

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

**AIR FORCE SPECIAL OPERATIONS
COMMAND INSTRUCTION 11-207**



8 APRIL 2015

Certified Current 06 July 2016

Flying Operations

**AFSOC WEAPONS AND TACTICS
PROGRAM**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: This publication is available on the e-Publishing website at www.epublishing.af.mil for downloading or ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: AFSOC/A3T

Certified by: HQ AFSOC/A3T
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Supersedes: AFSOCI11-207,
16 August 2012

Pages: 56

This instruction implements Air Force Policy Directive (AFPD) 11-2, *Aircraft Rules and Procedures*, Air Force Instruction (AFI) 11-200, *Aircrew Training, Standardization/Evaluation, and General Operations Structure*, and supports the requirements of Air Force Mission Directive (AFMD) 6, *Air Force Special Operations Command (AFSOC)*. It provides requirements and guidance for managing the AFSOC weapons and tactics program. It addresses training, information management, assessment, resources, and related processes at each echelon within AFSOC. This instruction is applicable to AFSOC gained Air Forces Reserve and Air National Guard units. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the Air Force (AF) Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional's chain of command. This publication may be supplemented at any level, but all direct supplements must be routed to the OPR of this publication for coordination prior to certification and approval. Requests for waivers must be submitted to the OPR listed above for consideration and approval. The authorities to waive wing/unit level requirement in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. Requests for waivers must be submitted through the chain of command to the appropriate Tier waiver approval authority IAW Air Force Instruction (AFI) 33-360, *Publications and Forms Management*, Table 1.1. Requests for waivers of non-tiered items must be processed through command channels to the publication OPR for consideration. This publication requires the collection and or maintenance of information protected by the Privacy

Act of 1974 authorized by 37 USC 301a, *Incentive Pay: aviation career*; Public Law 92-204, *Appropriations Act for 1973*; Section 715 Public Law 93-570, *Appropriations Act for 1974*; Public Law 93-294, *Aviation Career Incentive Act of 1974*; DOD Instruction 7730.57, *Aviation Incentive Pays and Continuation Bonus Program*; and Executive Order 9397 (SSN) as amended by Executive Order 13478, *Amendments to Executive Order 937 Relating to Federal Agency Use of Social Security Numbers*, November 18, 2008. The applicable SORN, F011 AF XO A, Aviation Resource Management Systems (ARMS), is available at: <https://dpclo.defense.gov/privacy/SORNS/SORNS.html>.

SUMMARY OF CHANGES

This document is substantially revised and must be completely reviewed. This revision establishes the division of responsibilities between AFSAWC/TD and HQ AFSOC/A3TW and outlines new responsibilities for the group and squadron tactics offices.

Chapter 1—GENERAL POLICY	5
1.1. General.	5
1.2. Tactics Program Goal and Objectives.	5
1.3. Recommendations for Change.	5
1.4. Supplements.	5
1.5. Waivers.	5
Chapter 2—RESPONSIBILITIES	7
2.1. General.	7
2.2. AFSOC/A3:	7
2.3. AFSOC Weapons and Tactics (HQ AFSOC/A3TW) Responsibilities.	7
Table 2.1. AFSOC/A3TW Publication Responsibilities.	8
2.4. Air Force Special Operations Air Warfare Center Tactics Development (AFSAWC/TD) Responsibilities.	10
2.5. Group Weapons and Tactics Responsibilities:	11
Table 2.2. Group Weapons and Tactics Manning Requirements.	14
2.6. Squadron Weapons and Tactics Responsibilities:	15
Table 2.3. Squadron Weapons and Tactics Manning Requirements.	17
2.7. HQ AFSOC/A1.	20
2.8. HQ AFSOC/A2.	20
2.9. HQ AFSOC/A4.	20
2.10. HQ AFSOC/A5/8.	20
Chapter 3—COMBAT OPERATIONS PLANNING	21

3.1.	General.	21
3.2.	Capabilities/Mission Assessment.	21
3.3.	Designed Operational Capabilities (DOC) Statements and Mission Essential Task Listings (METL).	21
Chapter 4—TACTICS DEVELOPMENT AND IMPROVEMENT PROGRAM (TDIP)		22
4.1.	General.	22
4.2.	Test Request.	22
4.3.	Quick Look Project/Immediate War Requirement.	22
4.4.	Aircraft Modification Requests.	22
4.5.	Urgent Operational Need (UON) for Air Force capabilities, and Combat Mission Need Statements (CMNS) for SOF capabilities.	22
4.6.	High-Cost Capabilities Development.	23
4.7.	USAF Deficiency Reporting, Investigation, and Resolution.	23
4.8.	Change of Flight Manual.	23
4.9.	Tactics Improvement Proposal (AF IMT 4326).	23
Figure 4.1.	AFSOC Tactics Improvement Proposal Process.	24
4.10.	Tactics After Action Reports (TAAR).	24
Table 4.1.	TAAR Format.	26
4.11.	Tactics Review Board (TRB).	26
Chapter 5—TACTICS TRAINING		28
5.1.	General.	28
5.2.	Threat System Recognition Training.	28
5.3.	Combat Mission Training (CMT).	28
Table 5.1.	Combat Mission Training Required Topics.	29
5.4.	Quarterly Tactics Training.	31
5.5.	Tactical Employment/Threat Open Book Test.	31
5.6.	Verification Planning Exercises (VPE).	32
5.7.	Combat Mission Sortie (CMS).	32
5.8.	AFSOC Tactics Intra-fly Program (TIFP).	33
5.9.	Weapons and Tactics Library.	33
Table 5.2.	Tactics Library Publications.	34
Table 5.3.	Special Tactics Required Tactics Publications.	35
Attachment 1—GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION		37

Attachment 2—WAIVER REQUEST	46
Attachment 3—APPOINTMENT LETTER	49
Attachment 4—VPE PLANNING ELEMENTS	50
Attachment 5—CMS OBSERVATION CHECKLIST	52
Attachment 6—AFSOC REPORTING PROCEDURES FOR WEAPON EMPLOYMENT INCIDENTS	56

Chapter 1

GENERAL POLICY

1.1. General. HQ AFSOC is designated as lead command for developing, documenting, and disseminating tactics for Air Force Special Operation Forces (AFSOF), AFSOC-gained Air National Guard (ANG), and Air Force Reserve Component (AFRC) forces. This instruction describes the AFSOC tactics program to fulfill this responsibility. AFSOC Weapons and Tactics (AFSOC/A3TW) is responsible for overseeing execution of the AFSOC Weapons and Tactics program.

1.2. Tactics Program Goal and Objectives. The goal of the weapons and tactics program is to support unit commanders in their responsibility to provide combat-ready aircrews and tactical ground personnel to the combatant commander. This instruction provides a framework for the AFSOC tactics program. The unit tactics program should focus significant effort on instructing unit personnel on proper planning, employment, and assessment of published tactics, techniques, and procedures (TTP). In those situations where published TTP and equipment are lacking, it is the responsibility of the unit tactician to identify how tactical realities have changed, what the proposed solutions are, and then to share that information both vertically and laterally. A properly administered tactics program will:

- 1.2.1. Ensure unit training supports Mission Essential Task List (METL).
- 1.2.2. Provide a reliable source for planning, employment decision-making, and a realistic assessment of combat capability at all levels.
- 1.2.3. Validate existing tactics.
- 1.2.4. Provide for active participation in the development of TTP.
- 1.2.5. Manage and disseminate cross flow of relevant tactics information among AFSOC units and appropriate outside organizations.
- 1.2.6. Serve as the operations focal point for weapons and munitions issues.
- 1.2.7. Serve as the focal point for external tactical training support.
- 1.2.8. Ensure program development, implementation, and sustainment.

1.3. Recommendations for Change. Submit recommendations for changes to HQ AFSOC/A3TW using an AF Form 847.

1.4. Supplements. Each wing/group may supplement this instruction as necessary but may not be less restrictive. Forward a copy of the draft supplement to HQ AFSOC/A3TW for final review prior to implementation.

1.5. Waivers. Waivers should be in letter format and contain: paragraph number and name defining requirement; reason for inability to comply with requirement; if waiver is a renewal to a previous waiver, explain why another waiver is required; description of the plan to achieve compliance; and approximate date of expected compliance (see [Attachment 2](#) for format). HQ AFSOC/A3TW is the point of contact for tracking and notification within the command. Approved waiver requests will be returned, through channels, to the requesting unit. Waivers will remain valid until the expected compliance date or one year from their approval date,

whichever occurs first. Unit tacticians will review waivers quarterly to assess progress toward compliance with this instruction.

1.5.1. Waiver Approval Process. AFSOC/A3 is the approval authority for all Tier 2 waivers to this instruction. AFSOC/A3 may delegate waiver authority to a designated COMAFSOF for forces under their OPCON. Waivers must be reviewed and approved through each level in operations channels. HQ AFSOC will notify NGB/A3 and/or AFRC/A3 of waiver status disposition for ANG or AFRC units. Waiver requests for administrative or manning issues originating from ANG and AFRC units will be staffed through NGB/A3 or AFRC/A3 with information copies sent to AFSOC/A3. All other waiver requests originating from ANG and AFRC units must be staffed through the NGB/A3 or AFRC/A3 prior to final approval/disapproval by AFSOC/A3.

1.5.1.1. Tier requirements refer to waiver authority based on level of risk.

1.5.1.1.1. "Tier 0" (T-0) is determined by the respective non-Air Force authority (e.g. Congress, White House, Joint Staff) and non-compliance is determined and waived by respective non-Air Force authority.

1.5.1.1.2. "Tier 1" (T-1) non-compliance puts Airmen, commanders, or the USAF strongly at risk of mission or program failure, death, injury, legal jeopardy or unacceptable fraud, waste or abuse. The waiver authority is the MAJCOM/CC, delegable no lower than MAJCOM Director.

1.5.1.1.3. "Tier 2" (T-2) requirements are reserved for requirements that potentially put the mission at risk or potentially degrade the mission or program, and may only be waived by the MAJCOM/CC or delegate.

1.5.1.1.4. "Tier 3" (T-3) requirements are reserved for requirements that non-compliance has a remote risk of mission failure, and may be waived by the Wing/CC but no lower than the OG/CC.

Chapter 2

RESPONSIBILITIES

2.1. General. The goal of the tactics program is to support unit commanders in their responsibility to provide combat-ready aircrews and tactical ground personnel to the combatant commander. Each unit's weapons and tactics program should focus significant effort on instructing unit personnel on proper planning, employment, and assessment of published TTPs and equipment. In those situations where published TTP and equipment are lacking, it is the responsibility of the unit tactician to identify how tactical realities have changed, what the proposed solutions are, and then to share that information both vertically and laterally. Responsibilities to accomplish this can be broken down into four categories: program administration, tactical preparation for combat operations, tactics development and improvement, and tactics training and assessment. The following chapter highlights responsibilities of each office for the AFSOC Weapons and Tactics program.

2.2. AFSOC/A3:

2.2.1. As the AFSOC Director of Operations, AFSOC/A3 is primarily responsible for the direction and training forces and for ensuring the command's operators are capable of accomplishing their assigned mission. AFSOC/A3TW is responsible for overseeing the program execution on behalf of AFSOC/A3.

2.2.2. Approves the AFSOC Tactics Program outlined in this instruction. (T-2)

2.2.3. Approves waivers to this instruction. (T-2)

2.3. AFSOC Weapons and Tactics (HQ AFSOC/A3TW) Responsibilities. HQ AFSOC/A3TW is the office of primary responsibility (OPR) for the AFSOC Weapons and Tactics program and this instruction. HQ AFSOC/A3TW will recommend approval or disapproval of waivers submitted in accordance with (IAW) this instruction prior to submitting to AFSOC/A3. HQ AFSOC/A3TW is responsible for policy and oversight of the weapons and tactics program. This includes administration of the program and headquarters level capabilities efforts.

2.3.1. HQ AFSOC/A3TW Weapons and Tactics Program Administration.

2.3.1.1. Monitor each unit's compliance through the Management Internal Control Toolset at <https://mict.us.af.mil/> and submit results to AFSOC/A3 and AFSOC/IG. (T2)

2.3.1.2. Participate in Tri-annual Airdrop Malfunction and Safety Analysis Review Boards (AMSARB). Ensure all units with an airdrop mission identify and analyze airdrop malfunctions using the DD Form 1748-2, *Airdrop Malfunction Report*, material deficiencies, and provide input to establish corrective procedures. (T-2)

2.3.1.3. Review results of group aerial delivery review panels (ADRP) and recommend corrective actions to AFSOC/A3. HQ AFSOC/A3TW will maintain a repository of ADRP results and will determine whether to forward results to Air Mobility Command for inclusion into the master database within 30 days of the incident per AFI 13-217 *Drop Zone and Landing Zone Operations*. (T-2)

2.3.1.4. Review requests for rigging and airdrop of standard loads using non-standard rigging. (T-2)

2.3.1.5. Approve Forward Area Refueling Point (FARP) sites and publish a master FARP site list on the AFSOC Tactics Information Management (ATIM) website at <https://eis.afsoc.af.mil/sites/afsoawc/A9/A9T/ATIMS/default.aspx>. (T-2)

2.3.1.6. Review results of group munitions delivery review board (MDRB) following an off range/off target expenditure and/or weapons malfunction. Employment incidents will be handled IAW AFI 11-202, Vol 3, AFSOC SUP, *General Flight Rules*. HQ AFSOC/A3TW will identify and analyze MDRB results, malfunctions, and equipment/weapon deficiencies and provide input to establish corrective procedures. HQ AFSOC/A3TW will maintain an archive of MDRB results. (T-2)

2.3.1.7. Coordinate with applicable Air Staff, MAJCOM, and Air Force Personnel Center (AFPC) agencies on all "W" prefix manpower actions to ensure requirements reflect adequate justification for assignment of the "W" prefix IAW AFI 11-415, *Weapons and Tactics Program*. (T-2)

2.3.1.8. The chief of HQ AFSOC/A3TW will be a United States Air Force Weapons School (USAFWS) graduate IAW AFI 11-415. (T-3)

2.3.1.9. Conduct selection and award procedures for AFSOC Tactician of the Year Awards in accordance with AFSOCI 36-2805, *Directorate of Operations Awards Program*. (T-2)

2.3.1.10. Review, coordinate, and make recommendations to change documents and forms listed in **Table 2.1**. (T-2)

Table 2.1. AFSOC/A3TW Publication Responsibilities.

