

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

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



7 DECEMBER 2011

Space, Missile, Command, and Control

**GROUND ENVIRONMENT TRAINING AIR
OPERATIONS CENTER (AOC)**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available on the e-Publishing website at www.e-publishing.af.mil for downloading or ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: AF/A3O-AC

Supersedes: AFI 13-1 AOC Volume 1,
1 August 2005

Certified by: AF/A3O
(Maj Gen Brett T. Williams)

Pages: 32

This Air Force Instruction (AIF) implements guidance in *Air Force Policy Directive (AFDP) 13-1, Theater Air Control System (TACS), AFDP 13-3, Air Force Network Operations (AFNETOPS), AFDP 10-29, Worldwide Aeromedical Evacuation Operations, AFDP 10-3, Air Reserve Component, AFDP 10-7, Information Operations, AFDP 10-12, Space, and AFDP-21, Air Mobility Lead Command*. Headquarters (HQ) United States Air Force (HQ USAF)/A3O-AC is the Office of Primary Responsibility (OPR) for this instruction. Certain lead responsibilities for the Air Operation Center (AOC) Weapon System (WS) management are delegated to major commands (MAJCOMS). HQ Air Combat Command (ACC)/A3C, ACC/A2R, ACC/A2X, ACC/A3I, ACC/STO, ACC/A3A, ACC/A6O, ACC/A3W, Air Force Command and Control Integration Center/Command, Requirements Division (AFC2IC/C2C), HQ Air Mobility Command (AMC)/A3M, HQ United States Air Forces Europe (USAFE)/A3Y, HQ Pacific Air Forces (PACAF)/A3/5/8, HQ Air Force Space Command (AFSPC)/A3T, HQ Air Force Special Operations Command (AFSOC)/ A3T, HQ Air Force Global Strike Command (AFGSC)/A3/5, HQ National Guard Bureau (NGB)/A3Y, HQ Air Force Reserve Command (AFRC)/A3T, HQ Air Force Material Command (AFMC)/ESC/HSG/CC, HQ USAF Warfare Center (USAFWC) are Offices of Collateral Responsibility (OCR). This document provides guidance to Air Force component AOCs supporting combatant commanders including their aligned Air National Guard (ANG) and Air Force Reserve (AFR) AOC units. This instruction applies to AOC crewmembers as defined in AFI 13-1AOCV3, *AOC Organization and Operational Procedures*, as well as duty positions listed within the various chapters within the volume. This AFI also establishes required training for liaison personnel and augmentees. AOC communications personnel are subordinate to the ACOMS/CC and C-NAF A6 and therefore are not required to comply with this AFI except as follows: 1) All AOC communications personnel, including supply and logistics will follow AFTO 33A-1001 and other guidance provided by MAJCOM A6's and 2)

per lead MAJCOM A6, all communications personnel supporting AOC Networks, System Administration, and Communications Focal point operations will attend the AOC formal training unit (FTU) Networks, SYSAD, and Communications courses as appropriate for their positions. Parent MAJCOMs of geographic AOCs and Air Reserve Component (ARC) aligned units may supplement this AFI. Parent MAJCOMs of functional AOCs will supplement this AFI. Supplements will be coordinated through appropriate chain of command to HQ USAF/A3O-AC with information copy to ACC/A3C. HQ USAF/A3O-AC is the waiver authority for this instruction. Unless otherwise noted in this AFI, HQ USAF/A3O-AC delegates waiver authority to AOC parent MAJCOMs. ARC aligned units will coordinate any waivers to this AFI through either NGB/A3Y or AFRC/A3T and obtain approval from AOC parent MAJCOM. ACC/A3C will be notified of all MAJCOM waivers, and forward them to HQ USAF/A3O-AC, to modify this instruction prior to implementation. Send comments and suggested improvements to this instruction on an AF IMT 847, Recommendation for Change of Publication, through appropriate chain of command to AFI OPR HQ USAF/A3O-AC in accordance with (IAW) procedures in AFI 33-360, Publications and forms management and MAJCOM Supplement.

This publication requires the collection and maintenance of information protected by the Privacy Act of 1974. The authorities to collect and maintain the records prescribed in this publication are Title 10, United States Code, Section 8013 and Executive Order 9397 (SSN) as amended by Executive Order 13478. Forms affected by the Privacy Act have an appropriate Privacy Act statement. System of records notice F036 AF PC N, *Unit Assigned Personnel Information* applies.

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SUMMARY OF CHANGES

This document is substantially revised and must be completely reviewed.

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Chapter 1

POLICY AND CONCEPTS

1.1. Introduction

1.1.1. This AFI provides guidance for geographic, functional, and ARC aligned AOC training programs. Guidance for geographic AOCs is applicable to Rapid Augmentation Team (RAT) as established by AF Program Action Directive (PAD) 10-2, Direction to Restructure Command and Control of Component Numbered Air Forces.

1.1.1.1. Chapter 1 lists general training guidance applicable to all AOCs. Specific AOC and ARC aligned AOC units training program requirements are explained in Chapter 2. Due to the nature of their organizational structure and differing processes, functional AOC training program requirements will be addressed in functional MAJCOM/unit supplements.

1.1.1.2. ARC unit CCs will ensure their annual training plans include training to maintain worldwide deploy ability.

1.1.2. This AFI outlines AOC training concept, structure and responsibilities.

1.1.3. This AFI applies to AOC crewmembers to include specialty teams and also establishes required orientation training for liaison/augmentation personnel.

1.1.3.1. AOC crewmembers, to include specialty teams, fill operational mission essential positions in the AOC. These positions are listed in AFI 13-1AOCV3, *AOC Organization and Operational Procedures*. AOC crewmembers 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 crewmember positions supporting a combatant commander that are not identified in AFI 13-1AOCV3. Unique positions and training associated with these positions will be identified in a unit supplement to this AFI.

1.1.3.2. Liaison/augmentation personnel may represent other weapon systems, components, commands, government agencies, or coalition partners. They are administratively subordinate to their parent organizations while working within the AOC and will receive orientation training from the host AOC. Orientation training specifics are outlined in paragraph 2.3 of this AFI.

1.1.3.3. Augmentees on temporary assignment to a host AOC Commander (AOC/CC) must receive locally developed orientation training by the host AOC.

1.1.4. This AFI directs formal appointment of AOC trainers with a unit developed trainer training program. Guidance on AOC trainer training can be found in paragraph 2.4 of this AFI.

Note: AOC crewmember training, as outlined in this AFI, is a separate program from Air Force On-the-Job Training (OJT). OJT is governed by AFI 36-2201 Vol 3, *Air Force Training Program On-the-Job Training Administration*, and documented on the AF Form 623, On-the-Job Training Record or other AF approved system (for enlisted members only). There is a potential

overlap of training requirements and events. Even so, AOC training and career field training documentation are separate programs.

1.2. General

1.2.1. AOC training: There are two overarching categories of AOC training, crewmember and orientation training. AOC crewmember training consists of Initial Qualification Training (IQT) and Mission Qualification Training (MQT) for all AOC crewmembers qualifying to Combat Mission Ready (CMR). Upon receipt of CMR designation, all AOC CMR crewmembers will then complete Continuation Training (CT) requirements IAW paragraph 2.2.3. Additionally, each unit will conduct orientation training as outlined in paragraph 2.3 of this AFI for augmentees and liaison personnel.

