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

This change is effective for technical training provided by AETC and applies to all 1C5X1 classes.

1. Changes. Remove and replace pages.

<u>Page</u>	<u>Para</u>	<u>Course Heading</u>	<u>Action</u>
i		Table of Contents	Replace
17 – 23		STS	Replace

Replace STS in entirety. Blank pages may result following the STS until Section B begins.

2. After necessary action, file this change in the back of the CFETP.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

HERBERT J. CARLISLE
Lieutenant General, USAF
DCS, Operations, Plans and Requirements

2 Attachments:

1. Table of Contents
2. STS

**CAREER FIELD EDUCATION AND TRAINING PLAN
COMMAND AND CONTROL BATTLE MANAGEMENT OPERATIONS SPECIALTY
AFSC 1C5X1**

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OPR: HQ USAF/A3O-AY (CMSgt Donald Ennis)
Approved by: Colonel William J. Ott
Prepared by: 334 TRS/TRR
Changes: CFETP 1C5X1, Dated March 2005
Number of Pages: 37

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

QUALITATIVE REQUIREMENTS

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 only help 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 why and when 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 or CDC.		
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 tasks and knowledge items shown with a proficiency code are trained during war time.		

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
	A	B	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
1 Career Field Education and Training Plan (CFETP) TR: 1C5X1 CFETP, AFMAN 36-2245, AFI 36-2606, 36-2502, AFMAN 36-2101, 36-2108									-	-	-	-	-	-
1.1 Progression in the 1C5X1 Career Field									-	-	-	-	-	-
1.1.1 Skill Level Duties of 1C531, 1C551(D), 1C571(D), 1C591, 1C500		*							A	-	-	B	-	-
1.1.2 Special Experience Identifiers (SEIs)		*							-	-	-	B	-	-
1.1.3 Prefixes/Suffixes		*							A	-	-	A	-	-
1.1.4 Enlisted Education and Training Path		*							A	-	-	B	-	-
1.2 Specialty Training Standard (STS)		*							A	-	-	B	-	-
2 Weapons/Air Defense Systems									-	-	-	-	-	-
2.1 Theater Air Control System (TACS) TR: AFDD 2-1, AFPD 13-1, AFI 13-1AOC VOL 3		*							B	-	-	B	-	-
2.2 In-Place Air Defense Systems (NORAD, KTACS, USNORTHCOM) TR: AFI 13-1AD Vol 3, NI 10-18		*							B	-	-	B	-	-
3 Resource Management TR: AFPAM 36-2618, AFI 36-2907, 10-403, 10-201, 36-2503, 36-2201, 36-2101, AFMAN 36-2108, 1C5X1 CFETP									-	-	-	-	-	-
3.1 Personnel Assignment Tools									-	-	-	-	-	-
3.1.1 Unit Manpower Document (UMD) TR: AFI 38-201									-	-	-	-	-	-
3.1.2 Unit Personnel Management Roster (UPMR)									-	-	-	-	-	-
3.1.3 Change UMD/UPMR Using Authorization Change Request (ACR)/Authorization Change Notice (ACN)									-	-	-	-	-	-
3.1.4 Special Duty Assignment Pay (SDAP) Considerations TR: AFI 36-3017									-	-	-	-	-	-
3.1.5 Develop Crew Schedules/Schedule Work Assignments TR: AFI 13-1AD Vol 3, 13-1AOC Vol 1									-	-	-	-	-	-
3.1.6 Use Assignment Management System TR: https://www.my.af.mil/afpc2afas/AMSNET/									-	-	-	-	-	-