Publication / Form	Title	Duty
AFCAT 21-209, Vol 1	Ground Munitions Allocation Tables (GMAT)	Coord
AFI 10-703	Electronic Warfare Integrated Reprogramming	Coord
AFI 10-706	Electronic Warfare Operations	Coord
AFI 10-3502 Series	Pararescue and Combat Rescue Officer Training, Standardization, and Operations	Coord
AFI 11-231	Computed Air Release Point Procedures	Coord
AFI 11-260	Tactics Development Program	Coord
AFI 11-415	Weapons and Tactics Programs	Coord
AFI 11-2 Mission Design Series (MDS)	Aircrew Training, Standardization, and Operations	Coord
AFI 13-212	Range Planning and Operations	Coord
AFI 13-217	Drop Zone and Landing Zone Operations	Coord
AFI 13-217, AFSOCSUP	Drop Zone and Landing Zone Operations	Coord
AFJ 13-210(I)	Joint Airdrop Inspection Records, Malfunction/Incident Investigations, and Activity Reporting	Coord
T.O. 13C7-1-(Series)	Joint Airdrop Rigging Technical Orders	Coord

Publication / Form	Title	Duty
AFI 10-703, AFSOCSUP	Electronic Warfare Integrated Reprogramming	Publish
AFI 11-231, AFSOCSUP	Computed Air Release Point Procedures	Publish
AFI 11-235	Forward Area Refueling Point Procedures	Publish
AFSOCI 11-207	AFSOC Tactics Program	Publish
AFTTP 3-1 MDS Series	Tactical Employment	Publish
AFTTP 3-3 MDS Series	Combat Aircraft Fundamentals	Publish
AFSOC Tactics Handbooks	Tactical Employment	Publish
AF Form 4326	Tactics Improvement Proposal	Action/Publish

2.3.2. HQ AFSOC/A3TW Tactical Preparation for Combat Operations.

2.3.2.1. Annually review and evaluate current mission requirements, employment tactics, mission planning routines, and analysis of current and emerging threats in coordination with Special Operations Forces Tactics and Adversaries Studies Element (SOFTASE) to identify tactical requirements and deficiencies. (T-2)

2.3.2.2. Conduct an annual review of Operational Plans (OPLAN), Contingency Plans (CONPLAN), USSOCOM, and AF operational concepts of operation (CONOP). Information on these products will be distributed to units annually via the AFSOC Tactics Review Board (TRB), SOF Tactics Analysis Team (SOFTAT) and the Secure ATIM site at <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. (T-2)

2.3.2.3. Conduct an annual review of mission requirements, Designed Operational Capability (DOC) Statements, and Mission Essential Task Lists used for readiness reporting. Coordinate with units and HQ AFSOC/A3TO to initiate and manage required changes in the Universal Joint Task List (UJTL) and the Air Force Universal Task List (AFUTL), as to ensure unit METLs remain up-to-date. See **Paragraph 3.3** for more details. (T-2)

2.3.3. HQ AFSOC/A3TW Tactics Development and Improvement Program.

2.3.3.1. Convene/chair annual HQ-level SOFTAT and TRB. (T-2)

2.3.3.2. Participate in the following groups: Air Force Tactics, Techniques, and Procedures (AFTTP) Rewrite Working Groups; Training Planning Teams; Gatekeeper Meetings, Configuration Review Boards (CRB); Test Prioritization Boards (TPB); Requirements Review Boards (RRB); Integrated Process Teams (IPT), Lessons Learned Work Groups (LLWG). (T-2)

2.3.3.3. Maintain the AFSOC Tactics Improvement Proposal (TIP) database (AF Form 4326) and Operational Testing Database (AF Form 93, *Test Request*) on the Secure ATIM site <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. AFSOAWC/TD will provide concurrence or non-concurrence recommendations and identify corrective action within four weeks of a TIP being input into the database, but not before group concurs with a TIP. For more details on the TIP process see **Paragraph 4.9**. (T-2)

2.3.3.4. Act as tactical advisor to the AFSOC/A3 and AFSOC/A5/8 for weapons system modifications and new technologies. Conduct a monthly review of AF Form 1067, *Modification Proposal* to determine tactical impact and to make recommendations to the modifications process. (T-2)

2.4. Air Force Special Operations Air Warfare Center Tactics Development (AFSOAWC/TD) Responsibilities. AFSOAWC is responsible for developing SOF capabilities through innovative tactics, technology, and training. As part of this, AFSOAWC/TD is the focal point for tactics development which include, tactical preparation for combat operations, leading the Tactics Development and Improvement Program (TDIP), and facilitating tactical training and assessment of AFSOC warfighters. AFSOAWC/TD will perform the following functions:

2.4.1. AFSOAWC/TD Weapons and Tactics Program Administration.

2.4.1.1. Conduct an observation sortie under the Tactics Interfly Program (TIFP) for each AFSOC weapons system at least once annually. A Tactics After Action Report (TAAR) will be completed following completion of the observation sortie. See [Paragraph 5.8](#) for more details. (T-2)

2.4.1.2. Maintain AFSOC Tactician Management Training (TMT) courseware and post most current courseware on the ATIMS website <https://eis.afsoc.af.mil/sites/afsoawc/A9/A9T/ATIMS/default.aspx>. (T-2)

2.4.1.3. The chief of AFSOAWC/TD will be a USAFWS graduate IAW AFI 11-415 *Weapons and Tactics Program*. (T-3)

2.4.1.4. AFSOAWC/TD will be organized into functional areas capable of supporting Design Operational Capability (DOC) tasked mission sets. Functional areas will be manned with officer, enlisted, and civilian personnel in order to perform tactics development functions for all AFSOC MDS aircraft and Battlefield Airmen. AFSOAWC/ TD will be manned by USAFWS graduates, instructors, and civilian subject matter experts with the necessary tactical expertise to lead and facilitate tactics development for AFSOC. (T-2)

2.4.2. AFSOAWC/TD Tactical Preparation for Combat Operations.

2.4.2.1. Annually review and evaluate current mission requirements, employment tactics, mission planning routines, and analysis of current and emerging threats in coordination with SOFTASE to identify tactical requirements and deficiencies. (T-2)

2.4.2.2. AFSOAWC/TD will appoint the SOFTAT operations co-chair. Information on SOFTAT and the duties of the SOFTASE can be found on SIPR at <http://afsofnet.afsoc.af.smil.mil/sites/a2/a2o/A2OA/default.aspx>. The operations co-chair will work with the intelligence co-chair, and the SOFTASE to ensure all AFSOC units receive the latest SOFTAT products which will be posted on the Secure ATIMS website <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. (T-2)

2.4.3. AFSOAWC/TD Tactics Development and Improvement Program.

2.4.3.1. Provide topics, subject matter expertise, and tactics improvement proposals for annual HQ-level TRB. (T-2)

2.4.3.2. Conduct an annual Tactics Working Groups (TWG) to address tactical level deficiencies. (T-2)

2.4.3.3. Develop an annual AFSOC Tactical Level Deficiency List, staff it for AFSOC/A3 for approval, and publish the list on the Secure ATIMS <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. Deficiencies will be

prioritized based on mission impact. The list will be published following the annual AFSOC Tactics Working Group and will be used to prioritize tactical improvement proposals, operational test requests, and to make recommendations on modifications. (T-2)

2.4.3.4. Participate in the following: AFTTP Rewrite Working Groups; Gatekeeper Meetings, CRB; TPB; RRB; IPT, LLWG. (T-2)

2.4.3.5. Serve as OPR for AFTTP 3-1 series, AFTTP 3-3 series, and AFSOC Tactics Handbook revision processes. Provide volume OPRs for each AFSOC volume of AFTTP 3-1 and 3-3 and necessary support to conduct the rewrite conferences. AFSAWC/TD will ensure pertinent communities are notified when revised AFTTP publications or AFSOC Tactics Handbooks are available so local secure question banks (SQB) may be updated, if required. (T-2)

2.4.3.6. Author concepts of employment (CONEMP) for AFSOC weapons systems and provide tactics subject matter expertise for tactics development and evaluation (TD&E) efforts, operational tests (OT), developmental tests (DT) and coordinate on test plan development and reports. (T-2)

2.4.4. AFSAWC/TD Tactics Training and Assessment.

2.4.4.1. Maintain an AFSOC Tactics Library which includes, at a minimum the publications listed in **Table 5.2** and **Table 5.3**. For classified documents, the library will be maintained at <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>, and unclassified documents will be maintained at <https://eis.afsoc.af.mil/sites/afsoawc/A9/A9T/ATIMS/default.aspx>. AFSAWC/TD will also maintain an unclassified AFSOC Weapons and Tactics library accessible via the AFSOC Electronic Flight Bag (EFB). Instructions for syncing the electronic flight bag to the AFSOC weapons and tactics library can be found at <https://www.sofapps.com/chub/units/afsoc/sub-units/afsoawc/sub-units/AFSOC%20Weapons%20and%20Tactics>. (T-2)

2.4.4.2. Observe and critique ground and flight operations during AFSOC exercises. At a minimum, this should include EMERALD WARRIOR, SOFEX, and USAFWS' Integration Phase. AFSAWC/TD will complete a Tactics After Action Report (TAAR) for all observations. (T-2)

2.4.4.3. Facilitate tactics information distribution and crosstell by maintaining the secure ATIMS <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims> and unclassified ATIMS <https://eis.afsoc.af.mil/sites/afsoawc/A9/A9T/ATIMS/default.aspx>. (T-2)

2.4.4.4. Administer the AFSOC Electronic Warfare Program to include reviewing test/evaluation results IAW AFI 10-706, *Electronic Warfare (EW) Operations*, and implement/distribute changes to tactics. AFSAWC/TD will administer the Electronic Warfare Integrated Reprogramming (EWIR) program IAW AFI 10-703, *Electronic Warfare Integrated Reprogramming*. (T-2)

2.5. Group Weapons and Tactics Responsibilities: The group weapons and tactics office is responsible for executing the group's weapons and tactics program and serve as the focal point to the OG/CC for tactical employment of his combat resources. These responsibilities include

administration, tactical preparation for combat operations, leading the group TDIP, and overseeing tactical training and assessment. The group weapons and tactics office will comply with the following:

2.5.1. Group Weapons and Tactics Program Administration.

2.5.1.1. Conduct a semi-annual self-assessment checklist using the AFSOCI 11-207 checklist in MICT <https://mict.us.af.mil/>. (T-2)

2.5.1.2. Monitor each unit's compliance through the Management Internal Control Toolset at <https://mict.us.af.mil/>. (T2)

2.5.1.3. The group tactics loadmaster, or designated representative with a malfunction to report, will attend the tri-annual AMSARBs IAW AFJI 13-210, *Joint Airdrop Inspection Records, Malfunction/Incidents, Investigations and Activity Reporting*, and prepare a summary report for all units with an airdrop mission within the group. Provide a copy of this report to HQ AFSOC/A3TW via email to AFSOC.A3TW@us.af.mil. (T-3)

2.5.1.4. The group tactics loadmaster will host an airdrop symposium at least once each semi-annual period (ARC Annual if waived by OG/CC) for all loadmasters from units with an airdrop mission. These symposiums will be used to disseminate information from recent AMSARBs in addition to discussing lessons learned and on-going initiatives. (T-3)

2.5.1.5. Submit approval requests for rigging and airdrop of standard loads using non-standard rigging to HQ AFSOC/A3TW AFSOC.A3TW@us.af.mil. (T-2)

2.5.1.6. Identify and analyze airdrop incidents, malfunctions, and material deficiencies; provide input to establish corrective procedures by chairing ADRPs to investigate all airdrop incidents or malfunctions IAW AFJI 13-210, AFI 13-217, and local guidance. Convene the ADRP no later than the next duty day after the airdrop incident occurs for local missions or within five days for off station incidents. Forward completed ADRP reports to HQ AFSOC/A3TW AFSOC.A3TW@us.af.mil within 14 days of the incident after routing through local chain of command. (T-3)

2.5.1.7. Conduct safety of flight reviews, and recommend approval/disapproval for drop zone (DZ), Landing Zone (LZ), Helicopter Landing Zone (HLZ), and gunnery range surveys IAW AFI 13-217. Assist squadrons with locating current surveys for upcoming training, exercise, or contingency events. Monitor survey expiration dates and coordinate for zones to be resurveyed as required. (T-3)

2.5.1.8. Research compatibility of locations for potential FARP use, survey new FARP sites, and forward completed FARP surveys to HQ AFSOC/A3TW for final approval IAW AFI 11-235. (T-2)

2.5.1.9. Munitions Delivery Review Board. IAW AFI 11-202, Vol 3 AFSOC SUP, to identify potential problems with checklist procedures, training, or bad ammunition lots; group tactics will investigate weapon failures, known/suspected malfunctions, and any large unpredicted misses. The chief of tactics will review the report and submit recommendations to the group commander. A copy of the completed investigation report will be forwarded through the group/wing Commander to HQ AFSOC/A3TW for review and analysis. (T-3)