1.2.2. All training will be documented (See paragraph 2.5 of this AFI). Units will document IQT and MQT in the AOC learning management system (LMS) utilizing electronic AF Form 4141, *Individuals' Record of Duties and Experience, Ground Environment Personnel*. Functional communities such as Intelligence, Cyber, and Information Operations, may use command directed LMS systems to track IQT, MQT, and CT as long as the system provides equivalent information and is accessible to AOC training management personnel. Continuation training (CT) will be documented on locally developed tracking systems, other (Sharable Content Object Reference Model (SCORM) compliant) electronic storage means, or LMS AF Form 4142, *Individual Annual Training Record*, when developed. Units may maintain manual training folders as backups only. Units will maintain IQT/MQT training documentation on personnel until PCS and forward to next unit if at an AOC. Following award of CMR status, IQT/MQT training documentation and certificates may be maintained in unit developed grade books, or maintained in unit developed training folders. Award of CMR will be documented IAW AFI 13-1AOC, Volume 2, AOC Standards and Evaluation. Additionally, this CMR will be annotated by training personnel on AF Form 4141.

1.2.3. All AOCs and affiliated units will have an annual training plan (ATP). An example can be found on the AOC community of practice (CoP) page (see attachment 2, Glossary of Links for the CoP address).

1.2.4. Any reference to "days" means calendar days. The training year coincides with the fiscal year (FY).

1.2.5. Any reference to Formal Training Unit (FTU), unless stated otherwise, is intended to mean the FTU at Hurlburt Field, FL, operated by the 505th Command and Control Wing (CCW).

1.3. Responsibilities

1.3.1. HQ USAF/A3O-AC: Provides oversight of this AFI and maintains air staff advocacy and develops policy for the AOC weapon system (WS).

1.3.2. HQ ACC

1.3.2.1. Serves as lead MAJCOM for the AOC WS.

1.3.2.2. ACC/A3

1.3.2.2.1. ACC/A3C

1.3.2.2.1.1. Coordinates with other OCRs and organizations such as ESC as

needed, and provides Combat Air Forces (CAF) AOC training oversight and direction.

1.3.2.2.1.1.1. Reviews and provides ACC/A3 with approval recommendation for the AOC FTU and any advanced AOC courseware content, training tasks, and syllabi.

1.3.2.2.1.1.2. Coordinates with MAJCOMs and other services for class quotas to the AOC FTU and other selected AF and joint formal schools (e.g., Coalition/Joint Senior Service Course [C/JSSC] and the multi-tactical data link (TDL) network (MTN) courses.

1.3.2.2.1.1.3. Develops, coordinates, and approves standardized (master) training task lists (TTLs) for all AOC levels (division, team, and positional). Additionally, develops, coordinates, and approves standardized (master) TTLs for Personnel Recovery Coordination Cell (PRCC), weather specialty team, IO, and other specialty teams in all AOCs. TTLs will be posted to appropriate MAJCOM AOC CoP (see attachment 2, Glossary of Links for CoP addresses.).

1.3.2.2.1.1.4. Establishes general CT training requirements for Geographic AOCs, ARC aligned units and the RAT. Functional AOCs will receive their general CT requirements from their parent MAJCOMs.

1.3.2.2.1.2. Maintains a CoP website hosting current AOC training materials. (See Attachment 2 of this AFI for the CoP address.)

1.3.2.2.1.3. Directs effort to develop/maintain an LMS to support the AOC WS.

1.3.2.2.1.4. Leads distributed mission operations (DMO) development to support the AOC WS.

1.3.2.2.1.5. Leads development of distance learning content to augment AOC training.

1.3.2.2.1.6. Provides training materials to AOCs, as appropriate.

1.3.2.2.1.7. Coordinates all exercises to include DMO & live, virtual, and constructive (LVC) with AOCs, as appropriate.

1.3.2.2.1.8. Maintains and updates AOC master question file (MQF) in LMS as required.

1.3.2.2.1.9. Collaborates with other MAJCOMs concerning AOC training guidance and resources (e.g. TTLs, training suites, etc.)

1.3.2.2.2. ACC/A3I is an OCR

1.3.2.2.2.1. Develops standardized (master) TTLs, 797s, plan of instruction (POIs) and any training material for the AOC IO Team. This office coordinates through ACC/A3C for release to the field. TTLs will be posted to the ACC/A3I CoP (See Attachment 2 for link).

1.3.2.2.2.2. Provides expert review of 505 CCW courseware content to ACC/A3C.

1.3.2.2.3. ACC/A3W is an OCR

1.3.2.2.3.1. Develops standardized (master) TTLs, 797s, POIs and any training material for the AOC Weather Team. This office coordinates through ACC/A3C for release to the field. TTLs will be posted to the AOC CoP.

1.3.2.2.3.2. Provides expert review of 505 CCW courseware content to ACC/A3C.

1.3.2.2.4. ACC/A3A is an OCR.

1.3.2.2.4.1. Develops standardized (master) TTLs, 797s, POIs and any training material for the AOC Airspace Specialty Team. This office coordinates through ACC/A3C for release to the field. TTLs will be posted to the AOC CoP.

1.3.2.2.4.2. Provides expert review of 505 CCW courseware content to ACC/A3C.

1.3.2.2.5. ACC/STO is an OCR.

1.3.2.2.5.1. Develops standardized (master) TTLs, 797s, POIs and any training material for the AOC STO Team. This office coordinates through ACC/A3C for release to the field. TTLs will be posted to the AOC CoP.

1.3.2.2.5.2. Provides expert review of 505 CCW courseware content to ACC/A3C.

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

1.3.2.3. ACC/A2 is an OCR.

1.3.2.3.1. ACC/A2X is the OPR for all AOC ISRD policy and guidance issues and for staffing A2 inputs to AFI 13-1AOC volumes and the OPR for the AFI 14-2AOC volumes.

1.3.2.3.2. ACC/A2R develops standardized (master) TTLs, 797s, POIs and any training material for the AOC Intelligence, Surveillance and Reconnaissance Division (ISRD) and Senior Intelligence Duty Officer (SIDO) Team. Coordinates through ACC/A3C for release to the field and coordinates expert review of all AOC courseware content to include 505 CCW courses to ACC/A3CT. TTLs will be posted to the ACC/A2R CoP (see attachment 2 for the link).

1.3.2.3.3. A2R chairs an annual ISRD training conference to review this instruction and training requirements and programs for intelligence personnel within CAF AOCs. Conference participants will include applicable active and reserve component ISRD representatives.

1.3.2.4. ACC/A6O is an OCR and develops standardized training materials and guidance for the AOC communications support teams. A6O provides expert review of 505 CCW courseware content to ACC/A3C.

1.3.2.5. AFC2IC/C2C is an OCR and is responsible for coordinating with ESC all type 1 training for fielding of new or upgraded capabilities.

1.3.3. USAF Warfare Center (USAFWC)

1.3.3.1. 505 CCW

1.3.3.1.1. 505th Training Squadron (TRS)

1.3.3.1.1.1. Conducts in-residence, FTU courses for AOC personnel on C2 organizations, processes, and systems used to employ air, space, and cyber forces at the operational level of war.

1.3.3.1.1.2. Provides initial Tactical Data Link (TDL) and multi-TADIL (Tactical Information Data Link) network (MTN) training to all AF AOC interface control cell (ICC) members.

