



NEW JERSEY NATIONAL GUARD

ACTIVE GUARD RESERVE (AGR)



POSITION TITLE:	AFSC	OPEN DATE:	CLOSE DATE:
------------------------	-------------	-------------------	--------------------

UNIT OF ACTIVITY/DUTY LOCATION:	GRADE REQUIREMENT: Min: Max:
--	---

SELECTING SUPERVISOR:		
------------------------------	--	--

AREAS OF CONSIDERATION

MAJOR DUTIES

INITIAL ELIGIBILITY CRITERIA

ACTIVE GUARD AND RESERVE REQUIREMENT

TECHNICIANS ENTERING AGR TOUR AND BONUS/INCENTIVES RECIPIENTS

SPECIAL ANNOUNCEMENT CRITERIA

APPLICATION PROCEDURES

INSTRUCTIONS TO COMMANDERS/SUPERVISORS: Selecting supervisor will contact qualified applicants for interviews after receipt of selection register from HRO REMOTE. After completion of interview, send selection register to HRO REMOTE. After the Human Resources Officer HRO approves the selection package, the HRO office will send a notification letter to notify all applicants of their selection/non- selection.

THE NEW JERSEY NATIONAL GUARD IS AN EQUAL OPPORTUNITY EMPLOYER

All applicants will be protected under Title VI of the Civil Rights Act of 1964. Eligible applicants will be considered without regard to race, color, religion, gender, national origin, or any other non-merit factor. Due to restrictions in assignment to certain units and AFSC some positions may have gender restrictions.

AFSC 2T371, Craftsman
 AFSC 2T351*, Journeyman
 AFSC 2T331*, Apprentice
 AFSC 2T311*, Helper

MISSION GENERATION VEHICULAR EQUIPMENT MAINTENANCE
(Changed 31 Oct 16, Effective 4 Jan 16)

1. Specialty Summary. Supervises and performs vehicle maintenance activities on military and commercial design general and special purpose, base maintenance, aircraft, and equipment towing vehicles, fire fighting vehicles or Material Handling Equipment (MHE) and vehicular equipment. Activities include inspection, diagnostics, repair, rebuild of components and assemblies, fabrication of parts, weld metals and repair vehicle glass. Ensures compliance with vehicle maintenance policies, directives, and procedures. Related DoD Occupational Subgroup: 161000 & 195000.

2. Duties and Responsibilities:

2.1. Plans and schedules vehicle and equipment maintenance activities. Plans and controls work methods, production schedules, operating procedures, and performance standards. Monitors established maintenance priorities, tire, and battery shop operations, and determines mission requirements. Ensures vehicles, equipment, tools, parts, and manpower are available to support mission requirements. Ensures maintenance and supply documentation is complete and accurate. Provides input to and reviews the Aerospace Expeditionary Force (AEF) Reporting Tool. Determines the overall mechanical condition of vehicles and equipment, diagnoses component malfunction and initiates repair actions. Systematically analyzes malfunctions by visual and auditory examination or through the use of test equipment. Troubleshoot, repairs, adjusts, overhauls, or replaces major assemblies or sub-assemblies such as power and drive trains, electrical, air conditioning, active and passive restraint systems, fuel, emission, steering assemblies, tracks, brake, hydraulic system components and vehicular equipment attachments. Removes, disassembles, and repairs gasoline or diesel engines and components. Diagnoses, isolates malfunctions, and repairs vehicle electrical, emissions, gasoline, diesel, and alternative fuel systems. Removes and installs electrical components to facilitate repairs. Repairs components by replacing worn or damaged parts with new or reconditioned parts, grinding, fitting, balancing, or arranging for welding or machining. Reassembles, adjusts and tests repaired units for proper operation. Repairs, adjusts, and replaces locks, latches, remote controls, window regulators and other associated body components. Designs and manufactures mounted equipment such as seats, pintle hook mounts and towing connections. Cuts, grinds, bevels and smooths the edges of laminated automotive glass/195Plexiglas and installs. Replaces curved glass with factory replacements. Cleans, tests, and repairs vehicle radiators and associated parts. Tests for leaks and blockage using tanks and flow testers. Selects the proper equipment for set up and prepares metal for welding. Welds, cuts, and repairs vehicle parts and accessories using oxyacetylene, gas-shielded and arc welding.

2.2. Inspects and evaluates vehicles, equipment, and body maintenance functions. Diagnoses malfunctions of major assemblies and subassemblies to determine the extent of repair or replacement or recommend disposition of vehicles and equipment. Diagnoses, isolates malfunctions, and repairs vehicle electrical, emissions, gasoline, diesel, and alternative fuel systems. Inspects repaired or rebuilt parts and equipment to ensure work conforms to standards. Inspects equipment for required modification and installation of safety devices. Ensures shop equipment is inspected and serviced at required intervals and that unserviceable tools and equipment are removed from service and their condition tagged. Identifies and initiates materiel deficiency reports at work center level. Calibrates and adjusts pumps, meters, safety unit proportioning devices, and limiting devices to ensure proper operation. Synchronizes remote or manual electrical and hydraulic controls. Adjusts power boosters, clutches, drive chains, and tension devices. Aligns bearing loads, gear tooth contact, and backlash to manufacturer specifications. Adjusts valve mechanisms, governors, oil systems, control linkages, clutches, traction units and other systems unique to this type of equipment. Times injection pumps and accessory shaft gear trains. Accomplishes tire and battery shop operations in a safe and efficient manner.