3.2 Personnel Orientation									-	-	-	-	-	-
3.2.1 Orient Newly Assigned Personnel to the Organization, Mission, and Training Requirements of the Unit TR: AFI 36-2201, 36-3401									-	-	-	-	-	-
3.2.2 Establish Performance Standards TR: 1C5X1 CFETP, AFI 13-1, AFH 36-2235 V11, Stan/Eval Vol 2									-	-	-	-	-	-
3.3 Operations Supervision Activities TR: AFI 13-1AD Vol 3, AFI 13-1CRC Vol 3, AFI13-1AOC Vol 3									-	-	-	-	-	-
3.3.1 Evaluate Work Performance Using Appropriate Rating Forms TR: AFI 36-2406, AFPAM 36-2627									-	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)						
	A	B	C	A	B	C	D	E	A		B		C		
	3 Level	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level	5 Skill Level	7 Skill Level	(1) Course	(2) CDC	(1) Course	(2) CDC
									(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC	
3.3.2 Resolve Operational Problems Encountered by Subordinate Personnel									-	-	-	-	-	-	
3.3.3 Initiate Action to Correct Substandard Performance TR: AFI 36-2907, 36-2503									-	-	-	-	-	-	
3.4 Mobility/Contingency Operations & Planning TR: AFI 10-244, 10-403, 10-401 Vol 1&2, AFH 10-416, AFI 38-205, AFPAN 10-100									-	-	-	-	-	-	
3.4.1 Unit Type Code (UTC)									-	-	-	-	-	-	
3.4.1.1 Manpower Force (MANFOR)									-	-	-	-	-	-	
3.4.1.2 Logistics Details (LOGDET)									-	-	-	-	-	-	
3.4.1.3 Mission Capabilities (MISCAP)									-	-	-	-	-	-	
3.4.2 Deployment Readiness Manning Document (DRMD)									-	-	-	-	-	-	
3.4.3 Individual Obligations									-	-	-	-	-	-	
3.4.4 Construct Recall Roster									-	-	-	-	-	-	
3.4.5 Operations Plan (OPLAN)/Time Phased Force Deployment Document (TPFDD) Taskings									-	-	-	-	-	-	
3.4.6 Aerospace Expeditionary Force (AEF) Taskings TR: AFI 10-401, 10-403									-	-	-	-	-	-	
4 Training TR: AFI 36-2201, 36-2101, 13-1AOC Volume 1, 13-1AD Volume 1, AFMAN 36-2621 V2, 36-2236; 1C5X1 CFETP									-	-	-	-	-	-	
4.1 Plan and Schedule On the Job Training (OJT)									-	-	-	-	-	-	
4.2 Coordinate with Unit Education and Training Manager									-	-	-	-	-	-	
4.3 Conduct Initial Evaluations									-	-	-	-	-	-	
4.4 Evaluate Adequacy of Training									-	-	-	-	-	-	
4.5 Administer the CDC Program									-	-	-	-	-	-	
4.6 Use Current CFETP									-	-	-	-	-	-	
4.7 Conduct OJT									-	-	-	-	-	-	
4.8 Evaluate OJT									-	-	-	-	-	-	
4.9 Manage OJT Documentation									-	-	-	-	-	-	
4.10 Identify Additional Formal Training Requirements									-	-	-	-	-	-	
5 Security TR: AFI 10-101, 31-401, 31-501, 31-209, 31-601, 33-202, AFPD 31-1 AFJI 31-102, DOD 5200.1									-	-	-	-	-	-	
5.1 Information Security									-	-	-	-	-	-	
5.1.1 Computer Security (COMPUSEC) TR: AFI 33-202									A	-	-	-	-	-	
5.1.2 Communications Security (COMSEC) TR: AFI 33-201									A	-	-	-	-	-	
5.1.3 Emission Security (EMSEC) TR: AFI 33-203									A	-	-	-	-	-	
5.1.4 Operations Security (OPSEC) TR: AFI 10-701									A	-	-	-	-	-	
5.1.5 Information Security Handling Procedures TR: AFI 31-401									A	-	-	-	-	-	

