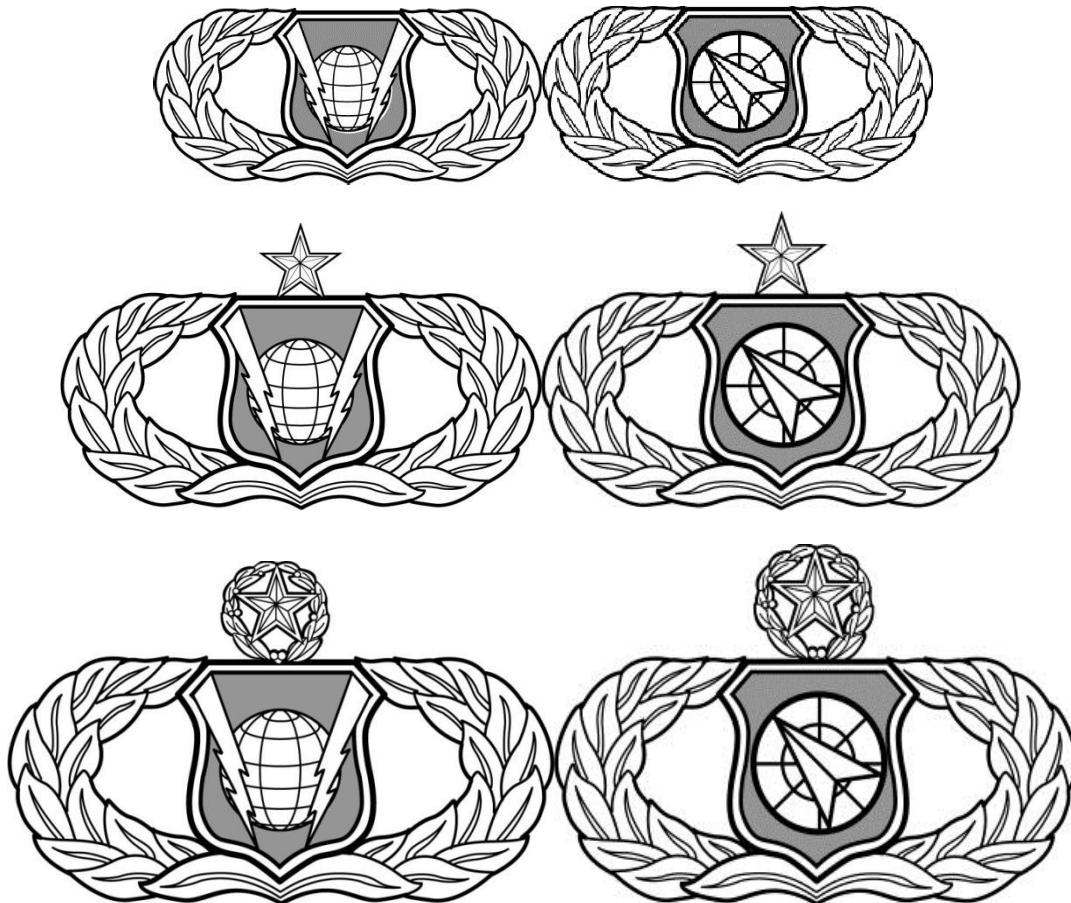# AFSC 1C5X1

BATTLE MANAGEMENT OPERATIONS

CAREER FIELD
EDUCATION AND TRAINING PLAN

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BATTLE MANAGEMENT OPERATIONS SPECIALTY AFSC 1C5X1

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CAREER FIELD EDUCATION AND TRAINING PLAN
BATTLE MANAGEMENT OPERATIONS
AFSC 1C5X1

PREFACE

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education and training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP provides personnel a clear career path to success and instills rigor in all aspects of career field training.

2. The CFETP consists of two parts; supervisors plan, manage, and control training within the specialty using both parts of the plan.

2.1. Part I provides information necessary for overall management of the specialty. Section A explains how individuals will use the plan; Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path; Section C associates each level with specialty qualifications (knowledge, education, experience, training, and other); and Section D indicates resource constraints. Some examples are funds, manpower, equipment, facilities; Section E identifies transition training guide requirements for SSgt through MSgt.

2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, Technical References to support training, Air Education and Training Command (AETC) conducted training, wartime course and core tasks and correspondence course requirements; Section B: contains the Course Objective List and training standards supervisors use to determine if Airmen satisfied training requirements. Section C: identifies available support materials. An example is a Qualification Training Package (QTP) which may be developed to support proficiency training. Section D: identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses. Section E: identifies Major Command (MAJCOM) unique training requirements supervisors can use to determine additional training required for the associated qualification needs. At unit level, supervisors and trainers use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

3. Using guidance provided in this CFETP ensures individuals in AFSC 1C5X1 receive effective and efficient training at the appropriate points in their career. This plan enables us to train today's work force for tomorrow's jobs.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training (AT). Formal course that provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills and knowledge to enhance their expertise in the career field. Training is for selected career Airmen at the advanced level of the AFS.

