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COMBAT CONTROL



CAREER FIELD EDUCATION AND TRAINING PLAN

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**CAREER FIELD EDUCATION AND TRAINING PLAN
COMBAT CONTROL APPRENTICE
AFSC 1C2X1**

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PREFACE

This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements and training support resources for the Electrical Systems specialty. The CFETP will provide our personnel with a clear career path to success and instill rigor in all aspects of our career field training.

The CFETP consists of two parts used by the supervisor to plan, manage, and control training within the career field.

Part I provides information necessary for overall management of the specialty.

- Section A provides general information about how the CFETP will be used.
- Section B identifies career field progression information, duties and responsibilities, training strategies, and the career field path.
- Section C associates each skill-level with specialty qualifications (knowledge, education, and training).
- Section D indicates resource constraints.
- Section E identifies transition training guide requirements for SSgt through SMSgt.

Part II includes the following:

- Section A identifies the Specialty Training Standard (STS) to include duties, tasks, and technical references to support Air Education and Training Command (AETC) conducted training, wartime course, and correspondence course requirements.
- Section B contains the course objective list and training standards supervisors will use to determine if an Airman has satisfied training requirements.
- Section C identifies available support materials.
- Section D identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses, and exportable courseware.
- Section E identifies MAJCOM-unique training requirements supervisors can use to determine additional training required for the associated qualification needs.

Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their careers. This plan will enable us to train today's work force for tomorrow's jobs. ***At the unit level, supervisors and trainers will use Part II to identify, plan, and conduct training commensurate with the overall goals of this guide.***

NOTE: This is the CFETP that CCT/STO will transition from paper training records to the Digital Air Force Training Record (AFTR). All CCT/STO will transition and annotate such in the member's Air Force Training Record (AFTR) from their current training records NLT 180 Days form publishing of this CFETP. Owning SOW/CC will be responsible for transition and implementation status.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Distributive Learning (ADL). Anytime, anyplace learning within DoD consisting of instructional modules comprised of sharable content objectives in an Internet/Intranet environment.

Advanced Skills Training Course (STTS). Course provided by the Special Tactics Training Squadron designed to provide all Combat Control 5-skill level OJT and formal training requirements.

Advanced Training (AT). A formal course training toward a technical or supervisor level Air Force Specialty (AFS). Training is for selected career Airmen in the advanced technology level of the AFS. Graduates are not awarded a new AFSC.

Air Force Career Field Manager (AFCFM). An individual on the Air Staff charged with the responsibility for overseeing all training and career field management aspects of an Air Force specialty or group of specialties.

Air Force Enlisted Classification Directory (AFECD) – The Official directory for all military enlisted classification descriptions, codes, and identifiers. The specialty descriptions and codes will be used to identify each Air Force job (valid requirements) and describes the minimum mandatory qualifications of personnel to fill these jobs. The updated AFECD is available at AF Personnel Center's web site located at <http://ask.afpc.randolph.af.mil/> under the military classification menu.

Air Force Credentialing Opportunities On-Line (AF COOL) Program. AF COOL replaced the CCAF Credentialing and Education Research Tool (CERT). The AF COOL Program can be accessed through the AF Virtual Education Center (AFVEC). The site provides a research tool designed to increase an Airman's awareness of national professional credentialing and CCAF education opportunities available for all Air Force occupational specialties.

Air Force Training Record (AFTR). Electronic training data base to document training and access is located at the [Advanced Distributed Learning Service \(ADLS\)](#).

Air Force Job Qualification Standard/Command Job Qualification Standard (AFJQS/CJQS). A comprehensive task list that describes a particular job type or duty position. Used by supervisors to document task qualifications. The tasks on the AFJQS/CJQS are common to all persons serving in the described duty position.

Allocation Curves. The relation of hours of training in different training settings to the degree of proficiency which can be achieved on specified performance requirements.

Career Field Education and Training Plan (CFETP). A comprehensive, multipurpose document encapsulating the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Career Training Guide (CTG). A document that uses Task Modules (TMs) in lieu of tasks to define performance and training requirements for a career field.

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

Core Tasks. Mandatory tasks which the AFCFM has identified as a minimum qualification requirement within an Air Force specialty or duty position.

Course Objective List (COL). A publication, derived from initial/advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-/7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, Developing, Managing and Conducting Military Training Programs.

Critical Tasks. Tasks that have been identified by the workcenter supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as 'critical' to the individuals position by the supervisor or workcenter.

Duty Position Tasks. The tasks assigned to an individual for the position currently held. These include as a minimum all core tasks, critical tasks and any other tasks assigned by the supervisor.

Enlisted Professional Military Education (EPME). EPME is an Air Force time in service (TIS) based model. EPME requirements are developed in three phases. EPME ensures a target delivery of institutional competencies (ICs) throughout the Continuum of Learning across an enlisted airman's career.

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in each skill level of a specialty.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

Field Technical Training (Type 4). Technical training conducted at operational locations delivered by a training detachment (TD) or through a mobile training team (MTT) or a field training team (FTT).

Initial Skills Training. AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one of the technical training wings.

Instructional System Development (ISD). A deliberate and orderly, but flexible process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught in a cost efficient way the knowledge, skills, and attitudes essential for successful job performance.

Occupational Analysis Report (OAR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS. The information collected from this survey is used to make changes to upgrade training and Weighted Airman Promotion Exams.

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

Optimal Training. The ideal combination of training settings resulting in the highest levels of proficiency on specified performance requirements within the minimum time possible.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an individual in a specific duty position. This portion of the dual channel on-the-job training

program occurs both during and after the upgrade training process. It is designed to provide the performance skills required to do the job.

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

Recurring Training. Training provided to periodically review selected current operational procedures and techniques.

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

Review Training. Training conducted for the purpose of correcting specific operational deficiencies detected through performance evaluations, supervisory observations, trends, etc.

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

Special Tactics Team. An Air Force team composed primarily of combat control, Pararescue, TACP and SOWT personnel. The team supports joint special operations by selecting, surveying, and establishing assault zones; providing assault zone terminal guidance and air traffic control; conducting direct action missions; providing medical care and evacuation; coordinating, planning, and conducting air, ground, and naval fire support operations.

Special Tactics Training Squadron (STTS). Required Combat Control and SOWT 5-skill level OJT and formal training are normally accomplished at AFSOC's STTS. STTS also provides AFSOC mission familiarization training to Pararescue and TACP personnel assigned to Special Tactics units.

Specialty Training Package and COMSEC Qualification Training Package. A composite of lesson plans, test material, instructions, policy, doctrine, and procedures necessary to conduct training. These packages are prepared by AETC, approved by National Security Agency (NSA), and administered by qualified communications security (COMSEC) maintenance personnel.

Specialty Training Standard (STS). Describes skills and knowledge that airmen in a particular AFS need on the job. It further serves as a contract between the Air Education and Training Command (AETC) and the user to show the overall training requirements for an AFS taught in the resident and nonresident courses.

Specialty Training Requirements Team (STRT). Subject Matter Experts from each MAJCOM conduct research prior to Utilization and Training Workshop (U&TW), develops training, recommends delivery methods and determines if a full fledge U&TW is required. The team finalizes the CFETP, specialty description and develops a standard for all courses.

Standard. An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference, model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results. A fixed quantity or quality.

Task Module (TM). A group of tasks performed within an Air Force specialty that are performed together and that require common knowledge, skills, and abilities. An identification code and a statement identify TMs.

Total Force. All collective Air Force components (Active Duty, Reserve, Guard, and Civilian elements) of the United States Air Force.

Training Capacity. The capability of a training setting to provide training on specified requirements, based on the availability of resources.

Training Planning Team (TPT). Comprised of the same personnel as a U&TW, however TPTs are more intimately involved in training development and the range of issues are greater than is normal in the U&TW forum.

Training Requirements Analysis. A detailed analysis of tasks for a particular AFS to be included in the training decision process.

Training Setting. The type of forum in which training is provided (formal resident school, on the-job, field training, mobile training team, self-study etc.)

Upgrade Training (UGT). Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill levels.

Utilization and Training Pattern. A depiction of the training provided to and the jobs performed by personnel throughout their tenure within a career field or Air Force specialty. There are two types of patterns: 1) Current pattern, which is based on the training provided to incumbents and the jobs to which they have been and are assigned; and, 2) Alternate pattern, which considers proposed changes in manpower, personnel, and training policies.

Utilization and Training Workshop (U&TW). An executive decision meeting to vote on funding for instructor authorizations, equipment and facilities needed to support any new or revised training coming from the STRT. They will also determine which organizations will furnish resources and establish commitment and delivery dates in writing, document equipment availability dates and any problems and establish training delivery dates.

Vectored Positions. These are key NCO and SNCO positions in your career field. To learn more about vectored positions go to <https://afvec.langley.af.mil/myvector> .

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SECTION A - GENERAL INFORMATION

1. Purpose: This CFETP provides information necessary for the AFCFMs, MAJCOM functional managers (MFMs), commanders, education and training managers, supervisors/trainers, and certifiers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training personnel in an AFS require to develop and progress throughout their careers. It identifies initial skills, upgrade, qualification, advanced, and proficiency training.

1.1. Initial Skills Training is the AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. For our career field, this training is provided by AETC at the 366 TRS, Sheppard AFB, TX.

1.2. Upgrade Training. Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5-, 7-, and 9-skill levels.

1.3. Qualification Training. Hands-on task performance training designed to qualify an Airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge training required to do the job.

1.4. Advanced Training. A formal course for training personnel towards a technical or supervisory level in an AFS. Training is for selected career Airmen in the advanced technology of the AFSs. Graduates are not awarded a new AFSC.

1.5. Proficiency Training. Additional training either in-residence, exportable advanced training courses, or on-the-job training, provided to people to increase their skills and knowledge beyond the minimum required for upgrade.

1.6. The CFETP has several purposes –some are:

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

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

1.6.3. Lists training courses available in this specialty and identifies sources of training and the delivery methods.

1.6.4. Identifies major resource constraints that impact full implementation of the desired career field training process.

2. Uses. MFMs and supervisors will use the plan at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. MAJCOM (AETC/AFSOC as applicable) training personnel will develop/revise formal resident, non-resident, field, and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, qualification, and proficiency training requirements and identify requirements that can

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be satisfied by OJT, resident training, contract training, or exportable courses. MAJCOM-developed training to support this AFS must be identified for inclusion into the plan.

2.3. Unit Education and Training managers and supervisors must ensure each individual completes the mandatory training requirements (including MAJCOM supplemental requirements) for the upgrade training specified in this plan.

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

3. Coordination and Approval. The AFCFM is the approval authority for the CFETP. MAJCOM representatives and AETC personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

PART I**SECTION B - CAREER FIELD PROGRESSION AND INFORMATION**

4. Specialty Descriptions. Combat Control is a volunteer-only, special operations career field. Provides Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) to assist, control and enable the application of manned and unmanned, lethal and non-lethal airpower in all geographic and environmental conditions across the full spectrum of military operations. This includes Assault Zone survey, establishment and operation, Terminal Control which includes Air Traffic Control (ATC), and the targeting and control of airstrikes (including close air support (CAS)). Placement and use of visual and electronic aids to mark and control airheads and to enable precision navigation. Employment and use of Line of Sight (LOS) and Beyond Line of Sight (BLOS) long-range voice and data command and control, communications. Performs tactical level surveillance and reconnaissance functions fusing organic and remote controlled technologies and manned platforms to build the Common Operating Picture (COP).

4.1. Specialty Summary.

4.1.1. Performs intelligence, surveillance and reconnaissance (ISR) in semi/non permissive and combat environments. Conducts reconnaissance and surveillance of potential assault zones and target areas. Plans, coordinates, and conducts operations using advanced technologies to support reconnaissance and target identification. Records and submits site surveys of assault zones (drop, landing, and forward area arming refueling points (FAARP)) and other areas critical to aviation. Evaluates and relays status of airfields and assault zones to inbound aircraft and higher headquarters. Provides limited weather observations, including surface and altitude wind data, temperature, and cloud heights. Reports current battlefield information. Special Tactics Squadrons will develop Team and Troop level Global Access, Precision Strike, and Personnel Recovery capabilities based on HQ priorities. While 720 STG forces orient toward mission-focused forces at the Troop level, it will be critical for leaders to ensure all operators cross train and remain relevant in all ST core competencies. Troops will focus on one of the following mission sets: Global Access, Precision Strike, or Personnel Recovery.

4.1.2. Plans, organizes, supervises, and establishes ATC in the target area. Initiates, coordinates, and issues ATC clearances, holding instructions, and advisories to maintain aircraft separation and enable safe, orderly, and expeditious flow of traffic under visual or conventional approach control flight rules. Operates and monitors portable and mobile communications equipment and terminal and tactical navigation aids required to control and support air traffic in forward and contested areas. Prepares and issues advisories to pilots, ATC and other agencies concerning weather, notice-to-Airmen information, air traffic flow control measures, and wake turbulence. Provides flight assistance and emergency service to air traffic. Records weather and ATC data.

Controls vehicular traffic on the airport movement area. Identifies, assesses, and marks assault zones with visual and electronic navigation aids for day and night air land and airdrop operations. Coordinates clearances, instructions, advisories, and air traffic movement with forward and rear area commanders. Uses ground-to-air communications equipment and visual and electronic systems to control and expedite the movement of enroute, arriving, and departing air traffic. Directs actions to handle aircraft emergencies or mishaps. Coordinates with medical personnel on casualty and patient staging points. Provides airlift operations support that cannot be provided by combat communications groups or other agencies. Operates Global Positioning

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Systems (GPS) equipment to navigate for infiltration or exfiltration and locate assault zones. Coordinates airfield ground support (crash/fire/rescue, movement area safety and surveillance).

4.1.3. Targets and Controls fires. Plans, coordinates, and conducts fires to accomplish supported commander objectives. Includes CAS and supporting arms for surface elements and C4ISR in support of combined forces air component commander (CFACC) assets. Employs visual and electronic navigation and marking equipment to direct aviation assets to target. Issues weapons release clearance.

4.1.4. Deploys into forward areas and forward operating locations by land (mounted, special purpose vehicle or dismounted), sea (surface or subsurface naval vessel, small watercraft, SCUBA, Closed Circuit Diving or surface swim) or air (parachute, airmobile, air land) to participate in the full spectrum of military operations to include Air Expeditionary Force (AEF), force projection, Direct Action (DA), Counterterrorism (CT), Counter Proliferation (CP), Foreign Internal Defense (FID), Humanitarian Assistance (HA), Special Reconnaissance (SR), Personnel Recovery (PR), Non-Combatant Evacuation Operations (NEO), Integrated Survey Program (ISP), Counter Drug (CD), Unmanned Aerial Systems (UASs), Operational Preparation of the Environment (OPE),

Advanced Force Operations (AFO), and fire support operations. Uses demolitions to remove obstacles affecting safe air traffic flow in the target area. Maintains qualification and proficiency on assigned weapons.

5. Skill and Career Progression. Adequate training and timely progression from the apprentice to the superintendent level play an important role in the Air Forces ability to accomplish its mission. It is essential that everyone involved in training must do his or her part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career.

5.1. Apprentice (AFSC 1C231 – AB, AMN, A1C). The Combat Control Apprentice attends the STTS for completion of 5-skill level training objectives. While in the STTS the apprentice may participate in joint exercises, contingencies, force projection, and if specifically required, combat and humanitarian operations. Participates in team combat readiness, continuation, qualification and enlisted specialty training. Prepares equipment to meet mission requirements including communications equipment, vehicles, static line parachutes, and other mission equipment. Participates in training programs to satisfy EST and QT requirements. They will utilize the Career Development Course (CDC) and Task Qualification Training and work with trainers and mentors to enhance their knowledge and skills. Once task certified, a trainee may perform the task unsupervised. Promotion to Airman (AMN) normally occurs within the first year of service and promotion to Airman First Class (A1C) normally occurs during the second year of service. Promotion to Senior Airman (SrA) normally occurs between 24 to 36 months service.

