

**BY ORDER OF THE COMMANDER  
AIR FORCE SPECIAL OPERATIONS  
COMMAND**



**AIR FORCE SPECIAL OPERATIONS  
COMMAND INSTRUCTION 10-1201**

**23 APRIL 2013**

*Incorporating Change 1, 1 October 2014*

*Certified Current On 11 August 2014*

**Operations**

**AFSOC SPACE OPERATIONS**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

---

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

**RELEASABILITY:** There are no releasability restrictions on this publication.

---

OPR: AFSOC OC/STN

Certified by: AFSOC OC/CC  
(Lt Col Todd D. Kratzke)

Pages: 11

Supersedes: AFSOCI10-1201,  
5 November 2009

---

This instruction implements Air Force Policy Directive (AFPD) 10-12, *Space*, and Air Force Instruction (AFI) 10-1201, *Space Operations*. It provides guidance for the integration of space operations capabilities and personnel to support Air Force Special Operations Command (AFSOC) missions. This guidance applies to all AFSOC units to include AFSOC units in the Air National Guard (ANG) and Air Force Reserve Command (AFRC). Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS) located at <https://www.my.af.mil/afirms/afirms/afirms/rims.cfm>. The authorities to waive wing/unit level requirements in this publication are identified with a Tier ("T-0, T-1, T-2, T-3") number following the compliance statement. See AFI 33-360, *Publications and Forms Management*, for a description of the authorities associated with the Tier numbers. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the Publication Office of Primary Responsibility (OPR) for non-tiered compliance items. Refer recommended changes and questions about this publication to the 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.

## *SUMMARY OF CHANGES*

This supplement has been updated to reflect current AFSOC guidance and policy regarding HQ AFSOC and field unit POC responsibilities.

**1. General.** The primary objective of the instruction is to provide guidance to AFSOC forces on the integration of space operations capabilities at the tactical and operational level of conflict, and to guide the preparation of AFSOC space personnel to support exercise and contingency requirements.

**1.1. Space Personnel Responsibilities.** AFSOC has space personnel assigned to the AFSOC Operations Center (OC) and AFSOC active duty wings and groups. These space personnel ensure the proper integration of space capabilities to enhance AFSOC combat operations. Additionally, these space personnel educate and train Special Operations Forces (SOF) on space system capabilities available to enhance mission accomplishment.

1.1.1. The Chief of the Space Specialty Team (AFSOC OC/STN) will act as the AFSOC Director of Space Forces (DIRSPACEFOR), and facilitates coordination, planning, execution, and assessment of space operations impacting Air Force Special Operations Forces (AFSOF) for AFSOC. Additionally, day-to-day, the DIRSPACEFOR will serve as the AFSOC space subject matter expert (SME) and will be the coordinating official for all space support to AFSOC at the MAJCOM level.

1.1.2. The Chief, AFSOC OC/STN will act as AFSOC's Space functional area manager (FAM) and will coordinate requisitions for personnel, space officer training and all deployments for space officers within AFSOC.

1.1.3. The Chief, AFSOC OC/STN will coordinate with the Air Force Personnel Center (when appropriate) for requisition of space officers for AFSOC units, upon request.

**1.2. Home Station Personnel Recovery (PR) Support.** Space support to home station PR can be requested through unit space and/or intelligence personnel or by contacting the AFSOC OC/STN at Defense Switched Network (DSN) 579-4612/3254 or via the AFSOC OC Operations Floor at DSN 579-8900.

**1.3. Home Station Friendly Force Tracking (FFT) Support.** AFSOC's growing command and control (C2) requirements have increased the need for global, secure, accurate, and timely situational awareness; thus, driving a greater reliance on FFT devices. The AFSOC OC/STN executes management and acquisition of the AFSOC FFT program on behalf of the AFSOC OC/CC and AFSOC/A3, as delegated from AFSOC. The AFSOC OC/STN will facilitate coordination, planning, and execution of force tracking operations to include overarching FFT device management. The AFSOC OC/STN office will also act as the command's liaison with outside agencies regarding FFT operations.

