

**BY ORDER OF THE COMMANDER
SPACE OPERATIONS COMMAND**

**SPACE OPERATIONS COMMAND
MISSION DIRECTIVE 107**



4 JANUARY 2024

Mission Directive

SPOC CTS

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: HQ SPOC/DCG-O S35/T

Certified by: HQ SPOC/DCG-O
(DEVIN R. PEPPER, Brig Gen, USSF)

Pages: 15

This Mission Directive implements guidance in AFI 38-101, *Manpower and Organization*. Its purpose is to define the mission, organization, and responsibilities of the USSF SpOC Combat Training Squadron (CTS)/CTS Detachments (CTS Dets)/Combat Training Detachment (CTD). This mission directive applies to HQ SpOC and subordinate units. This MD does not direct, but makes reference to, Air National Guard (ANG) or Air Force Reserve Command (AFRC) units and members and their associations with CTS and CTS Dets. This MD does not apply to the United States Air Force. Refer recommended changes and questions about this publication to the OPR using DAF Form 847, *Recommendation for Change of Publication*; route DAF Forms 847 from the field through the appropriate functional's chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained IAW AFI 33-322, *Records Management and Information Governance Program*, and disposed of IAW the Air Force Records Information Management System Records Disposition Schedule. Submit requests for waivers through the chain of command to the publication OPR for nontiered compliance items. This publication may not be supplemented or further implemented/extended.

1. Mission. CTS/CTS Dets are located on various Space Force Bases (SFB) with a mission to prepare Combat Mission Ready (CMR) U.S., Allied, and Coalition Spacecrew professionals through Initial Qualification Training (IQT)/Mission Qualification Training (MQT), Continuation Training (CT), Advanced Training (AT), Exercise support and coordination, and crew position Evaluations IAW DAFGM 2023-13-602V1, *Ready Spacecrew Program Training*, AFI 13-602V2, *Spacecrew Standardization and Evaluation Program*, associated SPOCMAN 13-6 Mission Design Series Volumes, and DAFH 36-2675, *Information for Designers of Instructional Systems*. Within this context, this training includes both offensive and defensive operations training on Standard Space Trainers (SST) or other headquarters approved training simulators or emulators to ensure freedom of action in space and, when directed, defeat efforts to interfere with or attack U.S. or allied space systems. CTS/CTS Dets use a broad range of training options to provide trained forces to use for space warfighting effects and planning guidance in support of the Combat Squadrons they support. CTS/CTS Dets deliver reliable trained space professionals globally across multiple local and geographically separated units operating in/for USSF and multiple combatant commands as detailed in Operations Plans, Operations Orders, and Execution Orders. CTS/CTS Dets incorporate and influence weapon system training through networked systems available through Special Access Program (SAP), Secure Global Network (SGN), Joint Worldwide Communication Systems (JWICS), Secure Internet Protocol (SIPR), and Non-Secure Internet Protocol (NIPR). Interoperability through connected architecture ensures space operations training includes command and control, and intelligence-led/cyber-resilience; and trains space professionals to operate in a Contested, Degraded, and Operationally Limited (CDO) environment. CTS/CTS Dets mission and equipment is based on the Training System Requirements Analysis (TSRA), Training Planning Teams (TPT), and System Training Plans (STP) IAW AFI 16-1007, *Management of Air Force Operational Training Systems*.

1.1. Mission of CTS/CTS Dets:

1.1.1. **Delta 2 Combat Training Flight (CTF).**

1.1.1.1. Mission of Delta 2 CTF, located at Peterson SFB, Colorado ensures Space Domain Awareness (SDA) Geographical Separated Units (GSU) forces are CMR for the purpose of executing combat-ready SDA operations in their effort to deter aggression, and if necessary, fight to protect and defend the U.S. and our allies from attack in, through, and from space.

1.1.1.2. Organization of Delta 2 CTF. Based on GSU supported, Delta 2 CTF will be manned to oversee and provide guidance and direction to weapon systems Delta 2 Commander is operationally responsible for. See [Attachment 2](#) for Delta 2 CTF optimal organizational structure.