1.3.3.1.1.3. Until formally supported by the ACC/TRSS, the 505 TRS will develop, maintain, update, and submit syllabi and academic lessons to ACC/A3C for approval.

1.3.3.1.1.4. Provides ACC/A3CT semi-annual report covering graduation results for each course and a complete list of unit feedback with corrections concerning FTU instruction since last report.

1.3.3.1.1.5. The AOC FTU, in coordination with MAJCOM and Air Force Personnel Center (AFPC), annotate the date in LMS and award the appropriate basic special experience identifier (SEI) to AOC IQT course graduates.

1.3.3.1.2. 705 TRS

1.3.3.1.2.1. Provides advanced, operational-level academics for the AOC weapons system with courses targeted to: staff, division chiefs, commanders, and General Officers as well as support for exercises, experiments and operations. For more information see the 705 TRS webpage (attachment 2).

1.3.3.1.2.2. Supports Air University's Combined/Joint Force Air Component Commander (C/JFACC) and School of Advanced Air and Space Studies (SAASS) courses with operational-level academics focused on key AOC processes used in the command of joint and combined air and space combat resources.

1.3.3.1.3. 505 (Operational Support Squadron) OSS:

1.3.3.1.3.1. Provides a Combined Air Operations Center (CAOC) to train USAF, joint, and multi-national warfighters on C2 processes and systems at the operational level of war. Also develops and tests C2 tactics, techniques and procedures for Air Component assets to enhance integration of combat power at the operational and tactical levels.

1.3.3.1.3.2. 505 OSS supports AOC training events which include: RED FLAG, Weapons School Mission Employment (WSME) and VIRTUAL FLAG to include face-to-face debrief capability at the STO (Special Technical Operations) level. Unit supports C2 TTP development, tests, and experiments. Unit provides ISR/EW/IO training to ground forces at National Training Center (NTC) events, Joint Readiness Training Center (JRTC) events and Joint Multinational Readiness Center (JMRC) events.

- 1.3.3.1.4. Distributed Mission Operations Center (DMOC): DMOC provides high fidelity, artificial theater battlespaces and exercise control to support joint distributed warfighter training, mission rehearsal, and testing across the operational and tactical levels of war. For more information see the 705th Combat Training Squadron (CTS) webpage located through the AF Portal.
- 1.3.4. HQ USAFE, HQ PACAF, and HQ AFGSC
- 1.3.4.1. Collaborate with ACC/A3C concerning AOC training guidance and resources.
- 1.3.4.2. Monitor subordinate unit training and ARC aligned unit training management.
- 1.3.4.3. Provide training materials, guidance and coordinate exercises to subordinate and ARC aligned units.
- 1.3.4.4. Coordinate test events and WS upgrades with the system program office (SPO) and subordinate units.
- 1.3.4.5. Coordinate with ACC/A3CT for class quotas to all AOC formal schools.
- 1.3.4.6. Establish standard formats for mandatory reporting items as defined in this AFI.
- 1.3.4.7. Review unit ATPs and approve MQT/CT content.
- 1.3.5. HQ AMC
- 1.3.5.1. Coordinates with the 505 CCW, Mobility Operations School (MOS) Det 1/CC at Hurlburt Airfield, Fl., and geographic AOC Air Mobility Divisions (AMDs) to develop master Air Mobility Division (AMD) TTLs for geographic AOCs and Air Mobility Operations Squadrons (AMOS). AMC coordinates with ACC/A3C for approval and release to the field. TTLs will be posted to the AMD Training CoP (See attachment 2).
- 1.3.5.2. Coordinates with the 505 CCW, (MOS) Det 1/CC, geographic AOC AMDs, and AMOS units to develop course material for the FTU.
- 1.3.5.3. Coordinates with geographic AOC AMDs and AMOS units to develop AMD MQT and CT training tables. Training tables will be posted to the AMD Training CoP (See attachment 2)
- 1.3.5.4. Coordinates with ACC/A3CT for class quotas to AOC formal schools.
- 1.3.5.5. Provides training oversight and direction of Mobility Air Forces (MAF) 618 AOC (TACC).
- 1.3.5.5.1. Approves MAF AOC formal course content.
- 1.3.5.5.2. Develops, coordinates and approves TTLs at all levels for the MAF AOC.
- 1.3.5.5.3. Establishes general CT requirements for the MAF AOC.
- 1.3.5.6. Provide training materials, guidance and coordinate exercises to subordinate and ARC aligned units.
- 1.3.6. HQ AFSPC
- 1.3.6.1. Assists ACC/A3 and geographic AOCs in the development of a master TTL for their respective Space Support and Cyber specialty teams.

1.3.6.2. Provides expert review of space and cyber related FTU content to ACC/A3C. Coordinates with ACC/A3C for proper maintenance of TTLs.

1.3.6.3. Provides training oversight and direction of 614 AOC.

1.3.6.3.1. Approves 614 AOC formal course content.

1.3.6.3.2. Develops, coordinates, and approves TTLs at all levels for the 614 AOC.

1.3.6.3.3. Establishes general MQT/CT requirements for the 614 AOC.

1.3.6.4. Coordinates with ACC/A3CT for class quotas to AOC formal schools.

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

1.3.7. HQ AFSOC

1.3.7.1. Provides expert review of special operations-related FTU content to ACC/A3C.

1.3.7.2. Provides training oversight and direction of the 623 AOC.

1.3.7.2.1. Approves 623 AOC formal course content (if applicable).

1.3.7.2.2. Develops, coordinates, and approves TTLs at all levels for the 623 AOC.

1.3.7.2.3. Establishes general MQT/CT requirements for the 623 AOC.

1.3.7.3. Coordinates with ACC/A3CT for class quotas to AOC formal schools.

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

1.3.8. HQ AFMC/ESC SPO (ESC/HSG)

1.3.8.1. Coordinates Type-1 (initial system/application fielding or difference) training with HQ AFC2IC/C2C and A3C, MAJCOM OPRs, AOCs training and system manager personnel, and ARC aligned training suite equipped units.

1.3.8.2. Provides Type-1 training to AOCs and ARC aligned training suite-equipped units for new or upgraded AOC systems and applications.

1.3.9. HQ NGB and HQ AFRC

1.3.9.1. Collaborate with ACC/A3C and other supported MAJCOMs concerning AOC training resources, requirements, limitations, and opportunities (formal schools).

