



NEW JERSEY NATIONAL GUARD

ACTIVE GUARD RESERVE (AGR)



POSITION TITLE:	AFSC	OPEN DATE:	CLOSE DATE:
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UNIT OF ACTIVITY/DUTY LOCATION:	GRADE REQUIREMENT: Min: Max:
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SELECTING SUPERVISOR:		
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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 2A374, Craftsman
 AFSC 2A354*, Journeyman
 AFSC 2A334*, Apprentice
 AFSC 2A314*, Helper

FIGHTER AIRCRAFT INTEGRATED AVIONICS
(Changed 30 Apr 19)

1. Specialty Summary. Isolates malfunctions and repairs and inspects A-10/U-2, F-15, and F-16/CV-22 integrated avionics systems at organizational levels. Troubleshoots, inspects, removes, installs, repairs, modifies, and operates aircraft avionic systems, components, and associated support equipment. Performs and supervises general aircraft servicing and handling procedures. Related DoD Occupational Subgroup: 195000.

2. Duties and Responsibilities:

- 2.1. Identifies and isolates A-10/U-2, F-15, and F-16/CV-22 integrated avionics systems malfunctions and analyzes performance. Operates integrated avionics systems to determine operational condition. Interprets equipment operation to isolate malfunctions in systems such as attack control, instrument, flight control, communications, navigation, and penetration aids. Traces data flow and wiring diagrams. Inspects, troubleshoots, and maintains aircraft wiring systems. Uses built-in test functions, electronic measuring equipment, support aerospace ground equipment (AGE), and hand tools. Monitors equipment performance and detects and analyzes malfunctions.
- 2.2. Removes, installs, aligns, and checks integrated avionics systems. Removes and installs line replaceable units and aligns systems. Operationally checks externally mounted avionics equipment. Boresights systems. Performs intermediate or organizational maintenance level modifications.
- 2.3. Inspects integrated avionics systems, posts entries, and maintains inspection and maintenance records. Inspects avionics systems and determines operational status. Interprets inspection findings and determines corrective action adequacy. Reviews maintenance management publications and procedures to obtain avionics systems information. 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.

3. Specialty Qualifications:

- 3.1. Knowledge. Knowledge is mandatory of: cyber protection theory and hygiene, including weapon system attack surfaces and air-gapped system risks; electronic, microelectronic, gyro, synchro, mechanical, and indicator principles, theory, and application; factors involved in transmitting and receiving within the radio frequency ranges; digital computer logic; using and interpreting testing and measuring devices; principles of aerodynamics and motion and power transmission by mechanical and electronic means; electronic combat principles; and concepts and application of maintenance directives.
 - 3.2. Education. For entry into this specialty, completion of high school courses in physics and mathematics is desirable.
 - 3.3. Training. The following training is mandatory for award of the AFSC indicated:
 - 3.3.1. 2A334X. Completion of the applicable suffix basic avionics systems course.
 - 3.3.2. 2A354X. Completion of applicable Field Training Detachment (FTD) course(s) listed on the MAJCOM Mandatory Course List IAW AFI 36-2232, *Maintenance Training*.
 - 3.3.3. 2A374. Completion of the Advanced Aircraft Wiring Maintenance Course J4AMP3000 A48A PDS ZIZ per the MAJCOM Mandatory Course List (MMCL) (ANG/AFRC exempt). Not applicable to personnel assigned to locations where the course is not yet available at the local Field Training Detachment (FTD).
 - 3.4. Experience. The following experience is mandatory for award of the AFSC indicated:
 - 3.4.1. 2A334X. Qualification in and possession of AFSC 2A334X. Also, experience in functions such as isolating malfunctions, installing line replaceable units, and using AGE necessary to maintain avionics systems.
 - 3.4.2. 2A374. Qualification in and possession of AFSC 2A354X. Also, experience performing or supervising functions such as installing, maintaining, or inspecting A-10/U-2, F-15, or F-16/CV22 avionics systems.
 - 3.5. Other. The following are mandatory as indicated.
 - 3.5.1. For entry into this specialty:
 - 3.5.1.1. No record of acrophobia.
 - 3.5.1.2. Normal color vision as defined in AFI 48-123, *Medical Examinations and Standards*.
 - 3.5.1.3. See attachment 4 for additional entry requirements.
 - 3.5.2. For award and retention of these AFSCs:
 - 3.5.2.1. Must maintain local network access IAW AFI 17-130, *Cybersecurity Program Management* and AFMAN 17-1301, *Computer Security*.
 - 3.5.2.2. Specialty requires routine access to Tier 3 (T3) information, systems, or similar classified environment.
 - 3.5.2.3. Completion of a current T3 Investigation required IAW DoDM 5200.02, AFMAN 16-1405, *Air Force Personnel Security Program*, is mandatory.
- NOTE:** Award of the entry level without a completed T3 Investigation is authorized provided an interim Secret security clearance has been granted according to DoDM 5200.02, AFMAN 16 -1405.

4. *Specialty Shredouts:

Suffix *Portion of AFS to Which Related*

A	A-10/U-2 Avionics
B	F-15 Avionics
C	F-16 Avionics

NOTE: Suffixes A, B, and C are applicable to the 1-, 3-, and 5-skill levels only.