Position Description:

a. Operates, analyzes performance, troubleshoots, inspects, installs, maintains, overhauls, repairs and modifies operational ordnance system(s) and subsystems consisting of numerous complex electronic components in fighter aircraft. Examples of individual subsystems or components are: computerized stores management systems or programmable armament control systems, fire/control avionics, fire control sensing, targeting systems, digital multiplex data bus systems, electronic countermeasures equipment, weapons/avionics video display systems and discrete weapons/avionics systems and ensures compatibility of systems and their interfaces through operational test, system alignment and harmonization.

b. Analyzes performance and isolates malfunctions to individual subsystems and or components of bombing/navigation, fire-control/weapons delivery, weapons multi-sensor displays and external electro-mechanical weapons systems, electro-optical targeting pod/weapon interfaces, R/F electronic countermeasures systems, target radar tracking and missile tracking radar. Reviews and analyzes aircrew debriefs and data transfer equipment information to aid in resolving in-flight discrepancies encountered and isolates unusual system anomalies within the complete system using technical manuals, schematics, logic and wiring diagrams, tools and test equipment including automatic test equipment. Solves aircraft ordnance malfunctions by analyzing the installation, circuitry and operating characteristics of the electronic ordnance system. Adjusts and aligns sensors, transmitters, power supplies, display devices, controls, actuators, servos, computers and other interrelated components. Performs bore sighting of the complete system to ensure alignment of all components of the electronic weapons delivery system such as radar, aerial gun system, pilot’s HUD, Angle Of Attack (AOA) and aircraft Inertial Navigation System (INS). Removes faulty LRU’s for shop repair and identifies faulty subassemblies such as bad circuit cards, random access memory, operational flight program (OFP) and various electronic circuits and installs serviceable components into aircraft. Inspects completed maintenance to ensure compliance of technical directives and initiates the necessary forms to ensure documentation is correct and entered in the aircraft historical records.

c. Removes, repairs, installs, inspects and conducts operational performance checkout of aircraft ordnance and isolates malfunctions and identifies if failures are in specific LRU’s, aircraft weapons, avionics multiplex data bus matrix assemblies, or aircraft digital data wiring. Removes faulty units (matrix assemblies) and isolates problems to failing component parts using self-test diagnostics, oscilloscopes, frequency meters, signal generators, digital and differential voltmeters, milliohm meters, computer registers, impedance analyzers/multiplex data bus test equipment, and other special and standard
tools and test equipment. Removes and replaces components or assemblies down to the smallest bit, piece, or module authorized, using special and common hand tools, special electronic instruments, and soldering devices along with high-reliability soldering techniques.

d. Loads/unloads, positions and safeties air munitions using applicable technical data and handling equipment. Tests suspension, launch and release systems to ensure proper manual/electrical release on equipment. Analyzes on equipment malfunctions and repairs systems and performs aircraft weapons systems functional checks utilizing system peculiar electronic testing equipment and special tools and tests the aircraft electronic circuitry for normal operation of the ordnance system and absence of stray electrical power.

e. Conducts off-equipment troubleshooting and functional checks of electronic weapons control systems to ensure proper manual/electrical release and fire sequence. Performs bench checks to determine extent of repair needed and accomplishes Time Compliance Technical Orders (TCTO) and modifications of components and software and tests for proper operation. Performs scheduled and unscheduled in-use/in-storage inspections and maintenance of on/off equipment components such as launchers, bomb racks, pylons, launcher adapters, gun systems and handling equipment and inspects equipment for serviceability and proper installation on aircraft of components such as suspension devices, launcher, bomb racks and pylons. Examines gun system for defects and removes, disassembles, inspects and repairs the entire gun system. Installs ordnance system on the aircraft and accomplishes operational checkout using hydraulic test stands and external electrical power. Performs scheduled/unscheduled disassembly, assembly, inspection, maintenance, modification, testing and repair of the Ammunition Loading Systems (UALS/ALS) and maintains the applicable forms and historical records for aircraft ordnance systems. Implements preliminary (advance) maintenance plans for assigned weapon systems and schedules immediate weapons maintenance for transient aircraft. Designates, maintains and monitors current weapons maintenance repair priorities of aircraft to ensure actuality and compliance with the flying schedules. Authorizes and assigns aircraft weapons maintenance jobs, job control numbers either manually or through a computerized maintenance system, work priorities and start and completion times for scheduled and unscheduled weapons configurations, weapons loads/unloads, functional checks and all other weapons system maintenance of aircraft. Responsible for the control and dispatch of weapons shop assignments. Monitors progress of job completion by dispatched personal and controls ordnance maintenance on assigned aircraft and related support and training equipment. Takes prompt and decisive action to make on-the-spot adjustments to weapons maintenance repair priorities necessitated by unscheduled maintenance requirements and incorporates all unscheduled maintenance into a daily plan. Continually keeps flight line expeditor updated on all aircraft status. Maintains visual aids depicting status of weapons maintenance actions in progress, weapons personnel availability and status of aerospace vehicles, training equipment, transportation and tow vehicles, munitions loads, arming of guns and munitions and location of aircraft. Maintains a visual daily flying schedule and notes deviations and cancellations of assigned aircraft ordnance.