1.1.1.3. Weapon Systems Equipment of Delta 2 CTF. Delta 2 CTF does not utilize weapon systems or trainer equipment to provide training/evaluation support to GSUs. The Delta 2 CTS Det is dependent on the GSU support offices and weapon systems/support systems to source information and facilitate requirements/feedback between SpOC and GSUs. As weapon systems dictate, Delta 2 CTS Det requires network access to include: SGN, JWICS, SIPR, and NIPR, as well as including the applications hosted on the network.

1.1.1.4. Threat Environments for Delta 2 CTF. Due to GSU location proximity, Delta 2 CTF does not require any additional training systems or facilities to replicate the

system threat environment. However, in conjunction with the SDA Mission Area Team (MAT), they are responsible for making sure systems, facilities, and trainers delivered can replicate Threat Level I, II, III environments. If there is no threat replication capability or the threat replication does not meet mission needs, the Delta 2 CTF and SDA MAT will support system acquisition or upgrades, if applicable.

1.1.1.5. Future Requirements of Delta 2 CTF. Future requirements are based on the operational weapon systems, facilities, and security classification required by GSUs. All SSTs at GSUs, as a minimum, include a record and playback function, and the ability to operate in a CDO and benign environment.

1.1.1.6. Air Reserve Component Total Force Integration Relationships for Delta 2 CTF. Delta 2 CTF may have total force associate mission partner relationships with AFRC units. In this case, Delta 2 CTF should maintain Association Plans memorandums of understanding/ memorandums of agreements (MOUs/MOAs) for each mission partner that is being supported to ensure adequate support is provided. If required, the CTF will incorporate total force mission partners into Delta 2 training memorandum.

1.1.2. **Delta 3, 3 CTS.**

1.1.2.1. Mission of the 3 CTS. Develop and train combat relevant electromagnetic warfare professionals. Provides training for electromagnetic warfare operators responsible for electromagnetic support and electromagnetic attack. Located at Peterson SFB, Colorado.

1.1.2.2. Organization of the 3 CTS. See [Attachment 2](#) for 3 CTS organizational structure.

1.1.2.3. Weapon Systems Equipment of the 3 CTS. The 3 CTS trains with/on:

1.1.2.3.1. Counter Communications System.

1.1.2.3.2. Bounty Hunter System.

1.1.2.3.3. Satellite Communications (SATCOM) system supporting Ground Multi-Band Terminal operator course.

1.1.2.3.4. Weapon system required and approved training system simulators and emulators (e.g., Big Top, SST, Signal Emulation Generation Subsystem (SEGS)).

1.1.2.3.5. SAP, SIPR, NIPR, and JWICS networks and facilities.

1.1.2.4. Threat Environments for 3 CTS. Training capabilities must be able to replicate threat levels in which operational units are required to execute.

1.1.2.5. Future Requirements of 3 CTS. The 3 CTS requires SSTs for all weapon systems and identical operational support equipment (e.g., communications, ground equipment) utilized by operational units.

1.1.2.6. Air Reserve Component Total Force Integration Relationships for 3 CTS. 3 CTS supports AFRC/ANG training requirements as directed by Higher Headquarters (HHQ) (e.g., SpOC).

1.1.3. **Delta 4, Det 2.**

1.1.3.1. Mission of Delta 4 Det 2. Det 2 is located at Buckley SFB, Colorado and trains guardians to operate Space Based Infrared Systems (SBIRS) and SBIRS Survivable, Endurable, Evolution in support of the missile warning enterprise. Det 2 provides system and mission specific training, such as MQT. Det 2 works with Army 1st Space Company, 1st Space Brigade for Joint Tactical Ground Station (JTAGS) training during stand up and transition. Once transition is complete, training will align with the Ready Spacecrew Program (RSP). Delta 4 Det 2 is responsible for training operators for 2 Space Warning Squadron (SWS). 7 SWS, 10 SWS, and 11 SWS, and are responsible for conducting IQT for their respective weapon systems IAW DAFGM2023-13-602V1 and AFI 13-602V2. 6, 7, 10, 11, 12, and 13 SWS are responsible for conducting MQT, AT, CT, and all evaluations IAW DAFGM2023-13-602V1 and AFI 13-602V2 for Ground Based Radars (GBR) and Space Awareness and Global Exploitation (SAGE), respectively. 13 SWS partners with ANG (213 SWS) for training.

