

**AIR NATIONAL GUARD**  
Joint Force Headquarters  
187<sup>th</sup> FIGHTER WING, MONTGOMERY, ALABAMA  
117<sup>th</sup> AIR REFUELING WING, BIRMINGHAM, ALABAMA

**ACTIVE GUARD RESERVE (AGR) – MILITARY VACANCY ANNOUNCEMENT # 26-21**

**OPEN DATE: 16 December 2025**

**EXPIRATION DATE: 16 January 2026**

**OPEN TO: STATEWIDE**

**Number of Positions: 1**

**Position Title: AIRCRAFT STRUCTURAL MAINTENANCE**

**Func Code: 22FC7H**

**PEC#: 51411M**

**UMDA Position #: 3401104099**

**AFSC: 2A7X3**

**ASVAB REQUIRE: M47**

**Grade: AMN-TSGT**

**Security Clearance: SECRET**

**Unit/Duty Location: 117<sup>TH</sup> MAINTENANCE SQUADRON**

**Selecting Official: CMSGT KEVIN SARGENT**

**HRO Remote: MSGT SAMANTHA CROTZER**

## APPLICATION REQUIREMENTS

Signed NGB Form 34-1, [NGB Forms](#)

**Current Report of Individual Personnel (RIP):** Obtain from Virtual Military Personnel Flight (vMPF)

**AF Form 422:** Must be signed and verified within 6 months from your Medical Group

**Air Force Fitness Management System II (AFFMS II) Fitness Report:** Must be Current and passing

**All applications must be submitted with a completed AGR Eligibility Checklist, found in ANGI 36-101. Your unit's HRO Remote Designee or the appropriate FSS representative must complete this checklist.**

Email completed application packages to:

[Ng.al.alarnng.list.j1-air-mdm@army.mil](mailto:Ng.al.alarnng.list.j1-air-mdm@army.mil)

ATTN: CAPT FREDRIKA SANDERS

**\*All emailed packages must be in a single PDF\***

**JOB INTRO/TITLE:**  
**AIRCRAFT STRUCTURAL MAINTENANCE**

**SPECIALTY SUMMARY:**

Designs, repairs, modifies, and fabricates aircraft, metal, plastic, composite, advanced composite, low observables (LO) coatings, and bonded structural parts and components. Evaluates, installs, removes, and repairs LO coatings. Applies corrosion preservative treatments to aircraft, missiles, and support equipment (SE). Related DoD Occupational Subgroup: 160300.

**DUTIES AND RESPONSIBILITIES:**

2.1. Assembles and repairs structural and LO parts and components to meet requirements for preserving structural integrity and LO qualities. Assesses damage to aircraft structural components and LO coatings. Applies LO materials and coatings to aircraft. Assesses damage impacts to aircraft signatures. Performs assembly and repair on aircraft structures using special fasteners and adhesives. Inspects standard structural and LO repairs to ensure compliance with technical data specifications. Advises on structural and LO repair, modification, and corrosion protection treatment with respect to original strength, weight, and contour to maintain structural and LO integrity. Ensures aircraft component weight and balance is maintained. Inspects repairs for serviceability according to specifications and technical publications. Manufactures jigs, fixtures, forms, and molds. Uses metalworking equipment and tools to form, cut, bend, and fasten replacement or repair parts to damaged structures and components. Fabricates, repairs, and assembles cable and tubing assemblies for aerospace weapon systems and AGE/(SE). Maintains and inspects tools and equipment. Performs operator maintenance and service inspections on shop equipment and tools. Ensures lockout and tagout procedures are accomplished prior to performing shop equipment maintenance. Stores, handles, and disposes of hazardous waste and materials according to environmental standards.