1.3.1. AFSOC units should request device development and procurement to meet emerging needs by submitting a detailed request and justification for new FFT devices through the unit space officer to HQ AFSOC/A3. AFSOC OC/STN will be the HQ AFSOC/A3 point of contact (POC) for all FFT requirements.

1.3.2. AFSOC units should contact their respective unit's space personnel regarding the FFT program. Units that do not have a permanent party space officer can contact the AFSOC OC/STN at DSN 579-5710/7823 or via the AFSOC OC Operations Floor at DSN 579-8900 for technical support relating to FFT device operation, troubleshooting, and/or data dissemination. Reference AFSOCI 10-1202, *AFSOC Friendly Force Tracking (FFT) Operations*, for additional information.

**2. Space Officer Roles and Responsibilities.** Space officers assigned to AFSOC OC/STN will act as space SMEs on behalf of HQ AFSOC. These individuals are familiar with AFSOC operations and will be prepared to support AFSOF deployment requirements for exercises and contingency operations with the concurrence of the unit commander. This also applies to civilian personnel assigned to the AFSOC OC/STN, when permitted by position descriptions.

**2.1. Space officers assigned to AFSOC OC/STN.** As well as the space officers assigned to other AFSOC units, space officers assigned to AFSOC OC/STN, will identify and integrate space capabilities and space-related tactics, techniques, and procedures (TTPs) to improve AFSOF operations.

**2.2. Contingency Planning.** Space personnel assigned to AFSOC OC/STN and select AFSOC units will serve as SMEs to identify and integrate space capabilities required to support AFSOF during contingency planning.

**2.3. Deliberate Planning.** Space officers assigned to AFSOC OC/STN, acting as space SMEs on behalf of HQ AFSOC, and space officers assigned to AFSOC units will review and be familiar with their applicable theater Operation Plan (OPLAN) and the space support specified for OPLAN execution (i.e., Annex N, Space Operations). Space personnel will serve as SMEs for space-based combat support to theater, home-station, and AFSOC OC operations in support of (ISO) theater OPLAN execution. (T-2)

**2.4. Space TTPs.** Space officers assigned to AFSOC OC/STN and space officers assigned to AFSOC units will serve as their respective unit's SME for space capabilities, the unit's employment of space capabilities ISO AFSOF operations, and related TTPs. (T-2)

2.4.1. Space officers assigned to AFSOC OC/STN, acting as space SMEs on behalf of HQ AFSOC, and space officers assigned to AFSOC units should support the AFSOC tactics program as defined in AFSOCI 11-207, *AFSOC Tactics Program*.

2.4.2. Unit space officers should assist the unit Weapons and Tactics Flight with the development of TTPs for the proper integration of space capabilities in order to (IOT) support AFSOF operations.

2.4.3. The Space Weapons Officer (SWO) assigned to AFSOC OC/STN will serve as the AFSOC SWO and will support HQ AFSOC/A3TW with all space-related TTP development, validation and testing. The AFSOC SWO will also participate in all AFSOC Tactics Review Boards (TRBs) and will support other TRBs for space-related AFSOC issues when applicable.

2.4.4. Space officers assigned to the AFSOC OC/STN, acting as space SMEs on behalf of HQ AFSOC, and space officers assigned to AFSOC units should (to the maximum extent possible) attend AFSOC and Air Force Space Command (AFSPC) Weapons and

Tactics conferences to remain knowledgeable of emerging and developing TTPs to ensure these space capabilities are incorporated into AFSOC TTPs when applicable.

**2.5. Space Doctrine, Policies, and Instructions.** Space officers assigned to AFSOC OC/STN, acting as space SMEs on behalf of HQ AFSOC, and space officers assigned to AFSOC units will serve as the SMEs to review and coordinate space-related doctrine, policies, and instructions. (T-2)

**2.6. Space Technologies.** Space officers assigned to AFSOC OC/STN, acting as space SMEs on behalf of HQ AFSOC, will identify existing and emerging space technologies that could enhance AFSOC operations. Additionally, they will provide subject matter expertise for the proper development, testing, and fielding of new space capabilities and technologies to support AFSOC operations.