1.1.3.2. Organization of Delta 4 Det 2. See [Attachment 2](#) for Delta 4 Det 2 optimal organizational structure.

1.1.3.3. Weapon Systems Equipment of Delta 4 Det 2. Det 2 operates, maintains, and manages the SST for SBIRS, a common-platform, enterprise-level training solution designed to provide USSF spacecrew operators with a lower-cost training solution than many legacy training systems. SST supports multiple missions within the Missile Warning Enterprise under a common software architecture/framework, allowing different sites to run common mission software packages (e.g., SBIRS software available to run on Buckley servers, and Upgraded Early Warning Radar (UEWR) running on other sites). SST provides a solution for MQT and AT for SBIRS, GBR, and SAGE.

1.1.3.4. Threat Environments for Delta 4 Det 2. All units must be able to operate in varying threat level environments. Training capabilities must be able to replicate threat levels in which operational units are required to execute.

1.1.3.5. Future Requirements of Delta 4 Det 2. Stand up of CTS to conduct training (e.g., IQT, CT, AT). The CTS will assume responsibility for training new missions and systems (e.g., JTAGS, SAGE, GBRs) within the missile warning enterprise. Overhead Persistent Infrared will undergo an upgrade that will transition the mission to Future Operationally Resilient Ground Evolution. Execute weapon system upgrades to address advanced/evolving threats in accordance with USSF force development concepts, fielding plans, sustainment plans, and sunset/decommissioning plans.

1.1.3.6. Air Reserve Component Total Force Integration Relationships for Delta 4 Det 2. 8th Space Warning Squadron (8 SWS) is the AFRC reserve associate unit to 2 SWS. 8 SWS and 710 Operations Support Flight integrates with Det 2 for training collaboration and provides support of reserve component members in accomplishing the Missile Warning mission. An MOU between 13 SWS and 213 SWS is in effect. An MOU with ANG unit (137 SWS) at Greeley, Colorado, is in development.

1.1.4. **Delta 5, 55 CTS**

1.1.4.1. Mission of 55 CTS. Located at Vandenberg SFB, California the 55 CTS provides operations training, evaluations, Weapons and Tactics (W&T) support, and exercise coordination support for Combined Space Operations Center (CSpOC) operations. The 55 CTS is responsible for certifying all Delta 5 personnel who perform operations on the CSpOC operations floor. The certification processes, training program development (for IQT, MQT, supplemental, RQT, and AT), and procedural review and development fall under the purview of 55 CTS in support of CSpOC combat mission ready requirements.

1.1.4.2. Organization of 55 CTS. The 55 CTS consists of 4 Flights: The Training Flight (DOT), Standardization and Evaluations Flight (DOV), W&T Flight (DOK), and the Exercises and Experimentation Flight (DOE).

1.1.4.3. Weapon Systems Equipment of 55 CTS. 55 CTS Maintains a legacy version of the SST, a common-platform, enterprise-level training solution, designed to provide USSF spacecrew operators with a lower-cost training solution than many legacy training systems. However, the SST does not satisfy any current requirements of 55 CTS functions. 55 CTS employs Microsoft Office Suite tools to provide all training and evaluations support functions for Del 5. Patriot Excalibur is used as the program of record for crewforce management functions.

1.1.4.4. Threat Environments for 55 CTS. As Del 5 must be able to operate in varying threat level environments (Threat Levels I, II, and III as defined in Joint Publication (JP) 3-10, *Joint Security Operations in Theater*), all training capabilities must be able to replicate threat levels in which operational units are required to execute.

1.1.4.5. Future Requirements of 55 CTS. 55 CTS requires SSTs for all current and future weapon systems and off-line, “sandbox/shadow-app” versions of all applications used for CSpOC operations. The SST and all off-line “sandbox/shadow-app” versions require, at a minimum, a record and playback function, and having the ability to operate in a CDO and benign environment.

