

**BY ORDER OF THE
SECRETARY OF THE AIR FORCE**

**AIR FORCE MANUAL 13-1AOC,
VOLUME 1**



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***Nuclear, Space, Missile, or Command and
Control Operations***

***GROUND ENVIRONMENT TRAINING-
AIR OPERATIONS CENTER (AOC) /
OPERATIONS CENTER (OC)***

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This Air Force Manual (AFMAN) implements the Department of the Air Force Policy Directive (DAFPD) 13-1, *Command and Control (C2) Enterprise*. This publication provides guidance to Air Force (AF) Air Operations Centers (AOCs) that support Combatant Commanders (CCDRs), including Air National Guard (ANG) and Air Force Reserve Command (AFRC) AOC augmentation units. It also establishes required training for specialty teams, liaison personnel, and augmentees. This publication applies to all civilian employees and uniformed members of the regular AF, the Air Force Reserve, and the Air National Guard who are filling AOC positions, as mutually agreed upon by the local Commander, Air Force Forces (AFFOR), and those contractors who are filling such positions who are contractually obliged to comply with AF and Department of the Air Force (DAF) publications. This publication does not apply to Space Force. Ensure all records generated as a result of processes prescribed in this publication adhere to Air Force Instruction (AFI) 33-322, *Records Management and Information Governance Program*, and are disposed in accordance with the Air Force Records Disposition Schedule, which is located in the Air Force Records Information Management System. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional chain of command. Institutional Command (IC), Service Component Command (SCC), Component Numbered Air Force (C-NAF), Theater AOCs, functional AOCs, and Air Reserve Components (ARC) aligned units may supplement this AFMAN. Parent SCCs may supplement this publication with information concerning the training of their personnel

identified to support AOC phased-operations. Supplements will be coordinated through the appropriate chain of command to the Air Force, Exercises and Training Division (AF/A3TE) with courtesy copies to Air Combat Command (ACC), AOC/Air Force Forces (AFFOR) Branch (ACC/A3CO). The authorities to waive this publication's wing/unit level requirements are identified with a Tier number ("T-0, T-1, T-2, T-3") following the compliance statement. See Department of the Air Force Manual (DAFMAN) 90-161, *Publishing Process and Procedures*, Table A10.1, for a description of the authorities associated with the Tier numbers. Submit waiver requests through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the publication OPR for non-tiered compliance items. For non-tiered compliance statements directed above the Field Operating Agency/Direct Reporting Unit/Wing level, contact the OPR of this publication. SCCs will send copies of all approved SCC AOC waivers to ACC, C2, Intelligence, Surveillance and Reconnaissance Division (ACC/A3C). The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the DAF.

SUMMARY OF CHANGES

This document is substantially revised and must be thoroughly reviewed. It corrects office symbols for various organizations including OPR and implements waiver authority (tiering) guidance in DAFMAN 90-161. The document has evolved from an AFI to an AFMAN. It describes the Initial Qualification Training (IQT) scheduling process, requirements for Mission Qualification Training (MQT), Continuation Training (CT) and Theater Orientation Training. It provided guidance on the roles and responsibilities of the Chief of Training and establishes a list of mandatory reporting items. Finally, the Course Attendance Matrix identifies courses available based on AOC position and assigned responsibilities.

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Chapter 1

GENERAL INFORMATION

1.1. General . This publication guides training programs developed and maintained by AOC units, and AOC-aligned ARC supporting units.

1.1.1. Throughout this manual, unless otherwise specified, the term “AOC” will refer to AOCs, Operations Centers (OCs), Air Communications Squadron (ACOMS) and support units.

1.1.2. The parent SCC of ARC units will be that of their aligned AOC.

1.1.3. ACOMS personnel supporting AOC networks administration and system administration will attend the AOC Formal Training Unit (FTU) per the Course Attendance Matrix (CAM) (See [Attachment 6](#)). **(T-2)**

1.1.4. Due to individual AOC’s unique organizational structure and differing processes, unit-specific supplements to this AFMAN should address unique training program requirements. AFRC units will coordinate any unit-specific supplements with respective AFRC Director of Operations, Strategic Deterrence and Nuclear Integration (AFRC/A3/10) Functional Area Managers (FAMs) for approval. **(T-2)**

1.1.5. Due to AOC manning constraints and unique theater or global/functional requirements, AOC units may require locally developed positions not discussed in AFMAN 13-1 AOC Volume 3, *Operational Procedures-Air Operations Center (AOC)/Operations Center (OC)*. Units will identify unique positions and training associated with these positions in a supplement to this publication. **(T-2)**

1.1.6. This AFMAN applies to personnel assigned to crewmember positions as discussed in AFMAN 13-1 AOCV3 and establishes requirements for theater orientation training for liaison officers and augmentees.

1.1.6.1. AOC specialty teams may be military or civilian personnel (if part of the performance work statement and approved by the AOC commander (AOC/CC)) and fill operational, mission-essential positions in the AOC.

1.1.6.2. Liaison officers and AOC augmentation personnel may represent other weapons systems (WSs), components, commands, government agencies, or coalition partners. They are administratively subordinate to their parent organizations while working within the AOC and will receive theater orientation and limited positional training from the component AOC or designated training organization. **(T-2)** **Paragraph 4.1** outlines the theater orientation training specifics. **Note:** AOC training outlined in this AFMAN is distinct and separate from AF On-the-Job Training. On-the-Job Training is governed by DAFMAN 36-2689, *Training Program* and documented in DAF Form 623, *Individual Training Record Folder* or another AF approved system (for enlisted members only). Although there is a potential overlap of training requirements and events, AOC training and career field training documentation are separate programs.

1.1.7. AOC personnel will attain Combat Mission Ready (CMR) status once Initial Qualification Training (IQT) and Mission Qualification Training (MQT) are accomplished and approved by the AOC/CC. **(T-2)** **(Note:** CMR is defined as a status indicating an AOC

crewmember has successfully completed IQT and MQT and been approved by their AOC/CC via the letter of X's.)

1.1.8. AOC personnel will accomplish Continuation Training (CT) as a requirement for maintenance of CMR status. (T-2)

1.1.9. All training will be documented as described in [Chapter 7](#).

1.1.10. Any reference to FTU, unless stated otherwise, refers to the AOC FTU at Hurlburt Field, FL, operated by the 505th Command and Control Wing (505 CCW).

1.1.11. The 39th Information Operation Squadron (39 IOS), located at Hurlburt Field, FL, and the 505 CCW are the FTUs for the 616th Operations Center (616 OC). Training for members assigned to the 616 OC will be based on their position. All members, civilians, O-5s and below will complete AOC Fundamentals (AOCFUN) through the 505 CCW. Follow-on training will be provided by either the 39 IOS or the 505 CCW based on the assigned division.

1.2. Roles and Responsibilities.

1.2.1. AF/A3TE

1.2.1.1. Provides oversight and approval of this publication, maintains Air Staff advocacy, and develops policy for the AOC WS.

1.2.1.2. All approved waivers will be uploaded into the Management Internal Control Toolset (MICT) for inspection activity review and publication for OPR's situational awareness/filing. Designated SCC OPR will send copies of all approved SCC AOC waivers to ACC, C2, Intelligence, Surveillance and Reconnaissance Division (ACC/A3C).

1.2.1.3. All approved waivers will be uploaded into the MICT for inspection activity review and publication for OPR's situational awareness/filing. MAJCOMs will send copies of all approved MAJCOM AOC waivers to ACC, C2, Intelligence, Surveillance and Reconnaissance Division (ACC/A3C). ACC/A3C will send copies of approved waivers to all AOC MAJCOM counterparts.

1.2.2. Air Combat Command (ACC).

1.2.2.1. Serves as OPR and lead MAJCOM for the AOC WS and this publication. Regarding training, these responsibilities include fielding and allocating new training systems/activities and equipment, training simulators, and capabilities.

1.2.2.2. ACC, Directorate of Operations (ACC/A3), through ACC/A3C coordinates with other Offices of Collateral Responsibility (OCRs) (i.e., IC or SCC) Directors of Operation (A3s) as needed and provides combat and mobility air forces, AOC training, oversight and direction.

1.2.2.2.1. Reviews and provides ACC/A3 with approval recommendations for the AOC FTU and any advanced AOC courseware content, training tasks, syllabi, course cancellations, schoolhouse closures, and new course development per Air Combat Command Instruction (ACCI) 11-251, *ACC Operations Training Development Program*.

1.2.2.2.2. Performs the duties of OPR for AOC FTU CAM. Approves CAM annually, or as directed, and distributes to AOC.

1.2.2.2.3. Provides oversight for development, coordination, and approval of standardized master IQT/MQT Training Task Lists (TTLs) for all AOC personnel identified in AFMAN13-1 AOCV3. Additionally, coordinates development and approval of standardized Master TTLs (MTTLs) for AOC specialty teams.

1.2.2.2.4. Establishes general CT requirements ([Attachment 3](#)) for AOCs and ARC units. The 616 OC will receive additional general CT requirements from ACC, Information Warfare Division (ACC/A3/2/6K). AOCs will receive general CT requirements from their parent SCC.

1.2.2.2.5. Establishes standard formats for mandatory reporting items per this publication.

1.2.2.2.6. Directs effort to maintain electronic training management program to support the AOC WS.

1.2.2.2.7. Collaborates with other IC or designated SCC OPR concerning AOC training guidance and resources.

1.2.2.2.8. In conjunction with ACC/A3/2/6K, provides oversight for the development of standardized MTTLs, plans of instruction and training material for the AOC Non-Kinetic training.

1.2.2.2.9. Serves as the OPR for all AOC policy and guidance issues and management of AFMAN 13-1 AOC volumes and AF Tactics, Techniques, and Procedures (AFTTP) 3-3/3-1. AOC, *Combat Fundamentals-Air Operations Center (AOC)* volumes in conjunction with AF Training and Readiness Directorate (AF/A3T).

1.2.2.2.10. ACC/A3CO serves as the final approval authority of In Unit-Initial Qualification Training (IU-IQT), In-Lieu-Of Training requests and second IQT course attendance requests for permanent party and deployed personnel.

1.2.2.3. ACC, Weather Operations Division (ACC/A3W), serves as an OCR and provides oversight for the development of standardized MTTLs, plans of instruction, and training material for the AOC Weather Team. ACC/A3W will coordinate with ACC/A3C for release of documentation to the field.