1.3.9.2. Obtain resources (money/man-days) for formal AOC training (IQT, MQT, and CT) and exercises.

1.3.10. AOCs and ARC aligned units

1.3.10.1. AOC or ARC Unit Commander

1.3.10.1.1. Establishes and maintains AOC training program IAW higher headquarters (HHQ) guidance.

1.3.10.1.2. Ensures sufficient training between AOC and ARC aligned unit to meet mission requirements is coordinated and synchronized as appropriate. Active duty

- units will include ARC aligned unit training requirements when developing manpower requirements for all exercises.
- 1.3.10.1.3. Issues AOC training program guidance.
 - 1.3.10.1.4. Reports AOC training shortfalls and limiting factors (LIMFACS) to HHQ (ARC units will report to parent MAJCOM via AFRCC/NGB).
 - 1.3.10.1.5. Provides training status to HHQ as requested (ARC units will report to parent MAJCOM via AFRCC/NGB).
 - 1.3.10.1.6. Designates a unit AOC Training Manager (TM).
 - 1.3.10.1.7. Designates AOC trainers.
- 1.3.10.2. AOC TM
- 1.3.10.2.1. Manages the unit AOC training program, coordinates with ARC aligned units, and serves as the AOC CC's POC for all applicable AOC training items.
 - 1.3.10.2.1.1. Coordinates class slots with the MAJCOM POC for AOC formal training courses.
 - 1.3.10.2.1.2. Provides guidance, assistance, and review of division/team training programs.
 - 1.3.10.2.1.3. Ensures the appropriate AOC SEI is awarded IAW *Officer and Enlisted AFECD, Air Force Enlisted Classification Directory, Part I, II and AFOCD, Air Force Officer Classification Directory*: The AOC FTU, in coordination with MAJCOM and AFPC, will award the appropriate basic AOC SEI to AOC IQT course graduates.
 - 1.3.10.2.1.4. Ensures full range of AOC training is accomplished and documented IAW this AFI and approved local supplements or operating instructions.
 - 1.3.10.2.1.5. Coordinates Type-1 training with the SPO and the AOC Systems Manager.
 - 1.3.10.2.2. Produces an ATP (see AOC CoP for example), approved by the AOC/CC, and forwards to the parent MAJCOM OPR. Active duty units will coordinate ATP with ARC aligned units to achieve maximum integrated training while providing flexibility for ARC units to align training with all available opportunities.
 - 1.3.10.2.3. Reports AOC training program status, LIMFACs, and recommendations to the commander as directed.
 - 1.3.10.2.4. AOC TM should attend and serve as the AOC CC's POC for the ACC led Syllabus Review Conference (SRC).
- 1.3.10.3. Division/Specialty Team Training Officers/Managers: In coordination with the AOC TM, AOC division/specialty team training officers/managers will manage all aspects of assigned division and team training. These individuals will be appointed by the appropriate division or specialty team chief.

Chapter 2

AOC TRAINING PROGRAM

2.1. Introduction: This chapter provides AOC training requirements with program details for Geographic AOCs and their ARC aligned units. Functional AOCs will abide by this chapter unless otherwise identified in their Unit/MAJCOM supplement, which will take precedence, and no waiver is required.

2.1.1. Crewmember training is a sequential, three-phased program to reach and maintain CMR status. Phases are: IQT, MQT, and CT.

2.1.2. Orientation training contains portions of the sequential three-phased crewmember training program tailored to the crewmember's individual experience. Orientation training may result in awarding of CMR Status and awarding of a SEI upon training completion.

2.2. Crewmember Training Program

2.2.1. Initial Qualification Training (IQT):

2.2.1.1. IQT provides the training necessary to qualify AOC crew-members in a generic division/team level position without regard to a specific AOC's mission. Upon completion of IQT, crewmembers attain BQ status and are awarded the appropriate AOC SEI. BQ is the qualification status of an AOC crew member who has satisfactorily completed IQT and is qualified to perform AOC divisional/team duties. The member must meet the minimum academic and performance standards set forth by the AOC weapons system FTU. BQ is not a long-term status nor does it imply position specific expertise; individuals are required to continue training progressing to MQT to improve and attain proficiency on positional duties and tasks related to their unit's mission.

2.2.1.1.1. AOCs must request a waiver from their MAJCOM OPR for each individual unable to attend FTU. Personnel waived from FTU attendance must complete In-Unit IQT (IUIQT). IUIQT will be accomplished using the FTU course syllabus and materials to the maximum extent possible within unit resources.

2.2.1.1.2. Not all AOC duty positions are accommodated by FTU in-residence courses (List located on AOC CoP - See Attachment 2). For those that are standard but not taught at the FTU, ACC/A3C or MAJCOM OPR is responsible for development of a MAJCOM approved IQT program. For those non-AFI 13-1AOC, volume 3 crew positions unique to their AOC/CCDR, IQT development is a unit responsibility. For AMD positions not accommodated by the FTU a list is posted on the AMD Training CoP, see Attachment 2.

2.2.1.1.3. Attending IQT enroute to the AOC permanent change of station (PCS) location is the preferred method IAW this AFI. AOC TMs must ensure this occurs to the maximum extent possible. If IQT enroute to PCS is not an option, contact the gaining unit MAJCOM POC who will then coordinate with ACC/A3CT.

2.2.1.2. Purpose: IQT provides foundational knowledge, skills, and context for follow-on training. IQT provides basic skills to all AOC crewmembers in order for them to work in

an AOC, but does not provide theater specifics. Crewmember theater duty requirements will be acquired through unit MQT program.

2.2.1.3. Method: IQT will consist of students taking the advanced distributed learning (ADL) lessons in LMS and an FTU course. AOC crewmembers will attend the FTU in-residence unless otherwise noted on AOC CoP or approved MAJCOM supplement for functional AOCs. Members learning a secondary AOC duty position will be allowed to return to the FTU with MAJCOM OPR and ACC/A3CT coordination and approval.

2.2.1.3.1. There are only four courses currently approved as “in-lieu-of” courses for prescribed FTU courses: The USAF Weapons School Space Superiority course at Nellis AFB, NV for AOC space personnel; the Advanced Study of Air Mobility (ASAM) course at the USAF Air Expeditionary Center at McGuire AFB, NJ; the SAASS at Maxwell AFB, AL for Strategy Division personnel; and the C/JSSC Course at Hurlburt Field, FL, for Division Chiefs. These courses include AOC and AOC process training which are applicable to the positions these crewmembers normally work. These and any new “in-lieu-of” courses may be found on the AOC CoP.

2.2.1.3.2. AOC crewmember positions are mapped to FTU and “in-lieu-of” courses on the AOC CoP.

2.2.1.4. Timeline: Crewmembers attending FTU will complete IQT upon graduation. IUIQT will be completed within 120 days from start date for active duty personnel and 18 months for ARC personnel. IUIQT must be started no later than 30 days (180 days for ARC personnel) following date arrived station (DAS). If necessary for mission accomplishment, IUIQT may be completed prior to FTU attendance, but IQT SEI should not be awarded until crewmember attends FTU.

2.2.1.5. Exceptions: Exceptions to the IQT timeline may occur via extension or incomplete result in training. Note: IQT is a onetime event and an individual returning to an AOC assignment after having previously accomplished IQT need not re-accomplish this phase. They must still complete appropriate training outlined by unit training manager following records review. This is not a waiver and the original IQT completion date remains in effect. Qualification in a new AOC position may require a different IQT or FTU class, in which case IQT may be reaccomplished for the new position. Attendance in new FTU class will require AOC TM request, MAJCOM POC and ACC/A3CT approval.

2.2.1.5.1. *Extension:* AOC/CCs may grant a single 30-day extension (ARC aligned unit commanders may grant 180 days) for completion of IQT. Following the AOC/CC extension, the CC, upon review of the individual’s training to date, may request an additional extension from MAJCOM OPR of 30 days. If after the AOC/CC and/or MAJCOM OPR extensions, training is still not complete, the commander has two options: either reenter the individual into training (restart the clock) or drop the individual from AOC training permanently. Both options are mandatory reporting items to the MAJCOM OPR and ACC/A3CT.