Air Force Career Field Manager (AFCFM). Representative appointed by the respective HQ USAF Deputy Chief of Staff or Under Secretariat, to ensure assigned AF specialties are trained and utilized to support AF mission requirements. AF Career Field Manager is the OPR; however, works in concert with MAJCOM Functional Managers as required.

Air Force Enlisted Classification Directory (AFECD). The official guide to the Air Force Enlisted Classification codes, job specialty, and qualifications necessary to perform each job. This guide establishes the occupational structure of the Air Force enlisted force.

Air Force Job Qualification Standard/Command Job Qualification Standard (CJQS). AFCFMs issue AF Job Qualification Standards for unique duty positions, weapons systems or equipment. The AF Job Qualification Standard supplements the CFETP, Part II, by outlining specific skill and task requirements. AFCFM must review and approve any MAJCOM Job Qualification Standard. Use of AF Job Qualification Standards should be limited to the absolute minimum to reduce duplicate documentation.

Career Field Education and Training Plan (CFETP). A comprehensive core training document that identifies: life-cycle education and training requirements; training support resources; and minimum core task requirements for a specialty. The CFETP aims to give personnel a clear path and instill a sense of industry in career field training.

Combat Mission Ready (CMR). A Battle Management Operations member who has satisfactorily completed initial qualification training and mission qualification training and maintains qualification and proficiency in the command or unit operational mission.

Continuation Training (CT). Additional training exceeding requirements with emphasis on present or future duty assignments.

Core Task. Tasks the AFCFM identify as minimum qualification requirements for everyone within an AFSC, regardless of duty position. Core tasks may be specified for a particular skill level or in general across the AFSC. Guidance for using core tasks can be found in the applicable CFETP narrative.

Field Training. Technical, operator, and other training either a training detachment or field training team conducts at operational locations on specific systems and associated direct-support equipment.

Initial Skills Training. A formal school course that results in an AFSC 3-skill level award for enlisted.

Occupational Survey Report (OSR). A detailed report that shows the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Hands-on, "over-the-shoulder" training or evaluation conducted to certify personnel in both upgrade (skill level award) and job qualification (position certification training).

Position Qualification Training. Training designed to qualify an Airman in a specific position that occurs after upgrade training.

Qualification Training Package (QTP). An instructional package designed for use at the unit to qualify, or aid qualification, in a duty position or program, or on a piece of equipment. It may be printed, computer based, or in other audiovisual media.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that preclude desired training from being delivered.

Skills Training. A formal course that results in the award of a skill level.

Specialty Training. The total training process used to qualify Airmen in their specialty.

Specialty Training Standard (STS). An AF publication that describes an AF Specialty in terms of tasks and knowledge an Airman in that specialty may be expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 5-, or 7-skill level within an enlisted AF Specialty. It further serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFSC are taught in formal schools and correspondence courses.

Standard. An exact value, a physical entity, or abstract concept, the appropriate authority, custom, or common consent sets up and defines to serve as a reference, model, or rule in measuring quantities or qualities, developing practices or procedures, or evaluating results. A fixed quantity or quality.

Specialty Training Requirements Team (STRT)/Utilization & Training Workshop (U&TW). Forums used to determine education and training requirements, by bringing together the expertise to establish the most effective mix of formal and on-the-job training for each AF Specialty skill level. Also used to create or revise training standards and set responsibilities for providing training.

Total Force. All collective AF components (active, reserve, guard, and civilian elements) of the United States Air Force.

Training Records. Utilize the AF approved training record maintenance system.

Training Capability. The ability of a unit or base to provide training. Authorities consider the availability of equipment, qualified trainers, and study reference materials, and so on in determining a unit's training capability.

Upgrade Training (UGT). Mandatory training that leads to attainment of higher-level proficiency.

Wartime Task. Those tasks that must be taught when courses are accelerated in a wartime environment. In response to a wartime scenario, these tasks will be taught in the Battle Management Operations 3-level course in a streamlined training environment. These tasks are only for those career fields that still need them applied to their schoolhouse tasks.

PART I

SECTION A - GENERAL INFORMATION

1.   Purpose. This CFETP provides information necessary for the Air Force Career Field Manager (AFCFM), MAJCOM Functional Managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective and efficient 1C5X1 career field training program. The plan outlines the training that individuals in AFSC 1C5X1 must receive in order to develop and progress throughout their career. For the purpose of this plan, training is divided into three areas: initial skills, qualification training (QT), and continuation training (CT). Initial skills training is the Air Force Specialty (AFS)-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. The CFETP has several purposes, some are:

1.1.   Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

1.2.   Identifies task and knowledge training requirements for each skill level in this specialty and recommends education and training throughout each phase of an individual's career.

1.3.   Lists training courses available in the specialty, identifies sources of training, and the training delivery method.

1.4.   Identifies major resource constraints that impact full implementation of the desired career field training program.

2.   Uses. The plan is used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for everyone in the specialty**.**

2.1.   AETC training personnel develop or revise formal resident, nonresident, field, and exportable training based upon requirements established by the user and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2.   MFMs ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. On-the-job Training, resident training, and contract training or exportable courses can satisfy identified requirements. Any MAJCOM-developed training to support this AFSC must be identified for inclusion into this plan.