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
	A	B	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
5.1.6 Markings TR: DOD 5200.1-R									A	-	-	-	-	-
5.1.7 Safeguarding TR: AFI 31-501									A	-	-	-	-	-
5.2 Personnel Security TR: AFI 31-501, AFJI 31-102, AFD 31-1									-	-	-	-	-	-
5.3 Industrial Security TR: AFI 31-209									-	-	-	-	-	-
5.4 Physical Security TR: AFI 31-101, AFJI 31-102, AFI 31-210, AFD 31-1									-	-	-	-	-	-
5.4.1 Force Protection Conditions (FPCON)									A	-	-	-	-	-
5.4.2 Human Intelligence (HUMINT) TR: AFI 71-101									A	-	-	-	-	-
5.5 Information Operations TR: AFI 31-209, 31-401									A	-	-	-	-	-
6 Air Force Occupational Safety and Health (AFOSH) Program TR: AFI 91-301									-	-	-	-	-	-
6.1 AFOSH Standards for 1C5X1 AFSC									A	-	-	-	-	-
6.2 Occupational Hazards for 1C5X1 AFSC									A	-	-	-	-	-
6.3 Observe Safety Precautions in Work Area									1b	-	-	-	-	-
6.4 Use Safety Procedures Around Electronic Equipment									1b	-	-	-	-	-
7 Communications TR: ACPS 121, 125; AFI 11-214, 33-209, 33-112, 33-113; AFH 31-218 Volume 1; AFJPAM 10-228; ATTP 3-1-1; FM 101-5-1, JTAO Interface Interoperability handbook; http://www.dtic.mil/jcs/j6/cceb/acps/index.html/									-	-	-	-	-	-
7.1 Radio/Telephone (R/T) Procedures									-	-	-	-	-	-
7.1.1 Use Phonetic Alphabet									2b	-	-	-	-	-
7.1.2 Use Prowords		*							2b	-	-	B	-	-
7.1.3 Operational Brevity Code		*							A	-	-	B	-	-
7.1.4 Minimize Procedures		*							A	-	-	B	-	-
7.1.5 Use Authentication Procedures		*							2b	-	-	B	-	-
7.2 Voice Systems									-	-	-	-	-	-
7.2.1 HF		*							A	-	-	B	-	-
7.2.2 VHF		*							A	-	-	B	-	-
7.2.3 UHF		*							A	-	-	B	-	-
7.2.4 SATCOM		*							A	-	-	B	-	-
7.2.5 Have Quick		*							A	-	-	B	-	-
7.2.6 Secure Voice Systems TR: AFI 33-201 V9									-	-	-	-	-	-
7.2.6.1 Voice Over Internet Protocol (VOIP)		*							A	-	-	B	-	-
7.2.6.2 KY-68		*							A	-	-	B	-	-
7.2.6.3 Secure Telephone Equipment (STE)		*							A	-	-	B	-	-
7.2.7 Nonsecure Voice System		*							A	-	-	B	-	-
7.2.8 Transmit/Receive Voice Communications		*							2b					
7.3 Tactical Data Link (TDL) Interoperability and Weapon/ Air Defense System Interface		*							1a	-	-	B	-	-
8 Weather TR: AFMAN 15-111; AFH 11-203									-	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
	A	B	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	(2) CDC	5 Skill Level (1) Course	(2) CDC	7 Skill Level (1) Course	(2) CDC
8.1 Fundamentals		*							A	-	-	B	-	-
8.2 Interpret Weather Data		*							1a	-	-	B	-	-
9 Basic Radar Concepts TR: AFTTP 3-1 Series; "Janes RADAR and Electronic Warfare Systems, and Basic RADAR Principles, Fighter Weapons School Text, January 1990"									-	-	-	-	-	-
9.1 Radar Fundamentals		*							A	-	-	B	-	-
9.2 Sensor Characteristics		*							A	-	-	B	-	-
9.3 Sensor Types		*							A	-	-	B	-	-
10 Basic Operational Functions									-	-	-	-	-	-
10.1 Checklists TR: AFI 13-1CRC Volume 3									-	-	-	-	-	-
10.1.1 Checklist Concepts		*							B	-	-	B	-	-
10.1.2 Use Checklists		*							2b	-	-	B	-	-
10.1.3 Checklist Development/Change Recommendation Process		*							-	-	-	A	-	-
10.2 Operate Console Displays									2b	-	-	-	-	-
10.3 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									-	-	-	-	-	-
10.3.1 Detect Tracks		*							2b	-	-	B	-	-
10.3.2 Report Tracks		*							2b	-	-	B	-	-
10.3.3 Maintain Track Continuity (Monitor & Report Altitude, Speed, Heading, Mode/Code Changes)		*							2b	-	-	B	-	-
10.4 Identification Functions TR: AFDD 2.2.1									-	-	-	-	-	-
10.4.1 Perform Track Correlation Using Flight Plan/ATO/ACO Data		*							2b	-	-	B	-	-
10.4.2 Apply Electronic Methods (Mode 1, 2, 3, & 4)		*							2b	-	-	B	-	-
10.4.3 Apply ID Matrix		*							2b	-	-	B	-	-
10.4.4 Conduct Pending/Unknown Procedures TR: N 10-15		*							2b	-	-	B	-	-
10.4.5 Critical Tracks (Hostile, Emergency, Electronic Warfare: EW)									2b					
10.5 Weapons Fundamentals TR: AFI 11-214, AFTTP 3-1 Series; AFTTP 3-3, Volume 3									-	-	-	-	-	-