2.2. Paints aircraft, missiles, and (SE). Identifies, removes, and treats corrosion using mechanical and chemical procedures. Applies corrosion protective and LO coatings. Applies aircraft paint schemes and markings. Removes Radar Absorbent Material (RAM) by sanding, scraping, or pulling using manual or powered methods. Fabricates repair parts from RAM utilizing cutting tools and adheres them to aircraft surfaces and fasteners using vacuum bags, fixtures, and other pressure-inducing processes. Applies scrim material to RAM and aircraft surfaces in preparation for RAM cover strip installation. Installs RAM cover strips to panel and skin gaps. Applies RAM pastes to aircraft surface gaps, voids, and sand/skives to ensure required contours. Repairs low-observable treatments on polycarbonate transparencies using edge sealing compounds, adhesives, primers, and conductive films. Performs repair actions to ceramic RAM coatings associated with engine hot areas and adjacent fairings using grit blasters and approved high temperature curing equipment. Inspects structures and components and determines operational status. Interprets inspection findings and determines corrective action adequacy. Posts entries and maintains maintenance and inspection records. Recommends methods to improve equipment performance and maintenance procedures. Uses automated maintenance systems. Inputs, validates, and analyzes data processed to automated systems. Clears and closes out completed maintenance discrepancies in automated maintenance systems.

2.3. Removes finishes and treatments by sanding, scraping, cutting, gouging, and pulling, using manual and powered methods. Sands surface finishes to specified depths and widths to prepare them for proper reapplication of finishes using manual and powered methods. Determines extent of damage and/or scope of task and performs finish and treatment removal tasks accordingly. Removes panel, door, and skin fasteners to gain access to aircraft interior and replaces fasteners following maintenance. Cleans aircraft exterior surfaces and gaps to prepare them for filler treatments, fairing materials, and other follow-on maintenance. Mixes multi-part adhesives, sealants, fillers, fairing materials, and organic topcoats. Uses maintainer-fabricated enclosures with environmental control units, heaters, and climate control equipment to stabilize repair sites. Applies, sands, and skives fillers and fairing materials to specifications for waviness, step condition, and aerodynamic smoothness. Applies organic low-observable topcoats and rain erosion materials using spray equipment, brushes, and rollers. Uses ambient and accelerated cure processes to cure adhesives, sealants, fillers, fairing materials, and organic topcoats. Uses planform alignment procedures to determine proper repair angles and dimensions for low observable finishes and treatments.

2.4. Inspects coatings, structures, and components to determine operational status. Interprets inspection findings and determines corrective actions. Posts entries and maintains maintenance and inspection records. Recommends methods to improve equipment performance and maintenance procedures. Uses Portable Maintenance Aids and automated maintenance systems. Evaluates structural damage to aircraft structures or items and applies appropriate repair procedures to include application of adhesive films, prepregs, foam, and tape, and scarfing, layup, vacuum bagging, and accelerated curing techniques. Performs inspection and repair procedures for graphite Bismaleimide resin, graphite epoxy woven fabric, and uni-directional assemblies to include the use of adhesive film, foam, tape, scarfing, lay-up, and bagging techniques associated with hot bonders. Selects core materials to complete repairs, makes templates to use as patterns, and assures proper ply orientation and de-bulking. Selects bond form and prepares tools; lay-up; mixes and applies two-part adhesives and sealants; installs temperature monitoring devices; cures adhesives; and otherwise completes repairs. Specifies curing process/specification to autoclave/curing oven operator for the part to be cured. Removes completed items from bond forms after the cure cycle. Inspects final assembly for visual damage or flaws. Inspects structures and components and determines operational status. Interprets inspection findings and determines corrective action adequacy.