5.2. Journeyman (AFSC 1C251 – SrA, SSgt). The STTS is designed to finish 5-skill level upgrade training within a year (must meet minimum time in training requirements IAW AFI 36-2201 prior to upgrading) and is followed with a PCS or PCA to an operational unit. Five-skill levels will normally attend an Airman Leadership School (ALS) after assuming the rank of SrA and completing 48 months of service, upon first reenlistment, or when selected for promotion to Staff Sergeant (SSgt). Completion of an ALS is mandatory prior to assuming the rank of SSgt.

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A 5-level is required for promotion to SSgt. Air National Guard (ANG) may substitute a non-resident ALS. Promotion to SSgt normally occurs near the five-year point of service. Once individuals have completed an ALS, they are authorized to supervise personnel. Once upgraded to the 5-skill level, a journeyman will enter into continuation training to broaden their experience base and will begin training to 7-skill level tasks. Although a journeyman has been trained and certified to perform designated tasks unsupervised at the 5-level, he will normally deploy and operate in the team member capacity. Individuals will use their CDCs to prepare for testing under the Weighted Airman Promotion System (WAPS). They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

5.3. Craftsman (AFSC 1C271 – SSgt, TSgt, and MSgt). A craftsman can expect to fill various supervisory and management positions. A craftsman is the most technically proficient operator and will be expected to deploy and operate independently as well as in the role of a team leader. Individuals should attend advanced qualification courses to allow them to operate as a team leader. They will also be assigned to work in staff positions. 7-skill levels should take courses or obtain added knowledge on management of resources and personnel. Promotion to Technical Sergeant (TSgt) normally occurs near the 11-year point of service. Individuals must attend an NCO Academy (NCOA) when selected for or after assuming the rank of TSgt. Promotion to Master Sergeant (MSgt) normally occurs near the 15-year point of service. Prior to assuming the rank of MSgt, individuals must complete the NCOA in residence. ANG may substitute a non-resident NCOA Course. Completion of CCAF degree programs is recommended. Once selected for MSgt, completion of the SNCOA by correspondence is encouraged.

5.4. Superintendent (AFSC 1C291 - SMSgt). A 9-skill level can be expected to fill positions of greater responsibility and should seek additional training in the areas of budget, manpower, resources and personnel management through continuing education. Promotion to SMSgt normally occurs near the 20-year point of service. Active duty individuals must complete the Senior Noncommissioned Officer Academy (SNCOA) in residence prior to assuming the rank of SMSgt. ANG may substitute the non-resident SNCOA Course.

5.5. Combat Control Manager (1C200 - CMSgt). This individual will be awarded AFSC 1C200 once selected for Chief Master Sergeant (CMSgt). Promotion to CMSgt normally occurs near the 23-year point of service.

6. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Combat Control specialty. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following training decisions were based on a STRT and a U&TW held at Pope AAF on 18-21 January 2016 that developed changes to the 1C2X1 apprentice course beginning in January 2018. Key training decisions from the STRT and U&TW involved formatting to transition to Air Force Training Record (AFTR) and modernizing the information to reflect capability used by the force. This CFETP added specific line items for Special Tactics Block 40 changes, and AETC training and organization changes. The CFM is the authority for waiving any mandatory training requirement(s). Process waiver requests to the CFM as described in AFI 36-2201, Volume 5.

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6.1. Apprentice Training. The apprentice-training pipeline was adjusted to address training deficiencies. Specifically, progressive rucksack training standards were reduced and standardized to better prepare trainees for follow-on courses in the pipeline. Fitness standards were adjusted to provide a science-based progression from the adjusted PAST standards, effective 1 July 2011, and development water skills were incorporated to ensure trainees are prepared for STTS mandatory requirements. Additionally major changes to the Combat Control Operator Course (ATC Course) were incorporated adding radar to the curriculum. These changes were driven by the 1C1X1 career field. In the most expeditious manner, the Combat Control Apprentice pipeline provides: Screening to prepare Combat Control trainees physically and mentally for the rigors of the training pipeline; Air Traffic Control Training (Combat Control Operator Courses); Basic jump training (Army Airborne); water survival; helicopter dunker training; and Combat Survival Training. These qualification courses are mandatory prerequisites for entry into the AFSC awarding course. The Combat Control Apprentice course provides individuals with knowledge and hands-on training that prepares them for the STTS with apprentice 3-skill level skills.

6.1.1. Apprentice Physical Training. Physical conditioning is a cornerstone of combat effectiveness. The Combat Control pipeline emphasizes physical training to assure that apprentice course graduates have the strength and endurance to meet the intense physical challenges inherent in the 5-level upgrade process and the CCT specialty. Efficient training of Combat Controllers from course of initial entry (COIE) through Apprentice (3-skill level) and Journeyman (5-skill level) is a complex, multi-command effort. The standards described in table 6.1 and table 6.2 support STS tasks 1.3.5. Perform progressive physical training, 1.3.6. Perform surface swimming, 1.3.7. Perform progressive surface/sub-surface water skills training as these tasks apply to the apprentice pipeline. Events will be administered in the sequence and manner specified for PAST test procedures published on the HQ AETC/A3T portal page.

Table 6.1 Apprentice Physical Training Standards

Event	Push-Ups	Sit-Ups	Pull-Ups	Run	Swim (5A)	Rucksack	Obstacle Course
Combat Control Selection Course, Lackland AFB, TX (2 weeks)							
PAST (1a)	48	48	8	10:10/1.5mi	11:42/500m	N/A	N/A
Exit (1b)	49	50	8	10:10/1.5mi	10:40/500m	80min/4mi (6a)	90% (7)
Pipeline Progression for Students Awaiting Training (SAT)							
Pipeline SAT (2a)	2a	2a	2a	2a	2a	2a	2a
Combat Control Operator Course, Keesler AFB, MS (15 weeks)							
Entry (3a)	49	50	8	13:53/2.0 mi	10:40/500m	80min/4mi (6a)	N/A
30 Day (3b)	51	54	8	17:37/2.5 mi	19:16/900m	100 min/5mi (6b)	N/A
60 Day (3b)	54	60	9	21:21/3mi	25:36/1200m	140 min/7 mi (6c)	N/A
Exit (3c)	58	65	10	28:54 /4mi	34:00/1500m	200 min/10 mi (6d)	90% (7)
Combat Control School, Pope AAF, NC (13 weeks)							
Entrance (4a)	57	64	9	28:54/4mi	35:00/1500m	200min/10 mi (6d)	N/A
Mid (4b)	61	71	11	32:42/4.5mi	33:00/1500m	N/A	N/A
Exit (4c)	64	75	12	36:32/5mi	32:00/1500m	300 min/15 mi (6e)	90% (7)

(1) Combat Control Selection Course (CCSC) Standards

- a. Assessment: Entry PAST applies to all candidates entering CCT Training; including 2x25m Under Water; successful completion mandated to start course.
- b. Evaluation: Conducted to gauge student progression and determine advancement potential.

(2) Pipeline Progression Student Awaiting Training (SAT) Standards

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a. Assessment: Maintains PT progression accountability with weekly assessments against pipeline progression standards relevant to the stage of training in the pipeline for the individual (e.g. completed CCSC and CCOC SAT will meet the CCOC standards for the events).

(3) Combat Control Operator Course Standards

a. Assessment: Conducted to gauge student progression and determine advancement potential in preparation for increasing standards.

b. Evaluation: Conducted to gauge student progression and determine advancement potential.

c. Evaluation: Successful completion of progressive standards mandated for graduation

(4) Combat Control Apprentice Course Standards.

a. Assessment: Conducted to gauge student progression in preparation for increased standards.

b. Evaluation: Conducted to gauge progression and determine advancement potential.

c. Evaluation: Successful completion of progressive standards mandated for graduation

(5) Swim Progression Standards.

a. Swims are conducted with fins using leading arm/trailing arm technique only (PAST uses the freestyle or sidestroke without fins).

(6) Rucksack March Progression Standards

a. Assessment: Wearing an issued field uniform, boots, and carrying a 45 lb. load (30 lb. rucksack/ 15 lb. LCE) or 45 lb. rucksack.

b. Assessment: Wearing an issued field uniform, boots, and carrying a 50 lb. load (35 lb. rucksack/ 15 lb. LCE).

c. Evaluation: Wearing an issued field uniform, boots, and carrying a 60 lb. load (40 lb. rucksack/ 20 lb. LCE).

d. Assessment: Wearing an issued field uniform, boots, and carrying a 70 lb. load (50 lb. rucksack/ 20 lb. LCE).

e. Graduation assessment wearing an issued field uniform, boots, and carrying 75lb load (50lb rucksack/ 25lb LCE).

(7) Obstacle Course Progression Standards

Assessment: Complete 90% of obstacles, wearing an issued field uniform and boots.

PART I**Table 6.2 Developmental water skills**

Training Event	CCSC (Lackland)	CCOC (Keesler)	CCS (Pope)	Notes
Under waters	4 x 25m subsurface swims, 2:30 min interval	5 x 25m subsurface swims, 2:15 min interval	6 x 25m subsurface swims, 2:00 min interval	
Drown Proofing	Conduct 1:00 min bobbing, 0:30 min float	Conduct 1:00 min bobbing, 1:00 min float	Conduct 1:00 min bobbing, 1:00 min float and 25m travel	All exercises are with simulated or breakable restraints to position hands behind the back and feet together at the ankles
Knot tying	Single knot series on land	Two knot series on land	Three knot series on land	Square Knot, Bowline and Girth Hitch w/ an extra turn
Mask and snorkel recovery	Recover, don and clear from 0 meters	Recover, don and clear from 10 meters	Recover, don and clear from 15 meters	Distance is the lateral underwater distance from mask location
Buddy Breathing	1:00 min w/snorkel, no mask or harassment	1:30 min w/snorkel, no mask or harassment	1:30 min w/snorkel, no mask and mild harassment	Mild harassment is defined as heavy splashing in the immediate area of the buddy breathing team
Treading water	1:00 min w/hands out of water (wrist level)	1:30 min w/hands out of water (wrist level)	2:00 min w/hands out of water (wrist level)	

Note: Developmental water skills training establishes a progressive water skills familiarization and development plan to build trainee skills in mandatory tasks for 5-level progression. Student participation is mandatory and training should be conducted in a swimming pool not deeper than 13 feet when possible. This training is a developmental target, not a graded criterion throughout the pipeline; assessment is deferred to the end of the apprentice course.

6.2. Five Skill Level Upgrade Requirements. Upon completion of the 3-level pipeline, all 1C231 personnel are assigned to the STTS at Hurlburt Field, FL. For progression to the 5 skill level all personnel must complete the pre-SCUBA training events listed in table 6.3, Combat Dive Qualification Training, Military Freefall (Parachutist) training, mandatory Career Development Courses (CDC), and core and duty position qualification tasks. The STTS incorporates this training into a 12 month upgrade training program for award of the 5-skill level. Individuals in retraining status must complete all mandatory tasks and qualification and a minimum of 9 months in upgrade training.

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Table 6.3. Combat Dive Qualification Training Progression (STTS)

Event	Underwater	Drown proofing	Underwater Knots	Mask & Snorkel Recovery	Buddy Breathing	Equip Recovery	Weight Belt Swim	Tank Tread / IWPs
Week 1	6 x 25 m 2:00 min. interval (1,a)	1 min. each: Bob Float 25 m travel Within 5 front flip Within 5 back flip Within 5 mask recovery 5 bobs Hands feet tied (2,a)	Girth Hitch w/ extra turn :30 sec rest Bowline :30 sec rest Square Knot :30 sec rest (1,a)	10 meter (4,a)	2:00 Mild (5,a)	14 lb. weight belt (6,a)	7 min. w/ 14 lbs. (7,a)	1 min hands up head out tread (8,a)
Week 2	6 x 25 m 1:50 min. interval (1,b)	2:00 Bob 50 m travel Front flip Reverse flip Mask recovery Hands feet tied (2,b)	Girth Hitch w/ extra turn :30 sec rest Bowline :30 sec rest Square Knot :30 sec rest Girth Hitch w/ extra turn and bowline one rope (3,b)	15 meter (4,b)	2:00 Moderate (5, b)	14 lb. weight belt (6, b)	7 min. w/ 14 lbs. (7, b)	2 min hands up head out tread (8, b)
Week 3	6 x 25 m 1:40 min. interval (1, c)	2:00 min. Bob 75 m travel Front flip Reverse flip Mask recovery Hands & Feet Tied (2, c)	Conduct all knots correctly within 10 min. Bowline, Girth hitch w/ extra turn, square knot, 2 kt series- girth w/ extra turn and bowline 1 rope, 3 knot series- bowline, girth w/extra turn, square kt . (3, c)	20 meter (4, c)	2:00 Full (5, c)	14 lb. weight belt (6, c)		30 sec hands up head in, 30 sec head up hands in followed by oral inflation (8, c) 14lb weight belt and tanks
Week 4	1 x 50 m 3:00 min. interval assessment (1, d)	2:00 min. each: Bob Float 100 m travel Front flip Reverse flip Mask recovery Hands & Feet Tied (2, d)	Girth Hitch w/ extra turn :30 sec rest Bowline :30 sec rest Square Knot :30 sec rest Girth Hitch w/ extra turn :30 sec rest 3 knt series bowline, girth w/ extra turn, square knt (3, d)	25 meter (4, d)	2:00 Full (5, d)	14 lb. weight belt (6, d)		45 sec hands up head in tread into 45 sec hands in head up tread followed by oral inflation (8, d) 14 lb. weigh belt and tanks
Week 5	2 x 50 m 3:00 min. interval (1, e)	2:00 min. each: Bob Float 100 m travel Front flip Reverse flip Mask recovery Hands & Feet Tied (2, d)	Girth Hitch w/ extra turn :30 sec rest Bowline :30 sec rest Square Knot :30 sec rest 2 knt series Girth Hitch w/ extra turn with bowline :30 sec rest 3 knt series bowline, girth w/ extra turn, square knt (3, d)	30 meter (4, d)	2:00 Full (5, d)	14 lb. weight belt (6, d)		1:00 min hands up head in tread into 1:00 min hands in head up tread followed by oral inflation 14 lb. w tanks

The progressive water skills training in table 6.3 and the notes below are designed to build water confidence related to the ST mission set and to ensure successful graduation at AFCDL.

(1) Underwaters:

a. Assessment: Wearing a Mask, students will conduct six (6) underwaters (key hole stroke) at a distance of 25 meters, utilizing a 2::30 interval.

b. Assessment: Wearing a Mask, students will conduct six (6) underwaters (key hole stroke) at a distance of 25 meters, utilizing a 2::15 interval.

c. Assessment: Wearing a Mask, students will conduct six (6) underwaters (key hole stroke) at a distance of 25 meters, utilizing a 2::00 interval and within the week conduct at least one (1) underwater (key hole stroke) at a distance of 50 meters, utilizing a 3::00 minute interval.

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d. Evaluation: Wearing a Mask, students will conduct six (6) underwater (key hole stroke) at a distance of 25 meters, utilizing a 1::45 interval.

e. Evaluation: Wearing a Mask, students will conduct one (1) underwater (key hole stroke) at a distance of 50 meters, utilizing a 3::00 interval for failed attempts.

(2) Drown Proofing:

a. Assessment: Utilizing a mask, the students will bob for 1::00, float for 1::00, travel for 25 meters and bob 10 times. Upon completion, the students will practice their front flip, back flip and mask recovery bobbing for five consecutive times with the mask in their teeth.

b. Assessment: Utilizing a mask and rope, the students will tie their feet, bob for 1::30, float for 1::30, travel for 50 meters, bob a maximum of 10 times, complete a front flip, bob a maximum of 5 times, complete a back flip, bob a maximum of 5 times, retrieve their mask with their teeth and bob 5 consecutive times.

c. Assessment: Utilizing a mask and ropes, the students will tie their hands and feet, bob for 2::00, float for 2::00, travel for 75 meters, bob a maximum of 10 times, complete a front flip, bob a maximum of 5 times, complete a back flip, bob a maximum of 5 times, retrieve their mask with their teeth and bob 5 consecutive times.

d. Evaluation: Utilizing a mask and ropes, the students will tie their hands and feet, bob for 2::00, float for 2::00, travel for 100 meters, bob a maximum of 10 times, complete a front flip, bob a maximum of 5 times, complete a back flip, bob a maximum of 5 times, retrieve their mask with their teeth and bob 5 consecutive times.