- 2.5.1.10. Coordinate with AFSOC/A3 for training, contingency, and deployment munitions requirements (quantity and type). (T-3)
- 2.5.1.11. To promote cross-tell, Group tactics will accomplish an intra-fly sortie on each airframe within the group at least once each semiannual period in accordance with **Paragraph 5.8**. Maintain a record of Group Intra-fly participation for two years. Document noteworthy observations on a TAAR (See **Table 4.1** for an example TAAR format). (T-3)
- 2.5.1.12. Ensure all group/unit tacticians complete AFSOC TMT within 120 days of being assigned to a tactics office (N/A for USAFWS graduates). TMT will be instructed by a weapons officer, Chief of Group Tactics, or a Group Commander's designated alternate using the approved TMT courseware located on ATIMS <https://eis.afsoc.af.mil/sites/afsoawc/A9/A9T/ATIMS/default.aspx>. (T-3)
- 2.5.1.13. Appoint group tacticians using the appointment letter template in **Attachment 3**. (T-3)
- 2.5.1.14. The chief of Group Weapons and Tactics will be a USAFWS graduate USAFWS graduate IAW AFI 11-415 *Weapons and Tactics Program*. (not applicable for AFSOC gained ANG or AFRC). (T-3)
- 2.5.1.15. Have an Electronic Warfare Officer (EWO), Combat Systems Officer (CSO), Electronic Combat Pilot/Officer (ECP/ECO) or an Electronic Counter Measures Officer/Technician (ECMO/T) assigned (N/A for AFSPC). EWOs/CSOs/ECPs/ECOs will be graduates of the USAF Electronic Warfare School, aircraft-specific Fighter Electronic Combat Officers Course, Mobility Electronic Combat Officers Course or Introduction to Electronic Warfare. Wings or squadrons without these qualified personnel will designate the most qualified individual to perform Electronic Warfare/Combat responsibilities within the weapons shop IAW AFI 11-415 *Weapons and Tactics Program*. (T-2)
- 2.5.1.16. Ensure office manning meets or exceed the minimum quotas outlined in **Table 2.2** for all group-assigned MDS/Air Force Specialty Code (AFSC). All group tacticians will be instructors, should have a Top Secret clearance, and will maintain Mission Ready/Combat Mission Ready (MR/CMR) status. This will afford access to operationally-relevant material at elevated classification levels and to ensure the tactical expertise required for tactics development and instruction. (T-2)

Table 2.2. Group Weapons and Tactics Manning Requirements.

MDS	Desired	Minimum	Notes
AC-130	1 x USAFWS graduate (CSO or Pilot) 1 x instructor (CSO or Pilot) 1 x instructor Special Mission Aviator (SMA) 1 x instructor sensor operator	1 x instructor (CSO or Pilot) 1 x instructor SMA or instructor sensor operator	1, 2
CV-22	1 x instructor pilot, 1 x SMA	1 x instructor pilot	
EC-130	1 x instructor pilot 1 x instructor weapon systems officer (WSO) 1 x JAI-qualified instructor loadmaster 2 x electronic communications systems operators (to include at least 1 x instructor), both with information operations experience	1 x instructor pilot 1 x instructor WSO 1 x JAI-qualified loadmaster 1 x instructor ECS with information operations experience	2
MC-130	1 x USAFWS graduate (CSO or Pilot) 1 x instructor (CSO or Pilot) 1 x JAI-qualified instructor loadmaster	1 x instructor (CSO or Pilot) 1 x JAI-qualified instructor loadmaster	1
PC-12 C-145A C-146A	1 x instructor pilot 1 x instructor loadmaster	1 x instructor pilot	2
MQ-1B MQ-9	1 x instructor pilot 1 x instructor sensor operator	1 x instructor pilot	2
U-28	1 x USAFWS graduate (CSO or Pilot) 1 x instructor (Pilot or CSO)	1 x instructor (Pilot or CSO)	1, 2
Special Tactics	1 x STO or CRO 1 x CCT 1 x PJ 1 x SOWT 1 x TACP	1 x STO or CRO 1 x JTAC-qualified 1C2 or 1C4 1 x PJ 1 x SOWT	
Space	1 x USAFWS	1 x space officer	
DSO/TSO	1 x instructor direct support operator 1 x tactical system operator	Not required	

Notes:

1. CSO refers to a CSO, Navigator, or EWO.
2. ANG/AFRC group tactician slots may be filled by either traditional or full-time Guardsmen/Reservists or appropriate numbers of traditional Guardsmen/Reservists to meet the full time equivalent and will be assigned to the tactics office as their primary duty position.

2.5.2. Group Tactical Preparation for Combat Operations.

2.5.2.1. Liaise with intelligence, plans, and wing/group leadership to ensure all squadron weapons and tactics offices are training units for potential real-world missions, and ensure intended tactics are current and relevant (T-2).

2.5.3. Group Tactics Development and Improvement Program.

2.5.3.1. Conduct TRB IAW **Paragraph 4.11** of this instruction and staff TIPs for action to the AFSOC TRB. (T-2)

2.5.3.2. Participate in the annual AFSOC TRB. (T-2)

2.5.3.3. Staff, submit, and monitor TIPs using the AFSOC TIP Database located on the secure ATIMs website <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. TIPs will be completed IAW **Chapter 4** of this instruction and AFI 11-260, *Tactics Development Program*. Group Weapons and Tactics has two weeks after a TIP has been input to concur, non-concur, or concur with intent. (T-2)

2.5.3.4. Monitor and review unit submitted AAR and TAAR for any exercise or unit deployment. TAARs will be completed IAW **Chapter 4** of this publication within one month of returning from the exercise or deployment. TAARs will be input into Joint Lessons Learned Information System (JLLIS) at <http://www.jllis.smil.mil/ussocom>) no later than 30 days after completion of the event. (T-3)

2.5.3.5. Provide subject matter experts to support applicable AFTTP 3-1/3-3 rewrite conferences. Participate in AFSOC-sponsored tactics conferences. (T-2)

2.5.3.6. Conduct and manage the EWIR program IAW AFI 10-703, as supplemented. (T-2)

2.5.4. Group Tactics Training and Assessment

2.5.4.1. Observe one Combat Mission Sortie (CMS) for each squadron annually. This will be conducted as part of the TIFP (**Paragraph 5.8**) and is intended to increase crosstell and tactical discussion. It will not be combined with no-notice checkrides or other unit evaluations. The group tactician will complete a TAAR IAW **Chapter 4** to capture noteworthy practices and lessons learned. (T-3)

2.5.4.2. Promote cross-tell by distributing pertinent information, articles, newsletters, white papers, and feedback between operational units. (T-3)

2.6. Squadron Weapons and Tactics Responsibilities: The squadron weapons and tactics office is responsible for executing the squadron's weapons and tactics program. These responsibilities include administration, tactical preparation for combat operations, leading the Tactics Development and Improvement Program, and overseeing tactical training and assessment. The squadron weapons and tactics office will comply with the following:

2.6.1. Squadron Weapons and Tactics Program Administration.

2.6.1.1. Conduct office self-inspections semiannually through MICT at <https://mict.us.af.mil/> and will ensure a group SAV is conducted annually. (T-3)

2.6.1.2. Squadron loadmaster tacticians from units with an airdrop mission will attend the airdrop symposiums convened by group loadmaster tacticians. If the loadmaster

tactician is unable to attend, squadrons will send an alternate. Support these symposiums by providing updates on airdrop operations (to include incidents/malfunctions) during recent contingency, exercise, or training missions and recommending possible changes to procedures, rigging, TTP, etc., as applicable. (T-3)

2.6.1.3. Identify and analyze airdrop incidents, malfunctions, and material deficiencies; provide input to establish corrective procedures & will notify group weapons and tactics of any airdrop incidents or malfunctions IAW AFI 13-210, AFI 13-217, and local guidance. This will occur for any airdrop incidents or malfunctions no later than the next duty day after the airdrop incident occurs for local missions or within five days for off station incidents. Squadron tactics offices will support the group ADRP for any airdrop incidents or malfunctions. (T-2)

2.6.1.4. Submit requests for rigging and airdrop of nonstandard loads and nonstandard rigging of standard loads. (T-3)

2.6.1.5. Identify DZ, LZ, HLZ, and gunnery ranges that require surveys/updates. (T-3)

2.6.1.6. Research approved FARP sites against requirements or request new site surveys. (T-3)

2.6.1.7. Serve as the OPR for training, contingency, and deployment munitions requirements (quantity and type). (T-3)

2.6.1.8. Conduct and support the EWIR program IAW AFI 10-703. (T-3)

2.6.1.9. Ensure all squadron members either have access to the AFSOC Weapons and Tactics Library or a local unit Weapons and Tactics Library. The classified AFSOC Weapons and Tactics library will be maintained at <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims> and <https://eis.afsoc.af.mil/default.aspx> for unclassified documents. For unclassified documents the library will also be maintained using the AFSOC Electronic Flight Bag. Instructions for syncing the Electronic Flight Bag to the AFSOC weapons and tactics library can be found at <https://www.sofapps.com/chub/units/afsoc/sub-units/afsoawc/sub-units/AFSOC%20Weapons%20and%20Tactics>. (T-2)

2.6.1.10. Ensure all unit tacticians complete AFSOC TMT within 120 days of being assigned to a tactics office (N/A to USAFWS graduates). TMT should be instructed by a weapons officer or the Chief of Group Tactics using the approved TMT courseware located on ATIMS <https://eis.afsoc.af.mil/sites/afsoawc/A9/A9T/ATIMS/default.aspx>. (T-3)

2.6.1.11. Appoint tacticians using the appointment letter template in **Attachment 3**.

2.6.1.12. The Chief of Squadron Weapons and Tactics will be a USAFWS graduate (not applicable for squadrons with a MDS that does not have a weapons instructor course). (T-2)

2.6.1.13. Have an Electronic Warfare Officer (EWO), Combat Systems Officer (CSO), Electronic Combat Pilot/Officer (ECP/ECO) or an Electronic Counter Measures Officer/Technician (ECMO/T) assigned (N/A for AFSPC). EWOs/CSOs/ECPs/ECOs will be graduates of the USAF Electronic Warfare School, aircraft-specific Fighter Electronic Combat Officers Course, Mobility Electronic Combat Officers Course or

Introduction to Electronic Warfare. Wings or squadrons without these qualified personnel will designate the most qualified individual to perform Electronic Warfare/Combat responsibilities within the weapons shop IAW AFI 11-415 *Weapons and Tactics Program*. (T-2)

2.6.1.14. At a minimum, the tactics office manning will meet or exceed the minimum quotas outlined in **Table 2.3**. The squadron tacticians will maintain Mission Ready/Combat Mission Ready (MR/CMR) status and should have a Top Secret clearance. This will afford access to operationally-relevant material at elevated classification levels and to ensure the tactical expertise required for tactical development and instruction. (T-2)

2.6.1.14.1. For AD/AFRC or AD/ANG Total Force Integrated (TFI) squadrons, joint squadron tactics shops are acceptable provided all AFRC/ANG contributions are based on full-time equivalent manning (3 AFRC/ANG = 1 full time equivalent). See **Table 2.3**. (T-2)

2.6.1.14.2. Formal Training Unit (FTU) squadrons operating multiple MDS may be manned at less than the minimum level per weapons system as outlined in **Table 2.3**, provided the tactics shop maintains a list of subject matter experts for each weapons system, and those experts are available to provide support to the tactics office. (T-2)

Table 2.3. Squadron Weapons and Tactics Manning Requirements.

MDS	Desired	Minimum	Notes
AC-130U	2 x instructor pilots (1 x USAFWS graduate) 1 x instructor CSO (1 x USAFWS graduate) 1 x instructor EWO (1 x USAFWS graduate) 1 x instructor sensor operator 1 x instructor SMA	1 x USAFWS graduate 1 x instructor sensor operator 1 x instructor SMA	1
AC-130W	2 x instructor pilot (1 x USAFWS graduate) 2 x instructor CSO (1 x USAFWS graduate) 1 x instructor SMA	1 x USAFWS graduate 1 x instructor pilot 1 x instructor CSO 1 x instructor SMA	1
CV-22	1 x instructor pilot 1 x instructor flight engineer	1 x instructor pilot 1 x instructor flight engineer	
EC-130J	1 x instructor pilot 1 x instructor weapon systems officer 1 x JAI-qualified instructor loadmaster 2 x electronic communications systems operators (to include at least 1 x instructor), both with information operations experience	1 x pilot 1 x WSO 1 x JAI-qualified LM 1 x instructor ECS with info ops specialist experience	2, 3

MC-130H MC-130P MC-130J	1 x USAFWS graduate (CSO or Pilot) 1 x instructor pilot 1 x instructor CSO 1 x JAI-qualified instructor loadmaster	1 x USAFWS graduate (CSO or Pilot) 1 x loadmaster	1
PC-12 C-145A C-146A	1 x instructor pilot 1 x instructor loadmaster	1 x instructor pilot	2
MQ-1B MQ-9	1 x USAFWS graduate 1 x instructor sensor operator	1 x USAFWS graduate 1 x instructor sensor operator	2
Special Tactics	1 x officer (CRO or STO) 1 x enlisted USAFWS graduate 1 x evaluator CCT 1 x evaluator PJ	1 x officer (CRO or STO) 1 x JTAC-C qualified (1C2 or 1C4) 1 x instructor PJ	4
U-28A	1 x instructor pilot (1 x USAFWS graduate) 1 x instructor CSO (1 x USAFWS graduate)	1 x USAFWS graduate 1 x instructor (CSO or Pilot)	1

Notes:

1. CSO refers to a CSO, Navigator, or EWO.
2. ANG/AFRC squadron tactician slots may be filled by either traditional or full-time Guardsmen/ Reservists or appropriate numbers of traditional Guardsmen/Reservists to meet the full time equivalent and will be assigned to the Tactics office as their primary duty position.
3. EC-130 squadron tacticians may be assigned to tactics as a collateral duty at the squadron commander's discretion.
4. PJ requirement N/A for 21 STS and 22 STS