f. Ensures all munitions are inventoried at the start and completion of the work shift. Ensures that all munitions expenditures are accurately tracked and recorded on applicable forms. When required will assist the munitions custodian of aircrew training munitions in conducting a weekly munitions inventory and reconciliation.

g. Coordinates with loading standardization and the weapons element supervisor for all load crew-training requirements and ensures only loading certified/qualified personnel are directed to perform weapons loading tasks and may be required to perform weapons expediting on the flight line.

h. Maintains and reviews publication files of applicable technical orders, regulations, manuals and local directives. Recommends and rewrites methods to improve maintenance procedures, technical data and equipment and initiates unsatisfactory equipment and (14) May be required to inspect, troubleshoot, test and maintain the Aerial Gunnery Target System. Analyzes, isolates and repairs off-equipment malfunctions of Aerial Gunnery Target Systems, target sets, digital control displays and associated equipment utilizing digital electronic test equipment and specialized tools. Services and maintains Aerial Gunnery Target System with gaseous nitrogen.

i. May be delegated authority to clear Red X on aircraft forms. Technical order deficiency reports.

j. Provides hands-on training instruction to lower graded personnel concerned with the repair of the electronic ordnance systems within the aircraft. May be required to perform additional duties as a production controller, quality assurance inspector, and bench stock monitor for the work center.

k. Processes and accounts for due in from maintenance (DIFM) supply assets and ensure materials and equipment are properly stored, protected and maintained and funds are not obligated for material or parts without proper justification.
1. Adjusts, installs and removes cartridges and squibs for tanks and pylons and chaff/flare systems. Adjusts and installs fusing devices in explosive air munitions. Removes and installs safeing devices on munitions and gun systems and operates Munitions Maintenance Handling Equipment (MMHE) and loading equipment.

m. Operates fault detection and digital test equipment. Evaluates pilot trouble reports to determine validity and the necessary repair actions. May be required to maintain certification as a weapons load crew chief or load crewmember.

n. May be required to perform additional duties such as launch/recovery aircraft servicing, firefighting, crash rescue duty or serve as a member of a team to cope with natural disasters or civil emergencies.

o. Performs other duties as assigned.

**Length of Tour:** Initial AGR tour orders are probationary. The probationary period will not exceed three 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).

**MINIMUM QUALIFICATION REQUIREMENTS**

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 AFI 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. Applicants who do not hold the duty AFSC for the advertised position must meet minimum ASVAB requirements.

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. Officers may not enter into the AGR program in an overgrade status.

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. IAW ANGI 36-101, paragraph 4.1.6.3., Applicants for E-8 positions must have completed the Senior Noncommissioned Officer Academy to apply for the AGR position.

13. Entry/retention requirements for AFS are outlined in the AFEC/AFOCD.
APPLICATION REQUIREMENTS

1. NGB Form 34-1, signed (https://www.massnationalguard.org/index.php/careers/available-positions.html)
3. AF Form 422: Must be obtained and verified within 6 months from your Medical Group
6. Pre-Employment Reference Check Form (https://www.massnationalguard.org/index.php/careers/available-positions.html; not required for permanent on-board AGRs)
7. Last 3 EPRs (AFPC Secure, PRDA; https://w45.afpc.randolph.af.mil/AFPCSecureNet40/CheckPortal.aspx)

☐ Applications must be submitted by email NLT 2359 on the advertisement expiration date.
☐ All required documents must be submitted as one .pdf file (no adobe portfolios please) to usaf.ma.104-fw.list.104fw-hroremote@mail.mil documents listed above
☐ ONLY submit the required documents above