2.2.1.5.2. *Incomplete*: Students unable to finish an FTU course for other than performance issues (e.g., medical reasons, etc.) may be reentered into a subsequent class with 505 TRS/CC recommendation, unit CC, and ACC/A3CT concurrence.

2.2.1.5.3. *Failure*: FTU IQT failure is a mandatory reporting item by the 505 TRS to the reporting unit, the MAJCOM OPR, and ACC/A3CT. The following gaining unit commander options are available for IQT failure:

2.2.1.5.3.1. Due to extenuating circumstances, return individual to the FTU with 505 TRS/CC recommendations; gaining unit CC, MAJCOM OPR, and ACC/A3CT approval.

2.2.1.5.3.2. End training and place individual in a unit non AOC crewmember position.

Note: A student who failed an FTU IQT course may not be subsequently enrolled in IUIQT.

2.2.2. Mission Qualification Training (MQT)

2.2.2.1. Definition: MQT provides the training necessary to qualify or requalify AOC crewmembers in a specific position to perform the missions assigned to a specific AOC. MQT is a unit responsibility. AOC crewmembers maintain BQ status until they complete MQT. Completion of MQT is a prerequisite for attaining CMR status.

2.2.2.2. Purpose: The purpose of MQT is to prepare a crewmember for attainment of CMR status in a specific AOC duty position.

2.2.2.3. Method: MQT normally involves tailored training with a trainer plus applicable subject matter experts (SMEs), classroom academics, self-study, and practice as necessary. Each AOC will determine the best mix of methods to meet all MQT training needs. ACC/A3C and parent MAJCOMs will manage the development and use of MQT course materials and TTLs. TTLs for AFI 13-1AOCV3 crewmember positions must be approved and standardized by HQ ACC/A3C in coordination with appropriate theater or functional MAJCOM. WS standardized MQT Training 797s; program of instruction, etc., along with execution guidance will be posted to the AOC CoP and considered an extension of this AFI as minimum guidance.

2.2.2.4. Timeline: MQT must be started NLT 45 days from IQT completion (90 days for ARC personnel). First term airmen will complete the first term airmen course then have 30 days for entry into MQT. In all cases, MQT must be complete within 90 days of start (ARC personnel have 365 days to complete) of MQT.

2.2.2.5. MQT is complete when all training requirements are complete and the individual is released to unit Stan/Eval. A crewmember will achieve CMR status when Stan/Eval has completed its evaluation process and the AOC/CC or designate (not lower than AOC Division Chief level) signs the appropriate paperwork.

2.2.2.6. Portions may be accomplished before formal entry into MQT; however, MQT may not be completed out of sequence (i.e., prior to IQT complete).

2.2.2.7. MQT may not be waived.

2.2.2.8. Extensions: Extensions to the MQT timeline may occur as follows: The Commander may approve one 30-day extension (180 days for ARC units). Following a

unit CC extension, the MAJCOM OPR may grant an additional 30 day (ARC 180 days) extension.

2.2.2.9. *Incomplete/failure to progress*: If training is not complete after Unit/CC and MAJCOM OPR extensions, the CC must remove the individual from training and assign to a non-AOC crewmember position.

2.2.2.10. Upon CMR certification it is incumbent on the AOC TM to ensure appropriate SEI code has been changed from the generic non-CMR SEI to the applicable AOC CMR SEI.

2.2.3. Continuation Training (CT)

2.2.3.1. Definition: CT provides crewmembers with the volume, frequency, and mix of training necessary to maintain CMR proficiency in their assigned position. CT begins after a crewmember has attained CMR status. Units are responsible for developing an annual CT plan focusing on the units' mission or support for any upcoming major exercises. These plans will be approved by AOC/CC and submitted to appropriate MAJCOM for review and additional guidance.

Note: Mandatory AF training generally referred to as ancillary training may not be counted toward CT. ARC units will accomplish standardized academic CT (IAW Attachment 3) over a two-year vice one-year period. Thus, quarterly requirements become semi-annual; semi-annual become annual requirements, and annual requirements become bi-annual for ARC aligned units.

Table 2.1. AOC Exercise Classification

Exercise Name	Exercise Category
Amalgam	Major
Ardent Sentry	Major
Austere Challenge	Major
Blue Flag	Major
Global Thunder	Major
Key Resolve/Foal Eagle	Major
Talisman Sabre	Major
Terminal Fury	Major
Vigilant Shield	Major
Ulchi Freedom Guardian	Major
Angel Thunder	Minor
Atlantic Strike	Minor
Green Flag	Minor
Maple Flag	Minor
Northern Edge	Minor
Panamax	Minor
Red Flag	Minor
Virtual Flag	Minor
Unified Endeavor	Minor

Note: The above table is not all inclusive but does contain most exercises AOC units participate in. Any question on exercise classification should be directed to MAJCOM OPR or ACC/A3CT.

2.2.3.2. Content: AOCs have common CT requirements levied by MAJCOM OPR; however, each is expected to add unique CT requirements to their ATP. General CT requirement table is at Attachment 3. AOCs have general CT requirements in the following six primary and one AOC/CC categories.

- 2.2.3.2.1. Doctrine
- 2.2.3.2.2. Joint force and AOC authoritative documents
- 2.2.3.2.3. AOC systems
- 2.2.3.2.4. Intelligence Preparation of the Operating Environment (IPOE)
- 2.2.3.2.5. Process/positional training
- 2.2.3.2.6. Exercise participation
- 2.2.3.2.7. Unit CC/Division Chief assigned requirements

2.2.3.3. Purpose: CT accomplishes two purposes: maintaining AOC positional qualification (CMR status) and expanding operational level knowledge and C2 skills. CT is the AOC/CC's and Division Chiefs' tool to ensure that AOC crewmembers are prepared to support CCDR, JFACC, and AADC as required at all times. Crewmembers qualified in more than one position must meet CT requirements for each position. Dual qualified crewmembers with like CT requirements that are the same for each position only need to perform the specific CT requirement for 1 position.

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

2.2.3.5. Timeline: CT requirements begin the first duty day of the following month after the individual is designated CMR. Requirement completion timeframes can be found in Attachment 3 and unit ATPs. CT requirements specific to functional AOCs will be addressed in their Unit/MAJCOM supplement. CT may be prorated but is normally not waived. Waivers will be evaluated on a case by case basis and approved by MAJCOM OPR. ARC units will accomplish CT training over a two-year vice one-year period.

2.2.3.6. Proration: Units may prorate CT requirements based on initial CMR date, TDYs, deployments, or periods of non-AOC duty (e.g., honor guard, medical leave). Unit must ensure training is adjusted to account for time assigned (PCS or TDY) to contingencies (See Figure 2.1.)

Figure 2.1. Continuation Training Proration Schedule. ARC will use three month = one month for proration.

CT Periods	CT requirement is prorated if crewmember is unavailable for training (reasons stated above) for more than (or equal to) the following number of days*:											
Monthly (M)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	20	20	20	20	20	20	20	20	20	20	20	20
Quarterly (Q)	1 st Qtr			2 nd Qtr			3 rd Qtr			4 th Qtr		
	60			60			60			60		
Semi-Annual (S)	1 st Half						2 nd Half					

	150	150
Annual (A)	Year	
	330	
Note: CT periods are tied to calendar. Crewmember non-availability days need not be contiguous to prorate from CT.		

