

**AIR NATIONAL GUARD
MAINTENANCE SQUADRON
187TH FIGHTER WING, MONTGOMERY, ALABAMA**

ACTIVE GUARD RESERVE (AGR) – MILITARY VACANCY ANNOUNCEMENT # 22-002

OPEN DATE: 1 October 2021

EXPIRATION DATE: 31 October 2021

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:	Nondestructive Tester
Position Number:	1C00974429
AFSC:	2A7X2
Minimum/Maximum Grade Authorized:	AB - SSGT
Required ASVAB:	M: 42
Security Clearance:	Secret
Unit/Duty Location:	187 th Fighter Wing (MXS) Montgomery, AL

Selecting Official: SMSgt Robert Paulene

For more information about this position or the unit of assignment, please call: 334-394-7348

Promotion to the highest grade may not be supported by the units manning authorizations. The start date for this position is contingent upon resource availability.

APPLICATION REQUIREMENTS

Signed NGB Form 34-1, <https://www.ngbpdc.ngb.army.mil/Portals/27/forms/ngb%20forms/ngb34-1.pdf?ver=2018-09-28-105133-833>

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

myFitness 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).

Mail, hand carry or email completed application packages to:

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

All emailed packages must be in a single PDF

Applicants that do not meet the minimum requirements will not be considered.

DUTIES AND RESPONSIBILITIES: The information below was taken from the AFECD, 30 April 2021
(https://mypers.af.mil/app/answers/detail/a_id/7504/kw/afecd).

**NONDESTRUCTIVE INSPECTION
(Changed 30 Apr 19)**

1. Specialty Summary. Inspects aerospace weapon systems components and support equipment for structural integrity using nondestructive inspection methods and performs fluid analysis. Related DoD Occupational Subgroup: 176000.

2. Duties and Responsibilities:

- 2.1. Determines test method, and prepares fluids and parts for nondestructive inspection. Interprets nondestructive inspection test results, and provides information about defects to repair center. Analyzes wear metal content on engine lubricating oil and other fluids, and recommends corrective action. Establishes radiation areas for radiographic operations. Computes and monitors personal exposure areas for radiographic operations, and monitors personnel exposure data.
- 2.2. Performs nondestructive inspection on structures, components, and systems. Detects flaws such as cracks, delaminations, voids, processing defects, and heat damage using penetrant, eddy current, magnetic particle, radiographic, optical, and ultrasonic test equipment. Determines metallurgical information of components according to alloy, temper, conductivity, and associated factors.
- 2.3. Operates, maintains, and inspects nondestructive equipment. Performs operator maintenance and service inspections on shop equipment and tools. Ensures lock out and tag out procedures are accomplished prior to maintenance on equipment. Performs silver recovery functions. Handles and disposes of hazardous waste and materials.

3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge is mandatory of: characteristics of metals identification; wear metals identification and content; metal discontinuity and flaw detection; operation and maintenance of nondestructive test and oil analysis equipment; safety codes and practices; radiological safety and radiation monitoring procedures; technical orders and directives; and proper handling, use, and disposal of hazardous waste and materials.
- 3.2. Education. For entry into this specialty, completion of high school with courses in mathematics, chemistry, industrial technology, physics, and shop is desirable. Also, completion of computer knowledge courses is desirable.
- 3.3. Training. For award of AFSC 2A732, completion of a basic nondestructive inspection course is mandatory.
- 3.4. Experience. The following experience is mandatory for award of the AFSC indicated: 3.4.1. 2A752. Qualification in and possession of AFSC 2A732. Also, experience flaw detection process controls, equipment calibration and maintenance, safety directives, and hazardous waste programs. 3.4.2. 2A772. Qualification in and possession of AFSC 2A752. Also, experience supervising functions such as those involved in a nondestructive inspection laboratory.
- 3.5. Other. The following are mandatory as indicated: 3.5.1. For entry into this specialty, the following are mandatory: 3.5.1.1. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*. 3.5.1.2. See attachment 4 for additional 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*.