1.2.2.4. ACC, Airspace, Ranges and Airfield Operations (ACC/A3A), serves as an OCR and provides oversight for the development of standardized MTTLs, plans of instruction, and training material for the AOC Airspace Specialty Team. ACC/A3A will coordinate with ACC/A3C for release to the field.

1.2.2.5. ACC, Personnel Recovery and Joint Integration Division (ACC/A3J) serves as an OCR and provides oversight for the development of standardized MTTLs, plans of instruction, and training material for the AOC Personnel Recovery (PR) Team. ACC/A3J is the OCR and lead command POC for AFI 10-3005, *Personnel Recovery Coordination Cell Organization and Training*, which governs the training and processes of the PR Coordination Cell. ACC/A3J is the OPR for all AOC PR policy and guidance issues and is responsible for staffing personnel recovery inputs to AFMAN 13-1 AOC volumes and AFTTP 3-3/3-1 AOC volumes. ACC/A3J will coordinate with ACC/A3C for release to the field.

1.2.2.6. ACC/A3/2/6K, serves as an OCR and provides coordination on the development of standardized MTTLs, plans of instruction, and training material for the 616 OC. ACC/A3/2/6K is the OPR for mission defense and IQT for the Cyberspace Vulnerability Assessment/Hunter (CVA/H), Air Force Cyberspace Defense (ACD), Cyberspace Defense Analysis (CDA), Cyberspace Security and Control System (CSCS), Network Attack System (NAS), Air Force Intranet Control (AFINC) weapon systems within the 616 OC. Guidance for each weapon systems can be found in their respective ACCMAN 17-2 Volume 1, Training, ACCMAN 17-2 Volume 2, *Standardization/Evaluation* and ACCMAN 17-2 Volume 3, Operations and Procedures.

1.2.2.7. ACC, Intelligence Readiness Division (ACC/A23) is the OCR for AOC Intelligence, Surveillance, and Reconnaissance (ISR) Division (ISRD) and Combat Operations Division (COD) Senior Intelligence Duty Officer (SIDO) Team intelligence training issues and provides staffing ISR inputs to AFMAN 13-1 AOC volumes and AFTTP 3-3/3-1 AOC volumes.

1.2.2.7.1. ACC, Intelligence Training Branch (ACC/A23T) provides oversight for development and production of intelligence IQT TTL requirements for integration into the ISR IQT portion of the AOC FTU course curriculum, biennial standardized ISRD community wide MTTLs to include training line items for AOC SIDO Teams, periodic ISRD master question file revisions, and intelligence exercise integration and execution support functions with 505th Training Squadron (TRS) planners.

1.2.2.7.2. ACC, Intelligence, Surveillance and Reconnaissance Systems and Capabilities Division (ACC/A25) is the OCR for AOC ISRD intelligence systems integration and architecture issues. ACC, Mission Systems Branch (ACC/A25S) provides intelligence system-level guidance and documentation and will engage with training issues related to intelligence systems operation, AOC WS compatibility and program management coordination, as required. These A2 divisions coordinate with ACC/A3C for ISR TTL/MTTL releases to the field and for postings to appropriate and accessible ACC, Directorate of Intelligence (ACC/A2) and ACC/A3 training material repositories.

1.2.2.8. ACC, Cyberspace Transformation Division (ACC/A60) serves as an OCR. They provide oversight and guidance concerning all AOC network administration, system administration, and communications training. This includes training for communications planning and communications systems (phones, computers, switches, routers, etc.). It also covers communications system planning, configuration management and maintenance. Additionally, training for network architecture planning, cryptographic management, information exchange requirements and communications/system/transport requirements management is provided. ACC/A60 will coordinate with ACC/A3C for release to the field.

1.2.3. 505th Test and Training Group (TTG):

1.2.3.1. Coordinates course control documentation for AOC initial and advanced training programs as designated ACCI 11-251.

1.2.3.2. Develops AOC FTU CAM that delineates course attendance by AOC position annually, or as directed, as the OCR to ACC/A3C. **(T-2)**

1.2.4. 505th Training Squadron (TRS):

1.2.4.1. Conducts IQT courses for the AOC division and support team personnel on C2 organizations, processes, and systems used to employ air, space, and cyberspace forces at the operational level of war. **(T-2)**

1.2.4.2. Provides Interface Control Cell (ICC) training to AOC Joint Interface Control Cell operators. Courses should support the Common Tactical Picture Track Management Cell and ICC. **(T-2)**

1.2.4.3. Develops, maintains, updates lessons, and submits syllabi and training task lists to ACC, Training Support Squadron (TRSS) and ACC/A3 for approval. **(T-2)**

1.2.4.4. Provides semi-annual report to ACC/A3CO covering graduation results for each course and a complete list of unit feedback with corrections concerning FTU instruction since the last report. **(T-2)**

1.2.4.5. In coordination with designated SCC OPR and AF Personnel Center (AFPC), annotates the date in the electronic training management program and awards the appropriate basic Special Experience Identifier (SEI) (901/Y9A) to AOC IQT course graduates. **(T-2) Exception:** For AOC personnel who complete IU-IQT, the unit's Chief of Training (COT) will submit a request to AFPC seeking the award of an AOC SEI. **(T-2)** Upon completion of MQT, a secondary SEI will be awarded. After 6 months of experience (two years for ARC) and AOC/CC recommendation, units will submit a request for AFPC approval for the awarding of the appropriate AOC SEI.

1.2.4.6. Supports AOC units to the maximum extent possible by providing FTU training materials (to include slides, lesson plans, etc.) for use when attendance at the AOC FTU is not possible.

1.2.5. 705th Training Squadron (705 TRS):

1.2.5.1. Provides advanced operational level multi-domain C2 training and education for joint/coalition senior leaders and operational planners. For more information, see the 705 TRS C2 Portal via unclassified Intelink at <https://intelshare.intelink.gov/sites/C2/SitePages/Home.aspx>.

1.2.5.2. Supports Air University's Combined/Joint Force Air Component Commander (JFACC) course. with operational-level academics focused on key AOC processes used to command joint and combined air combat resources. **(T-2)**

1.2.5.3. Provides graduate evaluation surveys to ACC/A3CO before biennial syllabus review boards.

1.2.6. 505th Combat Training Squadron (505 CTS):

1.2.6.1. Provides constructive models and virtual battlespace for exercises, testing, and experimentation to enhance C2 training for the joint air component at the operational level of war. Training scenarios are provided via the AOC WS Part Task Trainer as the AOC WS official simulator. Use the Higher Headquarters (HHQ) replication cell, AOC response cell, intelligence support, modeling and simulation expertise to train sister services or Air Components with simulation and stimulation of AOC processes and external agencies.

AOCs can send training scenario requests to the 505 CTS org box: 505CTS.DOOT.PTT@us.af.mil.

1.2.6.2. Enables and enhances world-wide joint exercises with a professional control force, AOC response cell, HHQ replication and computer modeling, and intelligence support for plausible AOC simulation. (T-2)

1.2.6.2.1. BLUE FLAG (BF). The BF program focuses on air component training to include AOC processes while incorporating AFFOR. The training incorporates theater-wide and globally influenced scenarios addressing both Pacing and Acute threats. The BF programs address C2 from COCOM guidance to JFACC and COMAFFOR guidance to the tactical level. It utilizes modeling and simulation to simulate airborne C2 Battle Management forces and ground based wings utilizing Agile Combat Employment tactics. BF provides Joint All Domain C2 training in the operational environment and is specifically designed to meet Geographical Air Component Commander's training objectives within their theater.

1.2.6.2.2. AOC Part Task Training. Provides training scenarios and uses the AOC WS Part Task Trainer as the AOC WS official simulator. AOCs can send training scenario requests to the 505 CTS org box: 505CTS.DOOT.PTT@us.af.mil.

1.2.6.2.3. Provides support to the Joint Chiefs of Staff (JCS) Tier 1 Joint Exercise Program training Combatant Commands and their service component HQ in their wartime mission for CT and MQT. The focus is to leverage training from these venues for USAF Air Component Commanders and their staffs, as possible.

1.2.7. 705th Combat Training Squadron (CTS).

1.2.7.1. The 705 CTS, also known as Distributed Mission Operations Center (DMOC), is responsible for developing, integrating and delivering capabilities and training to prepare warfighters for combat in joint and coalition environments. This includes exercises, training, tactics, techniques and procedures (TTP) to ensure warfighter readiness, testing, experimentation, tactical to operational-bridged events and standards development. (T-2)

1.2.7.2. DMOC serves as the ACC tactical to operational level synthetic battlespace hub by scheduling and integrating warfighter units, resources, scenario development, networking virtual adversary support and linking operational and strategic-level simulations. DMOCs provide network connectivity to joint and coalition players worldwide by performing lead agent responsibilities for ACC's synthetic battlespace inter-team training events. It hosts Air Expeditionary Force-aligned, quarterly VIRTUAL FLAG exercises, currently the only exercise to train full-spectrum Theater Air Control System warfighters from start to finish, and warfighter-focused events that highlight mission areas to include offensive counter-air, close air support, defensive counter air, dynamic targeting/time-sensitive targeting, and combat search and rescue.

1.2.8. Air Force Northern Command (AFNORTH), Air Forces Southern Command (AFSOUTH), Air Force Central Command (AFCENT), Air Force Cyberspace Command (AFCYBER), United States Air Forces Europe-Air Forces Africa (USAFE-AFAFRICA), Pacific Air Forces (PACAF), and Air Force Global Strike Command (AFGSC), AFRC and National Guard Bureau (NGB) OPRs will:

1.2.8.1. Collaborate with ACC/A3C concerning AOC training guidance and resources.

1.2.8.2. Monitor subordinate unit training and ARC unit training management.

1.2.8.3. Provide training materials, guidance, and coordinate exercises to subordinate and ARC units.

1.2.8.4. Coordinate test events and WS upgrades with the Program Management Office (PMO) and subordinate units.

1.2.8.5. Review unit's annual training plan (ATP) and approves MQT/CT content. Training plans for NGB and AFRC units will be reviewed by their aligned active duty unit and submitted to ACC/A3CO.