**2.7. AFSOC Unit Space Education and Training.** AFSOC OC/STN, acting as space SMEs on behalf of HQ AFSOC, and space officers assigned to AFSOC units will educate and train AFSOC forces on the proper employment and integration of space capabilities. (T-2)

2.7.1. Space personnel assigned to AFSOC should receive initial space training from AFSOC OC/STN. Initial space training, within an AFSOC context, is defined as training that presents current space capabilities (i.e., IBS, GPS, SATCOM, Missile Warning, etc.) that enhance AFSOC missions. This training will be coordinated by AFSOC OC/STN. All other training courses designed to improve the space personnel's knowledge of space and AFSOC operations and to better prepare them to integrate space capabilities with AFSOC assets/missions, will be coordinated and funded by their respective unit.

2.7.2. Unit space officers should coordinate with unit Operations Training Flights and Weapons and Tactics Flights to incorporate space training into unit training programs.

2.7.3. All space education and training will be tailored to the specific unit and/or platform being supported to ensure unit personnel are knowledgeable of how space capabilities enhance their combat operations. (T-2)

2.7.4. Unit space officers will support Combat Mission Training (CMT) in accordance with (IAW) AFSOCI 11-207, *AFSOC Tactics Program*. (T-2)

2.7.5. Units that do not have a permanent party space officer may request space education and training through AFSOC OC/STN at DSN 579-4612.

2.7.6. AFSOC space SMEs may be tasked to support joint SOF operations at the Joint Forces Special Operations Component Command (JFSOCC) or the Joint Special Operations Task Force (JSOTF) when force augmentation is required. Tasking requirements for AFSOC space personnel will be coordinated with the AFSOC Space FAM at DSN 579-3254, and formally requested through the AFSOC OC Operations Center at DSN 579-8900. (T-3)

**3. Space Support Mission Areas.** AFSOC benefits from leveraging space capabilities to improve combat operations and capabilities. This instruction is not intended to limit the space support provided to AFSOC forces; however, it is necessary to define the baseline space capabilities, products, and support that each AFSOC space officer must be prepared to employ during exercise and contingency operations. The baseline space support will include:

3.1. **Theater Missile Warning (TMW).** Space officers assigned to AFSOC units will provide timely and accurate TMW to SOF C2 nodes for passive defense. In most cases, this support will occur while forward deployed ISO on-going contingency operations; however, there may be instances when increased tensions in a particular region may require a space officer at home station to conduct TMW. In either case, the space officer assigned to SOF units will provide the SOF commander with an architecture that captures indications and warnings of theater missile events affecting all SOF forces assigned to or attached within that commander's authority. (T-2)

3.2. **Personnel Recovery (PR)/Combat Search and Rescue (CSAR).** Space officers assigned to AFSOC units often support personnel recovery operations by serving as the primary liaison with national assets; requesting national overhead signals intelligence (commonly referred to as national technical means [NTM]) support for PR/CSAR events; and providing survivor location data to the rescue force. This coordination includes, but is not limited to, coordinating NTM coverage to support exercises. All NTM support requests will be in coordination with the efforts of the local intelligence agency (e.g., ISRD, A2, or J2 collection manager). (T-2)

3.2.1. While deployed, the space officer should coordinate with the SOF unit's Personnel Recovery Coordination Center C2 (if applicable) to determine when NTM support is required to support PR/CSAR operations. Typically, NTM support to a PR scenario will be requested once the theater's Joint Personnel Recover Center (JPRC) determines a PR/CSAR event has occurred. Upon JPRC declaration of a PR/CSAR event, the space officer assigned to the SOF unit will coordinate NTM support per the guidance given in theater special instructions (SPINs), applicable concepts of operations (CONOPs), or operations plans (OPLANs).