## **SPECIALITY QUALIFICATIONS:**

- 3.1. Knowledge. Knowledge is mandatory of: aircraft and LO construction features; identification and characteristics of aerospace materials; repair of coating, LO materials, metal, tubing, cable, plastic, fiberglass, bonded honeycomb, and composite/advanced composite structural components; shop drawing and sheet metal layout techniques; shop mathematics; corrosion identification, removal, repair, and prevention; cleaning of coatings, LO materials and metals; application of protective coatings, LO materials, and markings; proper use, mixing, and storage of acids, solvents, alcohol, caustics, primers, and paints; and proper handling and disposal of hazardous waste and materials.
- 3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, algebra, chemistry, physics, mechanical drawing, and metal working is desirable.
- 3.3. Training. The following training is mandatory for award of the AFSC indicated:
- 3.3.1. For award of AFSC 2A733, completion of a basic aircraft structural maintenance course is mandatory.
- 3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
- 3.4.1. 2A753. Qualification in and possession of AFSC 2A733. Also, experience in functions such as fabricating, repairing, assembling, or installing aircraft metals, LO materials, plastics, fiberglass, composites, or honeycomb parts; or corrosion identification, removal, and applying coatings and markings.
- 3.4.2. 2A773. Qualification in and possession of AFSC 2A753. Also, experience supervising functions dealing with corrosion identification, prevention, and repair; applying protective coatings and markings; or fabricating, assembling, and repairing metal, fiberglass, composites, honeycomb, and plastics.
- 3.5. Other. The following are mandatory as indicated:
- 3.5.1. See attachment 4 for entry requirements.
- 3.5.2. For award and retention of these AFSCs: must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
- 3.5.2.1. Current special access for the specific weapon system program (F-22, F-35, B-2 or and/or B-21) is required IAW AFI 16-701, *The US Air Force Special Programs*, for assigned MDS. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment. Completion of a current T3 Investigation required IA DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*, is mandatory. Reinvestigation must be opened prior to expiration of current investigation.

## **ELIGIBILITY REQUIREMENTS FOR ENTRY INTO THE AGR PROGRAM:**

- Must be a member or eligible to become a member of the Alabama Air National Guard.
- Member will be required to hold a compatible military assignment in the unit they are hired to support.
- Member's military grade will not exceed the maximum military duty grade authorized on the Unit Manning Document (UMD) for the position.
- Member must meet the physical qualifications outlined in, Medical Examination and Standards (DAFMAN 48-123), Attachment 2 before being placed on an AGR tour.
- Member must have retain-ability to complete the tour of military duty.
- Member must not be eligible for or receiving a federal retirement annuity.
- Member must comply with standards outlined in DAFMAN 36-2905, Fitness Program to be eligible for entry into the AGR program.
- Member must meet all eligibility criteria in ANGI 36-101, The Air National Guard Active Guard and Reserve (AGR) Program.
- Member must hold required AFSC or be eligible for retraining (if applicable) **and meet all eligibility criteria in AFECD/AFOCD**

## **ADDITIONAL DUTIES**

- AGR members will participate with their unit of assignment during Regular Scheduled Drill (RSD).
- AGR tour lengths in the State of Alabama are at the discretion of the Squadron Commander.
- Initial tours will not exceed 6 years. Follow-on tours will be from 1 to 6 years, per ANGI 36-101
- To be considered for this position you must meet all minimum AFSC requirements to include the minimum ASVAB qualifying score.
- Scores are reflected on your personnel RIP.
- If your ASVAB score does not meet the minimum required IAW AFECD contact your servicing MPF.
- You have the option to retake the test.
- You must schedule your test date and receive your new scores prior to the announcement closing date.
- Selectee will be required to participate in the Direct Deposit Electronics Funds Transfer program.
- A law enforcement background check may be required prior to appointment to this position.
- By submitting a resume or application for this position, you authorize this agency to accomplish the check

## APPLICATION INSTRUCTIONS

**APPLICATIONS MUST BE SUBMITTED FOLLOWING THE INSTRUCTIONS ON THIS ANNOUNCEMENT.**

**\*\*\*\*\* INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED \*\*\*\*\***

### WRITTEN EXPLANATION IS REQUIRED FOR ANY MISSING DOCUMENTS

Current AGR members and those who wish to become an AGR must submit the following:

AGR Eligibility Checklist found in ANGI 36-101 ([see below](#)).