1.2.9. Air Mobility Command (AMC).

1.2.9.1. Coordinates with the 505 CCW, 435th TRS/Operating Location-A Hurlburt Field, FL, (435 TRS/OL-A) and Theater AOC Air Mobility Divisions (AMDs) to develop master AMD TTLs for theater AOCs and Air Mobility Operations Squadron. AMC coordinates with ACC/A3C for approval and release to the field. 435 TRS/OL-A conducts the in-residence, AOC AMD FTU course for AMD personnel, teaching C2 organizations, processes, and systems used to employ air, space, and cyberspace forces at the operational level of war. The 435 TRS/OL-A is part of the AOC FTU and conducts training on behalf of ACC, the Lead Command, for the AOC WS, and the 505 TRS, Hurlburt Field, FL.

1.2.9.2. Coordinates with and approves the 505 CCW, 435 TRS/OL-A, Theater AOC AMDs to develop course material for the respective FTUs. Coordinates with and approves 435 TRS/Main at Scott AFB, IL to develop MTTLs and course material relating to all IQT requirements for the 618th AOC (16 AOC). The 435 TRS/Main conducts the in-residence, Global Mobility Air Operations IQT FTU courses for 618 AOC personnel on their processes.

1.2.9.3. Coordinates with and approves unit developed AMD MQT and CT tables.

1.2.9.4. Provides training oversight and direction of Mobility Air Forces 618 AOC.

1.2.9.5. Develops, coordinates, and approves TTLs at all Mobility Air Forces AOC levels.

1.2.9.6. Supports the development of general CT requirements for the 618 AOC.

1.2.9.7. Provides training material and guidance, and coordinates exercises with subordinate and ARC units.

1.2.10. Air Force Materiel Command (AFMC) through Air Force Life Cycle Management Center (AFLCMC) System Program Office (SPO).

1.2.10.1. Coordinates Type 1 initial system/application difference training with ACC, Command and Control ISR (C2ISR) Requirements Division (ACC/A5/2C) and ACC/A3C, IC or designated SCC OPR, and AOC WS equipped units.

1.2.10.2. Provides Type 1 training to AOC WS equipped units for new and upgraded AOC systems and applications.

1.2.11. National Guard Bureau (NGB) and Air Force Reserve Command (AFRC).

1.2.11.1. Collaborates with ACC/A3C and other supported designated SCC OPR concerning AOC training resources, requirements, limitations, and opportunities (formal schools).

1.2.11.2. Coordinates exercise and continuation training events with active duty units.

1.2.12. Air Operations Center (AOC) and Air Reserve Component (ARC) unit commanders.

1.2.12.1. Establishes and maintains AOC training program per HHQ guidance.

1.2.12.2. Review and approve unit ATP (IU-IQT, MQT, CT, IUT) content.

1.2.12.3. Coordinates and synchronizes training between the AOC and ARC units to ensure mission requirements can be met for real-world operations and exercises.

1.2.12.4. Issues theater specific training program guidance.

1.2.12.5. Reports quarterly AOC training shortfalls and limiting factors to designated SCC OPR via AFRC/NGB. **(T-2)**

1.2.12.6. Provides training status to aligned AOC as requested. **(T-2)**

1.2.12.7. Ensures AOC units will participate in the Inspector General's Reporting System utilizing the MICT referencing DAFI 90-302, *The Inspection System of the Department of the Air Force*.

1.2.12.8. Designates COT and AOC Training Manager(s).

1.2.12.9. AOC/CC Authorities Delegation. The AOC/CC can delegate all or some of the duties/authorities regarding training, evaluations, and operations to an Air Support or Air Communications Squadron commander so long as they are within the same organizational construct (e.g., 609th Air Support Squadron (609 ASUS) and 609 AOC). If used, this will be documented within the unit's supplemental operating instructions.

1.2.13. Air Force Special Operations Command (AFSOC) Operations Center (OC).

1.2.13.1. Collaborate with ACC/A3C concerning training guidance and resources.

1.2.13.2. Monitor unit training.

1.2.13.3. Review unit ATP and approve MQT/CT content.

1.2.13.4. Assist ACC/A3C and geographic AOCs in developing MTTLs for their respective AFSOC support.

1.3. Air Operation Center Training (AOCT).

1.3.1. Manages the commander's training program and coordinates with the System Program Office (SPO), and ARC units. **(T-2)**

1.3.2. Develops and coordinates local IU-IQT (See [Attachment 4](#) Example), MQT (See [Attachment 5](#), MQT), CT, and theater specific training as appropriate.

1.3.3. Coordinates class slots for inbound personnel for AOC formal training courses. Eligibility for a specific AOC course is outlined in the CAM (see [Attachment 6](#)).

1.3.4. Provides guidance, assistance, and review of division/team training programs. **(T-2)**

1.3.5. Ensures the accomplishment and documentation of the full range of AOC training per this AFMAN and approved local supplements or operating instructions. **(T-2)**

1.3.6. Supports the unit self-assessment program. Ensures completion of the appropriate or assigned self-assessment checklists and advises the commander of results. **(T-1)**

1.3.7. Produces AOC/CC approved ATP and forwards to the designated SCC OPR and ACC/A3CO. Regular AF units will coordinate ATP with ARC units to achieve maximum integrated training. **(T-2)**

1.3.8. Reports AOC training program status, limiting factors, and recommendations to the AOC/CC.

1.3.9. AOC/CC Authorities Delegation. The AOC/CC can delegate all or some of the duties/authorities regarding training, evaluations, and operations to an Air Support Squadron commander so long as they are within the same organizational construct (e.g., 609 ASUS and 609 AOC). If used, this will be documented within the units supplemental operating instructions.

1.4. Chief of Training (COT).

1.4.1. Serves as the AOC/CC, Air Operations Group (AOG) and Combat Operations Squadron (COS) POC for all applicable training items. Manages the commander's training program, AOCT, and designated training managers.

1.4.2. Will achieve and maintain AOC instructor status. **(T-2)** See AFMAN 13-1AOC, Volume 2, *Standards/Evaluation Program – Air Operations Center (AOC)/Operations Center (OC)* (13-1AOCV2) for requirements. COT may possess a previously awarded (T) or (K) prefix, and should be rated on by the commander.

1.4.3. Ensures the awarding of the appropriate AOC SEI. The AOC FTU, in coordination with AFPC, will award the appropriate basic AOC SEI to AOC MQT enlisted and officer course graduates. (ARC personnel; Drill Status Guardsman, Air Reserve Technicians, Active Guard and Reserves, will utilize processes as outlined by NGB and AFRC.)

1.4.4. Will report IQT graduate survey completion rates to the commander for the Graduate Evaluation Program. For technical procedures see ACCI 11-251.

1.4.5. Coordinates with unit Defense Readiness Reporting System (DRRS) reporting officials and AOC Standardization and Evaluation (AOCV) to capture CMR per AFI 10-201, *Force Readiness Reporting*. This monthly DRRS report is mandatory and must accurately reflect unit readiness to meet Air Force Forces Generation (AFFORGEN) timelines.

1.5. Division Chiefs/Training Managers.

1.5.1. Division Chiefs will appoint division training managers. **(T-3)**

1.5.2. Coordinate with the AOC COT to manage assigned division and team training.

1.5.3. Oversee/validate IU-IQT, MQT, CT and Theater Orientation.

1.5.4. Track training progress and request extension(s) when needed.

1.5.5. Nominate and train AOC instructors.

1.5.6. Oversee training documentation/completion.

Chapter 2

INITIAL QUALIFICATION TRAINING (IQT)

2.1. Introduction . IQT provides foundational knowledge, skills, and context for follow-on training of AOC processes and is required for all AOC crewmembers and members of combined/merged Air Component staff. IQT does not provide in-depth positional and theater-specific training. The primary method of IQT is to attend and complete the appropriate formal training course at the AOC FTU. The crewmember duty position determines which AOC FTU course is attended. (See [Attachment 6](#), AOC CAM).

2.1.1. IQT (FTU or IU-IQT) must begin or be scheduled (with the FTU) within 60 days of arriving on station (180 days for ARC personnel). **(T-2)** All personnel are required to meet IQT syllabus standards.

2.1.2. If IQT cannot begin within the required time period, COT will annotate that in the individual's training records and notify the commander, the SCC Director of Operations (SCC/A3) and ACC/A3CO OPR as soon as possible.

2.1.3. Upon completing IQT, AOC personnel attain basic qualified status and receive the appropriate AOC SEI. Basic qualification (BQ) crewmembers may not perform duties without a certified/qualified instructor. **(T-3)**

2.2. Authority.

2.2.1. ACC-approved syllabi contain IQT requirements for each duty position. Course syllabi do not take precedence over the guidance in this manual, unless otherwise stated.

2.2.1.1. IQT and IU-IQT will adhere to the grading criteria, academic/performance training standards, and instructions within the ACC/A3 approved syllabus.

2.2.1.2. IQT syllabi and course training documents are jointly developed by ACC, ACC TRSS, and the FTU (505 TRS).

2.2.2. The FTU in-residence courses do not accommodate all AOC duty positions. For those positions that are standard but not taught at the FTU, units will develop IU-IQT with guidance and support from the designated SCC OPR (See [Attachment 4](#)). For those non-AFMAN 13-1 AOCV3 positions unique to their AOC, IQT development is the unit's responsibility. Units will submit for the AOC SEI upon completion of IU-IQT, six months CMR in the duty position (two years for ARC), and unit commander recommendation.

2.2.3. AOC/CCs will develop and maintain an IU-IQT plan within the Annual Training Plan.

2.2.3.1. IU-IQT plans will contain IQT materials developed and provided by the 505 TRS in addition to locally developed unit specific training.

2.2.3.2. IU-IQT plans will be reviewed annually by designated SCC OPR and submitted to ACC/A3CO OPR for final approval.

2.2.4. AOC/CCs will submit IU-IQT requests for individuals unable to attend FTU to designated SCC OPR and forward to ACC/A3CO for final approval. **(T-2)**

2.2.4.1. IU-IQT should only be implemented for significant reasons, such as severe mission impact due to an airman's absence for IQT or an expected delay in IQT availability.

2.2.4.2. 505 TRS will provide FTU training materials to support IU-IQT to include course materials and lesson plans, as appropriate or allow access to materials via on-line means.