3.2.1.1. Space officers assigned to SOF units will familiarize themselves with all applicable SPINs, CONOPs, and OPLANs applicable to their organization. (T-2)

3.3. **Space Control.** Space officers assigned to AFSOC units will plan and integrate offensive and defensive counterspace measures to gain and maintain space superiority, as appropriate. (T-2)

3.4. **Friendly Force Tracking (FFT).** Space officers assigned to AFSOC units will coordinate integration of FFT capabilities into AFSOC platforms and individual equipment suites. They will ensure FFT capabilities are appropriate to support unit requirements and are included in the C2 element's Common Operational Picture (COP) for unit leadership Situational Awareness (SA). Reference AFSOCI 10-1202, *AFSOC Friendly Force Tracking (FFT) Operations*. (T-1)

3.5. **Force Enhancement Planning.** The Global Positioning System (GPS), space weather, friendly space systems and adversarial space systems can all effect the enhancement of AFSOF operations. Therefore, the space officer must have the ability to provide force enhancement planning and space situational awareness by accomplishing the following:

3.5.1. Analyze the Global Positioning System (GPS) interference environment, predict the impact to AFSOC operations, and develop a plan to mitigate GPS interference effects. (T-2)

3.5.2. Provide navigation accuracy predictions and determine the impact to AFSOC operations. (T-2)

3.5.3. Support local weather personnel with efforts to integrate data, analysis, and products from the Air Force Weather Agency (AFWA), 23d Weather Squadron (WS), and Special Operations Weather Teams to support space situational awareness (reference AFI 15-128, *Air and Space Weather Operations - Roles and Responsibilities*). Determine the impact of space weather on space systems (i.e., GPS, SATCOM, Missile Warning satellites, etc.), and determine the impact of any space system degradation (e.g., radio frequency interference, spacecraft charging, particle bombardment, etc.) to AFSOF operations. (T-2)

3.5.4. Maintain situational awareness of blue-force space system capabilities and determine the impact of adversary space capabilities to AFSOF operations in coordination with HQ AFSOC/A2A. (T-1)

3.5.5. Maintain situational awareness of red- and grey-space system capabilities and determine the impact of adversary space capabilities to AFSOF operations in coordination with HQ AFSOC/A2A. (T-1)

3.6. **Special Technical Operations (STO).** Space officers assigned to AFSOC units may provide subject matter expertise as a STO planner and in select cases as the STO Chief for planning and execution of special technical capabilities.

3.7. **Communications.** Space SMEs do not work traditional satellite communication (SATCOM) functions. While space personnel can work unique SATCOM issues (e.g., Interference, Special Comms, etc.), the A6 community is responsible for traditional SATCOM.

3.8. **Intelligence, Reconnaissance, and Surveillance (ISR).** Space SMEs do not work traditional ISR functions. While space personnel can work unique ISR requests such as GPS and/or link interference and operational use of ISR capabilities (i.e., PR, etc.), the A2 community is responsible for traditional ISR.

**4. Exercise and Contingency Operations Support.** Space capabilities and personnel should be integrated into AFSOC exercises and contingency operations, when appropriate.

4.1. **AFSOC Space Support for Exercises.** AFSOC units should incorporate space operations into exercises to the greatest extent possible in order to normalize space integration into the AFSOC culture. The AFSOC space officer's participation in exercise planning and execution is crucial to ensuring that appropriate space capabilities are leveraged IOT support AFSOF exercise requirements. During AFSOC exercises, the space expertise will be provided by the space officer assigned to the exercising AFSOC Wing or Group. Units that do not have a permanent party space officer assigned or if that individual is unavailable (e.g., deployment), space officer support can be requested and should be coordinated with the AFSOC Space FAM (AFSOC OC/STN) at DSN 579-3254.

4.2. **AFSOC Space Support for Contingency Operations.** Space personnel participation in contingency planning is critical to ensuring appropriate space capabilities are leveraged IOT support AFSOF operations. Unit space personnel will support unit contingency planning groups to identify space support requirements and determine if deployment of an

AFSOC space SME is required. If additional space officer support is required, units will coordinate with the AFSOC Space FAM (AFSOC OC/STN) at DSN 579-3254. (T-3)

**5. Space Support Requirements.** HQ AFSOC and AFSOC units requiring direct space support should provide and maintain the equipment and software for space SMEs to perform the space support mission area functions. Due to the classification of some mission areas, the unit must also ensure access to appropriately cleared facilities for space personnel to perform their tasks. (T-3)

**5.1. Space Software Applications.** AFSOC units will ensure the SOF Air Mission Suite (SAMS) software load is loaded on the Secure Internet Protocol Router Network (SIPRNET) for their space personnel to utilize. This will ensure their space personnel are capable of providing the support required to enhance their mission. The AFSOC OC/STN will coordinate with HQ AFSOC/A6 to ensure the correct software applications are included in the most current SAMS load. (T-3)

**5.2. Computer Equipment.** Each unit should ensure deployable computers are available for unit space personnel to support exercises and contingency operations.