1.1.4.6. Air Reserve Component Total Force Integration Relationships for 55 CTS. 55 CTS should be completely integrated with the training section of the 9 Combat Operations Squadron (9 COS). 9 COS is the Reserve unit associated with Delta 5.

1.1.5. Delta 6, Det 1

1.1.5.1. Mission of Delta 6 Det 1. Located in Colorado Springs, CO, the Delta 6 Det 1 is the sole training element responsible for generating combat-ready space and cyber forces for Delta 6’s Operations. Det 1 provides qualification, continuation and advanced training of Delta 6 personnel and ensures its space and cyber warfighters develop and maintain combat mission-readiness for its weapon systems.

1.1.5.2. Organization of Delta 6 Det 1. Delta 6 Det 1 is staffed to support the systems they are responsible for. Delta 6 Det 1 contains a training flight, Unit QA-instruction stan/eval section, and a support section. See [Attachment 2](#) for the Delta 6 Det 1 organizational structure.

1.1.5.3. Weapon Systems Equipment of Delta 6 Det 1. Provide cyber range capability that accommodates training and simulation of various cyber space operations to include

318th Range Squadron (RANS), National Space Test and Training–Complex (33 RANS), and managed service contracts (e.g., facility, Commercial Off the Shelf equipment, and Operations and Maintenance).

1.1.5.4. Future Requirements of Delta 6 Det 1. Stand up of CTS to conduct training (e.g., IQT, CT, AT) with a project total of 35 personnel, an increase of 22 personnel. Provide space and cyber training for Delta 6 missions. Expand Cyber Range support to increased training requirements of CTS.

1.1.5.5. Air Reserve Component Total Force Integration Relationships for Delta 6 Det 1. Not applicable.

1.1.6. Delta 7, Det 1.

1.1.6.1. Mission of Delta 7 Det 1, commonly known as the Delta 7 Combat Training Detachment. Train (through Initial Intelligence Training (IIT) and directed IQT) the world's premier Space ISR professionals in the art and science of warfare through mastery of threat knowledge, adversary capability and warfighting technique, existing and innovative warfighting techniques, and friendly (U.S., Allied, and Commercial) system knowledge. Det 1 is located at Peterson SFB, Colorado.

1.1.6.2. Organization of Delta 7 Det 1. The Delta 7 Combat Training Detachment is billeted for a Commander (CC) (Maj), a Senior Enlisted Leader (MSgt), and five Instructors (Sgt and TSgt), with a balance of all-source and cryptologic SFSCs.

1.1.6.3. Weapon Systems Equipment of Delta 7 Det 1. Det 1 ISR Systems include National Security Agency Network, JWICS, SIPR, NIPR, and presentation systems.

1.1.6.4. Threat Environments for Delta 7 Det 1. Det 1 has been organized/developed to operate in Threat Level 1 and Threat Level 2. Any environment that degrades access to equipment listed in [1.1.6.3](#), or interrupts IIT/IQT would affect Det 1.

1.1.6.5. Future Requirements of Delta 7 Det 1. Det 1 future requirements include advanced ISR war-gaming/campaign emulators and ISR capability simulators. Contract, civilian, and military instructor billets are expected to increase as additional classroom curriculum is brought online in support of IQT courses such as cyber intel and targeting.

1.1.6.6. Air Reserve Component Total Force Integration Relationships for Delta 7 Det 1. Not applicable.

1.1.7. Delta 8, 8 CTS.

1.1.7.1. Mission of 8 CTS. Leads Warfighter Development for SATCOM and Position, Navigation, and Timing (PNT) Guardians. Located at Schriever Space Force Base, Colorado; with a Detachment 1 at Ft. Eisenhower, Georgia; Detachment 1 Operating Location Alpha at Ft. Detrick Maryland; Detachment 1 Operating Location Bravo at Vandenberg Space Force Base, California. The Squadron provides MQT, standardization/evaluations, and AT, CT, instructor and evaluator upgrade training, and all associated evaluations for Delta 8 crew positions personnel. The SATCOM Training flight (DOOA) develops space warfighters for SATCOM crew operations on behalf of 4 SOPS via MQT, CT, and curriculum development. In partnership with the 310 OG, the Evaluations flight (DOV) ensures proficiency and validates training for all of Space

