



VIRGINIA AIR NATIONAL GUARD
NATIONWIDE AGR VACANCY ANNOUNCEMENT



ANNOUNCEMENT # 21-12-03 AF

POSITION TITLE: Aircraft Fighter Integrated Avionics
Mechanic

GRADE: A1C/E-3 NTE MSgt/E-7

AFSC: 2A3X5

LOCATION: Joint Base Langley-Eustis, VA

UNIT: 192d AMXS

OPENING DATE: 15 Dec 2020

CLOSING DATE: Until filled

WHO MAY APPLY:

Open to all AGR/Military Technician/Traditional (DSG) Airmen in grades **A1C/E-3 NTE MSgt/E-7** who are members of the Virginia Air National Guard, or who are eligible to become members of the Virginia Air National Guard (NATIONWIDE).

CROSS TRAINING AUTHORIZED: N

REQUIRED QUALIFICATIONS: Must meet all selection criteria IAW ANGI 36-101 Chapter 5, AFI 36-2905, AFI 48-123.

BRIEF DESCRIPTION OF DUTIES AND RESPONSIBILITIES: Performs scheduled and unscheduled maintenance on one or more multi-complex electronic integrated systems. Completes operational checks, inspections, tests, trouble shooting, removal and replacement of Line Replaceable Units (LRUs) which are linked with integrated systems and LRUs which are independent or associated with nonintegrated systems. Isolates unusual malfunctions using technical orders, schematics, wiring diagrams, tools, and test equipment including automatic test equipment and Flight Line Test Systems (FLTS). Solves complex problems by analyzing installation, circuitry, and operating characteristics of the systems. Adjusts and aligns system sensors, transmitters, amplifiers, power supplies, display devices, controls, transponders, actuators, servos, computers and other related components. Installs serviceable components into aircraft and performs total systems alignment and harmonization in accordance with existing technical orders and directives. Accomplishes technical order compliances, modification of components/systems and completes thorough system checks for proper operation. Maintains, modifies, calibrates and inspects a wide variety of user test, measurement, and diagnostic equipment (TMDE). Installs, modifies, overhauls, maintains, troubleshoots, repairs, rebuilds, aligns, and calibrates complete electronic avionics multi-systems control. Demonstrates a thorough working knowledge of complex aircraft avionics and or ECM systems such as the electronics package in a highly automated aircraft where the integrated flight and Integrated Countermeasures System, electronic multiplex communications bus, Inertial Navigation System, multi-function displays, head-up display, data transfer equipment, Global Positioning System, Situation Awareness Data-Link (SADL), Data Modem, Flight Control System, pitot-static system and related instrumentation, flight director instrumentation, Central Air Data Computer, engine, hydraulic and fuel quantity indicating systems, voice message warning, VHF, UHF, SATCOM Data, intercom, secure voice communications, Identification Friend or Foe (IFF), and Tactical Air Navigation System (TACAN). Evaluates operational characteristics of the integrated systems by observing and analyzing waveforms, voltage, current, power indications, computer registers and printouts. Analyzes the malfunctions encountered through fault codes, determines repair

sequence process and performs the repairs. (30%) 2. Reviews and analyzes maintenance data; determines if criteria are sufficient to provide adequate test, troubleshooting and repair procedures; devises and recommends tests, procedural changes, or data corrections. Aligns, adjusts, and performs final calibrations on integrated systems to determine successful repairs. Analyzes equipment failure and malfunctions and suggests changes to improve operation. Monitors the operation of complex, interrelated systems, analyzes operating trends, proposes preventative maintenance down time to assure continued operating capability, and recommends components for overhaul or engineering evaluation for disposal. Applies technical data and equipment specifications to determine the impact that equipment modifications or substitutions will have upon integrated multi-system operations and various maintenance alignment procedures. Uses algebraic and trigonometric functions to adapt standard formulas to the specific requirements of the integrated system. Installs, operates, and repairs prototype or experimental electronic systems such as inertial navigation, automatic flight control as assigned. Advises Aerospace Engineering personnel on the operation and maintenance effects of proposed Time Compliance Technical Orders (TCTO) modifications on new or existing equipment. Interacts directly with aircrews for mission/sortie debrief and enhanced system troubleshooting. (20%) 3. Troubleshoots operational malfunctions and analyzes system performance utilizing aircrew debrief data, Technical Orders, schematic and wiring diagrams, engineering drawings, data analysis, common and system-specific test equipment and built in system tests.

SPECIAL INFORMATION

1. Except for mobilization or other emergency, member accepted for tour will not be subject to permanent change of duty location without his/her consent. Retention in the program will be subject to continued satisfactory performance as determined by the supervisor and/or commander.
2. Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in AFI 48-123, Medical Examination and Standards. 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.
3. IAW ANGI 36-101, para 5.5. AGR Airmen are subject to the provisions of ANGI 10-248, Air National Guard (ANG) Fitness Program until superseded by AFI 36-2905, Fitness Program. Airmen must meet the minimum requirements for each fitness component in addition to scoring an overall composite of 75 or higher for entry into the AGR program. For members with a documented DLC which prohibits them from performing one or more components of the Fitness Assessment, an overall "Pass" rating is required.
4. Existing ANG promotion policies apply and grade ceilings established by ANGI 36-101.
5. At the option of supervisor/nominating official, applicants are subject to personal interview upon notification of time and place. Necessary travel is at applicant's expense.
6. Airmen who voluntarily resigned from the AGR Program in lieu of adverse personnel actions, or who have been involuntarily separated from the AGR Program are not eligible to reenter the program.
7. All notifications of selection are conditional until verification of security clearance, medical clearance and HRO approval.

APPLICATION PROCEDURES

Interested applicants must submit the following documents in **ONE SINGLE PDF** package (you

can use the adobe portfolio function). **INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED.**

1. **Completed** NGB Form 34-1, Application for Active Guard/Reserve (AGR) Position <https://www.ngbpmc.ng.mil/Forms/NGB-Forms/>
2. Current Report of Individual Personnel (RIP)/Records Review, dated within last 30 days (Go to vMPF, select "Self Service Actions", select "View/Print All Pages", then print as pdf).
3. Current Individual Fitness Report from the Fitness Management System
4. Current Point Credit Accounting Report System (PCARS) (in vMPF select "Self Service Actions" link, then select "Personal Data", select "ANG/USAFR Point Credit Summary Inquiry (PCARS)" and then finally select "View All" to print as pdf); if Active Duty submit the equivalent form of an AF 1613 or Statement of Service
5. Current EPR; if you do not have one, need a letter of recommendation or performance from the military command. (Or service equivalent evaluation)
6. Branch equivalent documents authorized.

EEO POLICY STATEMENT: Consideration for this position will be without regard to sex, age, handicap (except where required by military regulations), race, color, national origin, religion, lawful political affiliation or membership/non-membership in an employee organization.

Submit applications directly to 192 SS/FSF-HR, 165 Sweeney Blvd, Suite 206, Joint Base Langley-Eustis, Virginia 23665 or by email: Va_ANGJobs@us.af.mil; kristen.powers@us.af.mil; tunisia.stephens@us.af.mil; nichelle.k.hackney.mil@mail.mil.

POC FOR ADDITIONAL INFORMATION: MSgt Nichelle Hackney at nichelle.k.hackney.mil@mail.mil, and CW4 D'Juana Goodwin at djuana.l.goodwin.mil@mail.mil.