2.3.   Each individual completes the mandatory training requirements specified in this plan. The list of courses in Part II will be used as a reference to support training.

2.4.   Personnel in AFSC 1C5X1/1C5X1D are exempt from maintaining OJT Training Folders (AF Form 623). All training is documented by operations instructors and placed in training folders maintained in the Operations Training office. This training is validated by trained flight examiners and documented on an AF Form 8, *Certificate of Aircrew Qualification,* which is maintained in qualification/certification training folders. Positional qualification on the AF Form 8, or positional certification annotated on a like form, eliminates the requirement to document STS items in this CFETP.

3.   Coordination and Approval. The AFCFM is the approval authority. MFMs and AETC training managers will identify and coordinate on the career field training requirements. The AFCFM will initiate an annual review of this document and coordinate with AETC and the MFMs to ensure currency and accuracy. Send applicable inputs/changes to this CFETP through MFMs to HQ USAF/A3TY, to the following organizational email address: af.a3ty.workflow@us.af.mil.

SECTION B - CAREER PROGRESSION AND INFORMATION

4.   Specialty Description. The information listed below can be found in the Air Force Enlisted Classification Directory (AFECD), which contains current and complete specialty qualification data.

4.1 **Specialty Summary.** Manages and operates Battle Management Command and Control (BMC2) systems. Performs surveillance, identification, weapons control, tactical data link management, radar, communications, and computer system

management. Coordinates Personnel Recovery (PR) and Search and Rescue (SAR). Counters electronic attack (EA) with electronic protection (EP) actions. Provides positive and procedural control and monitoring of aircraft and air weapons during offensive and defensive air operations. Makes decisions in the conduct of battle management air operations and system equipment management at the Tactical and Operational level of war. Related DoD Occupational Subgroup: 122100.

4.2. Duties and Responsibilities.

4.2.1. Operates BMC2 systems when assigned to an Air Operations Center (AOC), Air Defense Battle Control Center (BCC), Air Support Operations Center (ASOC), or Control and Reporting Center (CRC). As a crew member of an operational unit, Airmen are tasked to produce, disseminate, and execute the Air Tasking Order (ATO); Airspace Control Order (ACO); Special Instructions (SPINS); Operational Tasking Data Link (OPTASKLINK); Tactical Operational Data (TACOPDAT); maintain both the Tactical and Common Operational Picture (COP), and any associated changes.

4.2.2. Executes at the tactical or operational level to meet component commander objectives by cording and integrating air, space, ground, maritime, and cyber effects in support of operations. Interprets sensor data to generate console displays in order to compare and report track positions based on flight data or database files. Conducts mission planning and performs surveillance, weapons control, tactical data link and data management functions. Performs EP functions while maintaining sensor sensitivity using EP techniques to eliminate degradation caused by 2.4EW activities or other influences. Monitors operations of sensor inputs, countermeasure consoles, anti-jamming displays, and enhances sensor presentation.

4.2.3. Performs training, planning, standardization and evaluation, and other staff duty functions. Performs staff assistance visits to subordinate units. Tests and evaluates capabilities of new equipment and propriety of new procedures.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent level plays an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do their part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP ensures everyone receives viable training at appropriate points in their career.

5.1. **Apprentice (3-Skill Level).** To be awarded AFSC 1C531, the trainee must meet requirements listed in AFMAN36-2100, *Military Utilization and Classification*, specialty description, and complete the basic Battle Management Operations Apprentice Course at Keesler AFB, MS. Tasks and knowledge training requirements are identified in the Specialty Training Standard, at Part II, Section A.

5.2. **Journeyman (5-Skill Level).** To be awarded AFSC 1C551/1C551D, the trainee must complete unit-specific duty position training/tasks and obtain or maintain a duty position qualification/certification that is documented on an AF Form 8 or like form.

5.3. **Craftsman (7-Skill Level).** To be awarded AFSC 1C571/1C571D, the trainee must be at least a staff sergeant (SSgt), complete unit-specific duty position training/tasks and obtain or maintain a duty position qualification/certification that is documented on an AF Form 8 or like form.

5.4. **Superintendent (9-Skill Level).** To be awarded AFSC 1C591, an individual must be at least a Senior Master Sergeant (SMSgt) and complete all required formal training.

5.5. Occupational Badge Wear.

5.5.1.   **Basic Badge**. Airmen are awarded the basic Command and Control occupational badge upon completion of IST; Weapons Directors are awarded the basic Weapons Director occupational badge upon completion of the undergraduate Weapons Director course.

5.5.2.   **Senior Badge**. For award of the requisite senior occupational badge, Airmen must meet requirements for award of the basic badge and have a minimum of 5 total years of qualified experience in that specific position (e.g., an Airman must have 5-years of experience as a qualified Weapons Director prior to award of the senior Weapons Director badge, or 5-years of qualified experience in various Slick duty positions for award of the senior Command and Control badge).