Examples:

(1) Capt Smith becomes CMR on Apr 20.

- Monthly CT for Oct thru Apr are waived;
- Quarterly CT for 1st, and 2nd quarters are waived,
- Semi-Annual CT for the 1st half is waived; For ARC 18 month training is waived.

(2) A1C Jones becomes CMR on Sep 21.

- Monthly CT would start on 1 Oct the beginning of the CT period for all.
- Annual CT is waived and New Year begins 1 Oct.

2.2.3.7. *Failure to meet CT requirements:* Failure to meet CT requirements results in regression to non-CMR (N-CMR) status. AOC/CCs may allow up to a 30-day grace period for the accomplishment of CT requirements. ARC-aligned unit commanders may allow up to a 180-day grace period.

2.2.3.7.1. N-CMR crewmembers may not perform AOC duties unless supervised by a CMR crewmember.

2.2.3.7.2. To regain CMR status, a crewmember must accomplish the delinquent CT. The individual's training records must reflect both the regression to N-CMR and the reacquisition of CMR status.

2.2.3.7.3. Failure to regain CMR within 6 months (18 months for ARC) results in regression to unqualified status (UQ).

2.3. Orientation Training

2.3.1. All AOCs must provide orientation training for TDY AOC crewmembers, specialty team members, liaisons, and augmentees to aid their integration. This training will be tailored and based on expected duties, previous experience, and AOC knowledge. The gaining AOC is responsible to both develop content and present the training.

Note: A CMR rating in any AFI 13-1AOCV3 position is transferrable among the Geographic AOCs *in the same CMR duty position* upon completion of unit theater familiarization training.

2.3.2. Orientation training is a menu of training modules consisting of any combination of e-learning lessons, briefings, or directed self-study. This menu is designed by the AOC TM, tailored to the individual, and approved by AOC/CC or Division Chief if delegated by CC.

2.3.2.1. Orientation training is appropriate for CMR AOC crewmembers temporarily assigned to another AOC. If the AOC crewmember performs duties in his or her CMR position, theater/mission familiarization should be all that is required.

2.3.2.2. Augmentees from various mission design series (MDS) or other government agencies (OGA) may need AOC orientation and other training.

2.3.2.3. Each AOC will present an orientation training program from which individual items are chosen as appropriate and may include the following subject areas:

- 2.3.2.3.1. AOC fundamentals
- 2.3.2.3.2. Unit mission or theater orientation
- 2.3.2.3.3. Chain of command
- 2.3.2.3.4. Applicable planning and execution documents
- 2.3.2.3.5. Augmentee positional responsibilities

2.3.3. This training is in addition to mandatory AF training (e.g., information assurance [IA] training).

2.4. Trainer Program

2.4.1. The AOC weapons system is not similar to other weapons systems in that active duty personnel are normally assigned for only one tour. Therefore, the AOC WS does not have a formal program to develop and certify trainers for a career. AOC personnel selected to perform as trainers are considered by AOC leadership as highly proficient in division and team processes or a particular AOC WS application. They will complete local AOC trainer program requirements below and are not required to complete any formal USAF trainer/instructor program in order to be considered an AOC trainer.

2.4.2. AOC crew position trainers must be approved by the AOC or ARC aligned unit commander or commander designated division/team chiefs, and must be CMR in their current AOC crew position.

Note: AOCs may elect to use a SME for certain elements of their training programs (e.g., theater/mission familiarization training, systems and applications, or designated processes). SMEs will not fill the role of duty position trainer but rather augment training given by the designated trainer.

2.4.3. AOC crew position trainers will receive the following training from the unit TM:

- 2.4.3.1. Unit training administrative practices to include filling out unit training documentation
- 2.4.3.2. Trainer responsibilities
- 2.4.3.3. Positional training techniques
- 2.4.3.4. Briefing/Debriefing techniques

2.5. Training Documentation

2.5.1. AOC crewmember documentation: Units must maintain a permanent training record in LMS which contains the following milestones: DAS, training start dates, IQT and MQT training dates, IQT graduation/completion date, MQT training completion date, CMR award date, N-CMR events, deployment dates and associated orientation training, and any other significant training dates. ARC aligned units will maintain their own records in LMS.

2.5.2. Orientation documentation: The content of the orientation training provided must be documented.

2.5.3. Annual Training Plan (ATP): All AOCs, and ARC aligned units, will develop an annual training plan which should include the following elements:

2.5.3.1. AOC crewmember positions (those AFI 13-1AOC Vol 3 positions either manned or expected to be filled with a requirement to train).

2.5.3.2. Unique AOC positions mapped against IQT options (FTU, ADL, or IUIQT).

2.5.3.3. Additional CT training requirements (in addition to Attachment 3).

2.5.3.4. Event or methodology used to accomplish training, i.e. part task trainer, Exercise Key Resolve, etc.

2.5.3.5. Mission execution, mission planning, or academic event from attachment 3 or MAJCOM requirements.

2.5.4. Unit Training Documentation (Electronically in LMS)

2.5.4.1. Position Training Form (Example ACC Form 206, AETC Form 186)

2.5.4.2. Position 797/TTL

2.5.4.3. AF Forms 4141 and 4142

2.5.4.4. Any other unit, to include trainer training as well as MAJCOM directed training documentation.

2.6. Reportable Items to MAJCOM OPR

2.6.1. IQT timeline exceeded (including extensions). Report action taken. Will be reported quarterly, (E-mail memo)

2.6.2. IQT failure. Report action taken. Will be reported when failure occurs, (E-mail memo)

2.6.3. MQT timeline exceeded (including extensions). Action taken, Reported quarterly. (E-mail memo)

2.6.4. MQT failure to progress. Report action taken. Will be reported quarterly, (E-mail memo)

2.6.5. Training LIMFACS and shortfalls to include CT: Reported Quarterly. (E-mail Memo)

BRETT T. WILLIAMS, Major General, USAF
Director of Operations
DCS, Operations, Plans, & Requirements

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

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Abbreviations and Acronyms

- 505 CCW**—505th Command and Control Wing
- 505 OSS**—505th Operational Support Squadron

505 TRS—505th Training Squadron

705 CTS—705th Combat Training Squadron

705 TRS—705th Training Squadron

ACC—Air Combat Command

ACC/A2—ACC Intelligence Directorate

ACC/A3—ACC Directorate of Operations

ACC/A3A—ACC Airspace, Ranges, and Airfield Operations Division

ACC/A3O—ACC/A3 Operations Division

ACC/A3C—ACC/A3 Command and Control, Intelligence, Surveillance and Reconnaissance (C2ISR) Operations Division

ACC/A3CT—ACC/A3C C-NAF Training Branch. OPR for Geographic AOC training

ACC/A6—ACC Directorate of Communications

AFC2IC/C2C—Air Force C2 Integration Center AOC Requirements Division

ACO—Airspace Control Order

ADL—advanced distributed learning

AFGSC—Air Force Global Strike Command

AFI—Air Force instruction

AFMC—Air Force Materiel Command

AFNETOPS—Air Force Network Operations

AFPD—Air Force Policy Directive

AFRC—Air Force Reserve Command

AFRC/A3T—AFRC Directorate of Air, Space, & Information Operations, Training & Tactics Division