2.2.4.3. Requests for IU-IQT must be approved by ACC/A3CO prior to beginning training.

2.2.4.4. MAJCOM approved IU-IQT requests will be forwarded to ACC/A3CO and 505 TRS Quota Manager for awareness. **(T-2)**

2.2.5. Requesting and scheduling IQT with the 505 TRS is the responsibility of gaining AOCT. Training enroute to the permanent change of station (PCS) location will be utilized to the maximum extent possible. Gaining units will coordinate with 505 TRS/705 TRS Quota Management personnel to schedule all FTU courses. Use the AOC FTU CAM (**Attachment 6**) when determining which course to request. **Note:** Funding for families is not provided/authorized.

2.2.6. Timeline: Maximum training time for IU-IQT is 120 days (18 months for ARC personnel) from start to finish. **(T-2)**

2.2.7. Exemptions to the IU-IQT timeline may occur via extension per [paragraph 2.2.8](#).

2.2.7.1. If the member has been out of the AOC environment for five years or more it is recommended that they re-accomplish IQT as a refresher and receive updated curriculum (ACC funded). AOC training managers will conduct a records review of the individuals record and assign any necessary refresher training. **(T-2)**

2.2.7.2. Individuals assigned to a new AOC position may require a different IQT (IU-IQT or FTU) course. Attendance in a new FTU course will require AOCT request, designated SCC OPR concurrence, ACC/A3CO approval and unit funding. **(T-2)**

2.2.8. Extension: AOC/CCs may grant two sequential 30-day extensions (total of an additional 60 days) for completing IU-IQT. ARC AOG/CCs, AMOS/CCs or COS/CCs may grant two sequential 120-day extensions for a (240 days total) for completion of IU-IQT. Include any training extensions in the quarterly report as outlined in [paragraph 7.9.2](#). Following the AOC/CC, ARC AOG/CCs or COS/CC extensions, the commander, upon review of the individual's training to date, may request an additional extension from designated SCC OPR of 30 days or 120 days for ARC personnel as appropriate. **(T-2)**

2.2.9. Incomplete: Students unable to finish an FTU course for other than performance issues (e.g., medical reasons) may enter a subsequent class with 505 TRS Commander (505 TRS/CC) recommendation, unit commander approval, gaining SCC and ACC/A3CO notification/review.

2.2.10. FTU IQT Failure: FTU IQT failure is a mandatory reporting item by the 505 TRS to the gaining unit, the designated SCC OPR, ACC/A3CO and ACC, Command and Control Mission Systems Branch (ACC/A6OC) for all communication/cyberspace course failures.

2.2.10.1. Failing students may return to IQT with 505 TRS/CC recommendation, gaining unit commander, designated SCC OPR approval, and ACC/A3CO review/approval.

2.2.10.2. Students who fail FTU may not be enrolled in IU-IQT.

2.2.11. IU-IQT Failure: IU-IQT failure is a mandatory reporting item to the designated SCC OPR. If after the AOC/CC and/or SCC OPR extensions, training is still not complete, the commander may opt to reenter the individual into training (restart the clock). **(T-2)**

2.2.12. Commanders may end the training of failing students and place the individual in a position designated by the SCC Career-field Manager. Unit commanders may place an individual in a non-AOC position until coordination with designated SCC Air Force Speciality Code (AFSC) OPR is completed.

2.2.13. ARC unit commanders will remove members unable to start or complete training from primary AOC crewmember position.

2.2.14. Units may submit an “in-lieu of” request in respect of IQT, based on a member's previous AOC training and/or previous AOC experience, through their major command OPR, with lead command coordination. This includes AOC and AOC process training/experience applicable to the position(s) these crewmembers will be assigned. Approved In-lieu-of requests will be maintained/documentated in the member’s training records. **(T-2)**

Chapter 3

MISSION QUALIFICATION TRAINING (MQT)

3.1. Introduction. Mission Qualification Training (MQT). MQT provides positional and theater specific training necessary to qualify or requalify AOC crewmembers in a duty position to perform the missions assigned to a specific AOC. MQT is a unit responsibility. The unit is responsible for providing the resources and facilities necessary to conduct MQT, as well as for developing and implementing the training program. AOC personnel maintain BQ status until they complete MQT, and any additional requirements outlined in AFMAN 13-1AOCV2.

3.2. Purpose. MQT is designed to prepare personnel for a specific mission or role and to provide them with the training and education they need to perform their duties effectively and safely. MQT is also used to prepare a crewmember for mission qualification and to obtain CMR status in an AOC duty position.

3.3. Method. MQT normally involves tailored training with an instructor, plus applicable classroom academics, self-study, and performance tasks as necessary. Each AOC will determine the best mix of methods to meet all MQT needs. **(T-2)** ACC/A3C must approve and standardize master WS TTLs for AFMAN 13-1AOC, Volume 3, *Nuclear, Space, Missile, Command and Control Operational Procedures-Air Operations Centers (AOC)/Operations Centers (OC)* positions in coordination with appropriate theater or functional SCC. **(T-2)** AOC training managers in the field will develop MQT programs, based on the aforementioned lists that meet the mission training requirements as directed by the AOC/CC.

3.4. Timeline.

3.4.1. Members must begin MQT within 45 days of IQT completion (90 days for ARC personnel). **(T-3)**

3.4.2. Members who accomplish IU-IQT must begin MQT upon completion of their final IQT evaluation. **(T-3)**

3.4.3. First term Airmen will begin MQT no later than 30 days of completing the First Term Airmen Course (60 days for ARC personnel). **(T-3)**

3.4.4. All members must complete MQT within 90 days of MQT start date (365 days for ARC personnel). **(T-3)**

3.4.5. If MQT cannot be started within the required time period, training managers will annotate it in the individual's training records and notify AOCT, the commander and designated SCC career-field manager as soon as possible. **(T-2)**

3.4.6. Individuals may accomplish portions of MQT before formal entry into MQT; however, they may not complete MQT out of sequence (i.e., before IQT completion). **(T-2)**

3.4.7. Extensions: Unit commanders may approve two sequential 30-day extensions (ARC units will have two sequential 180-day extension for ARC personnel). **(T-2)** Report all extensions to SCC OPRs in the unit's quarterly report per [paragraph 2.2.8](#). **(T-2)** Designated SCC OPR may grant a 30-day (180-day for ARC units) extension in addition to commander extensions.

3.5. Incomplete/Failure to Progress . If crewmember fails to complete MQT within the prescribed timeline, commanders may restart their MQT or remove and reassign the individual to a non-AOC position coordinated by designated SCC OPR, ACC/A3CO and AFSC Functional Area Manager. **(T-3)**

3.5.1. Upon approval to restart MQT member must complete a remedial training plan designed to address discrepancies previously identified. **(T-2)**

3.5.2. Upon completion of remedial training member will be signed off by primary instructor indicating member is ready for evaluation. **(T-2)**

3.6. Combat Mission Ready (CMR).

3.6.1. CMR status is achieved when all Standardization and Evaluation (Stan/Eval) requirements are completed per AFMAN 13-1 AOCV2 and the AOC/CC, ARC AOC/CC, or their designated representative approve the CMR designation. **(T-2)**

3.6.2. Upon CMR status and 6 months experience, the COT will ensure SEI codes are added to reflect the applicable AOC CMR team or division SEI. IU-IQT trained personnel will receive the AOC general SEI per the USAF Officer or Enlisted Classification Directory and **paragraph 1.2.4.5** above.

Chapter 4

THEATER ORIENTATION TRAINING

4.1. Introduction . All AOCs must provide Theater Orientation training for AOC crewmembers, specialty team members, liaisons, and augmentees to aid their integration. Tailor and base this training on expected duties, previous experience, and AOC knowledge. **(T-2)** The gaining AOC is responsible for developing content and presenting Theater Orientation training. **(T-2) Note:** A CMR rating in any AFMAN 13-1 AOCV3 position is transferrable to another AOC in the same CMR duty position upon completion of the unit's Theater Orientation training and theater specific MQT items. **(T-3)**

4.2. Purpose. Theater Orientation training is a menu of training modules consisting of any combination of e-learning lessons, briefings, or directed self-study. The AOC training manager designs the menu with tailoring to the individual. The AOC/CC or Division Chief approves the menu if the commander delegates approval authority. **(T-3)**

4.3. Method. Each AOC will present a Theater Orientation training program containing individual requirements. **(T-3)** The requirements may include the following subject areas:

- 4.3.1. AOC fundamentals.
- 4.3.2. Unit mission or Theater Orientation.
- 4.3.3. Chain of command/command relationships.
- 4.3.4. Applicable planning and execution documents.
- 4.3.5. Augmentee positional responsibilities.
- 4.3.6. This training may also include local additions to mandatory AF training.

Chapter 5

CONTINUATION TRAINING (CT)

5.1. Introduction . CT provides crewmembers with the volume, frequency, and mix of training necessary to maintain CMR proficiency. CT is an annual requirement that begins after a crewmember receives CMR status and should be a deliberate process throughout the year. Units are responsible for developing a CT plan as part of their ATP, focusing on the unit's mission or support for any upcoming major exercises or Operation Plan development. **Note:** Mandatory AF training, generally referred to as ancillary training, may not count toward CT. **(T-2)**

5.2. Content: AOCs have common CT requirements levied by designated SCC OPR; however, each AOC will add their unique CT requirements to their ATP. **(T-2)** In addition to common CT requirements, each AOC crewmember will participate, to the maximum extent possible, in an exercise (at a minimum, once per year for active duty personnel and once every two years for ARC personnel). **(T-2)**

5.2.1. Exercise participation will be in primary or secondary duty positions. **(T-2)**

5.2.2. Exercise participation may accomplish other CT requirements.

5.2.3. AOCT will report AOC personnel without participation in an annual exercise to the designated SCC OPR and to ACC/A3CO in the end of year report (bi-annually for ARC personnel). **(T-2)**

5.2.4. Deployment as an AOC crewmember will satisfy the exercise requirement for all personnel. (See [Attachment 3](#)).

5.2.5. AOCs have CT requirements in the following five primary categories (See [Attachment 3](#)):

5.2.5.1. Doctrine. **(T-2)**

5.2.5.2. Theater Guidance. **(T-2)**

5.2.5.3. AOC System/Applications. **(T-2)**

5.2.5.4. Understanding of the Operational Environment. **(T-2)**

5.2.5.5. AOC Process/positional training. **(T-2)**

5.3. Purpose: CT maintains AOC process/positional qualification (CMR status) and expands operational C2 level knowledge and skills. CT is the Commander's and Division Chief's tool to ensure that personnel are always ready to support the CCDR, JFACC, and Area Air Defense Commander. AOC crewmembers with qualifications in more than one position must meet CT requirements for each position. **(T-2)** Dual-qualified crewmembers with like CT requirements that are the same for each position only need to perform the specific CT requirement for one position.