Delta 8 CMR operators through evaluations, instructor evaluations, and crew observations. The W&T flight (DOK) leads Space Delta 8's AT program to ensure SATCOM/PNT readiness for combat through deliberate tactics development and training, integrated advanced training, and support for multidomain exercises. The Operations Support flight (DOU) leads student management of new accessions, DEL 8 USSF interservice transfers, instructor development, resource management, information technology, and project management. Det 1 develops space warfighters for Wideband SATCOM Operations Center crew operations on behalf of 53 SOPS via Mission Qualification Training. Located at Schriever SFB, Colorado; with a Det 1 at Ft. Eisenhower, Georgia (future site at Vandenberg SFB, California). Additionally, the 8 CTS aims to develop training to meet the operational squadron need for the 10th Space Operations Squadron and the SATCOM Officer mission areas. The 8 CTS also provides the PNT Integrated Mission Deltas (IMD) matrixed support during the establishment of the Delta.

1.1.7.2. Organization of 8 CTS.

1.1.7.2.1. Squadron Commander

1.1.7.2.2. Senior Enlisted Leader

1.1.7.2.3. Squadron Director of Operations

1.1.7.2.4. Operations Superintendent.

1.1.7.2.5. Technical Director

1.1.7.2.6. Flight Leadership

1.1.7.2.7. Det 1 Commander

1.1.7.2.8. Student Management

1.1.7.2.9. See [Attachment 2](#) for an example of an organizational structure.

1.1.7.3. Weapon Systems Equipment of 8 CTS. These are SST, Positional Training Emulator, Ground Support Facility, Wideband Training and Certification System, NIPR, SIPR, JWICS.

1.1.7.4. Threat Environments for 8 CTS.

1.1.7.4.1. 8 CTS has been organized/designed to train in a threat environment Level 1 and Level 2. Any environment that degrades access to equipment listed in [1.1.7.3](#) could negatively impact the 8 CTS mission.

1.1.7.5. Future Requirements of 8 CTS.

1.1.7.5.1. The stand up of a new flight to develop training and interface with the two new mission areas added to the DEL 8 portfolio: 10 SOPS operating the narrow-band SATCOM mission, and the SATCOM office responsible for SATCOM user allocation. The 8 CTS requires a new training solution to provide realistic training for the Wideband SATCOM Operations Center (WSOC) crew positions. Additionally, the 8 CTS requires mission simulators that can replicate adversary capabilities and Tactics, Techniques and Procedures (TTPs), as well as having identical operational support equipment (e.g., communications, ground

equipment) utilized by operational units. Training facility for full spectrum of mission simulators (or the like) to support single to multiple operator and instructor ratios. 8 CTS requires additional mission simulators, Sensitive Compartmented Information Facility classrooms, instructors, and personnel for growing SATCOM missions.

1.1.7.6. Air Reserve Component Total Force Integration Relationships for 8 CTS. Not applicable.

1.1.8. **Delta 9, 9 CTS.**

1.1.8.1. Mission of 9 CTS. Generates combat-ready space forces for Delta 9's orbital warfare, protect and defend mission, to enable the Delta 9 commander to prepare, present, and commit combat mission-ready forces. Provides qualification training, CT and AT of Delta 9 personnel to develop and maintain combat mission readiness. Additionally, 9 CTS is responsible for Delta 9 training guidance and documentation, as well as being responsible for training facilities, resource operations, advocacy, and management. Located at Schriever SFB, Colorado.