(3) Knots:

a. Assessment: Utilizing a mask and two ropes the students will go subsurface and tie the bowline. Once complete the student will return to surface and rest for 00::30. Next the student will go subsurface and tie the girth hitch with an extra turn. The students will the return to the surface and rest for 00::30. Finally, the student will go subsurface and will tie the two ropes utilizing the square knot.

b. Assessment: Utilizing a mask and two ropes the students will go subsurface and tie the bowline. Once complete the student will return to surface and rest for 00::30. Next the student will go subsurface and tie the girth hitch with an extra turn. The students will the return to the surface and rest for 00::30. Finally, the student will go subsurface and will tie the two ropes utilizing the square knot.

c. Assessment: Utilizing a mask and two ropes the students will go subsurface and tie the bowline. Once complete the student will return to surface and rest for 00::30. Next the student will go subsurface and tie the girth hitch with an extra turn. The students will the return to the surface and rest for 00::30. Finally, the student will go subsurface and will tie the two ropes utilizing the square knot. Once complete, the students will go subsurface, untie their knots and return to the surface to rest for 00::30. Next the students will go subsurface and tie one of the first three knots. Once done, the student will return to the surface and rest for 00::30. Lastly, the student will go subsurface and tie one of the remaining knots from the three previously described. When complete, the student will return to the surface and rest for 00::30. Once grading is complete, the students will go

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subsurface and untie all remaining ropes and return to the surface where the exercise will end.

d. Evaluation: Utilizing a mask and two ropes the students will go subsurface and tie the bowline. Once complete the student will return to surface and rest for 00::30.

Next the student will go subsurface and tie the girth hitch with an extra turn. The students will then return to the surface and rest for 00::30. Finally, the student will go subsurface and will tie the two ropes utilizing the square knot. Once complete, the students will go subsurface, untie their knots and return to the surface to rest for 00::30. Next the students will go subsurface and tie one of the first three knots.

Once done, the student will return to the surface and rest for 00::30. Lastly, the student will go subsurface and tie one of the remaining knots from the three previously described. When complete, the student will return to the surface and rest for 00::30. Once grading is complete, the students will go subsurface and untie all remaining ropes and return to the surface where the exercise will end.

(4) Mask and Snorkel recovery:

a. Assessment: Utilizing a mask and snorkel, the students will perform a 10 meter underwater, retrieve mask and snorkel, clear their mask at the bottom of the pool and perform a controlled ascent to the surface ensuring there are no twist in their straps and no water in their mask.

b. Assessment: Utilizing a mask and snorkel, the students will perform a 15 meter underwater, retrieve mask and snorkel, clear their mask at the bottom of the pool and perform a controlled ascent to the surface ensuring there are no twist in their straps and no water in their mask.

c. Assessment: Utilizing a mask and snorkel, the students will perform a 20 meter underwater, retrieve mask and snorkel, clear their mask at the bottom of the pool and perform a controlled ascent to the surface ensuring there are no twist in their straps and no water in their mask.

d. Evaluation: Utilizing a mask and snorkel, the students will perform a 25 meter underwater, retrieve mask and snorkel, clear their mask at the bottom of the pool and perform a controlled ascent to the surface ensuring there are no twist in their straps and no water in their mask.

(5) Buddy breathing:

a. Assessment: Utilizing masks, snorkels and two students, the team will breathe off of one snorkel, one breath at a time, while maintaining positive control of their buddy. The event will last 2::00 with mild stressors consisting of removing mask, intense splashing, and frequent grip checks on both buddy teams as well as snorkel. No breaths will be taken. Students will remain underwater for the entire duration utilizing the snorkel as their only source of air.

b. Assessment: Utilizing masks, snorkels and two students, the team will breathe off of one snorkel, one breath at a time, while maintaining positive control of their buddy. The event will last 2::00 with moderate stressors consisting of removing mask, intense splashing, and frequent grip checks on buddy teams as well as snorkel, dunking the

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students subsurface not to exceed 5 feet underwater. No more than one consecutive breath will be denied from each student before a breath is given. Students will remain underwater for the entire duration utilizing the snorkel as their only source of air.

c. Assessment: Utilizing masks, snorkels and two students, the team will breathe off of one snorkel, one breath at a time, while maintaining positive control of their buddy. The event will last 2::00 with full stressors consisting of removing mask, intense splashing, and frequent grip checks on buddy teams as well as snorkel, dunking the students subsurface to the pool bottom, shaking, and rolling. No more than two consecutive breaths will be denied from each student before a breath is given. Students will remain underwater for the entire duration utilizing the snorkel as their only source of air.

d. Evaluation: Utilizing masks, snorkels and two students, the team will breathe off of one snorkel, one breath at a time, while maintaining positive control of their buddy. The event will last 2::00 with full stressors consisting of removing mask, intense splashing, and frequent grip checks on buddy teams as well as snorkel, dunking the students subsurface to the pool bottom, shaking, and rolling. No more than two consecutive breaths will be denied from each student before a breath is given. Students will remain underwater for the entire duration utilizing the snorkel as their only source of air.

(6) Equipment recovery:

a. Assessment: Utilizing buoyancy compensators (BC's) mask, 8lb weight belt and fins, students will be instructed to push off the wall and begin treading water. On the command of ditch your equipment, the students will go subsurface and begin to remove their gear in the following order; in the seated position the student will remove their fins and place them side by side, lean back and remove their weight belt, then remove their mask and place it, face plate down, under their weight belt.

The students will then ensure that their fins are making two points of contact, evenly aligned and the edge of their mask will be parallel with the cups of the fins.

Once complete, the students will ascend with a controlled ascent. After instructors grade the event, the students will be given the command to retrieve their gear. Once the command is sent, the students will go subsurface, secure their mask, lean back and don their weight belt, place both fins on their feet then clear their mask and come to the surface using a controlled ascent. Once on the surface the students will immediately fin to the side of the pool for inspection of proper donning procedures.

b. Assessment: Utilizing buoyancy compensators (BC's) mask, 10lb weight belt and fins, students will be instructed to push off the wall and begin treading water. On the command of ditch your equipment, the students will go subsurface and begin to remove their gear in the following order; in the seated position the student will remove their fins and place them side by side, lean back and remove their weight belt, then remove their mask and place it, face plate down, under their weight belt.

The students will then ensure that their fins are making two points of contact, evenly aligned and the edge of their mask will be parallel with the cups of the fins. Once complete, the students will ascend with a controlled ascent.

After instructors grade the event, the students will be given the command to retrieve their gear. Once the command is sent, the students will go subsurface, secure their mask, lean

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back and don their weight belt, place both fins on their feet then clear their mask and come to the surface using a controlled ascent. Once on the surface the students will immediately fin to the side of the pool for inspection of proper donning procedures.

c. Assessment: Utilizing buoyancy compensators (BC's) mask, 12lb weight belt and fins, students will be instructed to push off the wall and begin treading water. On the command of ditch your equipment, the students will go subsurface and begin to remove their gear in the following order; in the seated position the student will remove their fins and place them side by side, lean back and remove their weight belt, then remove their mask and place it, face plate down, under their weight belt.

The students will then ensure that their fins are making two points of contact, evenly aligned and the edge of their mask will be parallel with the cups of the fins.

Once complete, the students will ascend with a controlled ascent. After instructors grade the event, the students will be given the command to retrieve their gear. Once the command is sent, the students will go subsurface, secure their mask, lean back and don their weight belt, place both fins on their feet then clear their mask and come to the surface using a controlled ascent. Once on the surface the students will immediately fin to the side of the pool for inspection of proper donning procedures.

d. Evaluation: Utilizing buoyancy compensators (BC's) mask, 14lb weight belt and fins, students will be instructed to push off the wall and begin treading water. On the command of ditch your equipment, the students will go subsurface and begin to remove their gear in the following order; in the seated position the student will remove their fins and place them side by side, lean back and remove their weight belt, then remove their mask and place it, face plate down, under their weight belt.

The students will then ensure that their fins are making two points of contact, evenly aligned and the edge of their mask will be parallel with the cups of the fins.

Once complete, the students will ascend with a controlled ascent. After instructors grade the event, the students will be given the command to retrieve their gear. Once the command is sent, the students will go subsurface, secure their mask, lean back and don their weight belt, place both fins on their feet then clear their mask and come to the surface using a controlled ascent. Once on the surface the students will immediately fin to the side of the pool for inspection of proper donning procedures.

(7) Weight Belt Swim:

a. Assessment: Utilizing buoyancy compensators (BC's) mask, 8lb weight belt and fins, students will swim the circumference of the pool utilizing the lead arm trailing arm, or under water recovery strike for duration of 5::00.

b. Assessment: Utilizing buoyancy compensators (BC's) mask, 10lb weight belt and fins, students will swim the circumference of the pool utilizing the lead arm trailing arm, or under water recovery strike for duration of 5::00.

c. Assessment: Utilizing buoyancy compensators (BC's) mask, 12lb weight belt and fins, students will swim the circumference of the pool utilizing the lead arm trailing arm, or under water recovery strike for duration of 5::00.

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d. Evaluation: Utilizing buoyancy compensators (BC's) mask, 14lb weight belt and fins, students will swim the circumference of the pool utilizing the lead arm trailing arm, or under water recovery strike for duration of 5::00.

(8) Weight belt tread/In Water Proficiency (IWP) Exam:

a. Assessment: Assessment: Utilizing buoyancy compensators (BC's) mask, 8lb weight belt and fins, students will tread water for three intervals consisting of 3::00, 2::00, and 1::00 with 1::00 active recovery in between each interval.

b. Assessment: Assessment: Utilizing buoyancy compensators (BC's) mask, 10lb weight belt and fins, students will tread water for three intervals consisting of 5::00, 4::00, and 3::00 with 1::00 active recovery in between each interval.

c. Assessment: Utilizing buoyancy compensators (BC's) mask, 12lb weight belt, fins and empty twin 80 tanks, students will perform IWPs as laid out by AFCDC, followed by treading water for 3::00.

d. Evaluation: Utilizing buoyancy compensators (BC's) mask, 12lb weight belt, fins and empty twin 80 tanks, students will perform IWPs as laid out by the Air Force Combat Diver Course, followed by treading water for 1::00.

6.3. Seven Skill Level Upgrade Requirements. Individuals must be an SSgt, complete all core and duty position qualification tasks and complete the minimum 12 months in upgrade training for award of the 7 skill-level. Individuals in retraining status must complete a minimum of 6 months in upgrade training.

6.4. Re-qualification Training. Combat Control personnel returning to the career field and who have not practiced Combat Control skills for more than five years will complete requalification training IAW AFI 13-219 Volume I, *Combat Control and Special Tactics Officer Training*, and meet the following requirements:

6.4.1. Physical qualification for air traffic controller duty, marine diving duty, and parachuting duty IAW AFI 48-123, *Medical Examination and Standards*.

6.4.2. Complete physiological training IAW AFI 11-403, *Aerospace Physiological Training*.

6.4.3. Eligibility for a top secret security clearance IAW AFI 31-501, *Personnel Security Program Management*.

6.5. Retraining. 3-Skill Level Requirements. Active duty retrainees must attend the CCT retraining assessment program hosted by the 24 SOW (AFSOC) before entering the CCT 3-skill level training pipeline. ANG guard retrainees will be assessed through the Prior Service accession program. Retrainees must attend the 3-skill level resident training course. On a case-by-case basis, with proper justification, the CFM may waive the skill upgrade experience times to the previously held skill level, but not the academic requirements for re-trainees. Process waiver requests in accordance with AFI 36-2201.

6.6. Proficiency Training. Additional knowledge and skill requirements that are not taught during initial skills or upgrade training are assigned for continuation training. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade requirements with emphasis on present and future duty positions.

6.7. Technical Training Instructors:

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6.7.1. Combat Control trainees receive extensive technical and employment skills training while assigned to apprentice, journeyman, and specialty qualification training courses. To successfully complete these courses, trainees must maintain a high degree of physical fitness. Combat Control instructors instruct, train, assist, motivate, coach and monitor the trainee's academic performance and physical training. Instructors evaluate student physical training to ensure pipeline progression training success. Instructors operate at the following locations:

350 BA TS, Combat Control Selection Course, JBSA-Lackland, TX

350 BA TS, Det 1, Air Force Combat Diver Course, NSA Panama City, FL

352 BA TS, Combat Control Apprentice Course, Pope Field, NC

OL-B 350 BA TS, Military Freefall Course, Yuma, AZ

OL-A 352 BA TS Combat Control Operator Course (ATC), Keesler AFB, MS

Special Tactics Training Squadron, Hurlburt Field, FL

Det 1, STTS, Special Operations Terminal Attack Control Course (SOTACC), Hurlburt Field, FL

6.7.2. Combat Control technical training instructors are fully qualified Combat Controllers who maintain minimum operational proficiency (static line/freefall parachuting, demolitions, and dive currency). These instructors are responsible to their respective Commanders for the operation of their Combat Control technical training functions.

6.7.3. Commanders are responsible for providing assigned Combat Control instructors with the facilities, time and resources to conduct student leadership/management, conduct/develop progressive physical training (both students and instructors), as well as providing resources for them to maintain requirements listed in AFI 13-219 Vol I and II.

6.7.4. Combat Control technical training instructors must ensure graduating pipeline trainees are prepared to meet the entry-level requirements for follow-on training courses. Instructors ensure Combat Control trainees participate in regimented physical training (Table 6.1) while in the training pipeline.

6.7.5. The Combat Control Selection Course will establish, manage and forward training documentation (TTMS, folders, etc.) on all trainees to the Combat Control Operators Course (ATC) who will then in-turn forward folders to the Combat Control Apprentice Course as students graduate respective courses. These folders will include, but are not limited to, copies of TDY/PCS orders, aeronautical orders, diplomas, physical training evaluations, counseling documentation, and AF Form 1042(s). The Combat Control Apprentice Course will forward all student-training folders to the STTS upon completion of apprentice training.

7. Community College of the Air Force (CCAF) Academic Programs. Airmen are automatically enrolled in CCAF upon completion of basic military training. CCAF is one of several federally chartered degree-granting institutions; however, it's the only 2-year institution exclusively serving military enlisted personnel. The college is regionally accredited through Air University by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award Associate of Applied Science (AAS) degrees designed for specific Air Force occupational specialties and is the largest multi-campus community college in the world. Upon completion of basic military training and assignment to an AF career field, all enlisted

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personnel are registered in a CCAF degree program and are afforded the opportunity to obtain an AAS degree. In order to be awarded, degree requirements must be successfully completed before the Airman separates/retires from the Air Force or is commissioned as an officer. See the CCAF website: <http://www.au.af.mil/au/barnes/ccaf/> for details regarding the AAS degree programs: In addition to its Associates degree program, CCAF offers the following programs. Complete details can be found at <http://www.au.af.mil/au/barnes/ccaf/certifications.asp>. In addition to its degree program, CCAF offers the following:

7.1. CCAF Degree Completion Requirements (64 Semester Hours). The Airway Sciences Associates Degree (4VGA) applies to the 1C2X1 AFSC. Prior to completing a CCAF degree, the individual must be awarded a 5-level and the following requirements must be met:

<u>Course</u>	<u>Semester Hours (SH)</u>
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15*
Program Elective	15*
Total	64

*Note: The Paralegal degree requires 18 semester hours (SH) of general education (addition of a 3 SH general education elective) and 12 SH of program elective. Attaining the journeyman (5) level is waived for students in occupational specialties that do not have journeyman levels (3N2X1, 3S1X1, 3S3X1, 7S0X1).

7.1.1. Technical Education. (24 semester hours) Completion of the career field apprentice course satisfies some semester hours of the technical education requirements. A minimum of 24 semester hours of Technical Core subjects/courses must be applied and the remaining semester hours applied from Technical Core/Technical Elective courses. Some academic degree programs have specific technical education requirements. Refer to the CCAF General Catalog for specific degree requirements for your specialty.