5.4. Method: CT may consist of any combination of mass academics, e-learning, directed self-study, systems training, positional refresher training, or exercises.

5.5. Timeline: CT requirements begin the first duty day of the following month after the individual is designated CMR. **(T-2)** [Attachment 3](#) and unit ATPs contain examples of CT requirements. Unit/SCC supplements will address CT requirements specific to their

global/functional AOCs. **(T-2)** Waivers should be the exception and must be submitted for SCC approval and copied to ACC/A3CO. **(T-2)** The AOC/ARC Commander will evaluate and approve waivers on a case-by-case basis. **(T-3)** CT waivers are a reportable item in SCC quarterly report. **(T-2)**

5.5.1. ARC units will accomplish CT (per **Attachment 3**) over a two-year, vice one-year period. **(T-2)** Thus, quarterly requirements become semi-annual, semi-annual become annual requirements, and annual requirements become biennial for ARC units. **(T-3)**

5.5.2. AFRC Individual Mobilization Augmentees who qualify as CMR in Theater AOCs assume CT timelines in **paragraph 5.1.4.1**.

5.5.3. Proration: Units will prorate CT requirements based on initial CMR date, temporary duty (TDY), deployments, or periods of non-AOC duty (e.g., honor guard, medical leave). **(T-2)** Unit must ensure training requirements account for time supporting contingencies. **(T-2)** Units will prorate fiscal year CT requirements on a one-for-one basis. **(T-2)**

5.5.4. Failure to meet CT requirements will result in regression to non-Combat Mission Ready (N-CMR) status. **(T-3)** AOC/CCs may allow up to a 30-day grace period to accomplish CT requirements. ARC unit commanders may allow up to a 180-day grace period.

5.5.5. Certified Instructors must supervise N-CMR crewmembers performing duties relating to the units Mission Essential Tasks. **(T-2)**

5.5.6. To regain CMR status, a crewmember must accomplish the delinquent CT. **(T-2)** The individual's training records must reflect both the regression to N-CMR and the reacquisition of CMR status. **(T-2)**

5.5.7. Failure to regain CMR within 6 months (18 months for ARC) results in regression to unqualified status. To regain CMR status after regression to unqualified status, the crewmember must complete a commander-approved requalification training program and evaluation. **(T-2)**

Chapter 6

INSTRUCTOR UPGRADE TRAINING (IUT)

6.1. Introduction. AOC division and team chiefs will recommend subject matter experts (SMEs) who are highly proficient in division-team processes or AOC WS applications to perform duties as an instructor. **(T-2)**

6.2. Purpose. To train experienced subject matter experts how to effectively instruct newly assigned or inexperienced members of their unit. AOC Instructor nominees will complete local AOC Instructor training program requirements per AFMAN 13-1 AOCV2. **(T-2)**

6.3. Method. Candidates nominated for IUT will be trained per standards identified in the units ATP. **Note:** AOC Instructors are not required to attend formal USAF/instructor programs to be an AOC Instructor but can maintain previously earned prior (T) or (K) prefixes from their career field.

6.3.1. The AOC or ARC unit commander must approve AOC crewmember for instructor upgrade. **(T-2)** Note: AOCs may use positional and or organizational SMEs for certain elements of their training programs (e.g., theater/mission familiarization training, systems and applications, or designated processes). SMEs may augment training as determined by the designated instructor. **(T-3)**

6.3.2. AOC training managers will provide the following training to AOC crew position Instructors. **(T-2)**

6.3.2.1. Unit training administrative practices to include filling out unit training documentation.

6.3.2.2. Instructor responsibilities, adult-learner teaching techniques, briefing, debriefing.

6.4. Timeline. IUT is complete when AOCT confirms the instructor candidate has completed all IUT requirements. Upon completion, IUT candidate will be released to the unit's Stan/Eval to complete their instructor evaluation. Instructor candidates must complete IUT within 60 days of IUT start date (180 days for ARC personnel). **(T-3)**

Chapter 7

TRAINING DOCUMENTATION

7.1. Required Documentation. Units will maintain the following documentation for each AOC crewmember:

- 7.1.1. Date arrived on station.
- 7.1.2. Start/completion dates of FTU IQT, IU-IQT, MQT, CMR designation date.
- 7.1.3. CT events.
- 7.1.4. Deployment dates.
- 7.1.5. IUT.
- 7.1.6. Any other significant training dates (i.e., N-CMR dates, deviations from training plan).

7.2. 2-Part Electronic Documentation. Units will document all training in a 2-part format using an electronic training management program using LAN/Sharepoint®/Teams or other commander approved electronic means.

- 7.2.1. **Part 1** will contain personnel information, Records Review Form, Waivers, and Appointment Letters. **(T-2)**
- 7.2.2. **Part 2** will contain FTU Training Report, Course completion certificates, DAF Form 797, *Job Qualification Standard (JQS) Continuation/Command JQS* and ACC Form 206, *Individual Mission Gradesheet* (as applicable).
- 7.2.3. The specified electronic training management program will utilize electronic AF Form 4141, *Individual's Record of Duties and Experience Ground Environment Personnel*.
- 7.2.4. The specified electronic training management program will be the primary system of record for IQT, MQT, CT and IUT. All units will maintain their records in the lead command's electronic training management program or other command directed records management system. **(T-2)**

7.3. Physical Training Folders. Backup physical training folders may be maintained as required.

7.4. Individual Training Forms. Units will maintain individual training forms such as DAF Form 797 and ACC Form 206 in the individual's electronic training folder while crewmembers are in IU-IQT and/or MQT.

7.5. Gaining Unit. Upon in-processing, the gaining unit will obtain records from members previous unit. **(T-2)** Once CMR status is achieved, IQT/MQT documentation and certificates will be maintained electronically. **(T-2)**

7.6. Documentation Maintenance. Units will maintain electronic training documentation on personnel until they out-process.

7.7. Annual Training Plan (ATP). AOCs will develop an ATP which will be reviewed annually, approved by the AOC/CC and forwarded to SCC/OPR for approval and forwarded to ACC/A3CO. **(T-2)** ATPs will include the following items:

- 7.7.1. IU-IQT plan.

7.7.2. MQT requirements and training plan. (T-2)

7.7.3. CT requirements and training plan. (T-2)

7.7.4. IUT plan. (T-2)

7.7.5. Unit-specific training requirements not captured in [Attachment 3](#). (T-2)

7.7.6. Mission execution, mission planning, or academic events from [Attachment 3](#) or MAJCOM requirements. (T-2)

7.8. Unit Training Documentation. Units will maintain documentation electronically in the lead command electronic training management program. (T-2) Note: Any documentation requiring a signature - either an original or electronic signature may be used.

7.8.1. Position Training Form (e.g., ACC Form 206, DAF Form 797, a unit form based on an ACC Form 206, Air Education and Training Command (AETC) Form 186, *Individual Mission Gradesheet-Battle Management*).

7.8.2. AF Form 4141, AF Form 4142, *Individual Annual Training Record* or other approved training and qualification records.

7.8.3. Any other unit documentation, to include instructor training, as well as MAJCOM-directed training documentation.

7.9. Mandatory Reporting Items. Units will report items noted in paragraph [7.9.1](#) to [7.9.7](#) to designated SCC OPR and provide a copy to ACC/A3CO by e-mail/memo. (T-2) If there is nothing to report for an item, report "none".

7.9.1. IU-IQT requests will include course waived, reason for request, date request was granted and date entered IU-IQT. Report quarterly.

7.9.2. IQT timeline exceeded (including extensions). Report action taken. Report quarterly.

7.9.3. IQT failure. Report action taken. Report when a failure occurs.

7.9.4. MQT timeline exceeded (including extensions) and action taken. Report quarterly.

7.9.5. MQT failure to progress. Report action taken. Report quarterly.

7.9.6. Training limiting factors and shortfalls to include CT waivers. Report quarterly.

7.9.7. Exercise participation shortfalls. Report reason. Report end of year.

7.10. Reportable Items . Reportable items can be sent to the designated SCC OPR and copied to ACC/A3CO by e-mail/memo

ADRIAN L. SPAIN, Lt General, USAF
Deputy Chief of Staff, Operations

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

ACCI 11-251, ACC Operations Training Development Program, 23 November 2021

ACCMAN 17-2 Volume 1, Cyberspace Vulnerability Assessment/Hunter-Training, 28 October 2024

ACCMAN 17-2 Volume 2, Cyberspace Vulnerability Assessment/Hunter - Standardization/Evaluation, 28 October 2024

ACCMAN 17-2 Volume 3, Cyberspace Vulnerability Assessment/Hunter -Operations and Procedures, 28 October 2024

AFH 36-2647, *Competency Modeling*, 8 February 2022

AFI 10-201, *Force Readiness Reporting*, 22 December 2020

AFI 10-217, Management of Air Force Operational Training and Undergraduate Aircrew Training Systems, 22 December 2023

AFI 10-3005, Personnel Recovery Coordination Cell Organization and Training, 15 December 2020

AFI 33-322, Records Management and Information Governance Program, 23 March 2020

AFMAN 13-1 AOCV2, Standardization/Evaluation Program-Air Operations Center (AOC)/Operations Center (OC), 18 February 2020

AFMAN 13-1 AOCV3, Operational Procedures - Air Operations Center (AOC)/Operations Center (OC), 18 December 2020

AFTTP 3-3/3-1.AOC, Combat Fundamentals - Air Operations Center (AOC), 29 September 2023

DAFI 90-302, The Inspection System of the Department of the Air Force, 15 March 2023

DAFMAN 36-2689, *Training Program*, 31 March 2023

DAFMAN 90-161, Publishing Processes and Procedures, 18 October 2023

DAFPD 13-1, Command and Control Enterprise (C2 Enterprise), 21 April 2021

Prescribed Forms

AF Form 4142, Individual Annual Training Record

Adopted Forms

ACC Form 206, Individual Mission Gradesheet

AETC Form 186, Individual Mission Gradesheet - Battle Management

AF Form 8, Certificate of Aircrew Qualification

AF Form 4141, Individual's Record of Duties and Experience Ground Environment Personnel