1.1.8.2. Organization of 9 CTS.

1.1.8.2.1. Squadron Commander

1.1.8.2.2. Senior Enlisted Leader

1.1.8.2.3. Squadron Director of Operations

1.1.8.2.4. Operations Superintendent

1.1.8.2.5. Flight Leadership

1.1.8.2.6. Standardization/Evaluations, Chief

1.1.8.2.7. Mission Assurance

1.1.8.2.8. Student management

1.1.8.2.9. See [Attachment 2](#) for an example of an organizational structure of positions.

1.1.8.3. Weapon Systems Equipment of 9 CTS. Simulator/SST, orbital warfare engagement environment for 1 SOPS AT (e.g., Mission Specific Vendor Plugin). SGN, JWICS, SIPR, NIPR, Operational Local Area Network, Red Local Area Network, Multi-Functional Secured Gateway, Distributed Communication Controller, Supplemental Local Area Network, Training Local Area Network and Electronic Schedule Display networks. Additionally, Systems Tool Kit for Orbital Defense Initiation.

1.1.8.4. Threat Environments for 9 CTS. 9 CTS has been organized/designed to operate in Threat Level 1 and Threat Level 2 conditions. Any environment that degrades access to equipment listed in [1.1.8.3](#) could negatively impact the 9 CTS mission.

1.1.8.5. Future Requirements of 9 CTS. The 9 CTS requires mission simulators for all weapon systems that can mimic all faults, indications, and warnings of operational

weapon systems, as well as being able to replicate adversary capabilities and TTPs, and identical operational support equipment (e.g., communications, ground equipment) utilized by operational units. Training facility for full spectrum of mission simulators (or the like) to support single to multiple operator and instructor ratios. 9 CTS requires additional mission simulators, facilities, and instructors for all future missions.

1.1.8.6. Air Reserve Component Total Force Integration Relationships for Delta 9 CTS. 9 CTS works with the 310 Operational Support Squadron and 7 SOPS. An MOU for training 310 OSS and 7 SOPS is in effect.

2. Command. SpOC S3/5T, as the CTS/CTS Dets Functional Area Manager in coordination with Mission Area Teams, will be the gatekeeper for requests for information and will coordinate training and readiness requirements with USSF, SpOC Directorates and Special Staff, STARCOM, SSC, AFRC, and National Guard Bureau.

3. Responsibilities. CTS/CTS Dets will comply with requirements identified in all HHQ publications (e.g. instructions, manuals, memorandums), including AFD 13-6, *Space Policy*; AFI 1-2, *Commander's Responsibilities*; 13-602 volumes; AFI 16-1007, DAFH 36-2675; DAFI 36-2670, *Total Force Development*. In addition:

3.1. CTS functions. Develop, oversee, and execute:

3.1.1. Initial Qualification Training (as required)

3.1.2. Mission Qualification Training

3.1.3. Continuation Training (as required)

3.1.4. Difference Training (as applicable)

3.1.5. Advanced Training

3.1.5.1. Ready Spacecrew Advanced Training Missions

3.1.6. Combat Readiness Verifications

3.1.7. Evaluations

3.1.7.1. Initial Evaluations

3.1.7.2. Proficiency Evaluations

3.1.7.3. Spot Evaluations

3.1.8. Weapon System Instructor Qualification Course

3.1.9. Evaluator Certification Course

3.1.10. Crew Force Management

3.2. CTS responsibilities:

3.2.1. Maintain qualified and CMR instructors and evaluators.

3.2.2. Develop system training curriculum.

3.2.3. Provide SpOC S3/5T requirements for exercises, formal training curriculum, training systems, facilities, and equipment.