7.1.2. Leadership, Management, and Military Studies (6 Semester Hours): Enlisted Professional Military Education (EPME) and/or civilian management courses.

7.1.3. Physical Education (4 Semester Hours): This requirement is satisfied by completion of Basic Military Training.

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

7.1.5. Program Elective (15 semester hours). Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects/courses, including natural science courses meeting GER application criteria. A maximum of nine semester hours of CCAF degree applicable technical credit otherwise not applicable to the program of enrollment

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may be applied. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

7.1.6. Residency Requirement (16 Semester Hours): Satisfied by credit earned for coursework completed in an affiliated school or through internship credit awarded for progression in an Air Force occupation specialty. Enlisted members attending Army, Navy, and/or DOD initial or advanced training do not receive resident credit since these schools are not part of the CCAF system. However, the college awards proficiency credit to AF enlisted members completing these courses. Note: Physical education credit awarded for basic military training is not resident credit.

7.2. Professional Certifications. Certifications assist the professional development of our Airmen by broadening their knowledge and skills. Additionally, specific certifications may be awarded collegiate credit by CCAF and civilian colleges, saving time and Air Force tuition assistance funds. It also helps airmen to be better prepared for transition to civilian life. To learn more about professional certifications and certification programs offered by CCAF, visit <http://www.au.af.mil/au/barnes/ccaf/certifications.asp>. In addition to its associate degree program, CCAF offers the following certification programs and resources:

7.2.1. CCAF Instructor Certification (CIC) Program. CCAF offers the three-tiered CIC Program for qualified instructors teaching at CCAF affiliated schools who have demonstrated a high level of professional accomplishment. The CIC is a professional credential that recognizes the instructor's extensive faculty development training, education and qualification required to teach a CCAF course, and formally acknowledges the instructor's practical teaching experience.

7.2.2. CCAF Instructional Systems Development (ISD) Certification Program. CCAF offers the ISD Certification Program for qualified curriculum developers and managers who are formally assigned at CCAF affiliated schools to develop and manage CCAF collegiate courses. The ISD Certification is a professional credential that recognizes the curriculum developer's or manager's extensive training, education, qualifications and experience required to develop and manage CCAF courses. The certification also recognizes the individual's ISD qualifications and experience in planning, developing, implementing and managing instructional systems.

7.2.3. CCAF Professional Manager Certification (PMC). CCAF offers the PMC Program for qualified Air Force NCO's. The PMC is a professional credential awarded by CCAF that formally recognizes an individual's advanced level of education and experience in leadership and management, as well as professional accomplishments. The program provides a structured professional development track that supplements Enlisted Professional Military Education (EPME) and Career Field Education and Training Plan (CFETP).

7.3. Air Force Credentialing Opportunities On-Line (AF COOL) Program. AF COOL replaced the CCAF Credentialing and Education Research Tool (CERT). The AF COOL Program can be accessed at <https://afvec.langley.af.mil/afvec/Public/COOL/Default.aspx>. The site provides a research tool designed to increase an Airman's awareness of national professional credentialing and CCAF education opportunities available for all Air Force occupational specialties. The AF COOL Program also provides information on specific occupational specialties, civilian occupational equivalencies, CCAF degree programs, and AFSC-related national professional credentials available to enlisted members through credentialing agencies and professional organizations. The AF COOL Program contains a variety of information about credentialing and licensing and can be used to:

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7.3.1. Get background information about civilian licensure and certification in general and specific information on individual credentials including eligibility requirements and resources to prepare for an examination.

7.3.2. Identify licenses and certifications relevant to an AFSC.

7.3.3. Learn how to fill gaps between Air Force training and experience and civilian credentialing requirements.

7.3.4. Get information on Tuition Assistance and GI Bill eligible funding opportunities to pay for credentialing examinations and associated fees.

7.3.5. Learn about resources available to you that can help gain civilian job credentials.

PART I**8. Career Field Path.****8.1. Manpower Table**

TOTAL	CMSgt	SMSgt	MSgt	TSgt	SSgt	SrA	AB-A1C
Authorized	12	19	111	160	203	72	31

8.2. Enlisted Career Path.

EDUCATION AND TRAINING REQUIREMENTS	GRADE REQUIREMENTS			
	RANK	AVERAGE SEW-ON	EARLIEST SEW-ON	HIGH YEAR OF TENURE (HYT)
BASIC MILITARY TRAINING SCHOOL	-	-	-	-
APPRENTICE TECHNICAL SCHOOL (3-SKILL LEVEL)	Amn A1C SrA	6 months 16 months 28 months	(6 yr. enlistee)	
UPGRADE TO JOURNEYMAN (5-SKILL LEVEL) - Minimum 12 months OJT. (9 months retrainees) - Complete CDC 1C251A & 1C251B. - Complete STTS Journeyman Course	A1C SrA	3 years	28 months (6 yr. enlistee)	8 Years
AIRMAN LEADERSHIP SCHOOL (ALS) - Must be a SrA with 48 months time in service or be a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).	TRAINER - Trainer must be certified on the task, recommended by the supervisor, appointed in writing by the commander and must attend the formal Air Force Training course			
UPGRADE TO CRAFTSMAN (7-SKILL LEVEL) - Minimum rank of SSgt. - 12 months OJT. (6 months retrainees)	SSgt	5 years	3 years	15 Years
CERTIFIER IAW the Feb 05 version of AFI 36-2201 para. 7.8.1.3.5, the 1C2 CFM has determined that certifier's initials are no longer required.				
NONCOMMISSIONED OFFICER ACADEMY (NCOA) - Must be a TSgt or TSgt Selectee. - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only).	TSgt	11 years	5 years	20 Years
USAF SENIOR NCO ACADEMY (SNCOA) - Must be a MSgt. - Resident graduation is a prerequisite for SMSgt sew-on (Active Duty Only).	MSgt	17 years	8 years	24 Years
	SMSgt	21 years	11 years	26 Years
UPGRADE TO SUPERINTENDENT (9-SKILL LEVEL) - Minimum rank of SMSgt.	CMSgt	24 years	14 years	30 Years

8.3. Duty Positions and Locations: Combat Controllers operate from Seven CONUS (5 Active and 2 ANG) and two overseas squadrons. The CONUS squadrons are:

- a. 21 STS, Pope Army Air Field, NC
- b. 22 STS, JB Lewis-McChord, WA
- c. 23 STS, Hurlburt Field, FL
- d. 24 STS, Pope Army Air Field, NC
- e. 26 STS, Cannon AFB, NM

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- f. 123 STS, Kentucky ANG, Louisville KY
- g. 125 STS, Oregon ANG, Portland OR
- h. 720 OSS, Hurlburt Field, FL
- i. 724 OSS, Pope Army Air Field, NC

8.3.1. The overseas squadrons are:

- a. 320 STS, Kadena Air Base, Japan
- b. 321 STS, RAF Mildenhall, England.

8.3.2. Each of these squadrons consists of Troop members, Troop leaders, flight chiefs, senior or chief enlisted managers, and unit staff positions.

8.3.3. AETC staff and instructor staff positions are assigned in various locations. Each of these squadrons consists of Instructors, Supervisors, senior or chief enlisted managers, and unit staff positions. They are:

- a. HQ AETC/A3TB, JBSA-Randolph, TX
- b. 2 AF/TTOC, Keesler AFB, MS
- c. BA TG JBSA-Lackland, TX
- d. BA TG Det 1, JBSA-Lackland, TX
- e. 350 BA TS, Combat Control Selection Course, JBSA-Lackland, TX
- f. Det 1, 350 BA TS, Air Force Combat Diver Course, NSA Panama City, FL
- g. OL-B 350 BA TS, Military Freefall Course, Yuma, AZ
- h. OL-A 352 BA TS Combat Control Operator Course (ATC), Keesler AFB, MS
- i. 352 BA TS, Combat Control Apprentice Course, Pope Army Air Field, NC

8.3.4. The Special Tactics staff, liaison and instructor positions are located at:

- a. HQ AFSOC, Hurlburt Field, FL
- b. 24 Special Operations Wing, Hurlburt Field, FL
- c. 720th Special Tactics Group, Hurlburt Field, FL
- d. 724th Special Tactics Group, Ft Bragg, NC
- e. Special Tactics Training Squadron, Hurlburt Field, FL
- f. 24 SOW OL-A, JBSA-Lackland, TX
- g. 352nd Special Operations Wing, RAF Mildenhall, England
- h. 353rd Special Operations Group, Kadena AB, Japan
- i. HQ AFSOC OL-A, Walter Reed Medical Center, MD
- j. 720 OSS OL-B, Nellis AFB, NV

8.3.5. Career Field Manager (CFM), support operations liaisons and instructor positions are located at:

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- a. HQ USAF/Pentagon, Washington DC
- b. HQ USSOCOM, MacDill AFB, FL
- c. HQ SOCCENT, MacDill AFB, FL
- d. HQ SOCPAC, Camp Smith, HI
- e. HQ SOCSOUTH, Homestead AFB, FL
- f. HQ SOCAFRICA, Mohigren, GE
- g. HQ SOCEUR, Stuttgart, GE
- h. HQ USSOCOM, JBSA-Ft Sam Houston, TX

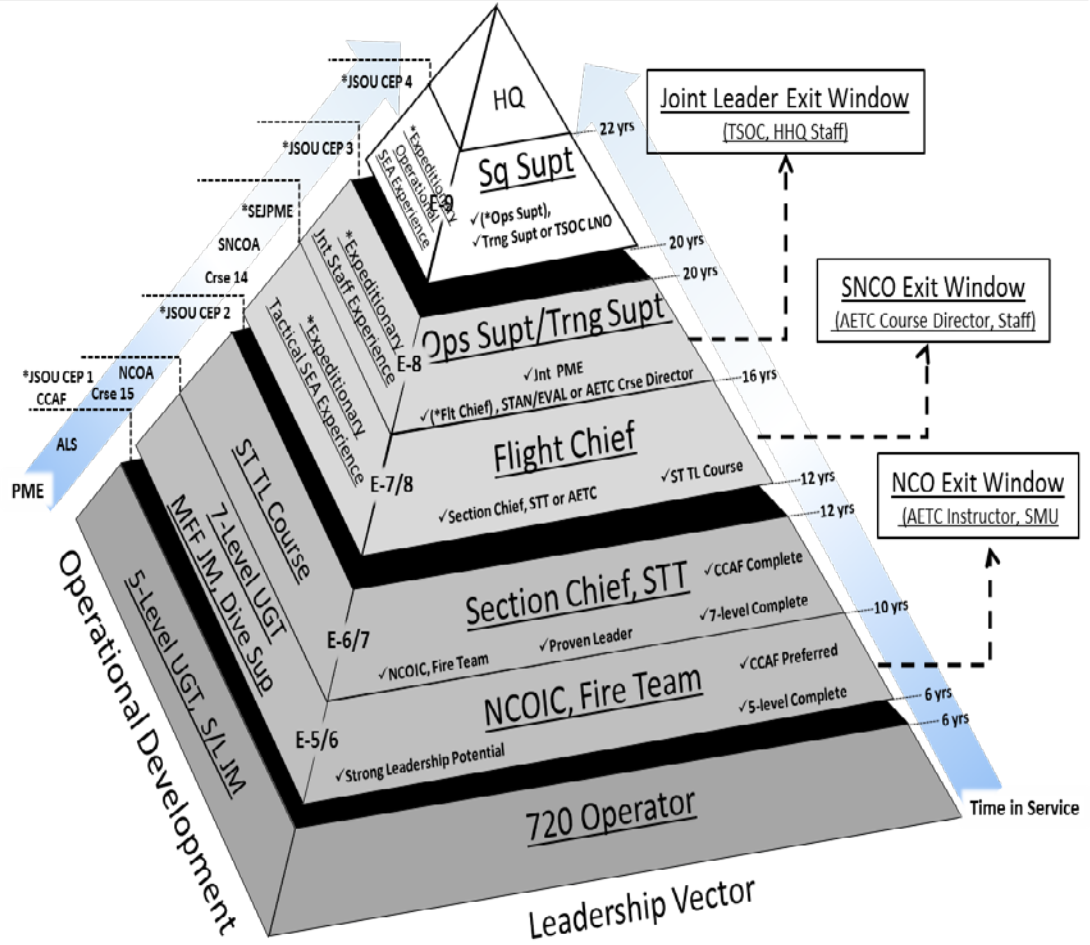
8.4. Combat Control Progression Path

COMBAT CONTROL PROGRESSION PATH				
GRADE SKILL LEVEL	DUTY POSITION(S)	FORMAL TRAINING	PROFESSIONAL MILITARY EDUCATION	OFF-DUTY EDUCATION
1ST TERM - SRA 3-LEVEL	Operator	STTS Combat Diver Military Freefall 5 Level CDC OJT Upgrade Training	ALS	As Duty Permits
CAREER - SRA 5-LEVEL	Operator Fire Team Leader AETC Instructor Special Missions Unit	SOTACC S/L Jumpmaster Rope Master	ALS (ANG via correspondence) *JSOU CEP 1	As Duty Permits
SSGT 7-LEVEL	Operator Fire Team Leader AETC Instructor STTS Instructor Special Missions Unit Unit Staff	ATC Tower Certification HALO Jumpmaster Dive Supervisor Survey Course Team Leader Course	*WEPTAC	CCAF (recommended)
TSGT 7-LEVEL	Team Chief Supervisor AETC Instructor STTS Instructor Special Missions Unit Unit Staff MAJCOM/Group Staff	JTAC Instructor Stan/Eval Evaluator WEPTAC	NCOA	CCAF (recommended)
MSGT 7-LEVEL	Troop Chief Section Chief NCOIC, Unit Staff Instructor/Supervisor MAJCOM/Group Staff Joint Staff Stan/Eval Evaluator WEPTAC	Joint Spec Ops Planning Workshops Rescue Coordination Controller Course	SNCOA Correspondence *JSOU CEP 2 In Residence *SEJPME	Complete CCAF Degree (recommended)
SMSGT 9-LEVEL	Superintendent Squadron Superintendent Operations Chief School Commandant Supt, Unit Staff MAJCOM/Group Staff Joint Staff	N/A	*JSOU CEP 3	N/A
CMSGT 00-LEVEL	Squadron Senior Enlisted Advisor Group Superintendent MAJCOM FAM Joint Leader Career Field Manager	N/A	*JSOU CEP 4	N/A

***=Premier Developmental Positions/Courses**

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720th STG Enlisted Operator Development



*=Premier Developmental Positions/Courses

PART I**SECTION C - SKILL LEVEL TRAINING REQUIREMENTS**

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

10. Specialty Qualification:**10.1. Apprentice Level Training:****10.1.1. Specialty Qualification.**

10.1.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems, radio frequency theory, and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS) and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; Alternate Insertion and Extraction (AIE) methods; parachute procedures and equipment; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.1.1.2. Education. Completion of high school is desirable.

10.1.1.3. Training. Completion of the following courses are mandatory for award of AFSC 1C231:

- a. Combat Control Selection Course
- b. Combat Control Operator Course (Air Traffic Control)
- c. Airborne (static-line parachute)
- d. Combat Survival
- e. Combat Control Apprentice Course
- f. Combat Diver qualification training and Military Freefall (Parachutist) qualification training are 3-skill level training requirements that are currently not accomplished until the individuals graduate from Combat Control School, are awarded their 3-skill level and are assigned to the STTS to attend the STTS. All individuals must successfully complete the Combat Diver Qualification Course and Military Freefall (Parachutist) qualification training to be awarded their 5-skill level.

10.1.1.4. Experience. Not applicable.

10.1.1.5. Other. The following are mandatory as indicated:

10.1.1.5.1. For entry, award, and retention of AFSCs 1C211/31, physical qualification for air traffic controller duty, marine diving duty, and parachute duty according to AFI 48-123, *Medical Examination and Standards*.

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10.1.1.5.2. For entry, award, and retention of AFSCs 1C211/31 qualification to bear firearms according to AFI 31-207, *Arming and Use of Force By Air Force Personnel*, AFI 36-2226, *Combat Arms Training and Maintenance (CATM)* and AFI 13-219 Volume I, *Combat Control and Special Tactics Officer Training*.