AF Form 4350, Certificate of Intelligence Qualification

DAF Form 623, Individual Training Record Folder

DAF Form 797, Job Qualification Standard Continuation/Command JQS

DAF Form 847, Recommendation for Change of Publication

Abbreviations and Acronyms

A3—Director of Operations

ACC—Air Combat Command

ACCI—Air Combat Command Instruction

AOC—Air Operations Center

AOC/CC—Air Operations Center Commander

ACOMS—Air Communications Squadron

AETC—Air Education and Training Command

AF—Air Force

AFCENT—Air Forces Central Command

AFFOR—Air Force Forces

AFFORGEN—Air Force Forces Generation

AFGSC—Air Force Global Strike Command

AFI—Air Force Instruction

AFLCMC—Air Force Life Cycle Management Center

AFMAN—Air Force Manual

AFMC—Air Force Materiel Command

AFNORTH—Air Force Northern Command

AFPC—Air Force Personnel Center

AFRC—Air Force Reserve Command

AFSC—Air Force Specialty Code

AFSOUTH—Air Force Southern Command

AFTTP—Air Force Tactics, Techniques, and Procedures

AMD—Air Mobility Division

ANG—Air National Guard

AOC—Air Operations Center

AOCFUN—Air Operations Center Fundamentals

AOCT—Air Operations Center Training

AOCV—Air Operations Center Standardization and Evaluation
ARC—Air Reserve Component
ATO—Air Tasking Order
ATP—Annual Training Plan
BF—Blue Flag
BQ—Basic Qualification
C-NAF—Component Numbered Air Force
C2—Command and Control
C2ISR—Command and Control Intelligence, Surveillance and Reconnaissance
CAM—Course Attendance Matrix
CCDR—Combatant Commander
CCW—Command and Control Wing
CMR—Combat Mission Ready
COD—Combat Operations Division
COOP—Continuity of Operations
COT—Chief of Training
CT—Continuation Training
CTS—Combat Training Squadron
CVA/H—Cyber Vulnerability Assessment/Hunter
DAF—Department of the Air Force
DAFMAN—Department of the Air Force Manual
DAFPD—Department of the Air Force Policy Directive
DAS—Date Arrived Station
DMOC—Distributed Mission Operations Center
DOC—Designated Operational Capability
DRRS—Defense Readiness Reporting System
EOCC—End of Course Critique
FAM—Functional Area Manager
FrOB—Friendly Order of Battle
FTU—Formal Training Unit
HD—Help Desk
HHQ—Higher Headquarters

HQ—Headquarters
IAW—In Accordance With
ICC—Interface Control Cell
IOS—Information Operations Squadron
IQT—Initial Qualification Training
ISR—Intelligence, Surveillance, and Reconnaissance
ISR D—Intelligence, Surveillance, and Reconnaissance
IU-IQT—InUnit Initial Qualification Training
IUT—Instructor Upgrade Training
JFACC—Joint Force Air Component Commander
JQS—Job Qualification Standard
KRADOS—Kessel Run All-Domain Operations Suite
LAN—Local Area Network
MAJCOM—Major Command
MICT—Management Internal Control Toolset
MQT—Mission Qualification Training
MTTL—Master Task Training List
N-CMR—Non-Combat Mission Ready
NGB—National Guard Bureau
OCR—Office of Collateral Responsibility
OCTP—Operational Command Training Program
OPR—Office of Primary Responsibility
PCS—Permanent Change of Station
PMO—Program Management Office
PR—Personnel Recovery
ROE—Rules of Engagement
SEI—Special Experience Identifier
SIDO—Senior Intelligence Duty Officer
SME—Subject Matter Expert
SPINS—Special Instructions
SPO—System(s) Program Office
Stan/Eval—Standardization and Evaluation

TBMCS—Theater Battle Management Core System
TDLOMO—Tactical Data Link Operations Management Organization
TDY—Temporary Duty
TRS—Training Squadron
TRSS—Training Support Squadron
TTG—Test and Training Group
TTL—Training Task List
TTP—Tactics, Techniques, and Procedures
WS—Weapon System

Office Symbols

505 TRS/CC—505th Training Squadron Commander
ACC/A2—Air Combat Command, Directorate of Intelligence
ACC/A23—Air Combat Command, Intelligence Readiness Division
ACC/A23T—Air Combat Command, Intelligence Training Branch
ACC/A25—Air Combat Command, Intelligence, Surveillance and Reconnaissance Systems and Capabilities Division
ACC/A25S—Air Combat Command, Mission Systems Branch
ACC/A3—Air Combat Command, Directorate of Operations
ACC/A3A—Air Combat Command, Airspace, Ranges and Airfield Operations Division
ACC/A3AA—Air Combat Command, Air Operations Branch
ACC/A3C—Air Combat Command, Command and Control, Intelligence, Surveillance and Reconnaissance Division
ACC/A3CO—Air Combat Command, Air Operations Center/Air Force Forces Branch
ACC/A3J—Air Combat Command, Personnel Recovery and Joint Integration Division
ACC/A3O—Air Combat Command, Operations Division
ACC/A3W—Air Combat Command, Weather Operations Division
ACC/A3/2/6K—Air Combat Command, Information Warfare Division
ACC/A5C—Air Combat Command, AOC & AFFOR Requirements Division
ACC/A6O—Air Combat Command, Cyber Transformation Division
ACC/A6OC—Air Combat Command, Command and Control Mission Systems Branch
ACC/IG—Air Combat Command Inspector General
AF/A3T—Air Force, Training and Readiness Directorate
AF/A3TE—Air Force, Exercises and Training Division

AFRC/A3-10—Air Force Reserve Command Director of Operations, Strategic Deterrence and Nuclear Integration

Terms

Ancillary Training—Universal training, guidance, or instruction, regardless of AFSC, that contributes to mission accomplishment.

AOC Personnel—AOC personnel fill operational, mission-essential positions in AOC core divisions and specialty teams. These positions are described in AFMAN 13-1AOCV3. AOC personnel may be military, civilian, or contractor personnel and are permanently assigned to active duty or ARC AOC units. Additionally, due to AOC manning constraints and unique theater or functional requirements, AOC units may require locally developed personnel positions supporting a CDR that are not identified in AFMAN 13-1AOCV3. Unique positions and training associated with these positions will be identified in a unit supplement to this AFMAN.

AOC Support Units—Facilities which provide mission essential information or support to the AOC Enterprise. They include SPO Production Center, 505 CCW, 363 ISR Group, and Operational Support Center HD.

Augmentee—Personnel filling AOC positions on a temporary basis (e.g., TDY or exercises). Augmentees require tailored Theater Orientation training and may require positional training. Augmentee training is the responsibility of the gaining AOC.

Basic Qualification (BQ)—An AOC crewmember who has completed IQT but not completed MQT.

Certification—Procedure used to document competency in a particular task. Not interchangeable with “qualification” which requires AF Form 8, *Certificate of Aircrew Qualification* or AF Form 4350, *Certificate of Intelligence Qualification* documentation. It is also the designation of an individual by the unit commander or division chief as having completed required training and being capable of performing a specific duty.

Combat Mission Ready (CMR)—The status of individuals who successfully complete IQT and MQT, pass a mission qualification, and is approved by the AOC/CC.

Global/functional AOC/OC—An AOC/OC which has function-specific missions that are worldwide in support of a Combatant Command or a subordinate Unified Command with a functional mission. They include: AFSOC OC, 608 AOC (Global/functional Strike), 618 AOC (Mobility), and 616 OC (Cyber).

Geographic AOC—An AOC which has broad-ranging missions constrained to a geographic Area of Responsibility, in support of a geographic unified (or sub-unified) combatant command with an assigned operational area. The geographic AOCs include: 601, 603, 607, 609, 611, 612, and 613 AOCs.

Liaison Officer—In the context of this document, a liaison officer is a representative working for their own respective commander while providing planning/tasking expertise and coordination capability in support of the AOC. A liaison officer may represent an allied nation, sister service, other government agencies, or a unique major WS/mission. AOCs will provide and document theater orientation training to liaison officers to facilitate integration.

MTTL—Documentation of total tasks that may be performed on a weapon system. These lists may include the entire spectrum of tasks in each functional area (operations, maintenance, and support). The master task list provides a task baseline enabling further analysis and the formulation of formal training decisions. MTTL are used to design tasks to be trained to during MQT.

Non-Combat Mission Ready (N-CMR)—This is the status of an individual who does not meet training cycle CT requirements, or at unit commander or division chief direction. N-CMR crewmembers require direct supervision by an instructor.

Requalification Training—Tailored training for formerly-CMR AOC personnel that have become unqualified. The objective is to return to CMR status. Completion will be followed by positional re-evaluation and accomplishment of recurring qualification examination.

Instructor—AOC personnel, authorized via AOC instructor upgrade program and AOC/CC approval, to conduct AOC crewmember training. Instructor may also be contractors with subject matter expertise.

In-Unit Initial Qualification Training (IU-IQT)—Initial Qualification Training conducted by the respective unit. IU-IQT is to be used only under extreme circumstances when a member is unable to attend training at the FTU. An approved IU-IQT request is required PRIOR to the member beginning training.

Theater AOC—The senior TACS element of the Air Component which has broad-ranging missions in support of a Combatant Commander with an AOR, or a Sub-Unified Command with an assigned operational area. The Theater AOCs include: 601, 603, 607, 609, 611, 612, and 613 AOCs.

Service Component Command (SCC)—(U) (DOD) A command consisting of the Service component commander and all those Service forces, such as individuals, units, detachments, organizations, and installations under that command, including the support forces that have been assigned to a combatant command or further assigned to a subordinate unified command or joint task force.

Training Task List (TTL)—Documentation of total training tasks developed for a prime mission system and its respective mission. It includes the entire spectrum of tasks in each functional area requiring training. The TTL provides the training task baseline for all acquisition, modification, support, management, and funding actions through comparison with predecessor or future prime mission systems (AFI 10-217, *Management of Air Force Operational Training and Undergraduate Aircrew Training Systems*). MAJCOMs with their respective AOCs develop AOC TTLs. AF/A3T must approve AOC TTLs. ACC/A3C will standardize all AFMAN 13-1 AOCV3 listed duty positions in their Combat Air Forces TTLs. ACC/A3C will post TTLs to the AOC Intelink site.