NGB Form 34-1, Application for Active Guard/Reserve (AGR) Position, Form Version Dated 11 November 2013

Announcement number and position title must be annotated on the form

Download the current form version from;

<http://www.ngbpdc.ngb.army.mil/forms/Adobe%20PDF-F/ngb34-1.pdf>

Current Report of Individual Personnel (RIP). Documents must show your ASVAB scores.

RIP can be obtained from the servicing Force Support Squadron (FSS)

In lieu of a RIP, applicant may provide a printout from the virtual MPF (vMPF)

Select 'Record Review', and then 'Print/View All Pages'

Copy of current passing physical fitness assessment. (From AF Portal, <https://www.my.af.mil/>)

AF Form 422, Physical Profile Serial Report <https://asims.afms.mil/imr/MyIMR.aspx> (CURRENT within 5 years, validated within 12 months, working copy is acceptable)

ALANG - Air Technicians interested in converting to AGR status:

Selection for the advertised position does not constitute acceptance into the AGR program.

Once notification of a selection is made, the individual is required to submit a request for AGR medical clearance through the Medical Group, to the State Air Surgeon.

The State Air Surgeon will evaluate the request and notify MDG of the member's medical clearance approval or denial.

The information below was taken from ANGI 36-101, 21 April 2022.

**5.3 Grade.** To accept an AGR position, an applicant's military grade cannot exceed the maximum military authorized grade on the UMD for the AGR position. Reference paragraph 6.6 for proper assignment to position/unit. Enlisted Airmen who are voluntarily assigned to a position which would cause an overgrade must indicate in writing a willingness to be administratively reduced in grade in accordance with AFI 36-2502, Enlisted Airman Promotion/Demotion Programs, when assigned to the position. Acceptance of demotion must be in writing and included in the assignment application package.

**5.4 Commissioning of Enlisted Member.** Enlisted personnel applying for officer positions must be eligible for commissioning upon application for AGR duty. Assignment to the AGR tour will not become effective until the individual receives a commission in the ANG and as a Reserve of the Air Force and has completed formal training for which an AFSC has been awarded

**5.5. Air Force Fitness Standards.** AGR Airmen are subject to the provisions of AFMAN 36-2905, *Air Force 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 Physical Fitness Assessment (PFA), an overall "Pass" rating is required and any DLC must be resolved prior to accession.

**5.6 Security Clearance.** AGRs must have a current favorable adjudicated personnel security investigation that is commensurate with their currently assigned AFSC. Local security representatives can provide verification of security clearance information using the Defense Information System for Security (DISS)

**5.7. Separated for Cause.** To be accessed in the AGR program, an individual must not have been previously separated for cause from a previous Reserve Component AGR tour or from any Active Component. Requests for waiver to this policy will be annotated on the AF Form 679 and routed to NGB/A1PP.

**5.8. Retainability for an AGR Assignment.** Enlisted personnel must obtain sufficient retainability to fulfill an AGR assignment.

**5.9. Sanctuary.** It is not the intent of the AGR program to bring non-career applicants into the sanctuary zone (18 to 20 years of TAFMS). Anyone whose order, whether active duty (AD) or full-time National Guard duty (FTNGD) other than for training, places them at 18 years or more of TAFMS will require a signed, approved sanctuary waiver in accordance with DAFI 36-2110, *Total Force Assignments*.

**5.10. Inability to attain 20 years TAFMS.** AGR applicants should be able to attain 20 years of TAFMS in the AGR career program. Waiver authority of this requirement is The Adjutant General, Commanding

General, or designee. Individuals selected for AGR tours that cannot attain 20 years of TAFMS prior to reaching mandatory separation must complete the Statement of Understanding contained in Attachment 3. The HRO will maintain the completed, signed Statement of Understanding.

**5.11. Medical Requirements.** Applicants for permanent, occasional or AGR deployment backfill tours must meet the requirements outlined in [Chapter 12](#).