

AIR NATIONAL GUARD
187TH Maintenance Squadron
187TH FIGHTER WING, MONTGOMERY, ALABAMA

ACTIVE GUARD RESERVE (AGR) – MILITARY VACANCY ANNOUNCEMENT # 22-012

OPEN DATE: 12 January 2022

EXPIRATION DATE: 11 February 2022

This announcement is open to all current members of the Alabama Air National Guard and those eligible for membership in the Alabama Air National Guard.

Number of Positions:	1
Title:	Sheet Metal Mechanic (Aircraft)
Position Number:	1C00974442
Minimum/Maximum Grade Authorized:	SrA - TSgt
Required ASVAB	Mechanical: 47
Duty AFSC:	2A7X3
Security Clearance: Unit/Duty	Secret
Location:	187 th Fighter Wing Maintenance Squadron
Selecting Official: MSgt Charles Mathews	
For more information about this position or the unit of assignment, please call: 334-394-7441	

Promotion to the highest grade may not be supported by the units manning authorizations.

APPLICATION REQUIREMENTS

NGB Form 34-1 (Application for Active Guard/Reserve (AGR) Position; Dated 11 Nov 13)

- Announcement number and position title must be annotated on the form (i.e. 21-XXX).

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

- RIP can be obtained from the servicing Force Support Squadron (FSS) or Virtual MPF (vMPF)
- Select Record Review and Print/View All pages (vMPF instructions)

Report of Individual Fitness (Must Be Current)

- myFitness Report: Must be Current and passing.

AF Form 422, Physical Profile Serial Report

- Must be signed and validated within 12 months from your Medical Group (working copy is acceptable)

DD 214 (Certificate of Release or Discharge from Active Duty)

- Former Active Duty members only

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.

Mail, hand carry, or email completed application packages to:

JFHQ-AL MDM
ATTN: MSG John Kilpatrick
john.d.kilpatrick.mil@army.mil
P.O. Box 3711
Montgomery, AL 36109-0711

All emailed packages must be in a single PDF

JOB INTRO/TITLE:

SHEET METAL MECHANIC (AIRCRAFT)

DUTIES AND RESPONSIBILITIES:

a. INTRODUCTION:

This position is located within a National Guard aircraft maintenance organization. Its primary purpose is to accomplish the inspection, repair, modification, installation and troubleshooting of sheet metal, fiberglass, bonded honeycomb and other structural materials and components as well as treatment (i.e., mechanical and chemical), and painting of missiles, aircraft powered and nonpowered Aerospace Ground Equipment (AGE), and monitoring aircraft and equipment washing.

b. DUTIES:

- (1) Independently inspects aircraft and determines the nature and extent of repairs to be made, using applicable technical orders as guidelines. Works directly on the aircraft and its components, fulfilling such tasks as removal, repair, modification and installation of parts and assemblies, such as frames, stringers, longerons, bulkheads, beams, ribs, spars, skin, cowling, brackets, faring, access doors, panels and other related items. May be required to clear red "X" conditions.
- (2) Repairs cracks in aircraft skin. Fabricates and fits patches to damaged areas, determining repair detail necessary to retain or restore original strength. Fits and trims components to aircraft such as landing gear doors, control surfaces, flaps access doors and other assemblies. Seals structures to make them pressure, water and weather tight.
- (3) Troubleshoots aircraft structural repair situations in such areas as fuselage, tails, wings, cowlings, and stabilizers. Removes, forms, fits, and installs highly stressed and double contoured skins, using hand or powered drilling and cutting tools and other metal working equipment. Determines shear and bearing load factors during rivet replacement. Installs heads up, regular, heat treated, high shear, and blind type aircraft rivets and fasteners, using pneumatic riveters, special tools and bucking bars. Removes damaged or broken fasteners and receptacles.
- (4) Aligns and balances component structures and airframe using precision measuring instruments and levels. Performs metal-to-metal bonding where delamination of surfaces and core material occurs in control surfaces.
- (5) Inspects damage or deterioration and determines repair or replacement of plastic, fiberglass, composites, bonded structures, and bonded honeycomb assemblies using powered and nonpowered tools and equipment. Repairs or replaces retaining frames and installs plastic laminated blanks. Designs and constructs forming fixtures.
- (6) Manufactures and ensures that metal tubing, conduits and cables are fabricated and tested in accordance with drawings and specifications. Fabricates and repairs flexible control cables.
- (7) Performs fabrication of local manufactured items required for aircraft and equipment. Work includes layout, bending, cutting, forming and assembling. Devise and calculates patterns employing the principles of triangulation, radial and parallel line development.
- (8) Sets up and operates power shears, brakes, rolls, dimpling machines, drill presses, saws, portable powered tools, specific detection and measuring equipment, and other metal working equipment, including use of other tools of the trade. Requisitions necessary supplies and equipment for the activity.
- (9) Prepares and designs layout, dies, jigs, and templates necessary to carry out fabrication repair or modification of aircraft, engine, AGE, and other equipment. Works from blueprints, technical orders diagrams, and work orders.
- (10) Identifies metal corrosion. Performs necessary testing to identify type corrosion present by examination with magnifying equipment, chemical and mechanical methods and treats aircraft engines, in accordance with applicable technical publications. Ensures that work assignments received from supervisor or maintenance control are accomplished in a timely manner.
- (11) Removes corrosion by mechanical and chemical procedures to include use of portable powered (electric and pneumatic) sanders, buffers, brushes, bead blasters, vacuum cleaners, scrapers, grinders, acids, caustics, solvents, alcohols and other agents used in corrosion control processes. Treats metal with chemical procedures, such as acids and caustics for passivation and etching, to protect metal from oxidation. Performs such functions as pickling of metals to prepare for good bonding with primer coat of protective materials.
- (12) Applies protective coatings, markings, and decals after proper removal of corrosion and treatment of metals. Uses conventional paint spray equipment, electrostatic spray equipment, brushes and special applicators when applying primers and surface coatings.
- (13) Identifies, blends, stores, controls, and disposes of hazardous materials such as acids, caustics, alcohols, solvents, cleaners, primers and surface coatings used for corrosion removal, treatment and protection in accordance with applicable directives.
- (14) May operate the wash rack. Accomplishes corrosion and washing inspections within schedule provided to ensure compliance with the monthly and weekly maintenance plan. May conduct training on proper methods and procedures of wash rack operations.
- (15) May assist in training of drill status guard members and in maintenance of publication files of applicable technical orders, Regulations, manuals and local directives.
- (16) Prepares for and participates in various types of readiness evaluations such as MEI, ORI, IG and UE inspections mobility and command support exercises. May be required to perform such additional duties as structural firefighting, aircraft fire/crash/Rescue/duty, security guard, snow removal, munitions loading and handling, heavy equipment operator, maintenance of facilities and Equipment, or serve a member of a team to cope with natural disasters or civil emergencies.
- (17) Performs other duties as assigned.

