

10-14G. MOS 14G-Air Defense (AD) Battle Management System Operator CMF 14

a. *Major duties.* The Battle Management System Operator supervises or serves in an Army Air and Missile Defense Command (AAMDC), Air Defense Brigade, Maneuver Battalion, Air Defense Airspace Management (ADAM) cell in conjunction with a Brigade Aviation Element (BAE) as an Air/Ground integrator/manager responsible for planning, coordinating, and establishing connectivity with Joint, Interagency, Intergovernmental, and Multinational (JIIM) sensors and command, control, communications, computers, and intelligence (C4I)/controller networks and airspace users; provides Situational Awareness (SA) of airspace and early warning; conducts current and future operations planning and execution of airspace management requirements for the supported echelon; and conducts Air and Missile Defense (AMD) and Aviation planning and coordination to determine AMD and Aviation requirements across the full spectrum of operations. Responsible for ADAM Cell equipment march order, emplacement, initialization and operator/organizational level system maintenance (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) (example, 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 ADAM Cell to its operational readiness condition. Duties for MOS 14G at each level of skill are:

(1) *MOSC 14G10.* Performs march order, emplacement, initialization, operator/organizational level system maintenance and PMCS on the Sentinel Radar and ADAM Cell equipment including the Air and Missile Defense Warning System (AMDWS), the Air Defense Systems Integrator (ADSI), the Tactical Airspace Integration System (TAIS), and the Forward Area Air Defense System Engagement Operations (FAAD-EO) system as well as operating the Sentinel Radar. Evaluates tactical electronic intelligence data for force/engagement operations in JIIM networks. Performs operations and intelligence duties, monitors SA of the airspace and provides early warning, conducts planning and execution of airspace management requirements for the supported echelon, and operates/performs operator PMCS on vehicles/system prime power units. Performs data connectivity between AD communications equipment, Tri-Services Tactical Communications (TRITAC) network, Mobile Subscriber Equipment (MSE), and Link-11/Link-16 with Army, Air Force, Navy, Marine Corps and Multi-National. Performs on-line/off-line Common Hardware-Software diagnostics and fault isolation programs. Emplaces, initializes, operates and march orders LAN, WAN, and remote video displays.

(2) *MOSC 14G20.* Performs duties in preceding skill levels, serves as a Senior Early Warning System (EWS) operator in Air Defense Command and Control (C2) nodes or ADAM Cells at brigade level or higher. Supervises and provides technical guidance to subordinate Soldiers. May serve as a team leader in brigade level and above staff sections.

(3) *MOSC 14G30.* Performs duties in preceding skill levels. Establishes, supervises and participates in unit level training for crew certification programs and Air Defense exercises. Performs operations and intelligence duties and may serve as air defense liaison noncommissioned officer (NCO). May serve as a section sergeant, assistant operations NCO or operations NCO in brigade level and above staff sections.

(4) *MOSC 14G40.* Performs duties in preceding skill levels. Provides technical guidance to subordinate Soldiers. Performs operations and intelligence duties at brigade and higher levels. May serve as an operations NCO, systems evaluator, or battle manager in brigade level and above staff sections. Directs, instructs and evaluates tactical operating procedures. Monitors unit equipment readiness and prepares monthly unit readiness reports (URR).

b. *Physical demands rating and qualifications for initial award of MOS.* Air Defense Battle Management System Operator must possess the following qualifications:

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

(2) A physical profile of 222221.

(3) Color discrimination of normal color vision.

(4) Qualifying scores.

(a) A minimum score of 91 in aptitude area MM and a minimum score of 90 in aptitude area GT

(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 14G 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 MOS)).

(1) 5A--Joint Air Tactical Operations (JATO) (skill level 4 only).

(2) C8--Air Defense Airspace Management (ADAM) / Brigade Aviation Element (BAE).

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

(4) T3--Ground-based Midcourse Defense (GMD) System.

(5) Y2--Transition.

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

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

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

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