10.1.1.5.3. For entry into this specialty, successful completion of the physical ability and stamina test (PAST) for NPS Airman and Prior Service Airman. Active duty retrainees must complete the CCT retraining assessment program and be approved by the AFCFM.

10.1.1.5.4. For award and retention of AFSC 1C231, eligibility for a Secret security clearance according to AFI 31-501, *Personnel Security Management Program*.

10.1.1.5.5. For award and retention of AFSC 1C231, qualification as static line parachutist.

10.1.1.5.6. For award of AFSC 1C231, physical qualification and maintenance of personal physical standards as defined in Table 6.1 of this CFETP and retention of AFSC 1C231 maintenance of personal physical standards as defined in AFI 13-219 Volume II, *Combat Control and Special Tactics Officer Standards*.

10.1.2. Training Sources/Resources. See Paragraph 10.1.1.3.

10.1.3. Implementation. Personnel assigned to the 1C211 AFSC will be enrolled and complete all mandatory training pipeline courses IAW with paragraph 10.1.1.3. Upon successful completion of all courses personnel will be awarded the 1C231 AFSC and be assigned to the STTS for journeyman training.

10.2. Journeyman Level Training:**10.2.1. Specialty Qualification.**

10.2.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems radio frequency theory, and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS), UAVs and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; alternate insertion and extraction (AIE) methods; parachute procedures and equipment; jump master training; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.2.1.2. Education. Completion of high school is desirable.

10.2.1.3. Training. Completion of CDCs 1C251A and 1C251B and 5-level tasks identified in Part II of this publication are mandatory for award of the 5-level. Combat Diver qualification training (LCAZP1XXXX01CA) and Military Freefall Parachutist (L9AZA1XXXX 0F1A) or equivalent qualification training are 3-skill level training requirements that are currently not accomplished until the individuals graduate from Combat Control School, are awarded their 3-skill level and are assigned to the STTS. All individuals must successfully complete the Combat Diver Qualification Course and Military Freefall (Parachutist) qualification training to be awarded their 5-skill level.

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10.2.1.4. Experience. The following experience is mandatory for award of AFSC 1C251:

10.2.1.4.1. Qualification in and possession of AFSC 1C231. Also, experience in reconnaissance, terminal control, and combat enabling tasks.

10.2.1.5. Other. The following are mandatory as indicated.

10.2.1.5.1. For entry, award, and retention of AFSC 1C251, physical qualification for air traffic controller duty, marine diving duty, and parachute duty according to AFI 48-123.

10.2.1.5.2. For entry, award, and retention of AFSC 1C251, qualification to bear firearms IAW AFI 31-207, AFI 36-2226 and AFI 13-219 Volume I.

10.2.1.5.3. For award and retention of AFSC 1C251, eligibility for a Top Secret security clearance according to AFI 31-501.

10.2.1.5.4. For award and retention of AFSC 1C251:

10.2.1.5.4.1. Qualification as a static line and military freefall parachutist, and as a military scuba diver.

10.2.1.5.4.2. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219 Volume II.

10.2.2. Training Sources/Resources. Combat Diver and Military Freefall (Parachutist) qualification courses. CDCs 1C251A and 1C251B which are administered by ECI. STS tasks required for qualification of the 5-skill level. The STTS administered by the STTS. A list of training courses that support this career field is contained in Part II, Section C of this CFETP.

10.2.3. Implementation. Upon completion of the 1C211 training pipeline and award of the 1C231 AFSC all personnel will be assigned to the STTS, enrolled in the STTS and entered into upgrade training for completion of 5-level UGT requirements. Personnel will be awarded the 5-level upon completion of all requirements IAW paragraph 10.2.1.3 and 10.2.1.5, and other duty position tasks identified by the supervisor. Members must complete a minimum of 12 months in UGT, meet all previous identified requirements, be recommended by their supervisor and approved by their commander. Individuals in retraining status are subject to the same training requirements and must complete a minimum of 9 months in UGT. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

10.3. Craftsman Level Training:**10.3.1. Specialty Qualification.**

10.3.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems radio frequency theory, and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS) and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; alternate insertion and extraction (AIE) methods; parachute procedures and equipment; jump master procedures; dive supervisor procedures; small unit

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tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.3.1.2. Education. Completion of high school is desirable.

10.3.1.3. Training. Qualification training as a Joint Terminal Attack Controller, Surveyor, Team Leader, Static Line Parachutist Jumpmaster, Military Freefall Parachutist Jumpmaster, Dive Supervisor, and UAS operations training provides advanced skills for professional development, but is not mandatory for skill level upgrade.

10.3.1.4. Experience. The following experience is mandatory for award of AFSC 1C271:

10.3.1.4.1. Qualification in and possession of AFSC 1C251, experience performing or supervising duties involving actual air traffic deployment and control, UAS's and Combat Control activities.

10.3.1.5. Other. The following are mandatory as indicated:

10.3.1.5.1. For entry, award, and retention of AFSC 1C271, physical qualification for air traffic controller duty, marine diving duty, and parachuting duty according to AFI 48-123.

10.3.1.5.2. For entry, award and retention of AFSC 1C271, qualification to bear firearms IAW AFI 31-117, AFI 36-2226 and AFI 13-219 Volume I.

10.3.1.5.3. For award and retention of AFSC 1C271 eligibility for a Top Secret security clearance according to AFI 31-501.

10.3.1.5.4. For award and retention of AFSC 1C271:

10.3.1.5.4.1. Qualification as a static line and military freefall parachutist, and as a scuba diver.

10.3.1.5.4.2. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219 Volume II.

10.3.2. Training Sources/Resources. The STS identifies tasks required for qualification of the 7-level. A list of training courses that support this career field is in Part II, Section C of this CFETP.

10.3.3. Implementation. Be at least a staff sergeant (SSgt), complete mandatory CDCs, core tasks identified in the CFETP and other duty position tasks identified by the supervisor, meet mandatory requirements listed in the specialty description in AFECD, complete a minimum of 12 months in training, recommendation by their supervisor and approval by their commander for award of the 7-skill level. Individuals in retraining status are subject to the same training requirements and a minimum of 6 months in UGT. Entry is effective 1 September each year if an individual is selected for SSgt (exception: STEP promotees, retrainees, and ARC personnel). Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

10.4. Superintendent Level Training:

10.4.1. Specialty Qualification.

10.4.1.1. Knowledge. Knowledge is mandatory of: Air Traffic Control (ATC), reconnaissance and airpower control principles and procedures; aircraft flight characteristics; encompassing tactical airlift and weapons delivery; air and surface firepower systems and effects; International Civil Aviation Organization (ICAO), Federal Aviation Administration (FAA), and military air

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regulations; map, aeronautical chart, and publication use; characteristics and use of tactical and ATC communications systems, radio frequency theory and equipment, air navigation aids, night vision equipment; Global Positioning Systems (GPS) and other operational equipment; meteorology principles; deployment procedures; joint service operation; infiltration techniques; movement and route selection; AIE methods; parachute procedures and equipment; jump master training; small unit tactics; amphibious and scuba operations; small arms/crew served weaponry qualifications; and destructive demolition applications.

10.4.1.2. Education. Personnel will be awarded the 9-level upon completion of the Senior NCO Academy and SMSgt sew-on.

10.4.1.3. Training. Not applicable.

10.4.1.4. Experience. The following experience is mandatory for award of the AFSC indicated:

10.4.1.4.1. Qualification in and possession of AFSC 1C271, experience managing actual air traffic deployment and control, and combat control activities.

10.4.1.5. Other. The following are mandatory as indicated:

10.4.1.5.1. For entry, award, and retention of AFSC 1C291, physical qualification for air traffic controller duty, marine diving duty, and parachuting duty according to AFI 48-123.

10.4.1.5.2. For entry, award and retention of AFSC 1C291/00, qualification to bear firearms IAW AFI 31-117, AFI 36-2226 and AFI 13-219 Volume I.

10.4.1.5.3. For entry, award and retention of AFSC 1C291/00, for a Top Secret security clearance according to AFI 31-501.

10.4.1.5.4. For award and retention of AFSC 1C291/00:

10.4.1.5.4.1. Qualification as a static line and military freefall parachutist, and as a scuba diver.

10.4.1.5.4.2. Physical qualification and maintenance of personal physical standards as defined in AFI 13-219 Volume II.

10.4.2. Training Sources/Resources. Senior NCO Academy at Gunter Annex, AL or accredited joint school.

10.4.3. Implementation. Award the 9-level when an individual possesses a 7-level, is an E-8 or higher and has completed the Senior NCO Academy or joint equivalent. Qualification training is initiated anytime individuals are assigned duties they are not qualified to perform.

SECTION D - RESOURCE CONSTRAINTS

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

11.1. Constraints: None

11.1.2. Equipment Constraints: None

11.1.3. Time/Manpower/Student Man-years Constraints: None.

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12. Apprentice (3-Level) Training: None

12.1. Constraints.

12.1.1 Impact.

12.1.2. Resources Required.

12.1.3. Action Required.

12.2. OPR/Target Completion Date.

13. Journeyman (5-Level) Training: None

13.1. Constraints.

13.1.1. Impact.

13.1.2. Resources Required.

13.1.3. Action Required.

13.2. OPR/Target Completion Date.

14. Craftsman (7-Level) Training. None.

SECTION E – TRANSITIONAL TRAINING GUIDE

“There are no transition training requirements. This area is reserved.”

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SECTION A - SPECIALTY TRAINING STANDARD

1. Implementation. This STS will be used for technical training provided by AETC for 3-skill level COIE classes beginning 1 January 2017.

2. Purpose. As prescribed in AFI 36-2201, *Air Force Training Program*, and in collaboration with the Combat Control, Air Force Career Field Manager (AFCFM), it is mandatory for all Combat Control SMSgt and below, regardless of duty assignment, to use an automated training record. The automated training record currently being utilized to document upgrade and qualification training is the Air Force Training Record (AFTR) and the application is located on the Advanced Distributed Learning Service (ADLS) (<https://golearn.adls.af.mil>).

2.1. Column 1 (Tasks, Knowledge, and Technical References). Lists the most common tasks, knowledge, and supporting technical references (TR) necessary for Airmen to perform duties in the 3-, 5-, and 7-skill level.

2.2. Column 2 (Unit Type Code (UTC)/Core Tasks). Identifies UTC and core tasks (specialty-wide training requirements) by a 5 or 7 in the appropriate skill level sub-column. **As a minimum, trainees must complete hands-on certification on all UTC and core tasks for skill level upgrade.**

2.3. Column 3 (Certification for OJT). Used to record completion of tasks and knowledge training requirements. Use the automated training record application to document individual qualifications. **Third party certification (task) is not required for core and critical tasks.** All core, critical and UTC tasks require training completion date and initials of the trainee and trainer only.

2.4. Column 4 (Proficiency Codes Used to Indicate Training/Information Provided). Indicates formal training and correspondence course requirements. It shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task, knowledge and the career knowledge provided by formal courses and CDC. See CADRE/AFSC/CDC listing maintained by the unit education and training manager for current CDC listings.

2.5. Qualitative Requirements. Contains the proficiency code key used to indicate the level of training and knowledge provided by all resident training courses and career development courses. This coding system represents the contract between the CFM and the course providers.

2.6. Job Qualification Standard (JQS). The STS becomes the JQS for OJT when placed in automated training application and used according to AFI 36-2201. For OJT, the tasks in Column 1 are trained and qualified to the go/no go level. “Go” means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct use of procedures. When used as a JQS, the following requirements apply:

2.6.1. Documentation. Document and certify completion of training.

2.6.1.1. Duty position. Duty position requirements will be developed and identified by the workcenter supervisor and loaded into the automated training application. Completion of core, critical and UTC tasks are mandatory for all duty positions. Ensure the correct duty position title is listed under Profile 1 section of the trainee’s automated training record.

2.6.1.2. Transcribing from previous versions to the new automated CFETP. For all tasks previously certified and required in the current duty position, evaluate current qualifications and

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when verified select the parent task to be transcribed, check the task title(s) block, click on the transcribe button. Enter the current date and sign off the task(s) to finalize the recertification. The automated application will place an entry into the trainee 623a and must be acknowledged by the transcriber and trainee.

2.6.1.3. Previous training certification not required. If previous training certification is not required for the current duty position in the individual record, select the parent task to be transcribed, check the task title(s) block, and click on the transcribe button. Enter the date of the original certification and sign off the task(s). The trainee will then sign off the task(s) to finalize the transcription of previous training certification. The automated application will place an entry into the trainee 623a and must be acknowledged by the transcriber and trainee. If and when transcribed tasks become duty position requirement, recertify using standard certification procedures.

2.6.1.4. Transcribing external training certification. If a trainee attended a formal training course and received appropriate accreditation, select the 623 III section of the users automated training record and locate the course title in the master task list, then enter the completion date. If the course title is not listed, contact the UTM to have it loaded from the master catalog. If it is not listed in the master catalog contact the CFM to have it loaded in the master catalog.

2.6.2. Documenting Career Knowledge. When a CDC is not available, the supervisor identifies STS training references that the trainee requires for career knowledge IAW AFI 36-2201, *Air Force Training Program* and ensures, as a minimum, that trainees cover all mandatory items specified in AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*. For two-time CDC exam failures, the unit commander will take appropriate action IAW AFI 36-2201.

Note: Career knowledge must be documented prior to submitting a CDC waiver.

2.6.3. Decertification. When an Airman is found to be unqualified on a task, the supervisor shall identify the task in the JQS and check the box next to the task title. The supervisor shall select the Decertify button on the screen menu and enter a 623a comment explaining why the task was decertified, and then enter the Airman into qualification training. The individual is recertified using the normal certification process.

2.6.4. Recertification. When an Airman is required to be recertified on a previous task due to annual or bi-annual requirements. The supervisor shall identify the task in the JQS and check the box next to the task title and select the Recertify button on the screen and entry the dates the recertification was completed.

2.6.5. Training Standard. Tasks are trained and certified to the “go” level. Go means the individual can perform the task without assistance and meets the local requirements for accuracy, timeliness, and correct use of phraseology and procedures. This equates to a 3c in the proficiency code key. For ATC training, CCT/1C2X1 will attend the ATC School and use the 1C1X1 STS for this portion of their training.

2.7. Specialty Training Standard. The STS is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests are developed at the USAF Airman Advancement Division by senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the Enlisted Promotions References and Requirements

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Catalog. Individual responsibilities are in AFI 36-2605, *AF Military Testing System*. WAPS is not applicable to the Air National Guard or Air Reserve Forces.

3. Recommendations. Comments and recommendations are invited concerning quality of training AETC graduates receive. Reference this STS and address your correspondence regarding changes to BA TG. Graduates who may have received over or under training on tasks/knowledge items listed in this training standard.

SECTION B - COURSE OBJECTIVE LIST (COL)

This section is not used due to the ever changing nature of the 1C2X1 AFS.

SECTION C - SUPPORT MATERIALS

There are currently no support material requirements. This area reserved.

SECTION D – EDUCATION AND TRAINING COURSE INDEX

1. Purpose. This section of the CFETP identifies training courses available for the Combat Control specialty. Refer to Education and Training Course Announcements (ETCA) web site for information on the Air Force in-residence courses. The web site address is <https://etca.randolph.af.mil/>.

2. Air Force In-Residence Courses (including courses operated by sister services.)

NOTE: * in tables below indicates courses not listed in the ETCA.

