

10-15X. MOS 15X—Tactical Unmanned Aircraft System (TUAS) Specialist, CMF 15 (Effective 202610)

a. *Major duties.* The TUAS Specialist employs, operates, trains, repairs, services, modifies, fabricates, and inspects unmanned aircraft systems (UAS) and associated ground equipment for UAS groups one through three at brigade and below. Integrates into maneuver formations to conduct, assist, and train UAS operations in contact. Performs planning, analysis, and execution of aerial reconnaissance and tailors lethal and non-lethal UAS payloads to fit the mission's targeting objectives. Conducts site selection, emplacement, cover, concealment, and deployment of aircraft and ground equipment. Performs pre-flight, in-flight, and post-flight checks and procedures. Executes launch/recovery ground crew operations. Exercises electromagnetic spectrum discipline and adjusts UAS control and video frequencies to counter electronic warfare threats. Duties for MOS 15X at each level of skill are:

(1) *MOSC 15X10.* Executes UAS reconnaissance, security, target acquisition, and attack missions. Plans and analyzes flight missions. Designs, fabricates, configures, and tests UAS and associated payloads, ground control stations, and communication systems. Prepares UAS for deployment, shipment, and storage. Launches, controls, and recovers aircraft, performing pre-flight, in-flight, and post-flight inspections and operational checks. Conducts scheduled and unscheduled maintenance on airframes, payloads, and ground support equipment. Manages fuel, battery, and munitions systems, including transport, storage, and recovery. Operates mission planning systems, flight simulators, and tactical communication networks. Troubleshoots and repairs electrical components, flight controllers, and radio frequency systems using diagnostic tools. Maintains technical records and participates in site setup, breakdown, and after-action reviews. Ensures proper handling of hazardous materials and compliance with operational safety standards.

(2) *MOSC 15X20.* Performs duties shown in preceding skill levels and provides guidance to subordinate Soldiers. Integrates emerging UAS capabilities and assists development of the operator and gunnery training program. Executes training of UAS Operators across formations on UAS assembly, operation, employment, and gunnery. Supervises and assists site setup and breakdown. Participates in mission planning including terrain, threat, and current situation analysis. Participates in and supervises operator maintenance and crew procedures performed on UAS air and ground equipment. Serves as the primary trainer of TUAS Specialists as a unit trainer. Monitors proper handling and storage of flammable, explosive, and hazardous materials. Schedules maintenance on test, measurement and diagnostic equipment (TMDE).

(3) *MOSC 15X30.* Performs duties shown in preceding skill levels and provides guidance to subordinate Soldiers. Advises commanders on optimal UAS integration and employment techniques, tactics, and procedures to include payload capability, payload employment, airspace management, and electromagnetic spectrum survivability. Manages the UAS training, gunnery, standardization and safety programs. Synchronizes UAS frequency management against threat EW. Performs, supervises, and provides technical guidance to subordinate personnel performing UAS operations, maintenance, and crew procedures. Performs site selection using maps, photographs, terrain analysis, and information reports. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies. Performs technical inspections. Applies production control, quality control and other maintenance management principles and procedures. Computes basic weight and balance and ensures compliance with aircraft configuration control, Army Oil Analysis Program, and TMDE calibration. Supervises site setup and breakdown. Coordinates with adjacent, higher, and supported units. Conducts pre-combat checks and inspections. Supervises the conduct of after-action reviews (AAR). Monitors requisition of parts, tools and supplies.

(4) *MOSC 15X40.* Performs duties shown in preceding skill levels and provides guidance to subordinate Soldiers. Supervises operations and activities of the platoon. Applies military intelligence collection, targeting processes, and security planning to UAS operations. Conducts and assists development of the unit training plan. Determines man-hours, personnel, parts and facility requirements to repair UAS and associated equipment. Plans maintenance areas, component repair, technical inspection techniques, and procedures, according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Supervises the unmanned aircraft systems technical training program. Prepares evaluations, special reports, and records pertaining to unmanned aircraft systems maintenance and related activities. Recommends and administers plans and policies.

b. *Physical demands rating and qualifications for initial award or reclassification of MOS.*

(1) The Tactical Unmanned Aircraft System (TUAS) Specialist must possess the following qualifications: Waivers, and/or exceptions must be approved by CDR, AVCOE, ATTN: ATZQ-CDF-P, Ft Rucker, AL 36362-1100, (<https://home.army.mil/rucker/about/AVCOE/opfd/enlisted>).