AFSC—Air Force Specialty Code

AFSOC—Air Force Special Operations Command

AFSOC/A3T—AFSOC Operations Directorate, Training & Tactics Division

AFSPC—Air Force Space Command

AFSPC/A3C—AFSPC Space Situational Awareness and Command and Control (SSA & C2) Operations Directorate

AFTTP—Air Force tactics, techniques, and procedures

AMC—Air Mobility Command

AMC/A3M—AMC Expeditionary Mobility Operations Division (formerly AMC/A31)

AMCT—air mobility control team

AMD—Air Mobility Division
AOC—Air Operations Center
AOD—air operations directive
ARC—air reserve components
ATO—Air Tasking Order
ATP—annual training plan
BQ—Basic Qualification
C2—command and control
CAF—Combat Air Forces
CAS—close air support
CC—commander
CGRS—common ground relay station
CIB—current intelligence briefing
CMR—Combat Mission Ready
C-NAF—Component Numbered Air Force
CONPLAN—contingency plan
CoP—community of practice
C/JSSC—Coalition/Joint Senior Service Course
CT—continuation training
DAS—date arrived station
DMO—distributed mission operations
DMOC—Distributed Mission Operations Center
ESC—Electronic Systems Center
ETCA—Education & Training Course Announcements
(<https://etca.randolph.af.mil/default1.asp>)
FTAC—First Term Airmen Center
FTU—formal training unit
HHQ—higher headquarters
HQ—headquarters
HQ USAF/A30—AC—Headquarters USAF, Director of Operations, C2 Employment and Force Development Division
IA—information assurance
IAW—in accordance with

IUIQT—in-unit initial qualification training

IO—information operations

IPOE—intelligence preparation of the operational environment

IQT—initial qualification training

ISRD—Intelligence, Surveillance, and Reconnaissance Division

IWPC—information warfare planning capability

JAOP—joint air operations plan

JSpOC—Joint Space Operations Center

JSSC—Joint Senior Service Course

LIMFAC—limiting factor

LMS—Learning Management System

LVC—live, virtual, and constructive training systems

MAF—Mobility Air Forces

MAJCOM—major command

MAJIC—Multi-TDL Advanced Joint Interoperability Course

MISO—Military Information Support Operations

MQE—mission qualification examination

MQF—master question file

MQT—mission qualification training

N-CMR—Non-Combat Mission Ready

NEO—non-combatant evacuation operations

NGB—National Guard Bureau

OCR—office of collateral responsibility

OGA—other government agency

OJT—on-the-job training

OPLAN—operation plan

OPR—office of primary responsibility

PACAF—Pacific Air Forces

PACAF/A3/5/8—PACAF Operations, Plans, Requirements & Programs Directorate

PCS—permanent change of station

PED—processing, evaluation, dissemination

POC—point of contact

POI—Plan of Instruction
PRCC—Personnel Recovery Coordination Cell
RAT—Rapid Augmentation Team
RPA—remotely piloted aircraft
ROE—rules of engagement
RQE—Requalification Examination
SAASS—School of Advanced Air and Space Studies
SEI—special experience identifier
SME—subject matter expert
SPINS—special instructions
SPO—system program office
STAN/EVAL—standardization and evaluation
TACC—Tanker Airlift Control Center, the 618 AOC (TACC)
TACS—theater air control system
TAGS—theater air ground system
TDL—tactical data link
TDY—temporary duty assignment
TM—training manager
TRS—training squadron
TRSS—training support squadron
TTL—training task list
TTP—tactics, techniques, and procedures
USAFE—United States Air Forces in Europe
USAFE/A3Y—USAFE Air Operations Command and Control Division
USAFWC—USAF Warfare Center
WS—weapons system

Terms

Ancillary Training—Training that contributes to mission accomplishment, but is separate from Air Force Specialty or occupational series training (further defined on the ETCA website, <https://etca.randolph.af.mil/default1.asp>). Ancillary training does not constitute AOC training.

AOC Type—Refers to AOC categorization as either Geographic or Functional (see Geographic and Functional AOC definitions). AOC training instructions applicable to all AOC types are located in Chapter 1. AOC training instructions specific to Geographic AOCs are located in

Chapter 2. AOC training instructions for the Functional AOCs are located in subsequent chapters as outlined in the Table of Contents. While Chapter 1 is applicable to all AOCs, subsequent chapters may be more restrictive but not less than Chapter 1. Note: the term "CAF" AOCs refers to Geographic AOCs plus the 608th.

Augmentee—Personnel filling AOC positions on a temporary, short-term basis (i.e. TDY to exercises or contingencies). Augmentees require tailored orientation training, and may require positional training. Augmentee AOC training is the responsibility of the gaining AOC.

Basic Qualification (BQ)— An AOC crewmember who has completed IQT but not completed MQT. They are able to perform basic AOC positional activities for which they have been trained.

Certification—Designation of an AOC crewmember-trainee by the AOC/CC, as having successfully completed MQT (including positional review, debrief, and any directed additional training), and requisite mission qualification examination (MQE). Certification may result in CMR status. Certification also applies to AOC crewmember upgrade to trainer.

Combat Mission Ready (CMR)— The qualification status of an AOC crewmember who successfully completes IQT and MQT training requirements, passes initial and mission qualification testing (if applicable) and has been certified by the commander or designated representative.

Currency— AFI does not mandate currency with respect to accomplishment of CT requirements. There is no measure of time between required CT events (e.g. Push an ATO every 45 days). Thus, if AOCs elect to impose currency requirements, they should be designed to ensure the average crewmember maintains a minimum level of proficiency in a given duty or task. Currency differs from CT periods and requirements per this AFI, in that currency refers to periods of time linked directly to events (such as a pilot having to perform a landing within 30 days of his last accomplished landing). CT periods refer to timeframes during which a set number of events must be accomplished.

Functional AOC— One of the two AOC Types, along with Geographic. Functional AOCs have function-specific missions which are worldwide in scope, in support of a Functional Combatant Command. They include 608th (Global Strike), 614th (Space), 618th (Mobility), and 623rd (Special Ops).

Geographic AOC— One of the two AOC Types, along with Functional. Geographic AOCs have broad-ranging missions which are constrained in scope to a geographic Area of Responsibility, in support of a Geographic Unified (or Sub-unified) Combatant Command. They include 601st, 603rd, 607th, 609th, 611th, 612th, 613th and 617th.

Liaison Officer (LNO)—Allied nation, sister service, other government agencies, or unique major weapons system/mission representative working for their own respective commander but providing planning/tasking expertise and coordination capability in support of the AOC. AOCs will provide and document orientation training to LNOs to facilitate integration.

Non-Combat Mission Ready (N-CMR)— The qualification status of an individual who, having achieved CMR status, regresses due to failure to accomplish mandatory CT requirements. See respective AOC type chapter for consequence and repair of N-CMR status. See definition of Unqualified for distinction from N-CMR.

Requalification Training—Tailored training for formerly-CMR AOC crewmembers that have become unqualified for any reason. Objective is return to CMR status. Completion will be followed by positional re-evaluation and accomplishment of recurring qualification examination (RQE). AOC TMs will coordinate with applicable division/team training personnel and if necessary, Stan/Eval, to identify performance deficiencies and create appropriate requalification training plans. Requalification training plans require AOC/CC approval.