- 3.2.4. Participate in system TSRA and TPT IAW AFI 16-1007 and SpOC Guidance. Incorporate training requirements into training programs.
 - 3.2.5. Coordinate on STP IAW AFI 16-1007 and SpOC Guidance. Identify shortfalls and limitations to SpOC DCG-O S3/5T.
 - 3.2.6. Complete Self Inspection Checklists via Master Internal Control Tool.
- 3.3. CTS Detachment functions. Responsible for performing or administering evaluations, just like a CTS. CTS Dets, typically used when units are geographically separated from the Delta, are responsible for ensuring units they oversee develop and execute training for:
- 3.3.1. Initial Qualification Training (as required)
 - 3.3.2. Mission Qualification Training
 - 3.3.3. Continuation Training
 - 3.3.4. Advanced Training
 - 3.3.4.1. Ready Spacecrew Advanced Training Missions
 - 3.3.5. Combat Readiness Verifications
 - 3.3.6. Maintain qualified and CMR instructors and evaluators.
- 3.4. CTS Detachment responsibilities:
- 3.4.1. Provide SpOC S3/5T requirements for exercises, formal training curriculum, training systems, facilities, and equipment.
 - 3.4.2. Participate in system TSRA and TPT IAW AFI 16-1007 and SpOC Guidance. Incorporate training requirements into training programs.
 - 3.4.3. Coordinate on STP IAW AFI 16-1007 and SpOC Guidance. Identify shortfalls and limitations to SpOC S3/5T.

STEPHEN N. WHITING, Lieutenant General, USSF
Commander

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

AFI 1-2, *Commander's Responsibilities*, 8 May 2014
AFI 13-602V2, *Spacecrew Standardization and Evaluation Program*, 11 October 2019
AFI 16-1007, *Management of Air Force Operational Training Systems*, 1 October 2019
AFI 33-322, *Records Management and Information Governance Program*, 23 March 2020
AFI 38-101, *Manpower and Organization*, 29 August 2019
AFPD 13-6, *Space Policy*, 13 August 2013
DAFI 36-2670, *Total Force Development*, 25 June 2020
DAFGM 2033-13-602, *Ready Spacecrew Program Training*, 10 March 2023
DAFH 36-2675, *Information for Designers of Instructional Systems*, 15 April 2022
JP 3-10, *Joint Security Operations in Theater*, 25 July 2019
SPOCMAN 13-6 MDS, Volumes 1 through 3, current versions

Prescribed Forms

None

Adopted Forms

DAF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AFRC—Air Force Reserve Command
ANG—Air National Guard
AT—Advanced Training
CDO—Contested, Degraded, and Operationally-limited
CC—Commander
CMR—Combat Mission Ready
CSpOC—Combined Space Operations Center
CT—Continuation Training
CTD—Combat Training Detachment
CTF—Combat Training Flight
CTS—Combat Training Squadron
CTS Dets—Combat Training Squadron Detachments

Dets—Detachments
GBR—Ground Based Radar
GPS—Global Positioning System
GSU—Geographical Separated Unit
HHQ—Higher Headquarters
IIT—Initial Intelligence Training
IMD—Integrated Mission Deltas
IQT—Initial Qualification Training
JP—Joint Publication
JTAGS—Joint Tactical Ground Station
JWICS—Joint Worldwide Communication Systems
MAT—Mission Area Team
MOA—Memorandum of Agreement
MOU—Memorandum of Understanding
MQT—Mission Qualification Training
NIPR—Non-Secure Internet Protocol
PNT—Position, Navigation, and Timing
RANS—Range Squadron
RSP—Ready Spacecrew Program
SAGE—Space Awareness and Global Exploitation
SAP—Special Access Program
SATCOM—Satellite Communications
SBIRS—Space Based Infrared Systems
SDA—Space Domain Awareness
SEGS—Signal Emulation Generation Subsystem
SFB—Space Force Base
SGN—Secure Global Network
SIPR—Secure Internet Protocol
SOPS—Space Operations Squadron
SST—Standard Space Trainers
STP—System Training Plan
SWS—Space Warning Squadron

