

**10-94S. MOS 94S--Patriot System Repairer (Patriot Sys Rep), CMF 94
(Army Civilian Acquired Skills Program (ACASP) designated MOS) (Effective 202510)**

a. *Major duties.* The Patriot system repairer performs or supervises field maintenance on the Patriot missile system, associated equipment and trainers. Duties for MOS 94S at each level of skill are:

(1) *MOSC 94S10.* Performs field maintenance on the Patriot Information and Coordination Central (ICC), Engagement Control Station (ECS), Radar Set (RS), Antenna Mast Group (AMG), Launching Station (LS) and Communications Relay Group (CRG). Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules and circuit elements with common and system peculiar test equipment. Isolates malfunctions using automatic and semi-automatic program maintenance diagnostic software, unit self test and built in test equipment (BITE). Repairs unserviceable items by removing and replacing defective components. Operates and performs unit level maintenance on standard and system peculiar test equipment. Performs quality control measures. Completes maintenance and supply forms. Provides technical assistance to supported units.

(2) *MOSC 94S20.* Performs field maintenance on the Patriot Information and Coordination Central (ICC), Engagement Control Station (ECS), Radar Set (RS), Antenna Mast Group (AMG), Launching Station (LS) and Communications Relay Group (CRG). Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules and circuit elements with common and system peculiar test equipment. Isolates malfunctions using automatic and semi-automatic program maintenance diagnostic software, unit self test and built in test equipment (BITE). Develops specialized computer software tests to evaluate suspected faults. Isolates system interface malfunctions. Determines serviceability and disposition of defective assemblies, subassemblies, modules and circuit elements. Repairs unserviceable items by removing and replacing defective components. Operates and performs field level maintenance on standard and system peculiar test equipment. Performs quality control measures and serves on maintenance and inspection teams. Completes maintenance and supply forms. Provides technical assistance to supported units.

(3) *MOSC 94S30.* Performs duties shown in preceding level of skill and provides technical guidance to junior grade personnel in the performance of their duties. Performs initial, in process and final type inspections of designated system items and their assemblies, subassemblies, modules and circuit elements. Performs as maintenance technical inspector.

(4) *MOSC 94S40.* Performs and supervises duties performed at preceding levels of skill. Implements quality control measures, determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Establishes workloads and repair priorities. Establishes and maintains maintenance records. Supervises maintenance and inspection teams. Instructs junior grade personnel in the technical aspects of the Patriot system. Prepares maintenance and supply forms.

b. *Physical demands rating and qualifications for initial award of MOS.* Patriot system repairer must possess the following qualifications:

(1) Physical demands rating of Moderate (Gold).

(2) A physical profile of 222221.

(3) Normal color vision.

(4) Qualifying scores.

(a) A minimum score of 107 EL or a combination of 102 EL and 90 ST.

(b) A minimum OPAT score of Standing Long Jump (LJ) - 0120 cm, seated Power Throw (PT) - 0350 cm, Strength Deadlift (SD) - 0120 lbs., and Interval Aerobic Run (IR) - 0036 shuttles in Physical Demand Category in "Moderate" (Gold).

(5) A security clearance of SECRET.

(6) A U.S. citizen.

(7) Formal training by completion of MOS 94S course conducted under the auspices of the U.S. Army Ordnance School (USAOS) is mandatory or meet civilian acquired skills criteria per paragraph 9-5(7)(b) of this pamphlet unless a waiver is granted by the Commandant USAOS, Fort Lee, VA 23801.

(8) ACASP qualification criteria. (Note: Refer to table 9-1 (MOS' Approved for the Army Civilian Acquired Skills Program (ACASP)).

c. *Additional skill identifiers.* (Note: Refer to table 12-8 (Listing of universal ASI's associated with all MOS)).

d. Physical requirements and standards of grade. Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-94S-1.* Physical requirements.
- (2) *Table 10-94S-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-94S-3.* Standards of grade TDA.