5.5.3.   **Master Badge**. For award of the requisite master occupational badge, Airmen must meet requirements for

award of the basic and senior badges, hold the rank of MSgt or above, and have a minimum of 7 total years of qualified experience in that specific position (e.g., an Airman must have 7-years of experience as a qualified Weapons Director prior to award of the master Weapons Director badge, or 7-years of qualified experience in various Slick duty positions for award of the master Command and Control badge).

6.   Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Battle Management Operations career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The training decisions were made at the Specialty Training Requirements Team (STRT) that was held at Keesler AFB, MS, from 1-4 Nov 2022. The purpose was to review the 2020 CFETP for proposed changes.

6.1. **Initial Skills Training.** Initial skills training (IST) is developed and taught by AETC. Upon completion of Basic Military Training, Airmen will complete the Battle Management Operations Apprentice Course as a mandatory requirement for award of the 3-skill level. Key outcomes for IST that the STRT focused on were: updated occupational competencies, updated references, review/update of 1C5 portion of the AFECD, removing redundancies in training, and a restructured Specialty Training Standard (STS) focused on producing Airmen trained/qualified and ready to perform the mission quicker and more efficiently. If not already accomplished prior to departure from Keesler AFB, the AF Form 2096 will be completed at gaining installation.

6.2. **Five-Level Upgrade Training.** In addition to meeting requirements from paragraph 5.2, Airmen must be recommended for upgrade by their supervisor and approved by their commander via the AF Form 2096. There is no longer a formal time restraint on UGT, but individual units may impose up to a 12-month time requirement prior to upgrade based on local training needs.

6.3. **Seven-Level Upgrade Training.** In addition to meeting requirements from paragraph 5.3, Airmen must be recommended for upgrade by their supervisor and approved by their commander via the AF Form 2096. There is no longer a formal time restraint on UGT, but individual units may impose up to a 12-month time requirement prior to upgrade based on local training needs.

6.4. **Proficiency/Continuation Training.** The purpose of continuation training is to provide additional training that exceeds the minimum upgrade training requirements and allow individuals to become proficient at their present and future duty positions. Continuation training also assists individuals in maintaining proficiency at their duty position and affords them career broadening opportunities.

7. Community College of the Air Force (CCAF). Enrollment in CCAF occurs upon completion of Basic Military Training. CCAF provides the opportunity to obtain an Associate of Applied Science (AAS) Degree in Air and Space Operations or in Military Technology and Applied Sciences Management. Off-duty education is a personal choice but is highly encouraged. See the CCAF website for program details: http://airuniversity.af.edu/Barnes/CCAF/.   In addition to its associate degree program, CCAF offers the following:

7.1. **Certifications**

7.2. **CCAF Occupational Instructor Certification.** Upon completion of instructor qualification training, consisting of the instructor methods course and supervised practice teaching, CCAF instructors who possess an associate degree or higher may be nominated by their school commander and commandant for certification as an occupational instructor.

7.3. **Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The College uses a competency-based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman (Supervisor), or Master Craftsman (Manager). All are transcribed on the CCAF transcript.

7.4. **Degree Requirements.** All Airmen are automatically entered into the CCAF program. Prior to completing a CCAF associate degree the 5-level must be awarded, and the following requirements must be met:

Figure 1. Degree Requirements.

Subject Area	Semester Hours
Technical Education	24
Leadership, Management & Military Studies	6
Program Elective	15
General Education	15
Totals	**60**

7.5. **Technical Education (24 Semester Hours):** A minimum of 9 semester hours of Technical Core subjects and courses must be applied, and the remaining semester hours applied from Technical Core or Technical Elective subjects and courses.

7.6. **Leadership, Management, and Military Studies (6 Semester Hours):** Professional military education and/or civilian management courses.

7.7. **General Education (15 Semester Hours):** Applicable courses must meet the criteria for application of courses to the General Education Requirements and agree with the definitions of applicable General Education subjects/courses as provided in the CCAF General Catalog.

7.8. **Program Elective (15 Semester Hours):** Satisfied with applicable to Technical Education; Leadership, Management, and Military Studies; or General Education subjects and courses, including natural science courses meeting General Education Requirements application criteria. Six semester hours of CCAF degree applicable technical credit otherwise not applicable to this program may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science degree for this specialty.

7.9. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an AETC Instructor should be actively pursuing an associate degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Field Path. Figure 2 is intended as a guide by grade/skill-level to provide Airmen a "snapshot" of possible duty positions, developmental opportunities, and training strategies in planning their careers and duty assignments in the Battle Management Operations career field. Refer to the Air Force Personnel Center's or MyPers homepage to determine career field and Air Force specific information on average sew-on times and enlisted promotion rate histories.