2.6.2. Squadron responsibilities for tactical preparation for combat operations.

2.6.2.1. Review squadron DOC Statement and METLs annually to ensure that tactics and tactical employment capabilities support mission requirements. Recommend document revisions to unit leadership when applicable. (T-3)

2.6.2.2. Be familiar with all known unit employment taskings (i.e., specified in standing OPLANs or CONPLANs) to ensure unit crew members are prepared to meet such requirements.. (T-2)

2.6.2.3. Provide direction to squadron training using CMT and CMSs to ensure the unit is training for potential real-world missions, and ensure intended tactics are current and relevant. (T-2)

2.6.3. Squadron Tactics Development and Improvement Program.

2.6.3.1. Assess squadron tactics, tactical employment, and capabilities, ensuring they are current, valid, and sufficient. (T-3)

2.6.3.2. Conduct squadron TRB IAW **Chapter 4** of this instruction and staff TIPs for action. (T-3)

2.6.3.3. Participate in the annual AFSOC TRB. (T-2)

2.6.3.4. Host annual TWGs. Disseminate information. Provide results to wing/group. (T-3)

2.6.3.5. Staff, submit, and monitor TIPs using the AFSOC TIP Database located on the secure ATIMs website <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. TIPs will be completed IAW **Chapter 4** of this instruction and AFI 11-260. (T-2)

2.6.3.6. Submit and monitor TAAR for any exercise, Joint Combined Exchange Training (JCET), or unit deployment. TAARs will be submitted IAW **Chapter 4** of this publication. TAARs will be submitted to group within 14 days of returning from the exercise or deployment. (T-2)

2.6.3.7. Provide subject matter experts to support applicable AFTTP 3-1/3-3 rewrite conferences. Participate in AFSOC-sponsored tactics conferences. (T-2)

2.6.3.8. Conduct and manage the EWIR program IAW AFI 10-703, as supplemented. (T-2)

2.6.3.9. Identify and define training and support equipment deficiencies to support electronic combat and tactical employment. Deficiency reports must be submitted through maintenance Quality Assurance. (T-3)

2.6.3.10. Submit AF Form 1067s to AFSOC/A3TW AFSOC.A3TW@us.af.mil. AFSOC/A3TW will sponsor the modification with the WSIPT and forward to HQ AFSOC/A4MX. (T-2)

2.6.4. Squadron Tactics Training and Assessment

2.6.4.1. Coordinate with the training office to schedule and provide CMT on relevant tactics topics such as review of unit employment plans. This training will be focused on current tactics and emerging threats. See **Paragraph 5.3** for more details. (T-3)

2.6.4.2. Instruct MDS-relevant threat counter tactics/countermeasures procedures to all aircrew members. Provide system recognition and counter tactics training for all relevant threats using all means available including weapon system training devices, and HQ AFSOC-approved training software (e.g. Threat Signal Recognition Training System (TSRTS), Global Air Tactics Employment Review (GATER) II/III and/or Real World Air Combat Environment (RW ACE), ARMS Task ID: (G073) (N/A for units with aircraft without defensive systems installed). (T-2)

2.6.4.3. Coordinate with the training office, plans, aircrew, operations officer, and unit commander to schedule quarterly Verification Planning Exercises (VPE) and a Verification Review Boards (VRBs) at the conclusion of any VPEs. See **Paragraph 5.6** for more details. (T3)

2.6.4.4. Coordinate with the training office, commander, and aviation resource management (ARMS) to provider CMS scenario/requirements and ensure appropriate training is conducted. See **Paragraph 5.7** for more details. (T-3)

2.6.4.5. Ensure unit aircrew members accomplish a combat mission sortie and that it simulates all requirements associated with planning, flying, and debriefing. Either a tactician or qualified instructor should observe CMS execution. (T-3)

2.6.4.6. Develop and implement testing procedures for tactical employment open book exams. All aircrew members will satisfactorily complete a 40 question test at least once every 17 months (ARMS Task ID: G063). Tactical employment/threat open book exams may be aligned with an aircrew members' periodic flight evaluation. Test questions will be taken from the secure question bank and be relevant to the member's crew position. Testing forms will be maintained for 17 months following test administration. (T-3)

2.6.4.7. Munitions Delivery Review Board. Provide support to group tactics and ensure the proper forms/statements are filled out IAW AFI 11-202, Vol 3 AFSOC SUP. (T-2)

2.7. HQ AFSOC/A1.

2.7.1. AFSOC/A3 is responsible for management of weapons officer and will approve placement of any AFSOC weapons officers to ensure payback on investment per AFI 11-415. HQ AFSOC/A1A will manage United States Air Force Weapons School (USAFWS) graduate outplacement in coordination with HQ AFSOC/A3TW and IAW AFI 11-415. (T-1)

2.7.2. HQ AFSOC will provide nominees and coordinate with HQ ACC for the positions of commander and operations officer for the 14 WPS. (T-2)

2.7.3. Support the annual tactics conference/TRB with representatives appropriate to topics scheduled for discussion. (T-2)

2.8. HQ AFSOC/A2.

2.8.1. Support the annual tactics conference/TRB with representatives appropriate to topics scheduled for discussion. (T-2)

2.8.2. Appoint the intelligence co-chair for the SOFTAT. (T-2)

2.8.3. Provide information on worldwide TATs and coordinate for HQ AFSOC attendance/feedback. (T-2)

2.8.4. Provide intelligence, analysis, and attendance in support of HQ AFSOC-owned AFTTP volume rewrite conferences, as announced. (T-2)

2.8.5. Disseminate enemy tactics information to AFSAWC/TD, HQ AFSOC/A3TW, and subordinate units through appropriate intelligence channels to include inputs to the AFTTP 3-1 series. (T-2)

2.9. HQ AFSOC/A4.

2.9.1. Support the annual tactics conference/TRB with representatives appropriate to topics scheduled for discussion. (T-2)

2.9.2. Coordinate with HQ AFSOC/A3TW on Deficiency Reports that may affect tactical employment. (T-2)

2.9.3. Coordinate with HQ AFSOC/A3TW on AF Forms 1067, *Modification Proposal*, that may affect tactical employment. (T-2)

2.10. HQ AFSOC/A5/8.

2.10.1. Support the annual tactics conference/TRB with representatives appropriate to topics scheduled for discussion. (T-2)

2.10.2. Provide program status briefings to support tactical employment decisions. (T-2)

Chapter 3

COMBAT OPERATIONS PLANNING

3.1. General. The goal of the tactics program is to support unit commanders in their responsibility to provide combat-ready aircrews and tactical ground personnel to the combatant commander. The weapons and tactics office is responsible for understanding combat taskings, planning for, and ensuring units are training to employ the most up to date tactics in order to successfully employ AFSOC weapons systems during future operations.

3.2. Capabilities/Mission Assessment. Tacticians must ensure unit tactical employment capabilities meet unit mission requirements. The unit tactician can use combat and contingencies, VPEs, CMPs, Joint Readiness Exercises, flag exercises, and other joint exercises to evaluate and validate unit tactics, equipment, and training. If deficiencies are identified they should be forwarded up the chain of command using a TIP, TAAR, or other appropriate method/process. Processes described in the following paragraphs help to satisfy this requirement. (T-3)

3.3. Designed Operational Capabilities (DOC) Statements and Mission Essential Task Listings (METL). Tacticians at all organizational levels must monitor their tactical environments and operational requirements to ensure DOC Statements/METLs correctly express capabilities, or offer resolutions to disconnects between requirements and capabilities. As a minimum, review the unit's DOC Statement/METL upon assuming duty as a unit tactician and once annually by contacting HQ AFSOC/A3TO. Although HQ AFSOC/A3TW is responsible for coordinating and managing the tactics/tactical employment portions of these processes, subordinate units must provide their insight to effectively influence DOC Statements/METLs. Units should submit proposed changes to DOC Statements and/or METLs through operational command channels. (T-2)

Chapter 4

TACTICS DEVELOPMENT AND IMPROVEMENT PROGRAM (TDIP)

4.1. General. AFSOC's TDIP develops, documents, and disseminates tactics to sharpen AFSOC's combat capability. TDIP provides multiple means to improve command tactics: Test Requests, Immediate War Requirements, Aircraft Modification Requests, Urgent Operational Need, Combat Mission Need Statements, & High Cost Capability Development, change of flight manual, TAAR, TIP, and the TRB. (T-2)

4.2. Test Request. (AFSOAWC/TD) Use AFSOC Form 93, *Test Request*, to request a test. The AFSOC Form 93 identifies information needed to validate and plan an Operational Test and Evaluation (OT&E). OT&Es are an integral part of a system's life cycle to ensure the Air Force acquires and maintains operationally effective and suitable systems that meet user requirements. A Force Development Evaluation (FDE) is a subset of OT&E that is focused on the MAJCOM's requirements after initial acquisition process and testing. A Tactics Development and Evaluation (TD&E) is a subset of FDE specifically designed to further exploit system capabilities and tactics during the sustainment portion of the system's life cycle. It includes research, demonstration, exercise, analysis, and evaluation of specific employment tactics. Use AFSOC HOI 71-5, *Test and Evaluation*, to complete the form. Submit completed AFSOC Forms 93 to AFSOAWC/TD. (T2)

4.3. Quick Look Project/Immediate War Requirement. (AFSOAWC/A3TW) Quick Look Projects and Immediate War Requirements are processes for HQ AFSOC/A3 to request and receive immediate test support for requirements or deficiencies that could result in injury, damage or loss of AFSOC personnel or resources. Refer to AFSOC HOI 71-5 for guidance. (T2)

4.4. Aircraft Modification Requests. (HQ AFSOC/A4MX) Use AF Form 1067, *Modification Proposal*, to request a modification to an AFSOC aircraft. The AF Form 1067 must be used to document all modifications that change the form, fit, function, or interface per AFI 63-131, *Modification Management* of a configured item (aircraft) as determined by the responsible System Program Director (SPD). Modification proposals require specific funding and approval procedures based on dollar cost. AFI 10-601, *Operational Capabilities Requirements Development*, AFSOCI 10-601, *AFSOC Operational Capability Requirements Development and Service Requirements Process*, AFI 63-131, *Modification Management* and AFSOCI 63-1101, *AFSOC Modification Management*, outline the dollar limits and procedures for submitting the AF Form 1067. Tactics offices will submit AF Form 1067s to AFSOC/A3TW who will sponsor the modification with the WSIPT and forward to HQ AFSOC/A4MX. The Weapons System Integrated Product Team (WSIPT) leader recommends to the AFSOC Configuration Review Board (CRB) either the proposal be validated as a command requirement or disapproved. CRB validated modification proposals are forwarded to the respective aircraft SPD for engineering evaluation and Single Manager (SM) CCB approval. SM/CCB approval is required prior to all configuration changes. (T-2)

4.5. Urgent Operational Need (UON) for Air Force capabilities, and Combat Mission Need Statements (CMNS) for SOF capabilities. (HQ AFSOC/A5KR) Capability documents are a basis for material solutions and seek to establish a new operational capability, exploit an

opportunity to reduce costs, or enhance mission performance. AFSOC organizations shall first try to satisfy mission needs through non-material solutions, such as changes in doctrine, TTP, or training. AFSOC Directors sponsor new proposals for an ICD. AFSOCI 10-601 and AFI 10601 describe the processes. Coordinate with HQ AFSOC/A5KR for format, content, and procedure. (T-2)

4.6. High-Cost Capabilities Development. Issues that involve significant commitment of command resources will require development of capability documents as described in AFI 10601 and/or USSOCOM D 71-4. What constitutes a significant commitment of command resources will be determined by the AFSOC Corporate Structure. (T-2)

4.7. USAF Deficiency Reporting, Investigation, and Resolution. (HQ AFSOC/A4M) Request for software changes and occurrences of equipment failing to operate to specifications should be submitted using the USAF DR using the Deficiency Reporting Entry and Mail System (DREAMS) or via INFOCEN/JDRS. HQ AFSOC/A4M is responsible for these reports and Maintenance Quality Assurance is responsible for the process. When a software deficiency affects tactics or tactical employment capability, tacticians should submit an Operational Change Request (OCR) with the USAF DR using the DREAMS format and coordinate with maintenance Quality Assurance. Tacticians should follow the progress of the DR to resolve the deficiency. T.O. 00-35D-54, *USAF Deficiency Reporting, Investigation, and Resolution*. (T-2)