5.2.1. One deployable computer should be configured to receive the Integrated Broadcast Service's intelligence broadcast, either via transmission control protocol/internet protocol or directly from the satellite's downlink (e.g., Air Force Tactical Receive Suite [AFTRS] or equivalent). This computer is required to provide accurate and timely support to TMW, PR/CSAR, and FFT operations.

5.2.2. A second deployable computer should be configured to support force enhancement planning and space situational awareness. This system must be configured with the standard software load for Joint Special Operations Air Component (JSOAC)/Joint Special Operations Air Detachment (JSOAD) joint operations centers and have the space software application installed. This computer requires SIPRNET connectivity and access to the SIPRNET-fed COP. This computer must be part of the deployed Tactical Local Area Network (TACLAN).

5.2.3. Unit space personnel require access to the Joint Worldwide Intelligence Communications System (JWICS) or equivalent Top Secret/Special Compartmented Information (SCI) network.

**5.3. Facilities.** To provide space force enhancement to AFSOC, space personnel require access to a SCI facility. Additionally, these personnel require access to a Special Access Program (SAP) facility if SAP capabilities are utilized in the operation or training event. Access to these facilities (with SCI/SAP communications equipment) is required at the deployed AFSOF C2- node and at the AFSOC units. This requirement is satisfied if the host base is willing and able to provide such facilities.

**5.4. Training.** Each unit will ensure space personnel are properly trained to operate the space application software. Training will be completed IAW the *HQ AFSOC Space Operations Training Plan*. (T-3)

**6. AFSOC Space Personnel Readiness.**

**6.1. Deployable Status.** To support AFSOC space SME deployment requirements, AFSOC space personnel must maintain worldwide deployable status.

6.1.1. Members will coordinate with their Unit Deployment Manager (UDM) and ensure all mobility requirements remain current. (T-3)

6.1.2. The AFSOC Space FAM (AFSOC OC/STN) manages the deployment schedule for all space officers assigned to AFSOC units. UDMs will notify AFSOC OC/STN if there is a change in mobility status (i.e., member is removed from/returned to worldwide deployment eligibility status). (T-3)

6.2. **Minimum Security Clearance.** To effectively support AFSOC space SME requirements, AFSOC space personnel must maintain a current Top Secret clearance with SCI indoctrination.

7. **AFSOC Space Personnel Training.** AFSOC space officers will have at least one operational space assignment prior to their assignment to an AFSOC unit. While it is highly desired for each space officer to have two operational space tours and some experience directly supporting AFOSF or other theater operations, some billets are coded for O-2 or O-3, limiting the experience level of potential personnel. Due to their varied backgrounds (i.e., satellite command and control, space-based missile warning, space surveillance, space launch, intercontinental ballistic missile operations, etc.) and varied experience levels, each space officer must complete the AFSOC space training requirements to fully support AFOSF space integration efforts. (T-2)

7.1. **Training Plan.** AFSOC space personnel training will be completed IAW the *HQ AFSOC Space Operations Training Plan*. The Chief, AFSOC OC/STN will approve the *HQ AFSOC Space Operations Training Plan* for implementation. (T-3)

7.2. **Training Plan Deviations.** Requests for deviations from the *HQ AFSOC Space Operations Training Plan* must be submitted to AFSOC OC/STN via an official memorandum. The AFSOC OC/STN will monitor all training requirements and will be the approval authority for deviation requests. (T-3)

7.3. **Theater Training.** AFSOC space personnel should complete theater training requirements as defined by the supported Combatant Command. Space officers will coordinate with the unit deployment manager for all theater specific training requirements.