Figure 2 Career Field Path

1C5XX Battle Management Operations						
	Apprentice	Journeyman	Craftsman		Superintendent	CEM
Rank	AB, Amn, A1C	SrA	SSgt	TSgt	MSgt / SMSgt	CMSgt
Badges DAFI 36-2903	Basic C2 Badge		Senior C2 Badge		Master C2 Badge	
Badges AFI 36-2903	Basic WD Badge		Senior WD Badge		Master WD Badge	
EPME	FTAC	Airman Leadership School	NCO Academy, EJPME I		Senior NCO Academy, EJPME II	CMSgt Leadership Course, Executive Development
Upgrade Training	**3-Level** **PAFSC 1C531** - Awarded upon graduation from Initial Skills Course	**5-Level** **PAFSC 1C551** - Awarded upon completion of unit specific training and evaluation/ certification	**7 level** **PAFSC 1C571** - Min rank of SSgt - Awarded upon completion of unit specific training and evaluation/ certification -		**9 level** **PAFSC 1C591** Min rank SMSgt	**CEM PAFSC 1C500** Min rank CMSgt
Professional Development	Includes, but is not limited to: CCAF/AU ABC, higher educational degrees & certifications					
Jobs / Opportunities	- Initial Operator Experience - Multiple Weapon System Duty Positions (CRC, AOC, ADS) - Weapons Director Course	- Weapons Director Course - ASOC - Instructor	- 3-level, CRC/AOC IQT, WD Course Formal Instructor - Stan/Eval Examiner - CRC Weapons Instructor Course	-Section/Flight Chief/NCOIC - Training / Stan/Eval NCOIC - Weapons & Tactics NCOIC - Combat Ops/Plans NCOIC	- MAJCOM Staff - Sqdn SEL (small unit) - Section/Flight Chief - MAJCOM/ NAF/Group Staff / - MAJCOM Staff - Group/Sqdn Operations Superintendent - AFPC Assignments Functional Manager (FM)	- Career Field Manager - MAJCOM FM - Group SEL, Sq SEL

SECTION C - SKILL LEVEL TRAINING REQUIREMENTS

9.   Purpose. Skill level training requirements in this career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Section A and B of this CFETP.

10.   Specialty Qualification Requirements. This information can be found in the official specialty description in the AFECD. Skill level training requirements are in paragraphs 5-5.4 and 6.1-6.3 of this CFETP.

SECTION D - RESOURCE CONSTRAINTS

11. Purpose. This section identifies known resource constraints that preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility (OPR), and target completion dates. Resource constraints will be reviewed and updated at least annually.

11.1.   Apprentice Level Training: There is currently no equipment available for hands-on training during 1C5X1 IST. This has limited training to knowledge level only and resulted in Airmen arriving at Formal Training Units for follow-on training, or their first duty station, unprepared to meet requirements. We must get Tactical Display Framework (TDF) software, or an acceptable emulator, and appropriate hardware at the 334 TRS. Obtaining this software will provide relevant, initial hands-on training enabling us to evolve and build enlisted Battle Managers which are vital to meeting current and future Air Force requirements as we transition from countering violent extremism to defeating aggression from our peer competitors.

11.2   Journeyman Level Training: No constraints identified.

11.3   Craftsman Level Training: No constraints identified.

Part II

SECTION A - SPECIALTY TRAINING STANDARD

1. Implementation. This Part II STS will be used for technical training provided by AETC for classes beginning 20240101 for 3-skill level training.

2. Purpose. As prescribed in DAFI 36-2670, *Total Force Development,* this Part II STS and in collaboration with the Battle Management Operations, Air Force Career Field Manager (AFCFM), it is mandatory for all battle management specialties, regardless of duty assignment, to use the career field guidance in this CFETP.

2.1. Lists the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties in the skill level (Column 1).

2.2. Indicates formal training and correspondence course requirements (Column 3). It shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task and knowledge and the career knowledge provided by the correspondence course. Course descriptions and reporting instructions for course E3ABR1C531 are identified in the Air Force Education and Training Course Announcements (ETCA) database which is located at the following URL: https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx

2.3. Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

2.4. Used a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKT) are developed at the AETC Airman Advancement Division by senior NCOs with extensive practical experience in their career fields. SKTs are developed by subject matter experts who authenticate WAPS material and reference AF Specialty-specific occupational analysis data. Questions are based upon study references listed in the Enlisted Promotions References and Requirements Catalog. Individual responsibilities are in Chapter 4, paragraph 4.2.11 of DAFMAN 36-2664, *Personnel Assessment Program.* WAPS is not applicable to the Air Reserve Component.

3. Recommendations. Comments and recommendations are invited concerning the quality of AETC training. A Customer Service Information Line (CSIL) has been installed for use by supervisory personnel. The purpose of this line is to report STS training deficiencies from technical school (i.e. trained incorrectly or not trained at all) not the Airman's lack of knowledge retention. For a quick response to concerns, call CSIL at DSN 597-4566, Comm 228-377-4566, or fax DSN 597-3790, or e-mail at, 81trg.tge.Workflow@us.af.mil. Reference this STS and identify the specific area of concern (paragraph, training standard element, etc).

SECTION B - COURSE OBJECTIVE LIST
This area is reserved.

SECTION C - SUPPORT MATERIAL
There are currently no support material requirements. This area is reserved.

SECTION D - TRAINING COURSE INDEX

1. Purpose. This section of the CFETP identifies training courses available for the specialty and shows how the courses are used by each MAJCOM in their career field training programs.