TPT—Training Planning Team

TSRA—Training System Requirements Analysis

TTP—Tactics, Techniques and Procedures

UEWR—Upgraded Early Warning Radar

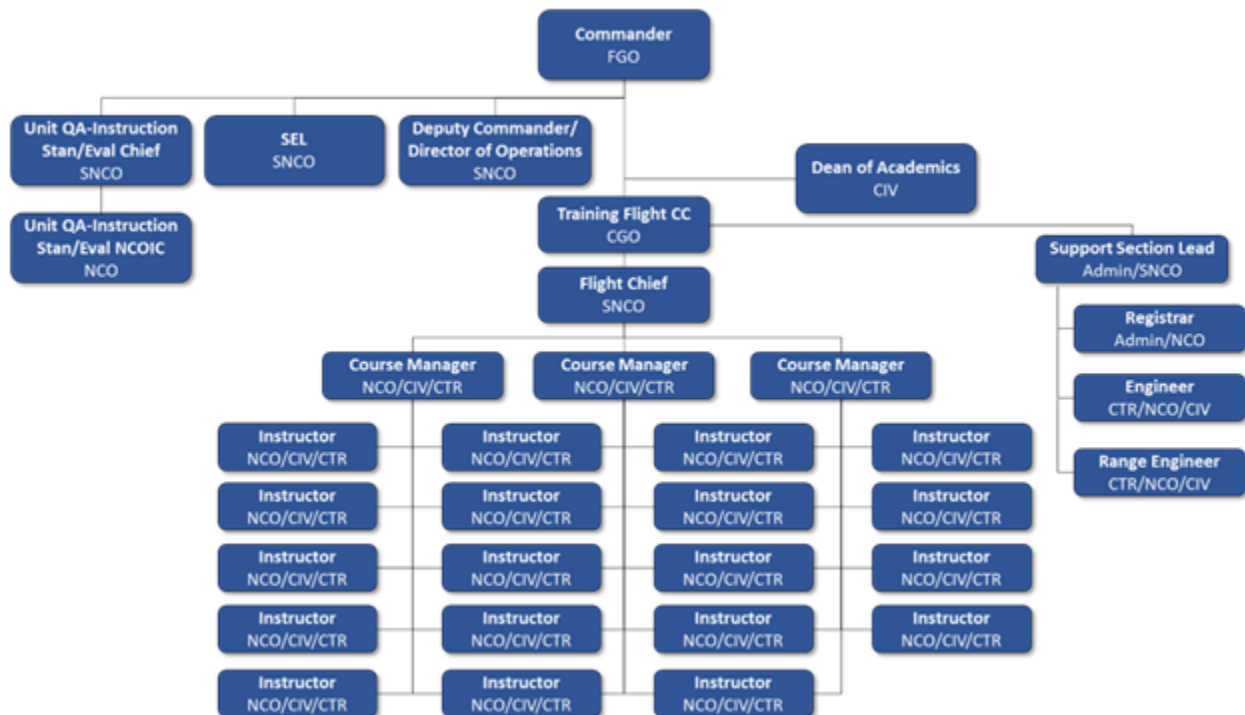
W&T—Weapons and Tactics

Attachment 2

ORGANIZATIONAL STRUCTURE

A2.1. Potential 3, 5, 8 and 9 CTS Organizational Structure. See [Figure A2.1](#).

- A2.1.1. Squadron Commander.
- A2.1.2. Deputy Commander/Director of Operations.
- A2.1.3. Senior Enlisted Leader.
- A2.1.4. Instructors that are CMR in the system they instruct.
- A2.1.5. Evaluators that are CMR in the system they evaluate.
- A2.1.6. Weapons Officers CMR in the system they oversee/assigned to.
- A2.1.7. Crew Force Management Function.
- A2.1.8. Curriculum Developer/Manager.
- A2.1.9. Student Registrar.
- A2.1.10. Senior Instructor/Chief of Instructors.
- A2.1.11. Senior Evaluator/Chief of Evaluator.

Figure A2.1. Potential Organization Structure for 3, 5, 8 and 9 CTS.**A2.2. Potential 2, 4, 6, and 7 Detachments.** See [Figure A2.2](#).

- A2.2.1. Detachment Commander
- A2.2.2. Deputy/Director of Operations

A2.2.3. Superintendent

A2.2.4. Crew Force Management Function, as applicable.

A2.2.5. Instructors that are CMR in the system they instruct, as applicable.

A2.2.6. Evaluators that are CMR in the system they evaluate, as applicable.

A2.2.7. Weapons Officers CMR in the system they oversee/assigned to, as applicable.

Figure A2.2. Potential Organization Structure for 2, 4, 6, and 7 Detachments.