8. **Staff Assistance Visit (SAV).** The Chief, AFSOC OC/STN will ensure that all AFSOC units with a permanent party space SME receive an annual SAV to assist units with the integration of space personnel and capabilities into AFSOC operations. As necessary, the unit may request additional SAVs by submitting a request to AFSOC OC/STN for Chief, Space Specialty Team approval.

MARCUS J. HICKS, Brig Gen, USAF  
AFSOC Director of Operations

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

AFPD 10-12, *Space*, 01 Feb 1996

AFDD 3-05, *Special Operations*, 16 Dec 2005

AFDD 3-50, *Personnel Recovery*, 01 Jun 2005

AFI 10-1201, *Space Operations*, 25 Jul 1994

AFI 15-128, *Air Force Weather Roles and Responsibilities*, 07 Feb 2007

AFSOCI 10-1202, *AFSOC Friendly Force Tracking (FFT) Operations*, 07 Feb 2007

AFSOCI 11-207, *AFSOC Tactics Program*, 29 Jun 2009

***Prescribed Forms***

No forms are prescribed in this publication.

***Adopted Forms***

AF Form 847, *Recommendation for Change of Publication*

***Abbreviations and Acronyms***

**AF**—Air Force

**AFI**—Air Force Instruction

**AFMAN**—Air Force Manual

**AFPD**—Air Force Policy Directive

**AFRC**—Air Force Reserve Command

**AFRIMS**—Air Force Records Information Management System

**AFSOC**—Air Force Special Operations Command

**AFSOCI**—Air Force Special Operations Command Instruction

**AFSOF**—Air Force Special Operations Forces

**AFSPC**—Air Force Space Command

**AFTRS**—Air Force Tactical Receive Suite

**AFWA**—Air Force Weather Agency

**ANG**—Air National Guard

**C2**—Command and Control

**CSAR**—Combat Search and Rescue

**CMT**—Combat Mission Training

**CONOP**—Concept of Operation

**COP**—Common Operational Picture  
**DIRSPACEFOR**—Director of Space Forces  
**DSN**—Defense Switched Network  
**FAM**—Functional Area Manager  
**FTT**—Friendly Force Tracking  
**GPS**—Global Positioning System  
**HQ**—Headquarters  
**IAW**—In Accordance With  
**IOT**—In Order To  
**ISO**—In Support Of  
**ISRD**—Intelligence, Surveillance, Reconnaissance Division  
**JFSOCC**—Joint Forces Special Operations Component Command  
**JPRC**—Joint Personnel Recover Center  
**JSOAC**—Joint Special Operations Air Component  
**JSOAD**—Joint Special Operations Air Detachment  
**JSOTF**—Joint Special Operations Task Force  
**JWICS**—Joint Worldwide Intelligence Communications System  
**MAJCOM**—Major Command  
**NTM**—National Technical Means  
**OC**—Operations Center  
**OPLAN**—Operation Plan  
**OPR**—Office of Primary Responsibility  
**OWS**—Operational Weather Squadron  
**POC**—Point of Contact  
**PR**—Personnel Recovery  
**RDS**—Records Disposition Schedule  
**SA**—Situational Awareness  
**SAMS**—Special Operations Forces Air Mission Suite  
**SAP**—Special Access Program  
**SATCOM**—Satellite Communications  
**SAV**—Staff Assistance Visit  
**SCI**—Special Compartmented Information

**SCoReS**—Space Combat Receive Suite

**SIPRNET**—Secret Internet Protocol Router Network

**SME**—Subject Matter Expertise

**SOF**—Special Operations Forces

**SPINS**—Special Instructions

**STO**—Special Technical Operations

**SWO**—Space Weapons Officer

**TACLAN**—Tactical Local Area Network

**TMW**—Theater Missile Warning

**TRB**—Tactics Review Board

**TRS**—Tactical Receive System

**TTP**—Tactics, Techniques, and Procedures

**UDM**—Unit Deployment Manager

**WS**—Weather Squadron