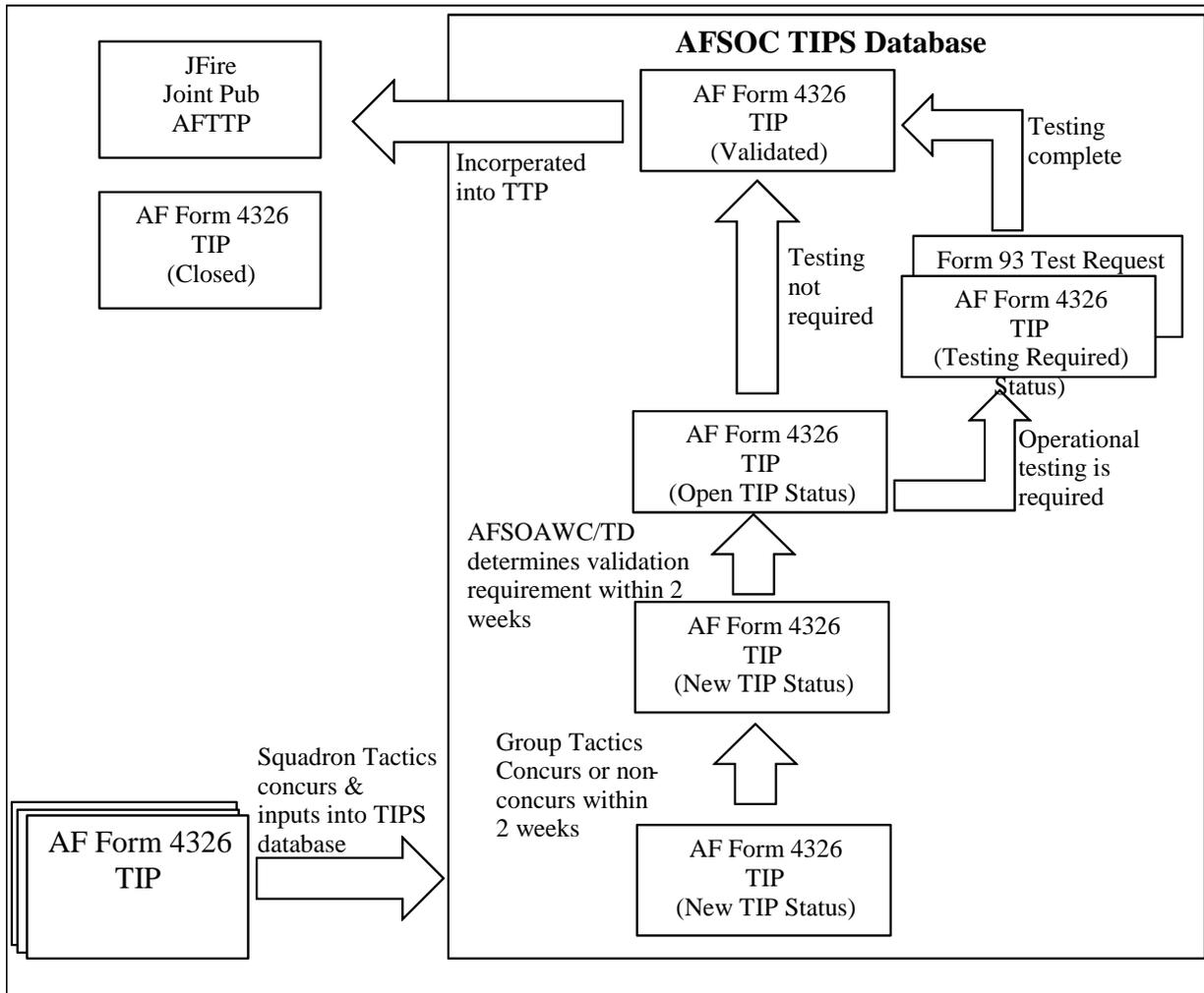
4.8. Change of Flight Manual. (HQ AFSOC/A3V) Use AF Form 847, *Recommendation for Change of Publication*, when requesting a change to a flight manual. Submit and process all request for changes to flight manuals electronically on an AF Form 847 through MAJCOM channels IAW AFI 11-215, *Flight Manuals Program*, to HQ AFSOC/A3V. (T-2)

4.9. Tactics Improvement Proposal (AF IMT 4326). Use AF Form 4326 IAW AFI 11-260, *Tactics Development Program*, to address a tactical deficiency or to address new or previously undocumented tactics found to be effective. See **Figure 4.1** for process. (T-2)

4.9.1. If the TIP is of immediate concern and will affect current operations or testing, the TIP should follow the established routing but at an accelerated pace. This accelerated routing will be dictated by the circumstances requiring tactics development, but each level of authority should be notified concurrent with headquarters routing. (T-2)

4.9.2. TIPs should be staffed using the AFSOC TIPs Workflow located on the secure ATIMs site <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims>. To ensure rapid response to tactical requirements, once a TIP is submitted, group weapons and tactics will have two weeks from date of submission to concur or non-concur using the TIPs workflow and AFSAWC/TD will have four weeks to concur or non-concur with a TIP. It is highly encouraged that TIPs are submitted throughout the year as required, not just in preparation for the TRB. (T-2)

4.9.3. TIPs submitted by ANG/AFRC units should, after group level approval, be submitted to appropriate ANG/AFRC tactics agencies concurrently with AFSAWC/TD. (T-2)

Figure 4.1. AFSOC Tactics Improvement Proposal Process.**4.10. Tactics After Action Reports (TAAR).**

4.10.1. The TAAR supports the warfighter by providing timely, tactically-significant information to the AFSOC tactics database for command-wide dissemination. TAARs are used to share significant tactics/lessons learned for cross-tell purposes. A TAAR highlights something of tactical significance that should be elevated through coordination to AFSOAWC/TD for either wider dissemination and/or consideration for inclusion into next MDS TTP rewrite. The TAAR will also be added to the Lessons Learned database to improve cross tell and ensure the widest dissemination. TAARs should provide sufficient background to “stand alone” without need to contact originator for additional information. TAARs will be submitted within 14 days of completing any exercise, JCET, or unit deployment. (T-2)

4.10.2. Once group weapons and tactics approves any TAAR they will be input into JLLIS at <http://www.jllis.smil.mil/ussocom>. This will allow cross tell between units and allow AFSOAWC/TD to address command tactical issues. JLLIS provides action items for the HQ AFSOC & AFSOAWC/TD staff to address. Each month, representatives from every headquarters directorate convene a LLWG. The LLWG reviews, prioritizes, and assigns

OPRs to action each lesson learned. Unit tacticians will work closely with unit leadership, AFSAWC/TD, and the USSOCOM L2 personnel at their group to staff submissions that warrant MAJCOM-level attention and prompt action, especially those with command-wide impact. (T-2)

4.10.3. Some TAARs may require immediate AFSOC attention. These TAARs should be identified with *///IMMEDIATE///* at the top of the TAAR submission (marked “I-TAAR”) and dual submitted to the group and input directly into the Lessons Learned database for AFSAWC/TD action. They are used to rapidly disseminate tactically significant information to the warfighter and report significant tactics information that is of immediate concern (SAFIRES, errors in TTPs, etc). A TAAR of this nature can be submitted from any organizational level. AFSAWC/TD will review all TAARs submitted via the lessons learned database and recommend the appropriate action to AFSOC/A3. (T-2)

4.10.3.1. An I-TAAR does not replace or alter established post-mission reports or procedures. An I-TAAR may provide amplifying information on an event identified in a post mission report, which can itself be used as a supporting document for the I-TAAR. An I-TAAR is provided for information purposes only and does not authorize deviations from established TTP, flight manuals, or other published guidance. (T-2)

4.10.3.2. The mission commander, with the recommendation of deployed tacticians, determines whether or not an event meets the I-TAAR criteria and is responsible for reporting the information accordingly. Extensive review and coordination must be avoided to prevent the delay of disseminating critical employment information. (T-2)

4.10.3.3. Due to the time-sensitive nature of the I-TAAR, this report is less formal than the TAAR and should answer basic questions IAW the format provided in **Table 4.1**. I-TAARs are posted on the AFSOC Tactics Information Management System website. (T-2)

Table 4.1. TAAR Format.

<p>(CLASSIFICATION)</p> <p>TACTICS AFTER ACTION REPORT</p> <ol style="list-style-type: none"> 1. LESSONS LEARNED ID AND DATABASE SEQUENCE NUMBER: (assigned by HQ AFSOC) 2. ORIGINATOR: POC Name / Rank / Unit / Contact Info (commercial, DSN, and e-mail address): 3. EVENT NAME: (Classification) Operation/Exercise/Experiment Name <i>{i.e. OEF, OIF, JCET XXXX, JCS Exercise, Multilateral Exercise, Bilateral Exercise, TAAR, etc.}</i> 4. TITLE: (Classification) If an Issue or Observation, start the title with “Issue” or “Observation.” Mark Classification IAW DoD 5200.1-R. 5. OBSERVATION: (Classification) Define the (potential) problem. 6. DISCUSSION: (Classification) Provide the, who, what, where, when, why, and how. 7. LESSON LEARNED: (Classification) Describe a better process, a work-around, a new solution if any. 8. RECOMMENDATION: (Classification) What is the proposed solution(s) if appropriate. 9. COMMENT: (Classification) Any additional comments that may further define the LL and recommendation. <p>(CLASSIFICATION)</p>
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4.11. Tactics Review Board (TRB). AFSOF, to include associated/gained ANG/AFRC units, will use the guidelines contained in AFI 11-260 to conduct TRBs. (T-2)

4.11.1. Squadron weapons and tactics offices will convene a TRB NLT 30 days prior to their respective group weapons and tactics TRB each year. Forward results to the operations group weapons and tactics office within 20 calendar days. (T-3)

4.11.2. Group weapons and tactics offices will convene a TRB IAW AFI 11-260 NLT 30 days prior to the MAJCOM level TRB each year. Forward results to AFSOAWC/TD within 20 calendar days. (T-2)

Chapter 5

TACTICS TRAINING

5.1. General. Squadron tacticians are responsible for ensuring all aircrew members possess strong tactical knowledge to effectively employ their MDS. Additionally, they are responsible for planning and coordinating tactical employment training for aircrew members. Currency requirements for Threat System Recognition Training, CMT, VPE, and CMS are the primary methods of receiving combat training defined in AFI 11-2MDS Volume 1, and are intended to provide the knowledge required for aircrews to prepare for and execute their unit's missions.

5.2. Threat System Recognition Training. Conduct IAW AFI 11-2MDS Volume 1. Review relevant threat systems using any means available including weapon system training devices, and HQ AFSOC-approved training software (e.g. Threat Signal Recognition Training System, Global Air Tactics Employment Review II/III and/or Real World Air Combat Environment (N/A for units with aircraft without defensive systems). (T-2)

5.3. Combat Mission Training (CMT). CMT programs require the active involvement and support of unit commanders, operations officers, tactics officers, intelligence officers, and all aircrew members. CMT is required for all members as initial and recurring training and the weapons and tactics office is responsible for coordinating with the unit training office to schedule CMT times. Each unit weapons and tactics office is responsible for developing CMT courseware specific to their MDS. CMT should be focused on tactics required for expected threats & unit taskings. At a minimum, unit tactics offices will conduct an annual review of CMT courseware to determine training requirements based on unit taskings, areas of operation, and projected threats. (**Note:** For 6 SOS/711 SOS, both initial and recurring CMT specific to Combat Aviation Advisory is conducted via the supervised predeployment program.) (T-2)

5.3.1. Initial CMT is an academic training requirement and provides crew members with the academic knowledge required to plan and execute missions in various hostile environments. This training provides the groundwork for conducting the follow-on VPEs and CMSs. Initial CMT may be accomplished at the formal school in conjunction with a mission qualification course or as part of a local mission qualification course. As a minimum, initial CMT will cover the required topics defined in [Table 5.1](#) and is documented in the Aviation Resource Management System (ARMS). (T-2)

5.3.2. Recurring CMT must contain unit mission, Area of Operations (AO) and theater-specific threat information, command and control structures, general threats and weapon system-specific counter tactics/evasive maneuvers. USAFWS graduates, unit intelligence, and tacticians will instruct CMT refresher. A CMT, CMS, and VPE can be logged by graduates upon completion of USAFWS. Initial CMT will cover the required topics defined in [Table 5.1](#) and is documented in the Aviation Resource Management System (ARMS). (T-3)

5.3.3. Aircrew Intelligence Training. Unit tacticians will coordinate for intelligence personnel to support initial CMT and CMT refresher for aircrew members in threats, intelligence-related areas, and country study briefings. (T-2)

5.3.3.1. Intelligence personnel assigned to the 6 SOS/711 SOS will provide threat, intelligence, and country study briefings to all teams deploying. Intelligence briefings

include, but are not limited to, host nation AOB, EOB, GOB, NOB, tactical threats, force protection issues, and cultural information. These briefings meet the criteria for the annual intelligence briefing and are tailored to individual operations and geographic areas.

Table 5.1. Combat Mission Training Required Topics.

Required Topics	Suggested Topics
Command and Control (C2) structure	Combined Forces Air Component Commander (CFACC)
	Joint Forces Air Component Commander (JFACC)
	Joint Special Operations Task Force (JSOTF)
	Air Force Special Operations Base (AFSOB)
	Theater Air Control System (TACS)
	AOC, SOLE, JSOAC
	Army Air-Ground System (AAGS)
	COAL WARFIGHTER (CW) Operational-Level Integration
Employment concepts and Orders of Battle (OB):	Electronic Order of Battle
	Ground Order of Battle
	Air Order of Battle
	Time Sensitive Targeting/Time Critical Targeting
	Integrated Air Defense System (IADS)
	EW/Information Operations (IO)
Manuals and Publications	AFI 10-703, AFSOC Sup to AFI 10-703 and AFTTP 3-1/3-3
	JP 3-05, <i>Special Operations</i> , JP 3-50, <i>Personnel Recovery</i>
	Air Force Doctrine (AFD), Vol 1-4, AFD Annex 3.05, <i>Special Operations</i> , AFD Annex 3-50, <i>Personnel Recovery</i>
	USSOCOM Pubs
Support	Airborne Warning and Control System (AWACS) / E-2
	RC-135 / EP-3 roles and capabilities
	EC-130H/J roles and capabilities
	Multi-Mode Advanced Tactical Terminal (MATT)/SOF Air Mission Suite – Enhanced Situational Awareness (SAMS-ESA)
	Joint Surveillance Target Attack Radar System (JSTARS)
	Joint tactical support requests
	Suppression of Enemy Air Defenses (SEAD)
	Escort/Rescort, A-10, F-15E, F-16, F-18, Rotary wing
	Reconnaissance, U-2, MC-12, MQ-1, MQ-9, SUAS
	Blue Force tracking capabilities