Type 1-Training—Contract training by civilian industrial institutions, supporting initial cadre operators and systems/network administrators to be instructors for new or modified AOC systems (often referred to as “train the trainer”). The AOC training manager will coordinate this training with AFMC/AFLCMC specifically the AOC PMO (Air Force Life Cycle Management Center/HSGB). Type 1 Training should be documented as such IAW pertinent AOC Type chapter of this publication.

Unqualified—Previously CMR AOC personnel whose CMR status has lapsed due to any of the following reasons: N-CMR in excess of six months, PCS/permanent change of assignment out of AOC assignment, or AOC/CC-directed. See Requalification Training. Note: AOC crewmember-trainees in IQT are not “unqualified,” they are “not qualified.” In addition, those in MQT status are not unqualified, but rather basic qualified.

Weapon System—A combination of one or more weapons with all related equipment, materials, services, personnel, and means of delivery and deployment (if applicable) required for self sufficiency.

Attachment 2**GLOSSARY OF LINKS**

A2.1. Links. The following links are subject to change.

A2.1.1. 505th Command and Control Wing (CCW): <https://www.505ccw.acc.af.mil/>

A2.1.2. 505th Training Squadron Courses:
https://intelshare.intelink.gov/sites/505trs/Student_Information/Courseware/courses.aspx

A2.1.3. 561st Weapons Squadron: <https://intelshare.INTELINK.gov/sites/561jts/>

A2.1.4. ACC/A3 TRSS Combat Air Force Training Support:
<https://usaf.dps.mil/sites/ACC-A3/TRSS/>

A2.1.5. ACC Inspector General (ACC/IG) Management Internal Control Toolset (MICT) Portal: <https://mict.cce.af.mil/>

A2.1.6. ACC Information Operations Training:
<https://usaf.dps.mil/sites/23859/39IOS/CourseInfoSite>

A2.1.7. ACC Exercise Schedule: <https://usaf.dps.mil/sites/ACC-A3/A3O/A3O7/>

A2.1.8. AF Doctrine: <https://doctrine.af.mil/>

A2.1.9. AMD Training SharePoint:
<https://usaf.dps.mil/teams/10491/SitePages/Home.aspx>

A2.1.10. AOC WS SPO:
<https://intelshare.intelink.gov/sites/aoc/spo/training/default.aspx>

A2.1.11. Air Land Sea Application (ALSA) Pubs: <https://www.alsa.mil/>

A2.1.12. AOC WS CM Library:
<https://intelshare.INTELINK.gov/sites/aoc/spo/DocumentLibrary/>

A2.1.13. AOC Intelink: <https://intelshare.intelink.gov/sites/aoc/a3c/default.aspx>

A2.1.14. ACC Airspace Operations Branch (ACC/A3AA) - SharePoint:
<https://usaf.dps.mil/sites/ACC-A3/A3A/A3AA/>

A2.1.15. Joint Deployment Training Center (Global/functional Command and Control System): <http://www.jdte.eustis.army.mil>

A2.1.16. Joint Doctrine: <https://www.jcs.mil/Doctrine/>

A2.1.17. Joint Knowledge Online: <http://jkodirect.jten.mil/>

A2.1.18. Operational Command Training Program (OCTP) Community of Excellence page:
<https://intelshare.intelink.gov/sites/C2/OCTP/SitePages/Home.aspx>

A2.1.19. Tactical Data Link Operations Management Organization (TDLOMO):
<https://intelshare.INTELINK.gov/sites/tdlomo/default.aspx>

Attachment 3

AIR OPERATIONS CENTER (AOC) REQUIREMENTS

Table A3.1. Air Operations Center (AOC) Requirements.

Major Area	Suggested Topic Areas	Required	Comments	Guidance
Doctrine	Operational Procedures, Joint Operations and Planning, Counter Air and Missile Threats, Interdiction, Joint Targeting, Fire Support, Close Air Support, Information Operations, Cyberspace Operations and Threats, Electromagnetic Warfare, Military Information Support Operations, Military Deception, Air Mobility Operations, Personnel Recovery, Airspace Control, remotely piloted aircraft, Dynamic Targeting, Kill Box, Common Grid Reference System, counter-insurgency, non-combatant evacuation, Counterdrug Ops, Interagency Coordination Humanitarian Assistance, Threat Reference and counter Tactics, Command Relationships and Chain of Command, C2 of Integrated Air and Missile Defense, Anti-Access/Area Denial, air-sea battle, Stand Off Munitions and Decoy integration	Annual	Doctrine component provides background knowledge to support internal team, division, AOC processes, and enhances understanding of Joint and Combined operational level principles.	AOC/CC and division chiefs will determine doctrine documents and areas division and teams will cover for CT. Topics can come from suggested list or as determined by CCDR mission. (T-3)
Major Area	Suggested Topic Areas	Required	Comments	Guidance

Theater Guidance	Theater Operational Plans/concept plans, Theater Air Operations Directives, Theater Joint Air Operations Plan, Theater Rules of Engagement (ROE), Theater Special Instructions, Air Defense Plan and Architecture, Theater Communications Architecture, Joint Data Network Architecture	Semi-Annual	Assumption that these documents are current and in execution. “On-the-shelf” documents may be added as an individual AOC option with an annual/familiarization level	AOC/CC and division chiefs will determine documents and areas division and teams will cover for CT. Topics can come from suggested list or as determined by CCDR Mission (T-3)
Major Area	Suggested Topic Areas	Required	Comments	Guidance
Understanding the Operational Environment	Intelligence Briefings, Reports and Summaries, Friendly order of battle, Enemy order of battle, air-air threats, air-ground threats, Integrated Air and Missile Defense and Missile Threats, General Threat order of battle, Disposition of forces.	Quarterly	Covers wide range of topics and should be pertinent to Theater Mission and objectives.	AOC/CC and division chiefs will determine documents and areas division and teams will cover for CT. (T-3)
Major Area	Suggested Topic Areas	Required	Comments	Guidance
Systems/Applications	Collaboration Tools, Planning Tools, Execution Tools, Communication Tools, Battlespace Awareness and Data Link Tools, Air Mobility Tools, Personnel Recovery Tools, Intel Analysis Tools, Targeting Tools, Space Tools, Cyberspace Tools, Integrated Air and Missile Defense Tools	Quarterly	Covers wide range of topics and should be pertinent to AOC baseline standard applications and theater mission. Refer to AFTTPs 3-1/3-3 AOC for system/application tool recommendations	AOC/CC, division, and team chiefs will determine tools teams will cover for CT. (T-3)

	Web-Page/SharePoint		ATO/Airspace Control Order, Messaging, Air Component Battle Network	
	Variances		Unit Approved Variances	
Major Area	Suggested Topic Areas	Required	Comments	Guidance
AOC Processes	Air Tasking Order (ATO) Cycle, Liaison Integration, Special Technical Operations, Air Operations Directive Development, Information Operations Integration, Cyberspace Integration, Space Integration, course of action development, Assessment, request for information process, Targeting, Weaponneering, processing, exploitation, and dissemination, master air attack planning, C2 Planning, ATO Development, Change, and Release, Airspace Control Order Development, Change, and Release, SPINs Development, Change, and Release, Order of Battle Management, ISR Operations, Dynamic Targeting, Data Base Management, Tanker Operations, Airlift Operations, Personnel Recovery, Air Defense.	Quarterly	A combination of academics, application and process training can satisfy a process & positional training requirements. Special Technical Operations training is only required for positions with the appropriate access. Cover standard processes in AFMAN 13-1 AOC Volume 3, AFTTP 3-3 AOC, and AFTTP 3-1 AOC as a minimum. Consider additional consideration to reviewing platform TTPs.	AOC/CC, division, and team chiefs will determine process to be covered based upon upcoming missions and ongoing threats and operations. (T-3)
	Data Link Planning and Operations			Must establish live links (T-3)

	Exercise Participation once during CT period			Primary Duty
Major Area	Suggested Topic Areas	Required	Comments	Guidance
AOC Processes	Exercises with AOC participation (see note)	Annually		
<p>Note: Requirements for Regular Air Force AOC personnel should be done on a quarterly, semi-annual, annual basis as applicable. For ARC personnel double the Regular Air Force time. Thus, for ARC, annual equals two years, semi-annual equals one year and quarterly equals semi-annually. AOC Intelink site is the most current source, as information in the above table is subject to change. Commanders have the authority to determine topics and events to meet CT requirements.</p>				

Attachment 4

IN-UNIT INITIAL QUALIFICATION TRAINING (IQT) TRAINING PLAN TEMPLATE

Table A4.1. In-Unit Training Plan Template.

IN UNIT INITIAL QUALIFICATION TRAINING PLAN	
TRAINEE NAME:	
START DATE:	
COMPLETION DATE:	
Trainee Initials:	Instr Initials:
1.0. DEPARTMENT of the AIR FORCE MANUAL FAMILIARIZATION	
1.1 AFMAN 13-1 Vol 1	
1.2 AFMAN 13-1 Vol 2	
1.3 AFMAN 13-1 Vol 3	
2.0. TRAINING REQUIREMENTS	
2.1. Initial Qualification Training	
2.2. In-Unit Initial Qualification Training	
2.3. Mission Qualification Training	
2.4. Continuation Training	
3.0. AIR OPERATION CENTER 101	
3.1. Strategy Division	
3.2. Combat Operations Division	
3.3. Combat Plans Division	
3.4. Air Mobility Division	
3.5. Network Administrator	
3.6. Systems Administrators	
3.7. Cyberspace	
3.8. Personnel Recovery Coordination Cell	
3.9. Intelligence, Surveillance and Reconnaissance Division	
3.10. Interface Control Cell	
3.11. Integrated Air and Missile Defense	
3.12. Communications	
3.13. Airspace	
4.0. SYSTEM TRAINING	
4.1. AOC Specific System (e.g., TBMCS, KRADOS)	

A4.1. Minimum Requirements for AOC IU-IQT Plans. Note: Items contained in sample are minimum requirements all AOC IU-IQT Plans must contain. (T-2)

Attachment 5

MISSION QUALIFICATION TRAINING (MQT) TRAINING PLAN TEMPLATE

Table A5.1. Mission Qualification Training (MQT) Training Plan Template.