10.5.1 Mission and Aircraft Types TR: AFDD1; AFDD2-1; AFI 11-214									-	-	-	-	-	-
10.5.1.1 Offensive Counter Air (OCA), Defensive Counter Air (DCA), Airborne Early Warning (AEW), Personnel Recovery (PR), Air Interdiction (AI), Suppression of Enemy Air Defenses (SEAD), Close Air Support (CAS), Reconnaissance (RECCE)		*							A	-	-	B	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
	A	B	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level (1) Course	3 Skill Level (2) CDC	5 Skill Level (1) Course	5 Skill Level (2) CDC	7 Skill Level (1) Course	7 Skill Level (2) CDC
10.5.1.2 Aircraft Categories (Fighter, Bomber, C2ISR, RPV, Support)		*							A	-	-	B	-	-
10.5.1.3 Aircraft Types (F-15/16/22, A-10, B-1B, B-52, E-2, E-3, RJ, JSTARS, Predator, Global Hawk, C-17, C-130, KC-10, KC-135, MC-12) TR: AFTTP 3-3; Janes All the World's Aircraft		*							A	-	-	A	-	-
10.5.2 Tactics TR: AFTTP 3-1 Series		*							A	-	-	B	-	-
10.5.3 Continuum of Control TR: AFI 11-214									-	-	-	-	-	-
10.5.3.1 Close		*							A	-	-	B	-	-
10.5.3.2 Tactical		*							A	-	-	B	-	-
10.5.3.3 Broadcast		*							A	-	-	B	-	-
10.5.3.4 Advisory		*							A	-	-	B	-	-
10.5.3.5 Autonomous		*							A	-	-	B	-	-
10.6 Electronic Warfare TR: AFPD 10-7, AFDD 205, JP 3-51, AFI 10-707, AFI 10-703									-	-	-	-	-	-
10.6.1 Electronic Attack (EA)/ Electronic Protection (EP)		*							A	-	-	B	-	-
10.6.2 Operator Techniques									A	-	-	-	-	-
10.7 Mission Planning									-	-	-	-	-	-
10.7.1 Concept		*							A	-	-	B	-	-
10.7.2 Mission Planning Information Sources									-	-	-	-	-	-
10.7.2.1 Air Tasking Order (ATO)		*							B	-	-	B	-	-
10.7.2.2 Airspace Control Order (ACO)		*							B	-	-	B	-	-
10.7.2.3 OPTASKLINK		*							B	-	-	B	-	-
10.7.2.4 Daily Intelligence Summary (DISUM)		*							-	-	-	B	-	-
10.7.2.5 Governing Theater Directives									-	-	-	-	-	-
10.7.2.6 Rules of Engagement (ROE)/Special Instructions (SPINS)									B	-	-	B	-	-
10.7.3 Mission Briefing									B	-	-	-	-	-
10.8 Prepare Reports TR: AFI 10-201, 10-707; MIL-STD-6040, AFMAN 10-206									-	-	-	-	-	-
10.8.1 United States Message Text Format (USMTF)									-	-	-	A	-	-
10.8.2 Operational Reports (SITREP, OPREP-3 Homeline, Beeline, Pinnacle)									-	-	-	A	-	-
10.8.3 Electromagnetic Interference (EMI) Reports									-	-	-	A	-	-
10.8.4 Status of Resources and Training System (SORTS) Reports									-	-	-	A	-	-
10.9 Emergency Actions TR: NI 10-4; MCM 151-92; ACC Emergency Actions Procedures									-	-	-	-	-	-
10.9.1 Alert Conditions (LERTCONS)		*							A	-	-	B	-	-
10.9.2 Alerting Networks									-	-	-	-	-	-
10.9.3 Process Emergency Action Messages									-	-	-	-	-	-
10.10 Associated C2 Systems									-	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)					
	A	B	C	A	B	C	D	E	A		B		C	
	3 Level	5 Level	7 Level	Tng Start	Tng Complete	Trainee Initials	Trainer Initials	Certifier Initials	3 Skill Level		5 Skill Level		7 Skill Level	
									(1) Course	(2) CDC	(1) Course	(2) CDC	(1) Course	(2) CDC
10.10.1 Operate Theater Battle Management Core Systems (TBMCS) Force Level TR: TBMCS User handbook		*							2b	-	-	B	-	-
10.10.2 Air Defense System Integrator (ADSI) TR: ADSI User Handbook									A	-	-	B	-	-
10.10.3 Global Command and Control System (GCCS) TR: CJCSI 6721.01A, CJCSI 6721.02A; GCCS User Handbook, GCCS/COP Familiarization 33G-B00 Authorized by AETC, and COP Handbook Version 1.0									A	-	-	B	-	-
10.10.4 TDF Systems: Battle Control System (BCS) F/K (Fixed/Korea), Battle Command Control Central (BC3)									A	-	-	B	-	-
10.10.5 Joint Range Extender (JRE), Ground Mobile Gateway (GMG)									A					
10.11 Use Reference systems TR: AFI 13-1CRC Volume 3, AFI 11-214; FM 3-25-26									-	-	-	-	-	-
10.11.1 Military Grid Reference System (MGRS)		*							A	-	-	B	-	-
10.11.2 Latitude/Longitude (LAT/LONG)		*							2b	-	-	B	-	-
10.11.3 Bearing/Range		*							2b	-	-	B	-	-
10.11.4 Global Area Reference System (GARS)		*							A	-	-	B	-	-

Note: BLK #4: Columns (1) & (2) can be relabeled to meet CF Requirements; i.e., 2 phase 3 skill level course, 5 level QTPs.