<u>Title</u>	<u>Location</u>	<u>Service</u>
Combat Control Selection Course	JBSA-Lackland, TX	USAF
Combat Control Operator Course (ATC)	Keesler AFB, MS	USAF
U.S. Army Airborne School	Ft Benning, GA	USA
Combat Survival Training Course	Fairchild AFB, WA	USAF
Water Survival, non-parachutist Course	Fairchild AFB, WA	USAF
Helicopter dunker/egress Course	Fairchild AFB, WA	USAF
Combat Control Apprentice Course	Pope Field, NC	USAF
Military Freefall Parachutist School	Yuma, AZ	USA
USAF Combat Dive Course	Panama City, FL	USAF
Tactical Radar Approach Control	Keesler AFB, MS	USAF
Static Line Jumpmaster Course	Pope Field, NC	USAF
*Static Line Jumpmaster Course	Coronado NAS, CA	USN
*Static line Jumpmaster Course	Ft Benning, GA	USA
*Static Line Jumpmaster Course	Little Creek, VA	USN
Military Free Fall Jumpmaster Course	Yuma, AZ	USA
Survey & Assault Zone Assessment Course	Pope Field, NC	USAF
Combat Diving Supervisor Course	Key West NAS, FL	USA
USMC Amphibious Reconnaissance Camp	Pendleton & Lejeune	USMC
*Dive Equipment Maintenance	Coronado NAS, CA	USN
*DRAEGER LAR V Transition	Coronado/Little Creek	USN
*Long Range Maritime Operations	Coronado NAS, CA	USN
Special Survival Training Course	Fairchild AFB, WA	USAF

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Water Survival (parachutist) Course	Pensacola NAS, FL	USAF
Arctic Survival Course	Eielson AFB, AK	USAF
Water Survival (non-parachutist) Course	Fairchild AFB, WA	USAF
SERE High Risk Level C	Ft Bragg, NC	USA
Introduction to Personnel Recovery	Ft Belvoir, VA	JPRA
Personnel Recovery Plans & Operations	Ft Belvoir, VA	JPRA
Contingency/Wartime Planning	Maxwell AFB, AL	USAF
EWTGLANT JTAC Course	Little Creek, VA	USMC
EWTGPAC JTAC Course	Coronado, CA	USMC
Ranger School	Ft Benning, GA	USA
Long Range Surveillance	Ft Benning, GA	USA
Battle Staff	Hurlburt Field, FL	ACC
Joint Combat Airspace Command & Control JTAC Qualification Course	Hurlburt Field, FL Nellis, AFB NV / Ramstein AB, GE	ACC ACC
Special Operations Terminal Attack Controller	Hurlburt Field, FL	ACC/USAFE AFSOC
Naval Surface and Air Warfare JTAC Course	Fallon NAB, NV	USN
SOTIC	Ft Bragg, NC	USA
SFARTC	Ft Bragg, NC	USA
Joint SOF Senior Enlisted Academy (JSOFSEA)	MacDill AFB, FL	SOCOM
*Special Tactics Training Squadron	Hurlburt Field, FL	AFSOC
*Latin American Orientation	Hurlburt Field, FL	AFSOC
*Joint Psychological Operation	Hurlburt Field, FL	AFSOC
*Middle East Orientation	Hurlburt Field, FL	AFSOC
*Cross Cultural Communications	Hurlburt Field, FL	AFSOC
*Dynamics of International Terrorism	Hurlburt Field, FL	AFSOC
*Crisis Response Management	Hurlburt Field, FL	AFSOC
*Joint Special Ops Planning Workshop	Hurlburt Field, FL	AFSOC
*Joint Senior PSYOPS Course	Hurlburt Field, FL	AFSOC
*Africa Orientation Course	Hurlburt Field, FL	AFSOC
*Southeast Asia Orientation Course	Hurlburt Field, FL	AFSOC
*Intro to Spec Ops	Hurlburt Field, FL	AFSOC
*Revolutionary Warfare	Hurlburt Field, FL	AFSOC
*Civil-Military Strategy for Internal Development	Hurlburt Field, FL	AFSOC
*Joint Aviation FID	Hurlburt Field, FL	AFSOC

3. Air Force Career Development Academy (AFCDA).

<u>Course Number</u>	<u>Title</u>	<u>Edit Code (EC)</u>
CDC 1C251A/N	Combat Control Journeyman	04
CDC 1C251B/O	Combat Control Journeyman	04

4. Exportable/Web-based Courses/Information. NONE**5. Courses/CDCs Under Development/Revision. NONE****SECTION E – MAJCOM UNIQUE REQUIREMENTS**

PART II

“There are currently no MAJCOM unique requirements. This area is reserved.”

BY ORDER OF THE SECRETARY OF THE AIR FORCE
OFFICIAL

MARK C. NOWLAND, Lieutenant General, USAF
Director of Operations

3 Attachments

1. Qualitative Requirements (Proficiency Code Key)
2. 1C2X1 Specialty Training Standard (STS)
3. 1C2X1 Additional Training References

Attachment 1 Qualitative Requirements (Proficiency Code Key)

A1. Qualitative Requirements

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely Limited)
	2	Can do most parts of the task. Needs only help on hardest parts. (Partially Proficient)
	3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly Proficient)
*Task Knowledge Levels	a	Can name parts, tools, and simple facts about the task. (Nomenclature)
	b	Can determine step by step procedures for doing the task. (Procedures)
	c	Can identify why and when the task must be done and why each step is needed. (Operating Principles)
	d	Can predict, isolate, and resolve problems about the task. (Advanced Theory)
**Subject Knowledge Levels	A	Can identify basic facts and terms about the subject. (Facts)
	B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
	C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
	D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)
<p>Explanations</p> <p>* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)</p> <p>** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.</p> <p>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.</p> <p>X - This mark is used alone in the course columns to show that training is required but not given due to limitations in resources.</p> <p>Specific tasks not identified with a symbol or proficiency code key (blank) indicates that no training is provided in the course or CDC. Major commands and /or units may establish scale values and combat training as dictated by mission requirements.</p> <p>5 – This mark is used alone in the core task column to identify 5-level core tasks.</p> <p>7 - This mark is used alone in the core task column to identify 7-level core tasks.</p> <p>Note All tasks and knowledge items shown with a proficiency code are trained during wartime.</p>		

Attachment 2
1C2X1 Specialty Training Standard (STS)

A2. Specialty Training Standard

A2.1. Identification. In the automated training record User Profile section the UTM will assign individuals to the correct workcenter upon in processing into the unit.

A2.1.1. For new trainee the UTM will assist them in creating a training record on the ADLS site <https://golearn.adls.af.mil> and placing them in the correct workcenter and specialty within their unit. Additional information will need to be entered into the following areas:

A2.1.1.1. User Administrators:

A2.1.1.1.1. Individual UTM

A2.1.1.1.2. Workcenter Supervisor

A2.1.1.1.3. Immediate Supervisor

A2.1.1.2. User Training Information:

A2.1.1.2.1. Duty Position

A2.1.1.2.2. Date Entered Duty Positions

A2.1.1.2.3. Training Status Code

A2.1.1.2.4. Date Entered Upgrade Training (UGT)

A2.1.2. For all other the UTM will need to place the individual into the correct workcenter and specialty. If the individual record is not available contact the losing unit to have the record transferred. If this fails, contact the Combat Control TPM at aetc.a3tb@us.af.mil for assistance. Additional information will need to be entered into the following areas:

A2.1.2.1. User Administrators:

A2.1.2.1.1. Individual UTM

A2.1.2.1.2. Workcenter Supervisor

A2.1.2.1.3. Immediate Supervisor

A2.1.2.2. User Training Information:

A2.1.2.2.1. Duty Position

A2.1.2.2.2. Date Entered Duty Positions

A2.1.2.2.3. Training Status Code

Attachment 2
1C2X1 Specialty Training Standard (STS)

A2.2. Specialty Tasks. The following are tasks the workcenter supervisor will use to create the duty task list for each duty position created for their workcenter.

1. Tasks, Knowledge And Technical References	2. UTC/ Core Tasks	3. Certification For OJT					4. Institutional Training Proficiency Code									
		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
1. EMPLOY DEFENSIVE MEASURES																
1.1. Communication Security (COMSEC): TR: DODM 5200.01v1, AFMAN 17-1302-0																
1.1.1. Security violations	5/5					A	-	-	-	B	B	B	-	-	-	
1.1.2. EEFI's	5/5					A	-	-	-	B	B	B	-	-	-	
1.1.3. Security precautions	5/5					A	-	-	-	B	B	B	-	-	-	
1.1.4. COMSEC supervisor	7/7					-	-	-	-	-	-	-	-	-	-	C
1.2. Operations Security (OPSEC): TR: AFI 1-1, AFI 10-701, AFI 35-101, AFI 35-113																
1.2.1. OPSEC	5/5					A	-	-	-	B	B	B	-	-	-	
1.2.2. OPSEC to COMSEC relationship	5/5					A	-	-	-	B	B	B	-	-	-	
1.2.3. OPSEC vulnerabilities	5/5					A	-	-	-	B	B	B	-	-	-	
1.2.4. OPSEC significance of unclassified data	5/5					A	-	-	-	B	B	B	-	-	-	
1.2.5. Counterintelligence responsibilities	5/5					A	-	-	-	B	B	B	-	-	-	
1.2.6. Social media vulnerabilities	5/5					A	-	-	-	B	B	B	-	-	-	
1.3. Health, First Aid, Survival, and Recovery: TR: FM 3-05.70, FM 6.22.5, AR 40-25, ATP 6-22.5, AFH 31-109, TC 4-02, FM 4-25.11, AFI 13-21v2, AFMAN 44-163, AFI 44-141, AFI 36-2644, SH 21-76, SS 521-AG-PRO-010, AFSOC Pamphlet 48-2																
1.3.1. Perform Tactical Combat Casualty Care (TCCC)						-	-	-	-	-	-	1b	-	-	-	
1.3.2. Demonstrate Battlefield Survivability						-	-	-	-	2b	-	-	-	-	-	
1.3.3. Maintain CPR certification						-	-	-	-	-	-	3b	-	-	-	
1.3.4. Perform foot care						1b	1b	-	-	2b	-	3b	3b	3b	-	
1.3.5. Perform progressive physical training						1b	2b	-	-	3b	-	3b	3b	-	-	
1.3.6. Perform surface swimming						1b	1b	-	-	3b	-	3b	3b	-	-	
1.3.7. Perform progressive surface/sub-surface water skills training						1b	1b	-	-	1b	-	3b	3b	-	-	
1.3.8. Perform Self Aid/Buddy Care						-	-	-	-	1b	-	-	-	-	-	
1.3.9. Stress education						A	B	-	B	B	B	B	-	-	-	
1.3.10. Cognitive and behavior stress management tools	5/5					A	B	-	B	B	B	B	-	-	-	
1.3.11. Complete Stress Inoculation	5/5					1a	b	-	-	2b	-	2b	-	-	-	

Attachment 2
1C2X1 Specialty Training Standard (STS)

1. Tasks, Knowledge And Technical References	2. UTC/ Core Tasks	3. Certification For OJT					4. Institutional Training Proficiency Code									
		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
1.3.12. Human Performance Program Nutrition	5/5						A	B	-		B	-	C	-	-	C
1.3.13. Stress education management	7/7						-	-	-	-	-	-	-	-	-	C
1.3.14. Supervisor cognitive and behavior stress management tools	7/7						-	-	-	-	-	-	-	-	-	C
1.3.15. Lead Human Performance Nutrition Program	7/7						-	-	-	-	-	-	-	-	-	C
1.4. SMALL Unit TACTICS:																
1.4.1. Overland Infiltration and Exfiltration Operations Using: TR: FM 7-100.1, FM 7-85, ATTP 3-34.39, TC 4-02.3, FM 21-18, FM 21-31, FM 21-60, TC 3-21.75, FM 3-99, SH 21-76																
1.4.1.1. Perform formations	5/5						-	-	-	-	2b	b	3b	-	-	-
1.4.1.2. Perform defensive fire techniques	5/5						-	-	-	-	2b	b	3b	-	-	-
1.4.1.3. Perform immediate action drills	5/5						-	-	-	-	2b	b	3b	-	-	-
1.4.1.4. Perform live fire day immediate action drills	5/5						-	-	-	-	1b	-	2b	-	-	-
1.4.1.5. Perform live fire night immediate action drills	5/5						-	-	-	-	1b	-	2b	-	-	-
1.4.1.6. Perform team member assignments and responsibilities	5/5						-	-	-	-	2b	b	3b	-	-	-
1.4.1.7. Perform arm and hand signals	5/5						-	-	-	-	2b	b	3	-	-	-
1.4.1.8. Perform bivouac and patrol base duties	5/5						-	-	-	-	2b	b	3b	-	-	-
1.4.1.9. Perform camouflage, cover, and concealment	5/5						-	-	-	1b	2b	b	3b	-	-	-
1.4.1.10. Perform danger area procedures	5/5						-	-	-	-	-	-	-	-	-	-
1.4.1.11. Perform field hygiene techniques	5/5						-	-	-	1b	2b	b	3b	-	-	-
1.4.1.12. Perform night observation techniques	5/5						-	-	-	-	2b	-	2b	-	-	-
1.4.1.13. Perform small unit tactics using protective mask	5/5						-	-	-	-	2b	b		-	-	-
1.4.1.14. Lead overland infil and exfil operations (utilizes all above functions)	7/7						-	-	-	-	-	-	-	-	-	3c
1.4.2. Perform offensive and defensive operations in close combat using: TR: 720 STG SOP, SH-76																
1.4.2.1. Perform basic CQB tactics	5/5						-	-	-	-	-	b	1b	-	-	-
1.4.2.2. Perform non-ballistic engagement tactics	5/5						-	-	-	-	-	b	1b	-	-	-
1.4.2.3. Perform enemy detainment and control tactics	5/5						-	-	-	-	-	b	1b	-	-	-
1.5. Operating Environment:																

Attachment 2
1C2X1 Specialty Training Standard (STS)

1. Tasks, Knowledge And Technical References	2. UTC/ Core Tasks	3. Certification For OJT					4. Institutional Training Proficiency Code									
		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
TR: ATP 3-06.11, ATP 3-11.32, ATP 3-90.97, FM 3-06, FM 31-70, FM 90-3, FM 90-5, USSOCOMM 350-4v2 (FOUO)																
1.5.1. Jungle environment TR: FM 90-5	5/5						-	-	-	-	A	b	c	-	-	-
1.5.2. Mountain environment TR: FM31-70, ATP 3-90.97	5/5						-	-	-	-	A	b	c	-	-	-
1.5.3. Desert environment TR: 90.3	5/5						-	-	-	-	A	b	c	-	-	-
1.5.4. Cold weather environment TR: FM 31-70, 31-71	5/5						-	-	-	-	A	b	c	-	-	-
1.5.5. Urban environment TR: ATTP 3-06.11, FM 3-06	5/5						-	-	-	-	A	b	c	-	-	-
1.5.6. Maritime environment	5/5						-	-	-	-	A	B	C	-	-	-
1.5.7. Nuclear, Biological, Chemical environment TR: ATP 3-11.32	5/5						-	-	-	-	A	b	C	-	-	-
1.5.8. Night environment conditions TR: AV156-12510-21, FM 7-93	5/5						-	-	-	-	A	b	C	-	-	-
1.6. Weapon Training: TR: AFI 36-2654, AFMAN 36-2227v1, AFMAN 36-2655, FM 3-23.35, TO 11W3-3-4-21, TO 11W3-4-22, TO 11W3-3-5-1																
1.6.1. Handgun: TR: AFI 36-2654, AFMAN 36-2227v1, AFMAN 36-2655, FM 3-23.35, TO 11W3-3-4-21, TO 11W3-4-22, TO 11W3-3-5-1																
1.6.1.1. Qualify with Service Common Pistol TR: AFI 39-226, AFMAN 36-2655							2b	-	-	-	-	-	-	-	-	-
1.6.1.2. Perform fundamentals of fire	5/5						-	-	-	-	-	b	3c	-	-	-
1.6.1.3. Perform protective mask firing	5/5										2b	b	3b	-	-	-
1.6.1.4. Perform night firing	5/5										1b	b	3c	-	-	-
1.6.1.5. Perform fundamentals of concealed weapons/low visibility firing	5/5						-	-	-	-	-	b	-	-	-	-
1.6.1.6. Perform fundamentals of fire with ST common pistol TR: AFI 39-2226, AFMAN 36-2655							-	-	-	-	2b	-	3c	-	-	-
1.6.2. Rifle: Special Operations Specific TR: AFI 36-2654, AFMAN 36-2227v1, AFMAN 36-2655, TC 3-22.9, TO 11W3-5-5-41, FM 23-10, MCTP 3-01E																
1.6.2.1. Qualify with ST carbine TR: AFI 39-2226, AFMAN 36-2227 Vol1	5/5						2b	-	-	-	-	-	2b	-	-	-
1.6.2.2. Perform fundamentals of fire	5/5						-	-	-	-	2b	b	3c	-	-	-