Trainer—CMR AOC crewmember, authorized via AOC trainer upgrade program and AOC/CC certification, to conduct AOC crewmember training. Trainers may also be contractors who were previously qualified and hired for subject matter expertise. Further guidance in 2.4 of this AFI.

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 36-2251, Management of Air Force Training Systems). MAJCOMs with their respective AOCs develop AOC TTLs. AOC Training TTLs will be approved by HQ USAF/A3O. All CAF MQT TTLs for AFI 13-1AOCV3 listed duty positions must be standardized through ACC/A3C. TTLs will be posted to the AOC CoP.

Type 1 Training—Contract training by civilian industrial institutions, supporting initial cadres of trainers and operators the Air Force requires for new or modified AOC systems (often referred to as "train the trainer"). The AOC TM will coordinate this training with AFMC/ESC, specifically the SPO (ESC/HSGB). Type 1 Training should be documented as such in accordance with pertinent AOC Type chapter of this AFI.

Unqualified (UQ)—Previously CMR AOC crewmembers whose CMR status has lapsed due to any of the following reasons: N-CMR in excess of six mos, PCS/PCA out of AOC crewmember 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 UQ rather BQ.

Attachment 2**GLOSSARY OF LINKS**

Air Operations Center Community of Practice (AOC CoP) via the AF Portal: POC ACC/A3C:
<https://www.my.af.mil/afknprod/ASPs/docman /DOCMain.asp?Tab=0&FolderID=OO-OP-AC-09-2&Filter=OO-OP-AC-09>

Expeditionary Mobility Operations CoP (provides a link to AMD Training CoP): POC
AMC/A3M: <https://afkm.wpafb.af.mil/community/views/home.aspx?Filter=22855>

Plateau Learning Management System (LMS): POC ACC/A3CG (aoclms@langley.af.mil)

LMS Administrator Login: <http://www.accdl2.net/plateau/admin/login.jsp>

LMS Student Login: <http://www.accdl2.net/plateau/user/login.jsp>

Link to MQFs, login as student, select “Catalog” tab, select “Master Question File” in Subject Area Menu: POC for MQFs is ACC/ A3C

Air Force Joint Exercise Coordination Team (AJECT): POC ACC/A3JE:

<https://www.my.af.mil/afknprod/ASPs/docman/DOCMain.asp?Tab=0&FolderID=AC-OP-01-06-1&Filter=AC-OP-01-06>

Joint Multi-TDL School (JMTS), Joint Interoperability Division (FORSCOM): POC

ACC/A3CJat: <https://www.my.af.mil/gcss-af/USAF/ep/browse.do?programId=1292293&channelPageId=-1717014&parentCategoryId=-1943875>

505th CCW webpage: <https://505ccw.hurlburt.af.mil/>

505 TRS IQT webpage: <https://505ccw.hurlburt.af.mil/505trg/index.html>

705 TRS Portal Page: <https://www.my.af.mil/gcss-af/USAF/ep/globalTab.do?channelPageId=s6925EC13374A0FB5E044080020E329A9>

ACC Tactical Data Link Operations and Management Organization (TDLOMO): POC A3CJ

<https://www.my.af.mil/gcss-af/USAF/ep/browse.do?categoryId=p6925EC158E3A0FB5E044080020E329A9&channelPageId=s6925EC1344700FB5E044080020E329A9>

ACC ISR Training CoP: <https://afkm.wpafb.af.mil/community/views/home.aspx?Filter=OO-IN-AC-54>

Information Operations Training Planning Team CoP:

<https://www.my.af.mil/afknprod/community/views/home.aspx?Filter=OO-OP-AC-23>

Attachment 3

AOC ACADEMIC CT REQUIREMENTS

Major Area	Suggested Topic areas	Requirement	Comments	Guidance
Doctrine		Annual	Doctrine component is intended to provide background knowledge to support internal team, division, and AOC processes, as well as enhancing understanding of Joint and Combined operational level principles.	AOC division chief will determine doctrine documents and areas division and teams will cover for CT. Topics can come from suggested list or as determined by CCCR Mission
	Operational Procedures			
	Joint Operations and Planning			
	Counter Air and Missile Threats			
	Interdiction			
	Joint Targeting			
	Fire Support			
	Close Air Support			
	Information Operations			
	Electronic Warfare			
	MISO			
	Military Deception			
	Air Mobility Operations			
	Personnel Recovery			
	Airspace Control			

	RPA			
	Dynamic Targeting			
	Kill Box			
	CGRS			
	COIN			
	NEO			
	Counterdrug Ops			
	Interagency Coordination			
	Humanitarian Assistance			
	Threat Reference and counter Tactics			
	Command Relationships and Chain of Command			
Theater Guidance		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 division chief will determine documents and areas division and teams will cover for CT. Topics can come from suggested list or as determined by COCOM Mission
	THEATER OPLANS/CONPLAN			
	THEATER AOD			
	THEATER JAOP			
	THEATER ROE			
	THEATER SPINS			
	Air Defense Plan and Architecture			

	Theater Communications Architecture			
	Theater Data Link Architecture			
Intelligence		Quarterly	Covers wide range of Topics and should be pertinent to theater Mission	AOC division chief will determine documents and areas division and teams will cover for CT.
	Current Intelligence Brief			
	Friendly OB			
	Enemy OB			
	A-A Threats			
	A-G Threats			
	Missile Threats			
	General Threat OB			
To Systems/ Application		Quarterly	Covers wide range of Topics and should be pertinent to AOC baseline standard applications and theater Mission	AOC team chiefs will determine tools teams will cover for CT.
	Web-Page/Sharepoint		ATO/ACO, Messaging	
	Collaboration Tools		Chat, DCO, Communicator	
	Planning Tools		MAAPTK, AR TK, TAP, WEBAD, IWPC	
	Execution Tools		ESTAT, FSTAT, JADOCs, Falcon View	
	Communication Tools		ACCES Net, STE, VOIP, Radios	
	Battlespace Awareness & Data Link Tools		C2PC, ADSI, JRE, JSS, GCCS, Etc	
	Air Mobility		GDSS, ETC	

	Tools			
	Personnel Recovery Tools		Combat Tracker, Blue force tracker, CSEL, PRMS	
	Intel Analysis Tools		GCCS- I3, MIDB MGMT, OB Tool	
	Targeting Tools		CGS/TAW, ETC	
	Space		PDSM	
	Ballistic Missile Defense Tools		C2BMC or similar tool	
AOC Processes		Quarterly	Process & positional training requirements may be met with a combination of academics, application and process training. STO training is only required for positions with the appropriate access. Standard processes in AFI 13-1 Vol 3 will be covered as a minimum.	Division and Team chiefs will determine process to be covered based upon upcoming missions. Use AFI13-1 AOCV3 and AFTTP 3-3AOC.
	ATO Cycle			
	Division and Team			
	Liaison Integration			
	STO			
	JFACC Intent			
	AOD Development			
	IO Integration			
	CYBER Integration			
	COA Development			
	Assessment			
	RFI			
	Targeting			
	Weaponizing			
	PED			
	MAAP			
	Architecture development			
	ATO development,			

	change, and Release			
	ACO Development Change			
	SPINS development Change			
	Dynamic Target			
	Tanker support			
	Air Defense			

Note: Requirements for active duty AOC personnel are over a one year period. Requirements for ARC personnel are over a two year period. Thus annual for ARC equals two years, quarterly equals semi-annually.