2.3. Performs vehicle, equipment, and vehicle body maintenance functions. Solves complex maintenance problems by interpreting layout drawings, specifications, schematics, diagrams, and operating characteristics of vehicles and components. Uses technical orders, commercial manuals, or automated systems to determine maintenance procedures and research parts. Troubleshoots, adjusts, repairs, and tests vehicles: alternate fuel, diesel, and gasoline engines; fuel, exhaust, and electrical systems; clutches; torque converters; transmissions; transfer cases; power takeoffs; drive lines; axles; frames; steering, suspension, dispensing, brake, air, and hydraulic systems; tracks; winches; emission control, heating and air-conditioning systems, active/passive restraint systems and other mounted or special equipment. Performs preventive maintenance and special inspections. Uses technical publications or automated systems in maintaining vehicles to prescribed manufacturers' maintenance schedules and for researching parts. Ensures special inspections and maintenance on vehicles are performed correctly such as: corrosion control, winterization, storage, and shipment. Properly annotates all maintenance performed on prescribed forms for data collection purposes.

2.4. Practices and ensures compliance with all established safety policies and standards. Implements hazardous waste management policies and procedures ensuring collection, control, disposition, and proper procedures for handling of hazardous and toxic waste material accumulations.

3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge is mandatory of: heavy equipment vehicle theory, vehicle and equipment theory, principles and repair relating to internal combustion engines, electrical, mechanical, and hydraulic systems applying to the repair of vehicles and vehicular equipment; methods of hoisting and handling heavy mechanisms; using lubricants, tools, and publications; supply procedures and computers; metal composition and metal working methods; using oxyacetylene, gas shielded, and electric welding equipment.
- 3.2. Education. For entry into this specialty, completion of high school or general education development equivalency is mandatory.
- 3.3. Training. Completion of the following training is mandatory for the award of the AFSC indicated:
- 3.3.1. 2T371, Completion of Vehicle Management 7-level web-based training is mandatory.
- 3.3.2. 2T331, 2T331A & 2T331C Completion of the Interservice Training Review Organization apprentice course.
- 3.3.3. 2T331, 2T331A & 2T331C. Mission Generation Vehicular Equipment Maintenance apprentice course.
- 3.3.4. 2T331A. Firefighting and Refueling Vehicle & Equipment Maintenance apprentice course.
- 3.3.5. 2T331C. Material Handling Equipment (MHE)/463L Maintenance apprentice course.
- 3.4. Experience.
- 3.4.1. For award of AFSC 2T371, qualification in and possession of AFSC 2T351, 2T351A or 2T351C and applicable core tasks is mandatory. Also, supervisory experience in functions such as inspecting, repairing, modifying, or troubleshooting vehicular and equipment systems, automotive body repair and surface refinishing, welding operations and glass work.
- 3.4.2. For award of AFSC 2T351, qualification in and possession of AFSC 2T331 and applicable core tasks is mandatory. Also, experience is mandatory in functions such as inspecting, repairing, or maintaining vehicles and vehicular equipment.
- 3.4.3. For award of AFSC 2T351A/C, qualification in and possession of AFSC 2T331A/C and applicable core tasks is mandatory. Also, experience is mandatory in the functions of inspecting, maintaining, or repairing specialized vehicles and equipment.
- 3.5. Other.
- 3.5.1. The following is mandatory for entry into this specialty:
- 3.5.1.1. Normal color vision according to AFI 48-123, *Medical Examinations and Standards*.
- 3.5.1.2. See attachment 4 for additional entry requirements.
- 3.5.2. The following are mandatory for award and retention in this specialty:
- 3.5.2.1. Must possess a valid state driver's license to operate government motor vehicles (GMV) in accordance with AFI 24-301, *Ground transportation*.
- 3.5.2.2. Must possess a valid state driver's license to operate GMVs for "Maintenance Purposes Only" in accordance with AFI 24-301.
- 3.5.2.3. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
- 3.5.3. Retraining into the 2T3XX career field within the Air Force Reserves and Air Nation Guard is restricted to the grades of E-6 and below with less than 10 years of Total Federal Military Service.

4. *Specialty Shredouts

<i>Suffix</i>	<i>Portion of AFS to Which Related</i>
A	Firefighting and Refueling Vehicle & Equipment Maintenance
C	Material Handling Equipment (MHE)/463L Maintenance