- (a) A physical demands rating of Significant (Gray).
- (b) A physical profile of 111221.
- (c) Normal color vision.
- (d) Qualifying scores.

(1) A minimum score of 93 in aptitude area EL, 99 in aptitude area MM, and 102 in aptitude area SC.

(2) A minimum OPAT score of Standing Long Jump (LJ) – 0140 cm, Seated Power Throw (PT) – 0400 cm, Strength Deadlift (SD) – 0140 lbs., and Interval Aerobic Run (IR) – 0040 shuttles in Physical Demand Category “Significant” (Gray).

- (e) A U.S. Citizen.
- (f) A high school graduate or equivalent.

(g) A security eligibility of SECRET is required prior to attendance/arrival for training, initial award of the MOS and to maintain the MOS. An interim SECRET security access granted by CCF meets this requirement.

(h) Complete, pass and maintain the Army Class 4 medical physical prior to requesting and/or granting the MOS to the Soldier and his or her attendance/arrival to training/school. Not required to complete or pass the Type II decompression sickness/chamber training requirement.

(i) Formal training conducted by the United States Army Aviation Center of Excellence (AVCOE) or by AVCOE-certified instructors is mandatory to qualify for award of the MOS.

(j) Reclassification: Must meet the above qualifications and all prerequisites IAW AR 614-200 “Reclassification of primary military occupational specialty and/or secondary military occupational specialty” chapter and AR 40-501 “Medical Fitness Standards for Retention and Separation, including Retirement” chapter. MOS 15X is closed to individuals in the grade SGT or above unless they have previously held MOS 15C/E/M/W/X for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4.

1. Active Component: Soldiers that do not meet the above qualifications must submit a determination packet to CDR, AVCOE, ATTN: ATZQ-CDF-P, Ft Rucker, AL 36362-1100, (<https://home.army.mil/rucker/about/AVCOE/opfd/enlisted>).

2. National Guard: Soldiers that do not meet the above qualifications must submit a waiver packet through the National Guard Bureau, ATTN: NGB-ARNG-AV, 111 South George Mason Drive, Arlington, VA 22204-1382 (ng.ncr.ngb-arng.mbx.avn-trng-mgtarmy.mil).

3. Reserve Component: Soldiers that do not meet the above qualifications must submit a waiver packet through Commander, Army Reserve Aviation Command (ARAC), ATTN: G3 (AFAK-OPT), 1160 Brandenburg Station Road, Ft Knox, KY 40121-4190, (usarmy.usarc.arac.list.g-37-training@army.mil)

(2) MOS closed for reclassification to Soldiers who have been deemed permanently non-deployable in accordance with AR 40-501, AR 220-1, AR 600-8-101, and AR 614-30. Soldiers must meet the minimum criteria for retainability stated in AR 635-40, paragraph 3-5(a) and be fully deployable to all locations and echelons.

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

- (1) F8--Unmanned Aircraft Systems Master Gunner
- (2) G3--Air Cavalry Leaders Course
- (3) U7--Unmanned Aircraft System (UAS) Instructor Operator (I/O)

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

- (1) *Table 10-15X-1.* Physical requirements.
- (2) *Table 10-15X-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-15X-3.* Standards of grade TDA.

10-15Y. MOS 15Y--AH-64 Armament/Electrical/Avionics Systems Repairer (AH-64 Arm/Elect/Avionics Sys Rep), CMF 15

a. Major duties. A Soldier in MOS 15Y performs and/or supervises inspections, maintenance and modifications according to drawings, blueprints, directives, technical manuals, and safety procedures on the AH-64D armament, electrical and avionics systems and cryptographic equipment to include the electrical, electronic, mechanical, and pneudraulics systems associated with AH-64D Armament/Missile Fire Control Systems. Tests, troubleshoots and repairs test sets and diagnostic equipment. Maintains records on weapons and subsystems. Uses and performs operator maintenance on common and special tools. Prepares aircraft related maintenance forms and records. Typically assigned to Aviation Field or Sustainment maintenance units.