c. **SKILL AND KNOWLEDGE:**

Knowledge of aircraft design and structure as well as testing procedures and prevention of metal corrosion. Skilled in the use of various complicated tools and equipment. Knowledge of metal strength characteristics (annealing, tempering and normalizing) in the selection of the proper materials for repair.

d. **RESPONSIBILITY:**

Works under general supervision. Work is completed from written or oral instructions, blueprints, sketches, or personal inspection of the item or system to be manufactured or repaired. Plans own work and makes own templates when necessary using prescribed methods. Work is spot checked for quality and correctness.

e. **PHYSICAL EFFORTS:**

Works long periods of time exerting self when bending and shaping or constructing the more complex items. Lifts heavy equipment and components weighing up to 50 pounds and with assistance up to 100 pounds.

f. **WORKING CONDITIONS:**

Works inside and outside, in a variety of weather conditions; wet, slippery and icy roads, aircraft surfaces and work stands, in extreme temperature and humidity. Subject to the dangers from exposure to toxic fumes, high pressure air and fluids, fast actuating metal aircraft surfaces such as leading gears, speed brakes, missile doors and flaps, engine noise, heat blast, intake suction, rotating propellers, explosive munitions, electrical voltage, cartridge actuating device, liquid oxygen, fire or explosion of aircraft fuels, lubricants, paints, solvents and other hazardous material.

Special Requirements

This position requires an above average amount of TDY, member should possess a Government Travel Card upon hiring and placement. A memorandum of Government Travel Card "Good Standing" should be included in the application and signed by a direct supervisor. Those who do not currently possess a Government Travel Card will be required to apply for one prior to unit assignment. Because of the physical demands, all members must be in excellent physical condition. Applicant must possess or be able to attain, and maintain, a Secret Security Clearance. **All applicants must interview.**

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 AFECDC Attachment 4, 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

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 AFI 48-123, Medical Examination and Standards, 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 AFI 36-2905, Fitness Program to be eligible for entry into the AGR program.

Member must meet all eligibility criteria in ANGI 36-101, The Active Guard/Reserve Program.

Member must hold required AFSC or be eligible for retraining (if applicable) and meet all eligibility criteria in AFECDC/AFOCD

The information below was taken from ANGI 36-101, 03 June 2010.

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 a position/unit.

5.3.1. 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 ANGI 36-2503, *Administrative Demotion of Airmen*, when assigned to the **22 ANGI36-101 3 JUNE 2010** position. Acceptance of demotion must be in writing and included in the assignment application package.

5.3.2. Approval in writing from NGB/A1M is required prior to the accession of any O-6. In addition, any officer may not enter the AGR program in an overgrade status.

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.

5.5. Air Force Fitness Standards. 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.

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 Joint Personnel Adjudication System (JPAS).

5.6.1. AGR follow-on assignments will not be issued without a current favorable adjudicated security clearance investigation.

5.6.2. If a top secret security clearance is not held by Airmen selected for an AGR assignment that requires access to top secret information, the Airman must initiate a security clearance update. The AGR selectee must notify their unit security manager to initiate a new security investigation. The HRO/AGR Manager will not issue the AGR orders until security clearance upgrade is initiated and the member has a current favorable investigation.

5.7. Separated for Cause. To be accessed in the AGR program, an individual must not have been previously separated for cause from active duty or a previous Reserve Component AGR tour.

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 Total Active Federal Military Service (TAFMS)]. Anyone whose order [AD or FTNGD orders (other than training)] places them at 18 years or more TAFMS will require a signed and approved sanctuary waiver IAW AFI 36-2131, *Administration of Sanctuary in the Air Reserve Components*.

5.10. Inability to attain 20 years TAFMS. AGR applicants should be able to attain 20 years TAFMS in the AGR career program. Waiver authority of this requirement is The Adjutant General. Individuals selected for AGR tours that cannot attain 20 years of active federal service prior to reaching mandatory separation, must complete the Statement of Understanding contained in Attachment 3. The HRO will maintain the completed and 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.