Required Topics	Suggested Topics
Weather, meteorological, and climatological factors	Effects on unit and enemy operations, ground troop movements, and in-flight operations
Intelligence	Importance of understanding enemy political beliefs, employment doctrine, and motivation
	Targeting cycle
	Threats and target information for planned route of flight
	Production requirement/request for information
	Escape and evasion plan
Space	Available space support packages such as Blue Force Tracking and GPS accuracy
ATO/ITO/ACO/SPINS	Safe passage, authentication, and operations codes for PR/CSAR
Communications	Use of secure and nonsecure radio communications Use of authentication matrix or alternate means Use of jam-resistant communications technology including Have Quick and Single Channel Ground and Airborne Radio System (SINCGARS), and data links
Countering Threats: Enemy/friendly weapons, emphasizing those most likely to be encountered Defensive maneuvers/ counter tactics IAW applicable AFTTP volumes	Employment doctrine, tactics, techniques and procedures
	Guidance systems
	Capabilities
	Planning considerations
	Electronic indications (if applicable)
	Visual Threat Recognition and Avoidance Trainer (VTRAT)
Route selection and navigation:	Chart interpretation/preparation/radar shadowing
	Threat avoidance/degradation/terrain masking
	Turn point selection
	Day/night/weather considerations
	Detection Avoidance Navigation/Threat Avoidance Navigation (DAN/TAN)
	Detection Free Altitude (DFA)
	Threat Penetration (TP) Altitude
	Time-over-Target (TOT)/Time-of-Arrival (TOA) control techniques (e.g., timing legs, extensions, orbits)
Low-level considerations:	Task and crew management
	Psychological and physiological factors
	Terrain Avoidance
Operation and employment applicable defensive	Infrared (IR) countermeasures and flares
	Electronic Attack (EA)

Required Topics	Suggested Topics
equipment:	Radar Warning Receivers (RWR)
	Emissions Control (EMCON)
	Aircraft structural and configuration limitations
	Briefings: Pre-mission planning, operations, crew
	Automated mission planning and rehearsal systems
	In-flight reports: Operations, mission, intelligence
	Judge Advocate (Law of Armed Conflict)

5.4. Quarterly Tactics Training. Squadron tacticians will provide, or coordinate with appropriate organizations to develop and support, quarterly tactics briefings on subjects important to the squadron's current mission and tactical employment. Following completion of this training, the instructor should administer a ten question tactics-related test to assess and strengthen the level of tactics knowledge among unit aircrew members. These tests may focus on the material presented during tactics lectures. Break-out tactics discussions by crew position are also encouraged. Units are required to maintain digital records of quarterly tactics training for one year after the training is completed. (T-3)

5.5. Tactical Employment/Threat Open Book Test. Squadron tactics offices are responsible for developing and implementing testing procedures for tactical employment open book exams. All aircrew members will satisfactorily complete a 40 question test at least once every 17 months (ARMS Task ID: G063). Tactical employment/threat open book exams may be aligned with an aircrew members' periodic flight evaluation. Test questions will be taken from the secure question bank and be relevant to the member's crew position. Minimum passing score is 85 percent. (T-3)

5.5.1. Test Failure and Re-examination. If a crew member fails the test, notify the crew member's operations officer who will direct additional training prior to a retest. All retests will be accomplished no sooner than 24 hours (ARC less than 24hrs if waived by the OG/CC) after the failed test to afford adequate time to review applicable publications and accomplish directed training; additional disciplinary action will be at the discretion of the flying squadron operations officer/commander. The aircrew member will be re-evaluated using an alternate exam which will include no more than 70 percent of the questions included in the initial test. Test scores sheets will be maintained for 17 months after completion of the test. (T-3)

5.5.2. Secure Question Banks (SQB). Individual tests are to be relevant to the member's crew position; thus, question banks must be expansive enough to support primary and alternate test versions for each crew position of a given MDS. Derive questions from the following publications: AFTTP 3-1.*General Planning and Employment Considerations*, AFTTP 3-1.*Threat Guide*, the respective AFTTP 3-1(MDS) volume, pertinent defensive system handbooks, squadron CONOPS (if any), and classified aircraft technical orders (if applicable). A common SQB may be used by all units that share a given AFTTP publication, provided the question bank is reviewed at least annually. Do not distribute the SQB to unit aircrews and safeguard it in the same manner as any other required, controlled examination. (T-3)

5.5.3. Change a minimum of 30 percent of the questions on examinations each calendar year. Once removed from the SQB, previous questions may be reused after a 1-year absence as long as they remain consistent with current publications/tactics. (T-3)

5.5.4. Examination Question Review. Squadron and group tacticians will review each SQB at least annually. Due to AFFTP rewrites, changes to CONOPS, and/or other significant operational changes, tactics tests may require out-of-cycle reviews. (T-3)

5.6. Verification Planning Exercises (VPE). VPEs will be conducted quarterly or IAW the most current MDS RTM, and provide the opportunity for aircrews to apply their combat knowledge and skills in a training environment. VPEs provide crews the opportunity to exercise local mission planning support processes such as intelligence, weather, rules of engagement, legal (judge advocate) mission considerations, and refresh crews with real-world mission planning procedures. VPEs should be conducted in conjunction with the unit initial assessment (IA) in support of their OPLAN/CONPLAN or rotational tasking. Participation in the planning and VRB briefing of an operational, contingency, or exercise mission may be substituted for a VPE. Unit commanders will determine which missions qualify to satisfy this requirement. (T-2)

5.6.1. For 6 SOS/711 SOS, the preparation for an OAD deployment meets the VPE requirements of this section.

5.6.2. Specific training events that must be accomplished by each MDS are contained within their respective AFI 11-2MDS, Volume 1. In the absence of specific Volume 1 guidance, see **Attachment 4**, Verification Planning Exercises Planning Elements, for essential elements for the accomplishment of VPEs. (T-2)

5.6.3. Verification Review Board (VRB). The VRB serves as a “dry run” briefing. The purpose of the board is to provide unit leadership with an opportunity to review the plan and make a determination of its current validity. The board should consist of the squadron commander, squadron operations officer, and chiefs of tactics and standardization/evaluation. Additional board members will be designated by the Sq/CC with inputs from the squadron tactics office. (T-3)

5.7. Combat Mission Sortie (CMS). The CMS program provides the Weapons and Tactics Chief, Training Chief, operations officer, and squadron commander a mean to focus unit tactical training on current enemy threats and tactical requirements. CMSs should provide aircrew the opportunity to practice/simulate all requirements associated with planning, flying, and debriefing a combat mission within a given theater’s AOR. Plan and execute the CMS in the same sequence, using the same planning and briefing formats as a combat or contingency mission. The squadron weapons and tactics office is responsible for coordinating with the unit training office, aviation resource management, operations officer, and squadron commander annually to identify requirements for logging CMS. At a minimum, unit tactics offices will conduct an annual review of CMS requirements to determine training requirements based on unit taskings. A unit tactician or instructor should be on board in order to log a CMS event and will debrief the tactical employment. (T-3)

5.7.1. Newly qualified crew members will acquire exposure to unit and theater-specific procedures and complete a CMS within 90 days of their first flight in their new unit and/or prior to deploying for real-world contingencies. (T-3)

5.7.1.1. 6 SOS/711 SOS will use their Integrated Skills Training (IST) to meet the preceding CMS requirement.

5.7.2. In addition to local flying training profiles, a CMS may be logged, at unit commander's discretion, following flying operations as part of a real-world mission, contingency operation, or any mission in an actual threat environment. Additionally, at unit commander's discretion, flying participation in courses and exercises that enhance learning, tactical employment, and joint or combined operations may credit a CMS. **Attachment 5** contains a CMS observation checklist that may be used as a starting point for unit tacticians to observe aircrew tactics, identify deficiencies, and initiate improvements. (T-3)

5.7.3. Group and squadron tacticians will fly with aircrews to assess the unit's skill in a tactical, unit-developed scenario. Any significant observations, trend items, or techniques that warrant squadron-level assessment will be brought to the attention of squadron and/or group tactics offices. (T-3)

5.8. AFSOC Tactics Intra-fly Program (TIFP). Provides the opportunity for tacticians to observe operations while on aircraft from other AFSOC units, to exchange information and ideas, view missions and mission requirements from a different perspective, and assess their own unit's capabilities and limitations based on their observations. In particular, tacticians will pursue opportunities to fly with other AFSOC units that have relationships of customer-provider and mission co-participant. Aircrew assigned to AFSAWC/TD may fly as a tactics observer on any AFSOC aircraft, primary assigned or other. Individuals participating in TIFP are responsible for providing the flying unit with all required flight eligibility documents IAW AFI 11-401, *Flight Management*, and will log "other" flight time. For all observation flights, use appropriate portions of the CMS Observation checklist provided in **Attachment 5**. (T-2)

5.8.1. 6 SOS/711 SOS aircrews are not included in this requirement, but are highly encouraged to participate.

5.9. Weapons and Tactics Library. AFSAWC/TD will maintain a classified and unclassified library containing the publications listed in **Table 5.2** and **Table 5.3**. Squadron Weapons and Tactics are responsible for either maintaining their own library with current publications or ensure all squadron members have access to the AFSOC Weapons and Tactics Library. For classified documents the library will be maintained at <https://afsofnet.afsoc.af.smil.mil/sites/afsoawc/a9/a9t/atims> and <https://eis.afsoc.af.mil/default.aspx> for unclassified documents. For unclassified documents the library will also be maintained using the AFSOC CHUB. Units may supplement these libraries as necessary with local publications. (T-2)

Table 5.2. Tactics Library Publications.

Required Documents/Access	Medium (minimum)
AFTTP 3-1.General Planning	Electronic
AFTTP 3-1.Threat Guide	Electronic
AFTTP 3-1.MDS / AFSOC Tactics Handbook	Electronic
AFTTP 3-3.MDS	Electronic
MTTP/ALSA (e.g. JFIRE, Berevity, etc.)	Electronic
Defensive System Handbooks for equipment installed	Electronic
Applicable MDS Security Classification Guides	Electronic
AFI 10-703	Electronic
AFI 11-415	Electronic
AFSOCI 11-207	Electronic
Applicable test reports	Electronic
Multi-Service Data Distribution System (MSDDS) account http://ngdds-master.eglin.af.smil.mil/default.asp	Log-ins for all tacticians
EW Toolbox account http://ewtoolbox.eglin.af.smil.mil/default.asp	Log-ins for all tacticians
Joint Lessons Learned Information System account http://www.jllis.smil.mil/ussocom	Log-ins for all tacticians
ATIMS (both NIPR and SIPR)	External user access, if required
561 JTS website (both NIPR and SIPR)	Electronic
Completed self-inspection checklists	Either printed <i>or</i> electronic
Recommended Documents	Medium (minimum)
Related AFTTP 3-1 and 3-3 volumes (e.g. A-10, F-16, F-15E volumes for AC-130 squadron; CV-22 for MC-130 squadron)	Electronic
USAFWS Weapons Review	Printed <i>or</i> Electronic (access electronic version/subscribe at http://www.nellis.af.smil.mil/units/usafws/weapons-review/default.aspx)
Collateral TAT Reports	Electronic
Note: ECSF Handbooks are not required for units without defensive systems.	

Table 5.3. Special Tactics Required Tactics Publications.

AFI 10-3501, <i>Air Force Diving Program</i>
AFI 10-3502, Vol 3, <i>Pararescue and Combat Rescue Officer Operations, Techniques, and Procedures</i>
AFI 13-112, Vol I, <i>Terminal Attack Controller Training Program</i>
AFI 13-112, Vol II, <i>Terminal Attack Controller STAN/EVAL Program</i>
AFI 13-203, <i>Air Traffic Control</i>
AFI 13-217, <i>Assault Zone Procedures</i>
AFI 13-219, <i>Special Tactics Operator Standards and Evaluation Program</i>
AFI 15-128, <i>Air and Space Weather Operations-Roles and Responsibilities</i>
AFI 15-129, <i>Air and Space Weather Operations-Processes and Procedures</i>
AFI 15-135, Vol 1, <i>Special Operations Weather Training</i>
AFI 15-135, Vol 2, <i>Special Operations Weather Standardization and Evaluation</i>
AFI 15-135, Vol 3, <i>Special Operations Weather Team Operations</i>
AFI 31-207, <i>Arming and Use of Force by Air Force Personnel</i>
AFI 36-2201, <i>Developing, Managing, and Conducting Training</i>
AFI 36-2226, <i>Combat Arms Training and Maintenance (CATM) Program</i>
AFMAN 15-111, <i>Surface Weather Observations</i>
AFTTP 3-1-3-3. Guardian Angel
DATC 31-19, <i>Special Forces Military Training Circular Freefall Parachuting</i>
ETL 09-6, <i>C-130 C-17 Landing Zone Marking Criteria</i>
ETL 02-19, <i>Airfield Pavement Evaluation Standards</i>
FAA 7110.65, <i>Air Traffic Control</i>
FAAO 7220.1, <i>Certification and Rating Procedures</i>
FM 3-05.211, <i>Special Forces Military Free-Fall Operations</i>
FM 3-21.220, <i>Static Line Parachuting Techniques and Training</i>
JFIRE Handbook
JP 3-09.3, <i>Close Air Support</i>
NAVSEA 0994-LP-001-9010/20, Vols. I Publication thru IV, <i>U.S. Navy Diving Manual Pararescue Medication and Procedure Handbook</i>
USSOCOM D 350-2, <i>Joint Air Asset Allocation Conference (JAAAC)</i>
USSOCOM D 350-3, <i>Airborne Operations (Parachuting)</i>
USSOCOM D 350-4, Vol 1, <i>Maritime Training and Operations Manual, Combat Swimming/Diving Operations</i>
USSOCOM D 350-4, Vol 2, <i>Maritime Training and Operations Manual, Combat Rubber Raiding Craft Operations</i>

5.9.1. AFTTP 3-1 and 3-3. AFSOAWC/TD is responsible for coordinating updates to Tactics Handbooks and AFTTP volumes for AFSOC MDS aircraft. AFSOC group and squadron tacticians must identify potential changes to the publications. Unit tactician representatives are required to participate in volume updates to ensure theater-relevant

information is incorporated. The 561 JTS or AFSOC/A3 will publish interim changes or page changes to update publication information between revisions. (T-2)