Duties for MOS 15Y at each level of skill are:

(1) *MOSC 15Y10.* Diagnoses, troubleshoots, and repairs malfunctions in AH-64D armament, electrical, and avionics systems and components including solid state and transistorized subsystems according to pertinent technical manuals, directives and safety procedures. Perform maintenance, authorized modifications and alignment on aircraft weapons components, fire control units, and sighting elements, electronic and mechanical devices. Repairs, replaces and performs operational and preventive checks and alignment on aircraft flight controls, stabilization systems, avionics and controlled cryptographic equipment. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Requisitions and maintains shop and bench stock for repair of aircraft systems and equipment. Maintains facilities for storage of flammable and hazardous materials. Prepares forms and records related to aircraft maintenance. Participates in the setup of the Forward Arming and Refueling Point (FARP).

(2) *MOSC 15Y20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems. Alters or modifies material according to DA approved modification work orders. Monitors hazardous material control and storage.

(3) *MOSC 15Y30.* Supervises and provides technical guidance to subordinate personnel performing duties described in paragraphs (1, 2) and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts, and supervises aircraft technical inspections. Compute basic weight and balance records. Participate in maintenance test flights. Ensure compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration. Supervise the establishment of the FARP.

b. Physical demands rating and qualifications for initial award or reclassification of MOS.

(1) AH-64D Armament/Electrical/Avionics Systems Repairers must possess the following qualifications: Waivers, and/or exceptions must be approved by Cdr., AVCOE, ATTN: ATZQ-CDF-P, Ft Rucker, AL 36362-1100, (<https://home.army.mil/rucker/about/AVCOE/opfd/enlisted>).

(a) A physical demands rating of Moderate (Gold).

(b) A physical profile of 222221.

(c) Normal color vision.

(d) Qualifying scores.

(1) A minimum score of 98 in aptitude area EL and 104 in aptitude area MM.

(2) 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 Demands Category “Moderate” (Gold).

(e) A U.S. Citizen.

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

(g) A high school graduate or equivalent.

(h) Formal training (completion of a resident MOS 15Y course conducted under the auspices of The United States Army Aviation Center of Excellence (AVCOE).

(i) Reclassification: Must meet the above qualifications and all prerequisites IAW AR 614-200 “Reclassification of primary military occupational specialty and/or secondary military occupational specialty” chapter and AR 40-501 “Medical Fitness Standards for Retention and Separation, including

Retirement” chapter. Must be in the grade of SPC (non-promotable) or below unless they have held an aviation maintenance/component repairer CMF 15 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4.

1. Active Component: Soldiers that do not meet the above qualifications must submit a determination packet to Cdr., AVCOE, ATTN: ATZQ-CDF-P, Ft Rucker, AL 36362-1100, (<https://home.army.mil/rucker/about/AVCOE/opfd/enlisted>)

2. National Guard: Soldiers that do not meet the above qualifications must submit a determination packet through National Guard Bureau, ATTN: NGB-ARNG-AV, 111 South George Mason Drive, Arlington, VA 22204-1382, (ng.ncr-arng.mbx.avn-tmg-mgt@army.mil).

3. Reserve Component: Soldiers that do not meet the above qualifications must submit a determination packet through Commander, Army Reserve Aviation Command (ARAC), ATTN: G3 (AFAK-OPT), 1160 Brandenburg Station Road, Ft Knox, KY 40121-4190, (usarmy.usarc.arac.list.g-37-training@army.mil).

(2) MOS closed for reclassification to Soldiers who have been deemed permanently non-deployable in accordance with AR 40-501, AR 220-1, AR 600-8-101, and AR 614-30. Soldiers must meet the minimum criteria for retainability stated in AR 635-40, paragraph 3-5(a) and be fully deployable to all locations and echelons.

c. *Additional skill identifiers.* (Note: Refer to table 12-8 for (Listing of universal ASI's associated with all enlisted MOS)). Q2--Aviation Life Support Equipment (ALSE) (personnel only).

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

(1) *Table 10-15Y-1.* Physical requirements.

(2) *Table 10-15Y-2.* Standards of grade TOE/MTOE.

(3) *Table 10-15Y-3.* Standards of grade TDA.