MISSION QUALIFICATION TRAINING EXAMPLE						
TIME		SUBJECT		INSTRUCTOR	ALTERNATE	INITIALS
Day 1		LOCATION: N:				
7:30	- 8:00	In-Processing				
8:00	- 8:30	Commander Mission Brief				
8:30	- 9:00	Training Administration				
9:00	- 9:10	Break				
9:10	- 10:10	Theater Orientation Training				
10:10	- 10:20	Break				
10:20	- 10:35	FrOB				
10:35	- 11:05	Countries of Interest				
11:05	- 12:35	Lunch				
12:35	- 13:35	Theater Plans				
13:50	- 14:00	Break				
14:00	- 14:45	Continuity of Operations				
14:45	- 15:15	SPINS / ROE				
15:15	- 16:15	Current Operations				
TIME		SUBJECT		INSTRUCTOR	ALTERNATE	INITIALS
Day 2		LOCATION: N:				
8:00	- 11:00	Theater Applications		Positional Trainer		
11:00	- 12:00	Lunch				
12:00	- 13:00	Division Brief		Positional Trainer		
13:00	- 15:00	Positional Training		Positional Trainer		
15:00	- 16:00	Self Study		Student		
TIME		SUBJECT		INSTRUCTOR	ALTERNATE	INITIALS
Day 3		LOCATION: N:				
8:00	- 12:00	Positional Training		Positional Trainer		
12:00	- 13:00	Lunch				
13:00	- 15:00	Positional Training		Positional Trainer		
15:00	- 17:00	AOCV Test		COT		
TIME		SUBJECT		INSTRUCTOR	ALTERNATE	INITIALS
Day 4		LOCATION: N:				
8:00	- 8:20	Local Area Orientation				

8:20	-	8:50	EOCC			
8:50		9:00	Break			
9:00		9:20	Current Intel Briefing			
9:20	-	11:20	Self Study/Positional Training	Student/Positional Trainer		
11:20	-	11:50	AOCV Re-Test	AOCV		
11:50	-	13:00	Lunch			
13:00		16:00	Positional Training	Positional Trainer		

Attachment 6

AIR OPERATIONS CENTER (AOC) COURSE ATTENDANCE MATRIX (CAM)

Table A6.1. Air Operations Center (AOC) Course Attendance Matrix.

	ACC/LUK PDS 0MA	SRP RDT PDS 1EW	OPD RDT PDS 1UN	OOD RDT PDS 1UN	KOP RDT PDS 1UM	ISR RDT PDS 1UM	ASMO RDT PDS 1UM	NET RDT PDS 1UM	SPS RDT PDS 1UM	ASW RDT PDS 1UM	COM RDT PDS 1UM	PKC RDT PDS 1UM	CT RDT PDS 1UM	CC RDT PDS 1UM	JAWC RDT PDS 1UM	IAMD RDT PDS 1UM	CTI/AC PDS 1UM	CSC PDS 1UM	ASAC PDS 1UM	AS/OPC PDS 1UM	AFCDT A&D PDS 1UM	Information Warfare Planners Course (IWP)
AOC Commander																						
Dep AOC Commander																						
Strategy Division																						
Strategy Division Chief																						
Deputy Strategy Division Chief	M ²¹	M																				
Strategy Plans Team Chief	M ²¹	M																				
SPT Members	M ²¹	M																				
Strategy Guidance Team Chief	M ²¹	M																				
SGT Members	M ²¹	M																				
Operational Assessment Team Chief	M ²¹	M																				
Operational Assessment Team	M ²¹	M																				
Combat Plans Division																						
Combat Plans Division (CPD) Chief																						
Deputy Combat Plans Division (CPD) Chief	M ²¹	M																				
TET Chief	M ²¹	M																				
TET Members	M ²¹	M																				
MAAP Chief	M ²¹	M																				
MAAP Team Members	M ²¹	M																				
C2 Plans Chief	M ²¹	M																				
C2 Plan Team Members	M ²¹	M																				
A10 Production Team Chief	M ²¹	M																				
A10 Production Team Members	M ²¹	M																				
Combat Operations Division																						
Combat Operations Division Chief																						
Deputy Combat Operations Division Chief	M ²¹	M																				
Senior Offensive Duty Officer (SODO)	M ²¹	M																				
Senior Offensive Duty Officer Technician (SODOT)	M ²¹	M																				
Offensive Duty Officers	M ²¹	M																				
Offensive Duty Technicians (ODTs)	M ²¹	M																				
Senior Air Defense Officer (SADO)	M ²¹	M																				
Senior Offensive Duty Technician	M ²¹	M																				
Defensive Operations Officers	M ²¹	M																				
Defensive Duty Technician	M ²¹	M																				
Senior Intelligence Duty Officer (SIDO) Team	M ²¹																					
Joint Interface Control Officer (JIICO)	M ²¹																					
Interface Control Cell	M ²¹																					
Joint Data Network Officer	M ²¹	M																				
Common Operational Picture (COP)/Common Tactical Picture (CTP) Team	M ²¹	M																				
Intelligence, Surveillance and Reconnaissance Division																						
Intelligence, Surveillance, and Reconnaissance (ISR) Division Chief (DIR)																						
Deputy ISR Division Chief	M ²¹																					
Analysis, Correlation and Fusion (ACF) Team Chief	M ²¹																					
Analysis, Correlation and Fusion (ACF) Team	M ²¹																					
Targets/Tactical Assessment (TGT/TA) Team Chief	M ²¹																					
Targets/Tactical Assessment (TGT/TA) Team	M ²¹																					
ISR Operations Team Chief	M ²¹																					
ISR Operations Team	M ²¹																					

*Note: Training for positions identified in AFMAN 13-1 AOC, Vol 3 and not listed above, will be accomplished based on the Division to which the member is assigned. Additional guidance can be obtained by contacting ACC/A3CO.

Table A6.2. Air Operations Center (AOC) Course Attendance Matrix (Continued).

	ADCFUN PDS DMA	STR KIT PDS UNW	CPD KIT PDS UNW	COO KIT PDS UNW	IOWC KIT PDS UNW	ISR KIT PDS UNW	AMD KIT PDS UNW	NET KIT PDS UNW	SYS KIT PDS UNW	ASP KIT PDS UNW	COM KIT PDS UNW	PRC KIT PDS UNW	C2T KIT PDS UNW	CC KIT PDS UNW	JAOCSL PDS UNW	IAAMD KIT PDS UNW	CSAC PDS UNW	ACSILC PDS UNW	ACSTOPC PDS UNW	AFCENT AMO PDS UNW	Information Warfare Planners Course (IWPC)
Air Mobility Division																					
Air Mobility Division Chief/Deputy																					
Air Mobility Division Deputy	M ¹¹						M											D ¹⁰	D ¹⁰	S ¹⁴	
ALCT Chief	M ¹¹						M ¹											O ²		S ¹⁴	
ARCT Chief	M ¹¹						M ¹											O ²		S ¹⁴	
ARCT Members	M ¹¹						M ¹											O ²		S ¹⁴	
AMCT Chief	M ¹¹						M ¹											D ²	X	S ¹⁴	
AECT Chief	M ¹¹						M ¹											O ²		S ¹⁴	
Specialty Support Teams																					
Airspace Management Team	M ¹¹							M										O ²			
AOC Communications Squadron	M ¹¹						M ¹	M ¹	M ¹		D										
Coalition/Allied Liaisons (D-6 and above)																		D			
Coalition/Allied Liaisons (Limited to ACGU partner nations)													D	D ²							
Director of Cyber Forces (DIRCYBERFOR)																			D ¹⁰		
Director of Mobility Forces (DIRMOBFOR)																			D ¹⁰		
Judge Advocate (JA)													M	D ²	D ¹⁰	X					
Component Liaisons (AAMDC, BCD, SOLE, ADAFOO, COLE, SplE)													D ²	O ²				X			
Component Liaisons (MARLE, NALE)																		D ¹⁰			
Information Warfare Team	M ¹¹	M ¹	M ¹	M ¹	M ¹	M ¹												D ²	X	S ¹¹	
PRCC Chief/Team	M ¹¹									M								D ²	X		
Special Technical Operations (STO) Team																		D ²	X ¹		
Weather Specialty Team	M ¹		OT											M ¹	O ²						
Knowledge Management	M ¹													M ¹							

Legend:

- M - Mandatory Training: Training required to achieve basic qualified status for IQT.
- D - Desired Training: Training desired based on AOC position and responsibilities assigned.
- O - Optional Training: These positions are encouraged to apply to attend to enhance capability. Selection is based on capacity of each course.
- S - Suitable Substitution for 609 AOC Only
- X - Decisional: Units calculate total STO billets and allocate available ACSTOPC training line numbers to maintain at least 40% of total FAB personnel trained within 6 months of read-in.
 - All STO team chiefs MUST attend ACSTOPC within 6 months of read-in.
 - Attendance is by board review of nominations. Specific class makeup takes into account priority needs of the AF and an optimum mix of skill sets.
 - Sgt & below should attend C2T instead of COO/CPD.
 - Personnel from the following AOCs attendance is mandatory: 603, 607, 609, 613 and ARC aligned units. Mandatory for 612 AOC AD planner and SAOO positions.
 - Request appropriate AMD track training to fill vacancy (e.g. ALCT, ARCT, AMCT, AECT)
 - Officers and E-6 and above should attend COM course. Network and System Administrator specialists should attend NET or SYS, respectively.
 - STR, CPD, COO or ISR IQT courses may be substituted if positions warrants additional training.
 - Information Warfare team members may attend STR, CPD, COO, ISR, IOWC or IOIC as AOC position dictates.
 - Six and below will only attend ADCFUN, NCO and above only attend JAOC2C.
 - Air Component Senior Leader Course (ACSILC) is designed for AOC Commanders and Div Chiefs and is ACC funded. Deputy Div Chiefs can attend Division Course or ACSILC depending on capacity.
 - AOC Fundamentals is a 4-day pre-req course for the following IQT courses: ASP, PRC, C2T, STR, CPD, COO, ISR, AMD, COM, SYS, NET and ICC. See ETGA for course DMA for exemptions to mandatory attendance.
 - AOC NALE and MARLE Directors and Deputy Directors may attend the ACSILC as an unfunded Tier 2 student.
 - Optional for Information Warfare Team: Information Warfare Planners Course (IWPC). This course is unit funded.
 - Applicable to AFCENT AMO-AME, A1H1F, Logistics, Tactics, Tanker courses taught by OI-4, 435 TRS USAF-EC