2. Air Force In-Residence Courses.

COURSE NUMBER	COURSE TITLE	LOCATION
E3ABR1C531 00AF	Command and Control Battle Management Operations Apprentice	Keesler AFB, MS
Z-WD-GB-LK	Weapons Director Ground-Based Training	Luke AFB, AZ
ACC CRC WIC	Control and Reporting Center Weapons Instructor Course	Nellis AFB, NV

SECTION E - MAJCOM UNIQUE REQUIREMENTS

3. **Air Combat Command Courses.**

COURSE NUMBER	COURSE TITLE	LOCATION
AOCIQTAMD	Air Operations Center (AOC) Initial Qualification Training (IQT), Air Mobility Division Course	505 TRS, Hurlburt AFB, FL
AOCIQTASP	Air Operations Center (AOC) Initial Qualification Training (IQT), Airspace Course	505 TRS, Hurlburt AF, FL
AOCIQTC2T	Air Operations Center (AOC) Initial Qualification Training (IQT), Command and Control Technician Course	505 TRS, Hurlburt AFB, FL
AOCIQTCOD	Air Operations Center (AOC) Initial Qualification Training (IQT), Combat Operations Division Course	505 TRS, Hurlburt AFB, FL
AOCIQTCPD	Air Operations Center (AOC) Initial Qualification Training (IQT), Combat Plans Division Course	505 TRS, Hurlburt AFB, FL
AOCIQTIAMD	Air Operations Center (AOC) Initial Qualification Training (IQT), Integrated Air Missile Defense Course	505 TRS, Hurlburt AFB, FL
AOCIQTICC	Air Operations Center (AOC) Initial Qualification Training (IQT), Interface Control Cell Course	505 TRS, Hurlburt AFB, FL
AOCIQTPRC	Air Operations Center (AOC) Initial Qualification Training (IQT), Personnel Recovery Coordination Cell Course	505 TRS, Hurlburt AFB, FL
ASOC IQC	Air Support Operations Center (ASOC) Initial Qualification Course (IQT) Course	6 CTS, Nellis AFB, NV
JFC	Joint Firepower Course	6 CTS, Nellis AFB, NV

JT-101	Introduction to Joint Multi-TDL Network (MTN) Operations	CBT on JKO
JT-102	Multi-TDL Advanced Joint Interoperability Course (MAJIC)	Joint Multi-TDL School (JMTS), Fort Bragg, NC
JT-201	Multi-TDL Planner Course	Joint Multi-TDL School (JMTS), Fort Bragg, NC
JT-220	Link 16 Unit Manager Course (LUM)	Joint Multi-TDL School (JMTS), Fort Bragg, NC
JT-310	Advanced Joint Interface Control Cell Operator Course (AJOC)	Joint Multi-TDL School (JMTS), Fort Bragg, NC

4. AETC In-residence Courses

COURSE NUMBER	COURSE TITLE	LOCATION
CRC IQT ST	Control and Reporting Center, Initial Qualification Training, Surveillance Technician	607 ACS, Luke AFB, AZ
IQT WD	Initial Qualification Training, Weapons Director	607 ACS, Luke AFB, AZ
CRC IQT ICT	Control and Reporting Center, Initial Qualification Training, Interface Control Technician	607 ACS, Luke AFB, AZ
CRC IQT AST	Control and Reporting Center, Initial Qualification Training, Air Surveillance Technician	607 ACS, Luke AFB, AZ
CRC MSO IQT	Control and Reporting Center, Mission System Operator Initial Qualification Training	607 ACS, Luke AFB, AZ
E5AZG1C371	Inland Search and Rescue Planning Course	National SAR School, Yorktown, VA

5. Other In-residence Courses.

COURSE NUMBER	COURSE TITLE	LOCATION
P-US018	Fundamentals of Personnel Recovery Course (PR 102)	CBT on JKO
PR-300	Personnel Recovery Execution	Personnel Recovery Education and Training Center (PRETC Fredericksburg, VA
PR-303	Non-Conventional Assisted Recovery (NAR) Plans and Operations	Personnel Recovery Education and Training Center (PRETC) Fredericksburg, VA
SA1103	GCCS-J COP Basic-Agile Client	Fort Eustis, VA
SA2102	GCCS-J COP Advances	Fort Eustis, VA
NAVY TOPGUN	United States Navy Fighter Weapons School (TOPGUN) Air Intercept Controller (AIC) Course	NAS Fallon, NV
USMC WTI 1228	United States Marine Corps Weapons and Tactics Instructor Course	MCAS Yuma, AZ

BY ORDER OF THE SECRETARY OF THE AIR FORCE OFFICIAL

OFFICIAL

DUSTY G. FREDRIKSON, CMSgt, USAF
1C5 Career Field Manager

2 Attachment
   1. Qualitative Requirements
   2. Specialty Training Standard

ATTACHMENT 1

A1. QUALITATIVE REQUIREMENTS

This Block Is For Identification Purposes Only		
Name Of Trainee		
Printed Name (*Last, First, Middle Initial*)	**Initials (Written*)***	**SSAN** (Last 4)
Printed Name Of Certifying Official And Written Initials		
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	
N/I	*N/I*	

Note: Place a continuation sheet behind the CFETP when additional space is required.

