

10-14E. MOS 14E--Patriot Fire Control Enhanced Operator/Maintainer (PATRIOT Fire Ctrl Enh Opr/Maint), CMF 14

a. *Major duties.* The Patriot fire control enhanced operator/maintainer supervises or serves in an air defense unit or as a member of an air defense activity engaged in operations or intelligence functions of liaison units. Responsible for system emplacement, initialization, and operator/organizational level system maintenance and services, (limited to the ability to detect improper equipment operation or malfunction by use of the senses, embedded diagnostic aids; e.g., BIT/BITE and/or on-board test equipment, Test Measurement and Diagnostic Equipment (TMDE) (e.g., multimeter to perform low voltage and continuity checks), technical references, technical inspections, adjustments, removal and replacement of battery replaceable units/line-replaceable units (BRUs/LRUs), and other tasks authorized in the maintenance allocation chart (MAC), and preventive maintenance checks and services (PMCS) required to sustain or return the Patriot Fire Control Section (FCS), Fire Direction Section (FDS), and associated equipment to its operational readiness condition. Perform Battle Damage Assessment Repair (BDAR), near-real time status reporting, report generation, and system deployment. Evaluates target data and identifies and engages targets. Major duties for MOS 14E at each level or skill are:

(1) *MOSC 14E10.* Performs march orders and emplacement of the FCS, FDS, and associated equipment. Initialize and operates the Information and Coordination Central (ICC), Engagement Control Station (ECS), radar set, Identification Friend or Foe (IFF) Interrogator, Antenna Mast Group (AMG), and remotely located Communications Relay Group (CRG). Perform organizational level system maintenance and PMCS on FCS and FDS equipment. Evaluates target data and identifies and engages targets. Performs operation and intelligence duties, operates/performs PMCS on Patriot system prime movers and power units, establishes, and maintains radio and wire communications.

(2) *MOSC 14E20.* Performs duties in preceding skill level and provides technical guidance to lower grade personnel. Supervises and performs organizational level system maintenance and PMCS on FCS and FDS equipment. Supervises march order and emplacement of FCS, FDS and associated equipment.

(3) *MOSC 14E30.* Performs duties in preceding skill level and supervises the operations and organizational level system maintenance and PMCS on FCS and FDS equipment. Enforce safety procedures and standards. Supervise the operation tactical communications. Supervises and participates in unit level training and training management. Performs operations and intelligence duties and serves as unit liaison.

(4) *MOSC 14E40.* Performs duties in preceding skill level and monitors the operations and operator maintenance of the FCS and FDS platoons. Provide technical training and guidance to subordinate personnel. Assist in supervising operations and intelligence functions.

b. *Physical demands rating and qualifications for initial award of MOS.* Patriot fire control enhanced operator/maintainer must possess the following qualifications:

(1) A physical demands rating of moderate (Gold).

(2) A physical profile of 222221.

(3) Normal color vision.

(4) Qualifying scores.

(a) A minimum score of 92 in aptitude area MM.

(b) A minimum OPAT score of Standing Long Jump (LJ) – 120 cm, Seated Power Throw (PT) – 350 cm, Strength Deadlift (SD) – 120 lbs., and Interval Aerobic Run (IR) – 0036 shuttles in Physical Demand Category “Moderate” (Gold).

(5) A security eligibility of SECRET is required for the initial award and to maintain the MOS.

(6) A U.S. citizen.

(7) Formal training (completion of MOS 14E course conducted under the auspices of the U.S. Army Air Defense Artillery School) mandatory.

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

(1) Q6--Protection Cell Operations (skill level 4 through 6 for personnel only) (Effective 202410).

(2) T3--Ground-Base Midcourse Defense (GMD) System (personnel only).

(3) T4—Patriot Master Gunner (skill level 3 and 4 only).

(4) Y7--Sensor Manager Operations.

(5) 7A—THAAD Fire Control Communications (TFCC) Radar Operator/Maintainer .

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

(1) *Table 10-14E-1.* Physical requirements.

(2) *Table 10-14E-2.* Standards of grade TOE/MTOE.

(3) *Table 10-14E-3.* Standards of grade TDA.