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1C2X1 Specialty Training Standard (STS)

1. Tasks, Knowledge And Technical References	2. UTC/ Core Tasks	3. Certification For OJT					4. Institutional Training Proficiency Code									
		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
1.6.2.3. Perform protective mask firing	5/5						-	-	-	-	2b	b	3c	-	-	-
1.6.2.4. Perform night firing	5/5						-	-	-	-	2b	b	3c	-	-	-
1.6.2.5. Perform fundamentals of long range marksmanship with STS common weapon TR: Army FM 23-10, USMC 1-3B							-	-	-	-	-	b	1b	-	-	-
1.6.2.6. Perform advanced STS weapon system marksmanship							-	-	-	-	-	-	-	-	-	4c
1.6.3. Grenade Launcher: TR: TO 11W3-9-4-1, FM 3-22.31, TO 11W3-9-4-1																
1.6.3.1. Perform fundamentals of fire	5/5						-	-	-	-	-	2b	-	-	-	-
1.6.3.2. Perform protective mask firing							-	-	-	-	-	-	-	-	-	-
1.6.3.3. Perform night firing							-	-	-	-	-	-	-	-	-	-
1.6.4. Light Machine Gun: TR: FM 3-22.68																
1.6.4.1. Perform fundamentals of fire	5/5						-	-	-	-	-	2b	-	-	-	-
1.6.4.2. Perform protective mask firing							-	-	-	-	-	-	-	-	-	-
1.6.4.3. Perform night firing							-	-	-	-	-	-	-	-	-	-
1.6.5. 40MM Crew Served Weapon: TR: TM 3-22.31																
1.6.5.1. Perform fundamentals of fire	5/5						-	-	-	-	-	2b	-	-	-	-
1.6.5.2. Perform protective mask firing							-	-	-	-	-	-	-	-	-	-
1.6.5.3. Perform night firing							-	-	-	-	-	-	-	-	-	-
1.6.6. 7.62mm Crew Served Weapon: TR: TO 11W2-6-5-1, TO 11W2-6-5-2, FM 3-22.68																
1.6.6.1. Perform fundamentals of fire	5/5						-	-	-	-	-	2b	-	-	-	-
1.6.6.2. Perform protective mask firing							-	-	-	-	-	-	-	-	-	-
1.6.6.3. Perform night firing							-	-	-	-	-	-	-	-	-	-
1.6.7. AK (Kalashnikov) Family Weapon TR: STP 31-18B34-SM-TG Special Forces Soldier's Manual and Training Guide for 18B Series																
1.6.7.1. Perform fundamentals of fire							-	-	-	-	-	-	-	-	-	-
1.6.7.2. Perform protective mask firing							-	-	-	-	-	-	-	-	-	-
1.6.7.3. Perform night firing							-	-	-	-	-	-	-	-	-	-
1.6.8. Hand Grenades: TR: FM3-13.30																
1.6.8.1. Employ hand grenades							-	-	-	-	3b	c	-	-	-	-
1.6.9. Shoulder fires Rockets: TR: TM 3-23.25																
1.6.9.1. Perform fundamentals of fire							-	-	-	-	-	b	-	-	-	-
1.6.9.2. Perform protective mask firing							-	-	-	-	-	-	-	-	-	-
1.6.9.3. Perform night firing							-	-	-	-	-	-	-	-	-	-

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1C2X1 Specialty Training Standard (STS)

1. Tasks, Knowledge And Technical References	2. UTC/ Core Tasks	3. Certification For OJT					4. Institutional Training Proficiency Code									
		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
1.6.10. 60mm Mortar: TR: FM 3.22.91																
1.6.10.1. Mortar system capability						-	-	-	-	-	-	B	-	-	-	-
1.6.10.2. Perform fundamentals of mortar fire						-	-	-	-	-	-	-	-	-	-	-
1.6.10.3. Assembly and operation of mortar system						-	-	-	-	-	-	-	-	-	-	-
1.6.11. Safeguard, Store Transport and Safely Handle TR: AFMAN 31-129, AFMAN 91-201																
1.6.11.1. Weapons	5/5					-	-	-	-	2b	b	2c	-	-	-	-
1.6.11.2. Ammunition	5/5					-	-	-	-	2b	b	2c	-	-	-	-
1.6.11.3. Explosives	5/5					-	-	-	-	2b	b	2c	-	-	-	-
2. COMMUNICATIONS, COMPUTING DEVICES, TEAM LEADER COMMAND AND CONTROL, AND INTELLIGENCE																
2.1. Communications TR: Harris Publication Numbers 10515-0103-4100, 10515-4200, and 10515-0319-4200																
2.1.1. Operate powered generators						-	-	-	-	-	-	-	-	-	-	-
2.1.2. Operate PRC-117G	5/5					-	-	-	-	2b	b	3b	-	-	-	-
2.1.3. Operate PRC-117F						-	-	-	-	-	-	-	-	-	-	-
2.1.4. Operate PRC-138						-	-	-	-	-	-	-	-	-	-	-
2.1.5. Operate Special Tactics Common HF Radio (e.g. PRC-150, RF300)						-	-	-	-	1b	-	2b/x	-	-	-	-
2.1.6. Operate PRC-152A	5/5					-	-	-	-	2b	B	3b	-	-	-	-
2.1.7. Operate PRC-148						-	-	-	-	-	-	-	-	-	-	-
2.1.8. Operate PRC-5D						-	-	-	-	-	-	-	-	-	-	-
2.1.9. Operate secure voice system	5/5					-	-	-	-	2b	b	3b	-	-	-	-
2.1.10. Operate crypto storage device	5/5					-	-	-	-	2b	b	3b	-	-	-	-
2.1.11. Perform Satellite communications voice	5/5					-	-	-	-	2b	b	3b	-	-	-	-
2.1.12. Perform data communications	5/5					-	-	-	-	-	B	3b	-	-	-	-
2.1.13. Perform Have Quick communications	5/5					-	-	-	-	-	-	2b	-	-	-	-
2.1.14. Operate SINCGARS						-	-	-	-	-	-	-	-	-	-	-
2.1.15. Perform Over the Air Rekey (OTAR)	5/5					-	-	-	-	-	b	3b	-	-	-	-
2.1.16. Operate Situational Awareness mode (SA)						-	-	-	-	-	b	b	-	-	-	-
2.1.17. Utilize JCEOI	5/5					-	-	-	-	-	B	B	-	-	-	-
2.1.18. Perform principles of HF	5/5					-	-	-	-	1b	b	2b/x	-	-	-	-

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		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crts	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crts
2.2. Team Leader Command and Control TR: Air Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide																
2.2.1. Perform command and control of personnel	5/5					-	-	-	-	2b	b	3b	-	-	-	
2.2.2. Perform personnel & equipment accountability						-	-	-	-	2b	b	3b	-	-	-	
2.2.3. Perform safety and security	5/5					-	-	-	-	2b	b	3c	-	-	-	
2.2.4. Debrief and reconstitute	5/5					-	-	-	-	2b	-	-	-	-	-	
2.2.5. Operate communications nets	5/5					-	-	-	-	2b	b	3c	-	-	-	
2.2.6. Use transmissions formats	5/5					-	-	-	-	2b	b	3c	-	-	-	
2.3. Intelligence Capabilities: TR: ATP 2-01, JP 2-0, JP 2-01																
2.3.1. Intelligence functions	5/5					-	-	-	-	B	-	C	-	-	-	
2.3.2. Intelligence organizations	5/5					-	-	-	-	B	B	C	-	-	-	
2.3.3. Formulate RFI's	5/5					-	-	-	-	2b	b	3b	-	-	-	
3. MISSION PREPARTION																
3.1. Mission Analysis and Planning: TR: AF 4329, AF 4330, AFI 90-1601_AFSOCSUP, AFI 90-802, AFPAM 90-902, AFPD 90-8, FM 7-85, JP 5-0, SH 21-76, Special Tactics Operator Guide																
3.1.1. Conduct Troop Leading Procedures	5/5					-	-	-	-	2b	B	3b	-	-	-	
3.1.2. Principles of MDMP	5/5					-	-	-	-	-	B	2b	-	-	-	
3.1.3. Mission analysis																
3.1.3.1. Perform mission analysis	5/5									2b	-	2b				
3.1.3.2. Apply lessons learned	7/7					-	-	-	-	a	b	b	-	-	3c	
3.1.3.3. After action reports	7/7					-	-	-	-	A	B	B	-	-	3c	
3.1.4. Develop concept of operations	7/7					-	-	-	-	b	b	2b			3c	
3.1.5. Perform Risk Management (RM)	5/5					-	-	-	-	-	b	2b	-	-	-	
3.1.6. Prepare warning order	7/7					-	-	-	-	-	b	2b	-	-	3c	
3.1.7. Perform detailed planning	5/5					-	-	-	-	2b	b	3b	-	-	-	
3.1.8. Brief operational order	5/5					-	-	-	-	2b	b	3b	-	-	-	
3.1.9. Prepare mission equipment (land/water surface operation)	5/5					-	-	-	-	2b	b	3b	-	-	-	
3.1.10. Perform brief-back	5/5					-	-	-	-	2b	b	3b	-	-	-	
3.1.11. Conduct rehearsal and inspection	5/5					-	-	-	-	2b	b	3b	-	-	-	
3.1.12. Run execution checklist	5/5					-	-	-	-	2b	-	3b	-	-	-	
3.1.13. Interpret JCEOI	7/7					-	-	-	-	-	B	B	-	-	C	
3.1.14. Lead Plan and Execute Missions	7/7					-	-	-	-	-	-	-	-	-	3c	
4. INFILTRATE / EXFILTRATE																
4.1. Airborne Operations:																

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		(1) Tng Start	(1) Tng Comp	(1) Trainee Initials	(1) Trainer Initials	(1) Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
TR: AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-99, TC 3-21.220																
4.1.1. Perform day combat equipment jump	5/5					-	-	1a	-	2b	b	3b	-	-	-	
4.1.2. Perform night combat equipment jump	5/5					-	-	1a	-	2b	b	3b	-	-	-	
4.1.3. Perform day water jump	5/5					-	-	-	-	-	b	2b	-	-	-	
4.1.4. Perform night water jump	5/5					-	-	-	-	-	b	2b	-	-	-	
4.1.5. Perform Static line jumpmaster (JM) duties						-	-	-	-	-	-	-	-	-	3c	
4.1.6. Plan and execute Static Line JM Directed (JMD) procedures						-	-	-	-	-	-	-	-	-	3c	
4.1.7. Lead Static Line Jump Operations						-	-	-	-	-	-	-	-	-	3b	
4.2. HALO Team Member: TR: AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99																
4.2.1. Perform day jump with combat equipment	5/5					-	-	-	-	-	b	3b	-	2b	-	
4.2.2. Perform night jump with combat equipment	5/5					-	-	-	-	-	b	3b	-	2b	-	
4.2.3. Perform day water jump	5/5					-	-	-	-	-	b	2b	-	-	-	
4.2.4. Perform night water jump	5/5					-	-	-	-	-	b	2b	-	-	-	
4.2.5. Perform day jump with combat equipment/02	5/5					-	-	-	-	-	b	2b	-	2b	-	
4.2.6. Perform night jump with combat equipment/02	5/5					-	-	-	-	-	b	2b	-	2b	-	
4.2.7. Lead MFF Jump Operations						-	-	-	-	-	-	-	-	-	3b	
4.3. Military Free Fall Jumpmaster: TR: AFMAN 11-411 (ATTP 3-18.11) Special Force Military Freefall Operations																
4.3.1. Perform JM Duties						-	-	-	-	-	-	-	-	-	3c	
4.4. HAHO Team Member: TR: AFMAN 11-411 (ATTP 3-18.11) Special Force Military Freefall Operations																
4.4.1. Perform day jump with combat equipment/02						-	-	-	-	-	-	-	-	2b	-	
4.4.2. Perform night jump with combat equipment/02						-	-	-	-	-	-	-	-	2b	-	
4.5. HAHO Navigator: AFMAN 11-411 (ATTP 3-18.11) Special Force Military Freefall Operations																
4.5.1. Perform NAV duties on day HAHO operations						-	-	-	-	-	-	-	-	-	3b	

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4.5.2. Perform NAV duties on night HAHO operations						-	-	-	-	-	-	-	-	-	3b	
4.6. Advanced MFF Qualifications: TR: AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99																
4.6.1. Complete Tandem Master Qualification						-	-	-	-	-	-	-	-	-		
4.6.2. Perform camera mounted						-	-	-	-	-	-	-	-	-		
4.6.3. Complete AFF instructor duty qualifications						-	-	-	-	-	-	-	-	-		
4.6.4. Complete MFF instructor qualifications						-	-	-	-	-	-	-	-	-		
4.6.5. Perform dissimilar operations						-	-	-	-	-	-	-	-	-		
4.6.6. Utilize NVGs for parachute operations	5/5					-	-	-	-	-	b	2b	-	2b	3c	
4.7. Rig, Load, and Secure Water Craft on: TR: AFI 16-1202, SOCOM M 350-4 V2, Special Tactics Operator Guide, TO 13C7-51-21																
4.7.1. RAMZ	5/5					-	-	-	-	-	1a	-	-	-		
4.7.2. T-Duck						-	-	-	-	-	-	-	-	-		
4.7.3. Hard Duck						-	-	-	-	-	-	-	-	-		
4.7.4. SOF-Duck						-	-	-	-	-	-	-	-	-		
4.7.5. K-Duck						-	-	-	-	-	-	-	-	-		
4.7.6. ARC						-	-	-	-	-	-	-	-	-		
4.8. Employ Water Craft: TR: AFI 16-1202, SOCOM M 350-4 V2, Special Tactics Operator Guide, TO 13C7-51-21																
4.8.1. RAMZ	5/5					-	-	-	-	-	b	2b	-	-	-	
4.8.2. T-Duck						-	-	-	-	-	b	-	-	-	-	
4.8.3. Hard Duck						-	-	-	-	-	b	-	-	-	-	
4.8.4. SOF-Duck						-	-	-	-	-	b	-	-	-	-	
4.8.5. K-Duck						-	-	-	-	-	b	-	-	-	-	
4.8.6. ARC						-	-	-	-	-	b	-	-	-	-	
4.9. Perform Helocast: TR: AFI 16-1202, Special Tactics Operator Guide, USSOCOM M350-6																
4.9.1. Day helocast	5/					-	-	-	-	-	b	-	-	-	-	
4.9.2. Night helocast	5/					-	-	-	-	-	b	-	-	-	-	
4.9.3. Cast-Master duties						-	-	-	-	-	b	-	-	-	3c	
4.10. Perform Alternate Insertion / Extraction (AIE) Methods																