Proficiency Code Key		
	Scale Value	**Definition: The individual**
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
	2	Can do most parts of the task. Needs help only on hardest parts. (Partially Proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
*Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step-by-step procedures for doing the task. (Procedures)
	c	Can identify when and why the task must be done and why each step is needed. (Operating Principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
**Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)

Explanations
* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course.

X This mark is used alone in the course columns to show that training is required but not given due to limitations in resources.

NOTE: All 3-level tasks and knowledge items shown with a proficiency code are considered wartime tasks. See paragraph 2.1.1. for description of wartime schedule/tasks.

ATTACHMENT 2

A2. Specialty Training Standard.

1. Tasks, Knowledge and Technical References	2. Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	Core/Certifier ^	Deployment */ SEI +	A	B	C	D	E	A 3 Skill Level	B 3 Skill Level (DL)	C 5 Skill Level	D 7 Skill Level
			Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	DL Course	OJT	OJT
3.8.2. Electronic Protection (EP)								A	A	-	-
3.9. Aircraft Catagories								-	-	-	-
3.9.1. MAF								A	A	-	-
3.9.2. CAF								A	A	-	-
3.9.3. SOF								A	A	-	-
3.10. Mission Planning Documents								-	-	-	-
3.10.1 ATO, ACO								1a	1a	-	-
3.10.2 SPINS,OPTASKLINK, ROE, ALR,								B	B	-	-
3.11. Security								-	-	-	-
3.11.1. Classification Levels								A	A	-	-
3.11.2. Markings/Handling								A	A	-	-
3.11.3 OPSEC								A	A	-	-
3.11.4 COMSEC								A	A	-	-
3.12. Reference Systems								-	-	-	-
3.12.1. Military Grid Reference System (MGRS)								2b	2b	-	-
3.12.2. Plot Latitude/Longitude (LAT/LONG)								2b	2b	-	-
3.12.3. Determine Bearing/Range (Compass rose)								2b	2b	-	-
3.12.4. Global Area Reference System (GARS)								2b	2b	-	-
3.12.5. Common Grid Reference System (CGRS)								2b	2b	-	-
3.13. Tactical Data Link (TDL) (Link 11, Link 16, Link 22, JREAPS and SADL)								a/1a	a	-	-
3.14. OPTASKLINK								1a	1a		
3.15. Checklist/Crew Aid Fundamentals								b/2b	b/2b	-	-
4. Battle Management Communications TR: ACP 121, 125; AFMAN 17-1203, AFI 31-101; AFTTP(I) 3-2.6; AFTTP 3-4.IPE; FM 1-02; JTAO Interface Interoperability handbook											
4.1. Phonetic Alphabet/Codewords								-	-	-	-
4.1.1. Phonetic Alphabet								2b	2b	-	-
4.1.2. Prowords/Brevity Words								A	A	-	-
4.1.3. Authentication Procedures								A	A	-	-
4.2. Voice Systems								-	-	-	-
4.2.1. HF								a/1a	a/1a	-	-
4.2.2. VHF								a/1a	a/1a	-	-
4.2.3. UHF								a/1a	a/1a	-	-
4.2.4. SATCOM								a/1a	a/1a	-	-
4.2.5. Secure Voice Systems								a/1a	a/1a	-	-
4.3. Tactical Chat								b/1b	b/1b	-	-
4.4. Mission Briefing								A	A	-	-
5. Levels of War TR: DAFPD 13-1, DAFMAN 13-1AOC Vol 3, AFMAN 13-1CRC Vol 1,2 & 3 AFMAN 13-1 BCC Vol 1 & 3											
5.1. Tactical								A	A	-	-
5.2. Operational								A	A	-	-
5.3. Strategic								A	A	-	-
6. Air Force Mission TR: USAF Core Doctrine Vol IV, DAFPD 13-1, DAFMAN 13-1AOC Vol 3, AFMAN 13-1CRC Vol 1,2 & 3 AFMAN 13-1 BCC Vol 1 & 3; AFI 10-401, 10-403, ACC Fact Sheet, AETC Fact Sheet, ANG, PACAF Fact Sheet, USAFE Fact sheets, Defense Combatant Commands											
6.1. Major Commands								A	A	-	-
6.2. Combatant / Combined Commands								A	A	-	-
6.3. AFFORGEN								A	A	-	-
7. BASIC OPERATIONAL FUNCTIONS											
7.1 Surveillance Operations TR: AFI 13-1 Series, AFDD 2.2.1; Litton Handbooks (MCE Systems only); TM 637/008/04, and Positional Handbook MCE P3198-2											
7.1.1 Console Displays								- /2a	a	-	-
7.1.2 Detect Tracks								- /2a	a	-	-
7.1.3 Report Tracks								- /2a	a	-	-
7.1.4 Maintain Track Continuity (Monitor & Report								- /2a	a	-	-