5.9.2. AFSOCI 11-207. HQ AFSOC publishes AFSOCI 11-207 to define the tactics program, responsibilities, and processes. This document must meet group and squadron tactics requirements to maintain combat ready aircrews and provide the appropriate expertise to unit leadership. To ensure unit requirements are met, group and squadron tacticians must take an active part in providing inputs to AFSOCI 11-207. (T-2)

5.9.3. Other Publications. AFSOC participation in multi-command, joint, and combined operations across the entire spectrum of conflict provides the opportunity to make meaningful contributions to the improvement of many publications that influence AFSOC operations. AFSOC units should provide recommended changes to these publications to AFSAWC/TD. AFSAWC/TD will consider these inputs when coordinating on the publications. (T-2)

5.9.4. Final/Interim Test Reports. Test reports are prepared and made available by the 18 FLTS. These reports are available from the 18 FLTS page on the classified AFSAFnet portal, accessible at <http://afsafnet.afsoc.af.smil.mil/sites/18flts/default.aspx> as well as the Defense Technical Information Center page at <https://webs.dtic.smil.mil>. Tacticians should check these pages periodically for test reports and updates. (T-2)

J. MARCUS HICKS, Maj Gen, USAF
Director of Operations

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

AFCAT 21-209, Vol 1, *Ground Munitions*, 9 November 2007

AFD, Vol 1-4, Annex 3.05, *Special Operations*, 20 August 2014

AFD, Vol 1-4, Annex 3-50, *Personnel Recovery*, 4 December 2014

AFPD 11-2, *Aircraft Rules and Procedures*, 19 January 2012

AFI 10-601, *Operational Capability Requirements Development*, 6 November 2013

AFI 10-703, *Electronic Warfare Integrated Reprogramming*, 4 June 2014

AFI 10-706, *Electronic Warfare Operations*, 14 May 2014

AFI 10-3502, Vol 1, *Pararescue and Combat Rescue Officer Training, Standardization, and Operations*, 16 February 2011

AFI 10-3502, Vol 2, *Pararescue and Combat Rescue Officer Standardization and Evaluation Program*, 30 April 2012

AFI 11-200, *Aircrew Training, Standardization/Evaluation, and General Operations Structure*, 19 January 2012

AFI 11-202, Vol 3, AFSOC SUP, *General Flight Rules*, 30 November 2012

AFI 11-235, *Forward Area Refueling Point (FARP) Operations*, 15 December 2000

AFI 11-260, *Tactics Development Program*, 15 September 2011

AFI 11-415, *Weapons and Tactics Program*, 15 October 2014

AFI 13-217, *Drop Zone and Landing Zone Operations*, 10 May 2007

AFI 13-217_AFSOCSUP, *Drop Zone and Landing Zone Operations*, 15 May 2014

AFI 33-360, *Publications and Forms Management*, 25 September 2013

AFI 63-131, *Modification Management*, 19 March 2013

AFMAN 33-363, *Management of Records*, 1 March 2008

AFMD 6, *Air Force Special Operations Command*, 1 September 1996

AFSOC HOI 71-5, *Test and Evaluation*, 13 July 2012

AFSOCI 10-601, *AFSOC Operational Capability Requirements Development and Service Requirements Process*, 28 August 2014

AFSOCI 16-702, *Coal Warfighter Procedures for AFSOC*, 24 February 2011

AFSOCI 36-2805, *Directorate of Operations Awards*, 12 October 2011

AFSOCI 63-1101, *AFSOC Modification Management*, 18 May 2006

AFJ(I) 13-210, *Joint Airdrop Inspection Records, Malfunction/Incidents, Investigations and Activity Reporting*, 23 June 2009

AFTTP 3-1.*General Planning and Employment Considerations*, 6 February 2014

AFTTP 3-1.*Threat Guide*, 2 May 2014

JP 3-05, *Special Operations*, 16 July 2014

JP 3-50, *Personnel Recovery*, 20 Dec 2011

USSOCOM D 71-4, *SOF Capabilities Integration Development System (SOF CIDS)*, 9 June 2009

T.O. 00-35D-54, *USAF Deficiency Reporting, Investigation, and Resolution*, 1 November 2011

Prescribed Forms

There are no prescribed forms in this instruction.

Adopted Forms

AFSOC Form 87, *AFSOC Mission Weather Briefing*

AFSOC Form 97, *Aircraft Incident Worksheet*

AF Form 93, *Test Request*

AF Form 847, *Recommendation for Change of Publication*

AF Form 1067, *Modification Proposal*

AF Form 4326, *Tactics Improvement Proposal*

DD FORM 365-4, *Weight and Balance Clearance Form F*

DD Form 1748-2, *Airdrop Malfunction Report*

AF FORM 4327A, *Crew Flight (FA) Authorization*

Abbreviations and Acronyms

AAGS—Army Air-Ground System

ACO—Airspace Coordination Order

AD—Active Duty

ADRP—Aerial Delivery Review Panel

AFSOAWC/TD—Air Force Special Operations Air Warfare Center Tactics Development

AFCAT—Air Force Catalog

AFDD—Air Force Doctrine Document

AFI—Air Force Instruction

AFJI—Air Force Joint Instruction

AFJMAN—Air Force Joint Manual

AFMAN—Air Force Manual

AFMD—Air Force Mission Directive

AFPAM—Air Force Pamphlet

AFPC—Air Force Personnel Center
AFPD—Air Force Policy Directive
AFRC—Air Force Reserve Command
AFSC—Air Force Specialty Code
AFSOB—Air Force Special Operations Base
AFSOC—Air Force Special Operations Command
AFSOCI—Air Force Special Operations Command Instruction
AFSOF—Air Force Special Operations Forces
AFSPC—Air Force Space Command
AFTTP—Air Force Tactics, Techniques, and Procedures
AFUTL—Air Force Universal Task List
AMC—Air Mobility Command
AMSARB—Airdrop Malfunction and Safety Analysis Review Board
ANG—Air National Guard
AO—Area of Operation
AOB—Air Order of Battle
AOC—Air Operations Center
AOD—Air Operations Directive
AOR—Area of Responsibility
ARC—Air Reserve Component
ARMS—Aviation Resource Management System
ATIMS—AFSOC Tactics Information Management System
ATO—Air Tasking Order
AvFID—Aviation Foreign Internal Defense
AWACS—Airborne Warning and Control System
C2—Command and Control
CAA—Combat Aviation Advisor
CCB—Configuration Control Board
CCT—Combat Control Team
CDRJSOTF—Commander, Joint Special Operations Task Force
CDS—Container Delivery System
CEP—Combat Entry Point

CFACC—Combined Forces Air Component Commander
CMNS—Combat Mission Needs Statement
CMP—Combat Mission Profile
CMR—Combat Mission Ready
CMS—Combat Mission Sortie
CMT—Combat Mission Training
COMSEC—Communications Security
CONEMP—Concept of Employment
CONOP—Concept of Operations
CONPLAN—Contingency Plan
CMR—Combat Mission Ready
CMS—Combat Mission Sortie
CRB—Configuration Review Board
CRO—Combat Rescue Officer
CSAR—Combat Search and Rescue
CSO—Combat Systems Officer
DAN/TAN—Detection Avoidance Navigation/Threat Avoidance Navigation
DoD—Department of Defense
DEAD—Destruction of Enemy Air Defenses
DFA—Detection Free Altitude
DOC—Designed Operational Capability
DREAMS—Deficiency Reporting Entry and Mail System
DSO—Direct Support Operator
DZ—Drop Zone
EA—Electronic Attack
EC—Electronic Combat
ECMO—Electronic Counter Measures Officer
ECMT—Electronic Counter Measures Technician
ECO—Electronic Combat Officer
ECP—Electronic Combat Pilot
ECS—Electronic Communications Specialist
ECSF—Electronic Combat Support Flight

EI—Essential Elements of Information
EIS—Enterprise Information System
EMCON—Emission Control
EO—Electro-Optical
EOB—Electronic Order of Battle
ETL—Engineering Technical Letter
EW—Electronic Warfare
EWIR—Electronic Warfare Integrated Reprogramming
EWO—Electronic Warfare Officer
FAA—Functional Area Analysis or Federal Aviation Authority
FAAO—Federal Aviation Administration Order
FARP—Forward Area Refueling Point
FCO—Fire Control Officer
FDE—Force Development Evaluation
FID—Foreign Internal Defense
FLOT—Forward Line of Own Troops
FLTS—Flight Test Squadron
FM—Functional Manager or Field Manual
FMR—Financial Management Regulation
FNA—Functional Needs Analysis
FSA—Functional Solution Analysis
GATER II/III—Global Air Tactics Employment Review II/III
GMAT—Ground Munitions Allocation Tables
GOB—Ground Order of Battle
HLZ—Helicopter Landing Zone
HQ—Headquarters
IA—Initial Assessment
IADS—Integrated Air Defense System
IAW—In Accordance With
ICD—Initial Capabilities Document
IFF—Identification, Friend or Foe
IO—Information Operation

IOS—Information Operations Squadron
IPT—Integrated Product Team
IR—Infrared
IST—Integrated Skills Training
I-TAAR—Immediate Tactics After Action Report
ITO—Integrated Tasking Order
IW—Irregular Warfare
JA—Judge Advocate
JAAAC—Joint Air Asset Allocation Conference
JAI—Joint Airdrop Inspection
JCET—Joint Combined Exchange Training
JFACC—Joint Forces Air Component Commander
JFIRE—Joint Fires
JP—Joint Publication
JSOAC—Joint Special Operations Air Component
JSOTF—Joint Special Operations Task Force
JSTARS—Joint Surveillance Target Attack Radar System
JTAC—Joint Terminal Attack Controller
L2—Lessons Learned
LLWG—Lessons Learned Working Group
LM—Loadmaster
LZ—Landing Zone
MAJCOM—Major Command
MATT—Multi-Mode Advanced Tactical Terminal
MDS—Mission Design Series
METL—Mission Essential Task List
MICT—Management Internal Control Toolset
MDRB—Munitions Delivery Review Board
MDS—Mission Design Series
MR—Mission Ready
NAVSEA—Naval Sea Systems Command
NCO—Noncommissioned Officer

NGB—National Guard Bureau
NOB—Naval Order of Battle
NLT—No Later Than
OCR—Operational Change Request / Office of Coordinating Responsibility
OGK—Group Weapons and Tactics
OGV—Group Standardization and Evaluation
OPCON—Operational Control
OPLAN—Operations Plan
OPR—Office of Primary Responsibility
OPSEC—Operational Security
OSS—Operations Support Squadron
OT&E—Operational Test and Evaluation
PJ—Pararescueman
RRB—Requirements Review Board
RW ACE—Real World Air Combat Environment
RWR—Radar Warning Receiver
SAM—Surface-to-Air Missile
SAMS—ESA—SOF Air Mission Suite-Enhanced Situational Awareness
SAV—Staff Assistance Visit
SCI—Sensitive Compartmented Information
SE—Safety
SEAD—Suppression of Enemy Air Defenses
SINCGARS—Single Channel Ground and Airborne Radio System
SM—Single Manager
SNCO—Senior Noncommissioned Officer
SOCOM—Special Operations Command
SOF—Special Operations Forces
SOFTASE—Special Operations Forces Tactics and Adversaries Studies Element
SOFTAT—Special Operations Forces Tactics Analysis Team
SOLE—Special Operations Liaison Element
SOS—Special Operations Squadron
SOWT—Special Operations Weather Team

SPD—System Program Director
SPINS—Special Instructions
SPP—Strategic Planning Process
SQB—Secret Question Bank
SSBI—Single Scope Background Investigation
STO—Special Tactics Officer
STS—Special Tactics Squadron
TAAR—Tactics After Action Report
TACS—Theater Air Control System
TAT—Tactics Analysis Team
TD&E—Tactics Development and Evaluation
TDIP—Tactics Development Improvement Program
TIFP—Tactics Intra-fly Program
TIP—Tactics Improvement Proposal
TMT—Tactician Management Training
TOA—Time of Arrival
TOT—Time on Target
TP—Threat Penetration
TPB—Test Prioritization Board
TRB—Tactics Review Board
TS—Top Secret
TSO—Tactical System Operator
TSOC—Theater Special Operations Command
TSRTS—Threat System Recognition Training Software
TTP—Tactics, Techniques, and Procedures
TWG—Tactics Working Group
UCI—Unit Compliance Inspection
UJTL—Universal Joint Task List
UON—Urgent Operational Need
USAF—United States Air Force
USAFWS—United States Air Force Weapons School
USSOCOM—United States Special Operations Command

USSOCOM D—United States Special Operations Command Directive

UTC—Unit Type Code

VPE—Verification Planning Exercise

VRB—Verification Review Board

VTRAT—Visual Threat Recognition and Avoidance Trainer

WIC—Weapons Instructor Course

WPS—Weapons Squadron

WS—Weapons School

WSIPT—Weapon System Integrated Product Team

WSO—Weapons Systems Officer

Attachment 2
WAIVER REQUEST

Figure A2.1. Waiver Request Example.

(Submitting unit letterhead)

Date

MEMORANDUM FOR XX SOS/CC
 XX SOG/CC
 XX SOW/CC (as required)
 AFSOC/A3TW
 AFSOC/A3T
 HQ AFSOC/A3
 IN TURN

FROM: XX SOS/DO

Mailing Address

SUBJECT: AFSOCI 11-207 Waiver Request

1. Waivers to AFSOCI 11-207 must include:

Paragraph number and title that defines requirement to be waived.

Reason for inability to comply with requirement.

If waiver is follow-on to a previous waiver, explain why another waiver is required.

