA NUMBER TO THE SUBJECT LINE.**

[Mrs. Caitlin Barkman; 860-292-2573; caitlin.barkman@us.af.mil](mailto:caitlin.barkman@us.af.mil)

[MSgt Ashlynn Stone; 860-292-2443; ashlynn.stone@us.af.mil](mailto:ashlynn.stone@us.af.mil)

[Mr. Jose Lara; 860-613-7616; jose.p.lara5.mil@army.mil](mailto:jose.p.lara5.mil@army.mil)

[SFC Nicole Vassallo; 860-613-7617; nicole.j.vassallo.mil@army.mil](mailto:nicole.j.vassallo.mil@army.mil)

[CW4 Daniel Serbyn 860-613-7608; daniel.j.serbyn.mil@army.mil](mailto:daniel.j.serbyn.mil@army.mil)