1. Tasks, Knowledge and Technical References	Core/Certifier ^	Deployment * / SEI +	A Tng Start	B Tng Comp	C Trainee Initials	D Trainer Initials	E Certifier Initials	A 3 Skill Level Course	B 3 Skill Level (DL) DL Course	C 5 Skill Level OJT	D 7 Skill Level OJT
1. CAREER FIELD EDUCATION AND TRAINING PLAN (CFETP) TR: 1C5X1 CFETP, AFI 36-2606, DAFI 36-2502 Air Force Enlisted Classification Directory (AFECD)											
1.1. Progression in the 1C5X1 Career Field								-	-	-	-
1.1.1. Skill Level Duties of 1C531, 1C551(D), 1C571(D), 1C591, 1C500								A	A	-	-
1.1.2. Enlisted Education and Training Path								A	A	-	-
1.1.3. Air Force Enlisted Classification Directory								-		-	-
1.1.3.1. 1C5X1								A	A	-	-
1.1.3.2. Prefixes, Suffixes, Special Experience Identifiers								A	A	-	-
1.2. Specialty Training Standards								A	A	-	-
2. C2BMO Theater Air Control Systems (TACS) Structure TR: USAF Core Doctrine Annexes 3-0, 3-30, 3-52, DAFPD 13-1; DAFMAN 13-1AOC Vol 3; AFMAN 13-1CRC Vol 1,2 & 3; AFMAN 13-1 BCC Vol 1 & 3; AFI 13-114; Joint Pub 3-09, 3-09.3, 3-30, 3-60; AFTTP (I) 3-2.6, 3-2.17; AFTTP 3-3 TACS; ; Army FM 1-02.1, 3-0, ATP 3-04.64, 3-52.2											
2.1. Air Operations Center (AOC)								-		-	-
2.1.1. Mission - Roles and Function								B	B	-	-
2.1.2. Organization								B	B	-	-
2.2. Control and Reporting Center (CRC)								-	-	-	-
2.2.1. Mission - Roles and Function								B	B	-	-
2.2.2. Organization								B	B	-	-
2.3. Battle Control Center (BCC)								-	-	-	-
2.3.1. Mission - Roles and Function								B	B	-	-
2.3.2. Organization								B	B	-	-
2.4. Airborne Early Warning								-	-	-	-
2.4.1. Mission - Roles and Function								B	B	-	-
2.4.2. Organization								B	B	-	-
2.5. Air Support Operations Center (ASOC)								-	-	-	-
2.5.1. Mission - Roles and Function								B	B	-	-
2.5.2. Organization								B	B	-	-
2.6. RADC/SADC								A	A	-	-
3. Battle Management Operations TR: USAF Core Doctrine Annexes 3-01, 3-03, 3-50, 3-52; AFPD 13-1; AFI 13-1AOC Vol 3; AFI 13-1CRC Vol 1,2 & 3; AFI 13-1 BCC Vol 1 & 3; JP 3-50.2; CJCSI 3270.01A; AFDD 2-1.6; AFI 13-208; AFI 11-214; AFTTP 3-1 Series; AFI 10-706; AFI 16-1404; "Janes RADAR and Electronic Warfare Systems, and Basic RADAR Principles, Fighter Weapons School Text, January 1990"; AFTTP 3-3; Janes All the World's Aircraft, National Geospatial-Intelligence Agency, Federal Meteorological Handbook No.1; AF Facts Sheets											
3.1. Counter Air (Offensive, Suppression of Enemy Air Defenses, Defensive)								A	A	-	-
3.2. Counter Land (Air Interdiction (AI) and Close Air Support(CAS)) (TST)								A	A	-	-
3.3. HVAA Intelligence Surveillance Reconnaissance (ISR) Air Refueling (AR)								A	A	-	D
3.4. Combat Search and Rescue (CSAR)/ Personnel Recovery (PR)								A	A	-	-
3.5 Kinetic/Non-Kinetic Operations								A	A	-	-
3.6. Airspace Control								-		-	-
3.6.1. Tactical								A	A	-	-
3.6.2. Procedural								A	A	-	-
3.7. RADAR/Sensor Concepts								-		-	-
3.7.1. Fundamentals								b/2b	b	-	-
3.7.2. Characteristics								b/2b	b	-	-
3.7.3. Types								b/2b	b	-	-
3.7.4. Weather Concepts								b/2b	b	-	-
3.8. Electronic Warfare								-		-	-
3.8.1. Electronic Attack (EA)								a/1a	a	-	-

1. Tasks, Knowledge and Technical References	Core/Certifier >	Deployment * / SEI +	3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
			A	B	C	D	E	A 3 Skill Level	B 3 Skill Level (DL)	C 5 Skill Level	D 7 Skill Level
			Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	DL Course	OJT	OJT
7.2. Identification Functions TR: AFDD 2.2.1.											
7.2.1 Perform Track Correlation Using Flight Plan/ATO/ACO Data								- /2a	a	-	-
7.2.1.1. Maps and Overlays								- /2a	a	-	-
7.2.2 Apply Electronic Methods (Mode 1. 2. 3. &								- /2a	a	-	-
7.3. Apply ID Matrix											
7.3.1 Conduct Pending/Unknown Procedures TR: NI 10-15, SPINS								- /2a	a	-	-
7.3.2 Identify Critical Tracks (Hostile, Emergency, Electronic Warfare: EW)								- /2a	a	-	-