Description of the plan to attain compliance.

Date of expected compliance.

2. Operations officer from the originating unit must sign AFSOCI 11-207 waiver requests and forward it "IN TURN" to HQ AFSOC/A3 through AFSOC/A3TW.

3. Waivers will expire at expected compliance date or one year, whichever occurs first.

//Signed//

Squadron Operations Officer

Figure A2.2. Waiver Request Example (cont.

1st Ind, XX SOS/CC

Date

MEMORANDUM FOR XX SOG/CC

Concur / Non-concur

//Signed//

Squadron Commander

2d Ind to XX SOS/CC, Date, AFSOCI 11-207 Waiver Request

XX SOG/CC

Date

MEMORANDUM FOR XX SOW/CC

Concur / Non-concur

//Signed//

Operations Group Commander

3d Ind, XX SOW/CC

MEMORANDUM FOR AFSOC/A3TW

Date

Concur / Non-concur

//Signed//

Wing Commander

Figure A2.3. Waiver Request Example (cont.).

4th Ind, AFSOC/A3TW

MEMORANDUM FOR AFSOC/A3T

Date

Concur / Non-concur

//Signed//

Weapons and Tactics Branch

5th Ind, AFSOC/A3T

MEMORANDUM FOR HQ AFSOC/A3

Date

Concur / Non-concur

//Signed//

Operations Training Division

6th Ind, HQ AFSOC/A3

MEMORANDUM FOR XX SOS/DO

Date

Approved / Disapproved

//Signed//

Director of Operations

Attachment 3
APPOINTMENT LETTER

Figure A3.1. Appointment Letter Example.

(Submitting unit letterhead)

Date

MEMORANDUM FOR AFSOC/A3TW

FROM: XX SOS/DO

Mailing Address

SUBJECT: Appointment of XX SOS Squadron/Group Tacticians

1. The following individuals have been appointed as squadron tacticians and have met the minimum requirements outlined in AFSOCI 11-207. They are qualified instructors, maintaining a combat mission readiness status and have complete AFSOC Tactics Management Training.

Name	Rank	AFSC	Clearance	Date completed TMT

2. For questions please contact the squadron weapons and tactics office at XXX-XXXX.

//Signed//

Squadron Operations Officer

Attachment 4

VPE PLANNING ELEMENTS

A4.1. General. In the absence of MDS-specific Volume 1 guidance, this attachment lists essential elements for accomplishing VPEs. This matrix is not intended as a format for briefing or debriefing.

A4.1.1. Introduction and Overview.

A4.1.1.1. Introduction (participants and briefing classification).

A4.1.1.2. Mission overview (mission intelligence, political scenarios, mission tasking, and JA issues).

A4.1.1.3. Status of friendly forces (ground, air, and support).

A4.2. Area of Operations.

A4.2.1. Geography (topography, population centers, lines of communication, chokepoints and natural obstacles, major visual and radar significant identification points).

A4.2.2. Climatology (effects on unit operations, ground troop movements, and in-flight operations).

A4.2.3. Operating base (location, facilities, procedural constraints, strengths, and limitations).

A4.2.4. ATO/ITO/ACO.

A4.3. Situation/Status of Enemy Forces.

A4.3.1. Ground forces and accompanying air defense threats (SAMs, Anti-Aircraft Artillery, EC, and Spectrum Interference Resolution reporting), capabilities, strengths, and weaknesses.

A4.3.2. Airborne forces (numbers, locations, capabilities, and tactics). Rescort, Rescap, AWACS, Reconnaissance, SEAD, JSTARS, EC-130E/H, and Space.

A4.3.3. Discuss and decide on suppression, tactics, possible customer requirements, and other mission assumptions. Analyze both the country/area threat and threat emitter databases to anticipate the Radio Frequency (RF) and IR environments the aircrews will encounter.

A4.4. Mission Employment.

A4.4.1. Communications plan.

A4.4.2. Ground operations (launch authority and method, weapons and ammo load, electronic countermeasures settings/load/type, special mission equipment).

A4.4.3. Departure (weather contingencies, options).

A4.4.4. Route of flight (threat analysis, alternatives, fuel requirements, decision points and charts, FENCE crossing authority).

A4.4.5. Target ingress (initial point-to-target specifics, execute authority, tactics, and contingencies).

A4.4.6. Weapons employment (target data, load, suitability, ROEs, and mutual support plans).

A4.4.7. Egress plan (route, mutual support agreements).

A4.4.8. Downed aircrew, wounded bird plan.

A4.4.9. Recovery (safe corridor procedures, Identification Friend or Foe (IFF) procedures, alternate and emergency airfields).

A4.4.10. Escape and Evasion (selected areas for recovery, CSAR procedures).

A4.5. Services and support.

A4.5.1. Supply (POL, FARP, expendables).

A4.5.2. Medical facilities.

A4.5.3. Maintenance (location, capabilities).

A4.5.4. Divert airfields.

A4.5.5. NBC equipment and decontamination.

A4.6. Command and Signal.

A4.6.1. Required COMSEC fills (e.g., wide/narrow band keys).

A4.6.2. Words, numbers, letters of the day.

A4.6.3. Execution checklist.

A4.6.4. Essential Elements of Information (EEIs).

A4.6.5. Required reports and reporting procedures.

Attachment 5

CMS OBSERVATION CHECKLIST

A5.1. CMS Observation Checklist. The following CMS observation checklist (**Table A5.1 Table A5.1.1, Table A5.1.2 and Table A5.1.3**) is designed to provide a starting point for unit tacticians to observe aircrew, identify deficiencies, and initiate improvements. This checklist is a sample that the unit tactician may modify and use when conducting a CMS mission as specified in this instruction.

Table A5.1. CMS Observation Checklist (Permission Planning Phase).

PREMISSION PLANNING PHASE	Completed
Coordinate with squadron tactics office and the aircraft commander for authorization to be placed on flight orders. Ensure sufficient time for the operations admin to process flight orders.	
<p>At least one week prior to the mission, coordinate with scheduling to schedule the crew, tactician, mission, and required support (e.g., intel, wx, space, JA, refueling, jumpers) and facilities (e.g., ranges, DZs, LZs, HLZs).</p> <p>Request a DSO to be scheduled for the flight.</p> <p>Coordinate with supporting offices to ensure the information they provide to the crew is part of the scenario.</p>	
<p>In sufficient time to allow for adequate premission planning (usually 72 hours prior to mission execution), the Tactics Observer will provide threats applicable to the combat scenario.</p> <p>Include 18 FLTS test report data on and or AFTTP 3-1.Threat Guide and AFTTP 3-1/3-3.MDS tactical information as required.</p> <p>The scenario will include the following items:</p> <ul style="list-style-type: none"> • Political/Military situation • Objective (airdrop, infil/exfil, AR, or Helo AR) location • Orders of battle (air, land, electronic, etc.) (.thr file overlay and .lcl points indicating location(s) of friendly/enemy forces/equipment) 	

Table A5.1.1. CMS Observation Checklist (Mission Planning Phase).

MISSION PLANNING PHASE	Yes	No
Did all crew members attend and make effective use of the presenters at the mission inbriefing?		
Were all crew members effectively employed in mission planning?		
Were requests for information and for support assets (e.g., SEAD, DEAD, AWACS, RJ, JSTARS, TD) generated and provided to the intelligence planner?		
Was appropriate coordination conducted with the customer and supporting assets to produce the best plan?		
Were the tactical employment events (airdrop, airland, AR) thoroughly planned and discussed to ensure all applicable crew members know their responsibilities?		
Were detection avoidance techniques considered, used, and appropriate?		
Were appropriate threat avoidance/suppression techniques considered and used?		
Were appropriate threat evasion techniques considered and used?		
Were appropriate countermeasures for known threats reviewed and discussed?		
Was the evasion plan of action complete and understood by all crew members and customers (if necessary)?		
Was a “what if” session conducted to gain consensus on the best course of action for the most likely “unplanned” events?		
Was the crew proficient in using approved mission planning software for planning the flight and avoiding threats?		
Did the crew use mission planning tools effectively?		
Was the crew proficient in using AFTTP 3-1. <i>General Planning and Employment Considerations</i> , for mission planning; AFTTP 3-1. <i>Threat Reference Guide and Counter-tactics</i> ; and AFTTP 3-1/3.XX, <i>Tactical Employment/Combat Aircraft Fundamentals</i> , for threat information and tactical procedures/techniques during mission planning?		
Chart markings and Annotations: Are charts constructed IAW the appropriate AFTTP 3-3.MDS?		
Are the OBs plotted on the crews’ charts?		
Are range rings drawn around the threats on crews’ charts?		
Are the FLOT, CEP, CXP plotted on crews’ charts?		
Do crew members that require a chart have one that is properly marked?		

Table A5.1.2. CMS Observation Checklist (Route Study through Preflight Phases).

ROUTE STUDY	Yes	No
Was a thorough study conducted of the route to include threat avoidance?		
Was a thorough route study conducted of the HAR/AR track?		
Was a thorough route study conducted of the drop zone?		
Was low altitude HAR required, planned and briefed to include contingencies?		
Was a thorough route study conducted of the landing zone?		
CREW BRIEFING	Yes	No
Was the crew briefing conducted and all required briefing items covered IAWAFI 11-2MDS Vol 3 and AFTTP 3-3.MDS?		
Was an updated weather briefing provided?		
Was a current intelligence update brief provided to include changes since last brief?		
Did the intelligence and EWO briefings cover all significant threats?		
Did the evasion and recovery planner brief evasion plan of action, rally points, evasion areas, cover stories, SAR codes, and emergency medical plans and procedures?		
Did flight surgeons, chaplains, JA, unit commander, and his staff provide additional briefings?		
CREW BACKBRIEF	Yes	No
Was a backbrief provided to the commander and his staff?		
Did the backbrief provide commanders and staff with sufficient information to review and approve the planned mission?		
Was the backbrief presented following the mission route from launch to recovery?		
Was a “what if” session conducted to gain consensus on the best course of action for the most likely “unplanned” events?		
Did the mission commander present a probability of mission success?		
PREFLIGHT PHASE	Yes	No
Was the aircraft properly configured for the mission and were the specific aircraft requirements such as self-protection coordinated with maintenance?		
Was a complete jumpmaster briefing conducted to the jumpers including data on threats in and near the objective area?		
Was a complete customer/team brief (if required) conducted to include data on threats in and near the objective area?		
Was a complete aircrew/loadmaster briefing conducted prior to stations time?		

Table A5.1.3. CMS Observation Checklist (Flight through Post Flight Phases).

FLIGHT PHASE	Yes	No
Was the Combat Entry Point/FENCE Checklist completed?		
Did the crew react to system onboard/offboard threat inputs?		
Was timely notification given to the crew?		
Did the crew correctly identify threats?		
Did the crew react correctly to avoid/evade/counter the threats?		
Did the DSO make threat calls appropriate to the tactical situation?		
Did aircrew acknowledge and utilize DSO threat calls for determining tactics/maneuvers?		
Were TTP properly employed during low-level/high-level?		
POST MISSION PLANNING ASSESSMENT	Yes	No
Were TTP properly employed during airland?		
Were TTP properly employed during HAR?		
Were TTP properly employed during airdrops?		
Were in-flight reports made when appropriate?		
Were OPSEC and COMSEC measures used?		
Were post threat BDA checks in the cabin and cockpit completed?		
Were the tactical checklists completed in a permissive environment?		
Was the Combat Exit Checklist completed at an appropriate place?		
POST FLIGHT	Yes	No
The Tactics Observer will debrief the aircrew on Tactics Observations noted during each phase.		

Attachment 6

AFSOC REPORTING PROCEDURES FOR WEAPON EMPLOYMENT INCIDENTS

A6.1. . AFSOC aircrews will use the following guidance IAW AFI 11-202, Vol 3 AFSOC Supplement to determine reporting and investigation procedures when a weapon employment incident occurs.

Table A6.1. Information to Collect for Aircraft Munitions Employment Investigations.

DATE/TIME
UNITS INVOLVED (FLYING, SUPPORTING, TACP/JTAC, RCO etc.)
NAME AND LOCATION OF RANGE
TYPE OF AIRCRAFT INVOLVED
TYPE OF MUNITION, CHAFF, OR FLARES
LIVE OR INERT ROUNDS
WEATHER (WINDS, CEILING, VISIBILITY, etc.)
INJURIES (KNOWN OR SUSPECTED)
COLLATERAL DAMAGE (KNOWN OR SUSPECTED)
HEADING AND ALTITUDE
SCORES FROM SURVEYED TARGETS FOR ALL WEAPON EMPLOYMENTS ACCOMPLISHED (TRAINING ONLY)
RANGE AND BEARING OR CLOCK POSITION AND DISTANCE FROM KNOWN POINT ON THE RANGE (TRAINING ONLY)
RANGE AND BEARING OR CLOCK POSITION FROM INTENDED IMPACT POINT
SUSPECTED CAUSE OF OFF-RANGE IMPACT (TRAINING ONLY)
TGP/FLIR/LAR INFORMATION (PREFLIGHT/RECALCULATION/ACCEPTABLE LAUNCH AREA)
CURRENT IMPACT ZONE SURVEY/SAFETY OF FLIGHT REVIEW (TRAINING ONLY)
NARRATIVE OF EVENT SEQUENCE PREPARED BY EACH AIRCREW MEMBER
DD FORM 365-4, <i>WEIGHT AND BALANCE CLEARANCE FORM F</i>
AFSOC FORM 97, <i>AIRCRAFT INCIDENT WORKSHEET</i>
AFSOC FORM 87, <i>AFSOC MISSION WEATHER BRIEFING</i>
AF FORM 4327A, <i>CREW FLIGHT (FA) AUTHORIZATION</i>
ANY REMAINING ORDNANCE ON THE AIRCRAFT