DUTIES AND RESPONSIBILITIES:

The purpose is to analyze maintenance systems and data and present results to management. Incumbent controls and maintains the Management Information System (MIS). Develops factors to measure and predict capabilities of maintenance manpower, equipment, and facilities. Controls, develops, and coordinates maintenance data systems and requirements.

DUTIES:

1. Determines test method, and prepares fluids and parts for nondestructive inspection. Interprets nondestructive inspection test results, and provides information about defects to repair center. Performs Oil Spectrometry process and analyzes wear metal content on engine lubricating oil and other fluids, and recommends corrective action. Establishes radiation areas for radiographic operations. Computes and monitors personal exposure areas for radiographic operations, and monitors personnel exposure data.
2. Performs nondestructive inspection on structures, components, and systems. Detects flaws such as cracks, delamination, voids, processing defects, and heat damage using penetrant, eddy current, magnetic particle, radiographic, optical, Thermography, Shearography and ultrasonic test equipment. Determines metallurgical information of components according to alloy, temper, conductivity, and associated factors. May also serve as Alternate TMDE Monitor, PCAMS, Alternate Equipment Custodian, Alternate Supplies Manager, Alternate Hazardous Waste Monitor, Alternate Hazardous Communication Monitor, Alternate Spill Prevention Monitor, Alternate FOD Monitor, Alternate Radiation Monitor, Alternate Technical Order Monitor, Alternate Precious Metals Monitor, and Training Monitor.
3. Applies magnetic particle and/or liquid penetrant inspection to detect and interpret the relevancy of flaws in a variety of parts. Parts are numerous and varied, and are of ferrous and/or nonferrous metals, and consist of surface or near surface discontinuities in the metal; e.g., fatigue cracks, welding overlap, cold shut, or surface cracks that may stem from internal flaws, such as pipes, inclusions, or forging lap. Sets up each different liquid penetrant or magnetic particle method following Technical Orders (TOs), Time Change Technical Orders (TCTOs), or Work Control Documents (WCDs), or Nondestructive Testing Instructions (NDIs). Ensures the equipment and

solutions are in compliance with technical guides and quality standards before performing tests and must submit an AFTO 22 if defects in TO's exist or an AF 107 if there is no technical data to accompany the task. Performs all processing tasks; i.e., dipping items in penetrant or magnetic particle baths, washing and drying, magnetizing and demagnetizing ferrous items, and subjecting them to Ultra Violet Black light to detect and evaluate flaws, their nature, size, scope, and exact location. If items are repairable, records test results, and marks defect areas and dimensions. Initiates WCDs that specify the needed repairs. Re-inspects all repairs performed on each component upon their return to the shop.

4. Uses and maintains tools. Maintains bench stock levels of parts, materials, tools, and equipment at prescribed levels. Uses tools and equipment associated with testing being conducted in the shop, as well as hand and power tools to do the work.

5. Utilizes safety practices and procedures following established safety rules and regulations to maintain a safe and clean work environment. Uses and assures proper fit of required Personal Protective Equipment and clothing. Follows federal and state rules when storing, using, handling, labeling, and disposing of hazardous materials and waste in accordance with environmental standards. Performs clean-up duties, such as cleaning equipment, sweeping, straightening, and lining up tools and other property in the assigned area.

6. Maintains records and documents actions. Manually documents actions taken or enters information into an automated system. Obtains required coordination and signatures.

RESPONSIBILITY:

Supervisor provides general instructions, standard procedures, overall priorities and policies and relies upon the incumbent to control work operations and accomplish an adequate quantity and quality of work. Work is reviewed for efficient and economical accomplishment within priorities and controls received.

d. PHYSICAL EFFORT:

Work involves climbing, stooping, standing, bending, stretching, and working in tiring and uncomfortable positions. Requires moderate to strenuous physical exertion. Lifts equipment and components weighing from 20 to 50 pounds and occasionally lifts weights up to 80 pounds such as generators, engine starters, and ejection seats with the assistance of weight handling equipment or other workers.

e. WORKING CONDITIONS:

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

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 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 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

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 362131, *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.