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TR: AFI 16-1202, Special Tactics Operator Guide, USSOCOM M350-6																
4.10.1. Caving ladder						-	-	-	-	2b	b	-	-	-	-	3b
4.10.2. Rope ladder						-	-	-	-	-	-	-	-	-	-	3b
4.10.3. Day land hoist						-	-	-	-	-	b	-	-	-	-	3b
4.10.4. Day water hoist						-	-	-	-	-	b	-	-	-	-	3b
4.10.5. Night land hoist						-	-	-	-	-	b	-	-	-	-	3b
4.10.6. Night water hoist						-	-	-	-	-	b	-	-	-	-	3b
4.10.7. Tower fast-rope	5/					-	-	-	-	2b	b	3b	-	-	-	-
4.10.8. Day helo fast-rope insertion	5/					-	-	-	-	2b	-	3b	-	-	-	-
4.10.9. Night helo fast-rope insertion	5/					-	-	-	-	2b	b	3b	-	-	-	-
4.10.10. Day equipment helo fast-rope insertion	5/					-	-	-	-	2b	b	3b	-	-	-	-
4.10.11. Night equipment helo fast-rope insertion	5/					-	-	-	-	2b	b	3b	-	-	-	-
4.10.12. FRIES extraction						-	-	-	-	-	b	-	-	-	-	3b
4.10.13. FRIES-Muster duties						-	-	-	-	-	-	-	-	-	-	3c
4.10.14. Tower rappel	5/					-	-	-	-	2b	-	3b	-	-	-	-
4.10.15. Helo rappel						-	-	-	-	-	b	3b	-	-	-	3b
4.10.16. Helo master duties						-	-	-	-	-	-	-	-	-	-	3c
4.11. Perform Combat Diver Operations: TR: ATTP 3-2.75, SS521-AG-PRO-010 (USN Diving Manual, revision 7) LCAZP1XXXX-01OB, AFCDC-Open Circuit; LCAZP1XXXX01CB-Closed Circuit																
4.11.1. Day open circuit dive	5/5					-	-	-	-	-	b	3c	3c	-	-	-
4.11.2. Night open circuit dive	5/5					-	-	-	-	-	b	-	3c	-	-	-
4.11.3. Day closed circuit dive with mission equipment	5/5					-	-	-	-	-	-	-	3c	-	-	-
4.11.4. Night closed dive with mission equipment	5/5					-	-	-	-	-	-	-	3c	-	-	-
4.11.5. Day search dive	5/5					-	-	-	-	-	b	3b	3c	-	-	-
4.11.6. Night search dive						-	-	-	-	-	b	-	3c	-	-	-
4.11.7. Dive supervisor open circuit						-	-	-	-	-	-	-	-	-	-	3c
4.11.8. Dive supervisor closed circuit						-	-	-	-	-	-	-	-	-	-	3c
4.11.9. Waterproof mission equipment tactical gear for diving	5/5					-	-	-	-	-	b	2b	3c	-	-	-
4.12. Perform Small Boat Operations TR: USSOCOM M350-4 V2, Special Tactics Operator Guide																
4.12.1. CRRC	5/5					-	-	-	-	-	b	2b	-	-	-	-
4.12.2. ARC						-	-	-	-	-	-	-	-	-	-	-
4.12.3. Kayak Canoe						-	-	-	-	-	-	-	-	-	-	-

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4.12.4. Rigid hull						-	-	-	-	-	-	-	-	-	-	
4.13. Perform Small Boat Navigation TR: USSOCOM M350-4 V2, Special Tactics Operator Guide																
4.13.1. Over the horizon operations						-	-	-	-	-	-	-	-	-	3c	
4.13.2. Riverine operations						-	-	-	-	-	-	-	-	-	-	
4.13.3. Inter-coastal operations						-	-	-	-	-	-	-	-	-	3c	
4.14. Perform Tactical Airland Operations TR: AFI 16-1202, Special Tactics Operator Guide, USSOCOM M350-6																
4.14.1. Day rotary wing infil and exfil	5/5					-	-	-	-	2b/x	b	3b	-	-	-	
4.14.2. Night rotary wing infil and exfil	5/5					-	-	-	-	2b/x	b	3b	-	-	-	
4.14.3. Day fixed wing infil and exfil	5/5					-	-	-	-	-	b	3b	-	-	-	
4.14.4. Night fixed wing infil and exfil	5/5					-	-	-	-	-	b	3b	-	-	-	
4.14.5. Tilt Rotor Familiarization	5/5					-	-	-	-	-	b	3b	-	-	-	
4.14.6. Tilt Rotor infil and exfil						-	-	-	-	-	-	-	-	-	-	
4.15. Perform All Terrain Vehicle (ATV) Operations (SOCOM specific) TR: MSF Dirt Bike School, Special Tactics Operator Guide, USSOCOM M 350-6																
4.15.1. Motorcycle familiarization and operator maintenance	5/5					-	-	-	-	-	-	3b	-	-	-	
4.15.2. Motorcycle off-road night	5/5					-	-	-	-	-	-	3b	-	-	-	
4.15.3. Night motorcycle aviation environment (Including RADIDS)	5/5					-	-	-	-	-	b	2b	-	-	-	
4.15.4. ATV familiarization and operator maintenance	5/5					-	-	-	-	-	-	3b	-	-	-	
4.15.5. ATV off-road night	5/5					-	-	-	-	-	b	3b	-	-	-	
4.15.6. Night ATV aviation environmental (Including RAPIDS)	5/5					-	-	-	-	-	b	2b	-	-	-	
4.15.7. Multi-person ATV familiarization and operator maintenance	5/5					-	-	-	-	-	-	3b	-	-	-	
4.15.8. Multi-person ATV off-road night	5/5					-	-	-	-	-	-	3b	-	-	-	
4.15.9. Night multi-person ATV aviation environmental (Including RAPIDS)	5/5					-	-	-	-	-	b	2b	-	-	-	
4.16. Perform Tactical Vehicle Operations TR: Special Tactics Operator Guide, USSOCOM M 350-6																
4.16.1. Night HMMWV aviation environment (Including RAPIDS)	5/5					-	-	-	-	-	b	2b	-	-	-	
4.16.2. Snowmobile familiarization / operation						-	-	-	-	-	-	-	-	-	-	

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4.16.3. Day snowmobile overland infiltration (Including RAPIDS)						-	-	-	-	-	-	-	-	-	-	
4.16.4. Snowmobiles overland infiltration						-	-	-	-	-	-	-	-	-	-	
4.17. Tactical Convoy Operations TR: Handbook No. 04-24, Handbook No. 04-27, Vehicle T.O.																
4.17.1. Convoy Operations CONOPS / planning	7/7					-	-	-	-	-	B	1b	-	-	3b	
4.17.2. Perform Tactical Convoy Operations	5/5					-	-	-	-	-	b	2b	-	-	-	
4.17.3. Establish Blocking Positions	5/5					-	-	-	-	-	b	2b	-	-	-	
4.17.4. Perform mount / Dismount drills	5/5					-	-	-	-	-	b	2b	-	-	-	
4.17.5. Perform disabled vehicle drills	5/5					-	-	-	-	-	b	2b	-	-	-	
4.17.6. Perform Immediate Action Drills	5/5					-	-	-	-	-	b	2b	-	-	-	
4.17.7. Mounted Communications techniques	5/5					-	-	-	-	-	b	2b	-	-	-	
4.17.8. Conduct communication in a jamming / EW environment (mounted)	5/5					-	-	-	-	-	b	B	-	-	-	
4.17.9. Identify Crew Position Responsibilities	5/5					-	-	-	-	-	B	B	-	-	-	
4.17.10. Armored vehicle familiarization and operator maintenance	5/5					-	-	-	-	-	-	2b	-	-	-	
4.17.11. Armored vehicle on / off road movement day and night	5/5					-	-	-	-	-	-	2b	-	-	-	
4.17.12. Assign Vehicle Crew Position Responsibilities	7/7					-	-	-	-	-	-	-	-	-	C	
4.18. Perform Land Navigation Using: TR: FM 3-25_C1, Note: Use applicable GPS operator manuals (DAGR manual: TO 31R4-2PSN13-1)																
4.18.1. Utilize maps and grid systems	5/5					-	-	-	1b	2b	B	3b	-	-	-	
4.18.2. Utilize magnetic compass	5/5					-	-	-	1b	2b	B	3b	-	-	-	
4.18.3. Utilize aerial photo and imagery	5/5					-	-	-	-	2b	B	3b	-	-	-	
4.18.4. Utilize GPS navigation with PSN-13 (DAGR) or current program of record	5/5					-	-	-	-	2b	B	3b	-	-	-	
4.18.5. Utilize technology enabled navigation techniques (E.g. Falcon view or equivalent)	5/5					-	-	-	-	-	-	2b	-	-	-	
4.18.6. Plan Navigation Activities	7/7					-	-	-	-	-	-	-	-	-	3c	
5. TERMINAL CONTROL																
5.1. NAVAIDS TR: Aeronautical Information Handbook, Special Tactics Operator Guide																
5.1.1. TACAN	5/5					-	-	-	-	B	B	B	-	-	-	
5.1.2. Utilize Beacons	5/5					-	-	-	-	2b	B	3b	-	-	-	

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5.2. Assault Zone and Airfield Approved or Suitability Rated Products and Information Access: TR: Aeronautical Information Manual, AFI 13-217_AFSOCSUP, AMC Form 174, AMCI 11-211, Federal Aviation Administration, Special Tactics Operator Guide, Zone Availability Report																
5.2.1. Utilize MAJCOM AZ database	7/					-	-	-	-	B	-	2b	-	-	-	3b
5.2.2. AMC Airfield Suitability Restriction Report (ASSR) or Global Decision Support System (GDSS) Airfield Database AFD) GIANT Report						-	-	-	-	-	-	-	-	-	-	3b
5.2.3. DoD/NGA or FAA AeroNav flight information publication (FLIP) products and procedures	7/					-	1a	-	-	-	B	b	-	-	-	3b
5.2.4. Host nation or commercial produced instrument flight procedures (IFP)	7/					-	-	-	-	-	-	-	-	-	-	3b
5.2.5. Utilize Airfield Survey (AMC) Form 174)	7/					-	-	-	-	-	B	-	-	-	-	3b
5.2.6. MAJCOM waivers and Supplemental Theater Information Files (STIF) Restrictions	7/					-	-	-	-	-	B	-	-	-	-	3b
5.3. Evaluation / Survey and Assessment																
5.3.1. Landing Zone Evaluation / Survey Assessments TR: UFC 3-260-03, ETL 02-19, ETL 09-6 (FOUO), ETL 97-9, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide																
5.3.1.1. Use evaluation / survey references	5/5					-	-	-	-	-	b	2b	-	-	-	-
5.3.1.2. LZ survey limitations and waivers	7/7					-	-	-	-	-	B	B	-	-	-	B
5.3.1.3. Collect LZ data (points, routes, and area) using GPS and Non-GPS techniques	7/7					-	-	-	-	-	-	2b	-	-	-	2b
5.3.1.4. Evaluate and assess C-17, C-130, and Light Tactical Fixed Wing (LTFW) dimensional and gradient criteria	7/7					-	-	-	-	a	B	2b	-	-	-	2b
5.3.1.5. Evaluate and assess Glide Slopes	7/7					-	-	-	-	a	-	2b	-	-	-	2b
5.3.1.6. Evaluate and assess vertical obstacles	7/7					-	-	-	-	-	-	2b	-	-	-	2b
5.3.1.7. Calculate LZ distances and angles (Percent/degrees) from formula	7/7					-	-	-	-	-	b	2b	-	-	-	2b

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		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
5.3.1.8. Conduct and assess Semi-Prepared and Airfield Inspection on Movement Areas Surface Distresses	7/7						-	-	-	-	a	B	1b	-	-	2b
5.3.1.9. Determine Rolling Friction Factor (RFF)	7/7						-	-	-	-	-	1b	-	-	2b	
5.3.1.10. Determine Runway Condition Rating (RCR) Braking Action	7/7						-	-	-	-	-	1b	-	-	2b	
5.3.1.11. Determine surface or soil classification type	7/						-	-	-	-	-	B	-	-	2b	
5.3.1.12. Determine Semi-prepared (unpaved) number and location of strength tests	7/						-	-	-	-	-	1b	-	-	-	
5.3.1.13. Conduct Strength tests and record data (manual and automated)	5/5						-	-	-	-	-	2b	-	-	-	
5.3.1.14. Correlate Strength test data into depth and California Bearing Ratio (CBR), break data into a reading (layer profile with thickness and CBRs)	7/						-	-	-	-	-	B	-	-	-	
5.3.1.15. Determine Semi-prepared (unpaved) Controlling Layer for reading with corresponding Pass level and weight bearing capacity (WBC) / Allowable Gross Load (AGL)	7/						-	-	-	-	-	B	-	-	-	
5.3.1.16. Determine Semi-prepared (unpaved) strength controlling readings to rate each Runway, Taxiway, Apron (Pass level and WBC / AGL)	7/						-	-	-	-	-	B	-	-	-	
5.3.1.17. Determine WBC / AGL Per Gear Configuration/Gear code from observed traffic	7/						-	-	-	-	-	-	-	-	-	
5.3.1.18. Collect and determine LZ coordinating instructions information	7/						-	-	-	-	-	B	-	-	-	
5.3.1.19. Conduct LZ survey (day)	7/						-	-	-	-	-	1a	-	-	-	
5.3.1.20. Conduct LZ assessment (day)	7/7						-	-	-	-	-	1b	-	-	2b	
5.3.1.21. Complete LZ survey form and format	7/7						-	-	-	-	-	B	-	-	2b	
5.3.1.22. Use computing devices / software drawing techniques to complete LZ Diagram	7/						-	-	-	-	-	-	-	-	2b	
5.3.1.23. Complete MAJCOM LZ survey workflow / routing	7/						-	-	-	-	-	B	-	-	-	
5.3.1.24. Conduct LZ survey (night)	7/						-	-	-	-	-	-	-	-	-	
5.3.1.25. Conduct LZ assessment (night)	7/7						-	-	-	-	-	-	-	-	2b	
5.3.2. HLZ Survey and Assessment																

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		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
TR: AFI 13-217 AFSOC SUP, Special Tactics Operator Guide, FM 3-21.38 Pathfinder Operations																
5.3.2.1. Use HLZ references	5/					-	-	-	-	a	b	b	-	-	2b	
5.3.2.2. HLZ survey limitation and waivers	5/					-	-	-	-	-	b	B	-	-	2b	
5.3.2.3. Collect HLZ data (points, routes, and areas) using GPS and Non-GPS techniques	5/					-	-	-	-	-	b	2b	-	-	2b	
5.3.2.4. Evaluate and assess HLZ dimensional, obstructed/unobstructed Quadrant and Slope Criteria	5/					-	-	-	1a	-	b	2b	-	-	2b	
5.3.2.5. Evaluate and assess Glide Slopes	7/					-	-	-	-	-	b	2b	-	-	2b	
5.3.2.6. Evaluate and assess vertical obstacles	7/					-	-	-	-	-	b	2b	-	-	2b	
5.3.2.7. Calculate HLZ distances and angles (degrees) from formulas	7/					-	-	-	-	-	-	2b	-	-	2b	
5.3.2.8. Collect and determine LZ coordinating instructions/information	7/					-	-	-	-	-	-	2b	-	-	2b	
5.3.2.9. Conduct HLZ Survey (Day)	7/					-	-	-	-	-	-	2b	-	-	2b	
5.3.2.10. Conduct HLZ Assessment (Day)	7/					-	-	-	-	-	-	2b	-	-	2b	
5.3.2.11. Complete HLZ survey form and format	7/					-	-	-	-	-	-	2b	-	-	2b	
5.3.2.12. Use computing devices/software drawing techniques to complete HLZ Diagram	7/					-	-	-	-	-	-	2b	-	-	2b	
5.3.2.13. Complete MAJCOM HLZ Survey workflow/routing	7/					-	-	-	-	-	-	-	-	-	2b	
5.3.2.14. Conduct HLZ Survey (Night)	7/					-	-	-	-	-	-	-	-	-	2b	
5.3.2.15. Conduct HLZ assessment (Night)	7/					-	-	-	-	-	-	-	-	-	2b	
5.3.3. FARP Survey and Assessment																
TR: AFI 11-235, Special Tactics Operator Guide, AFIMT 4066																
5.3.3.1. Use FARP references	7/					-	-	-	-	a	b	b	-	-	2b	
5.3.3.2. FARP survey limitations and waivers	7/					-	-	-	-	-	b	B	-	-	2b	
5.3.3.3. Collect FARP data (points, routes, and areas) using GPS and Non-GPS techniques	7/					-	-	-	-	-	b	-	-	-	2b	
5.3.3.4. Evaluate and assess FARP dimensional, Egress and Tanker/Receiver (Fixed Wing/Rotary Wing/Tilt Rotor) Criteria for 1-6 Point FARPS	7/					-	-	-	-	-	b	-	-	-	2b	
5.3.3.5. Evaluate and assess vertical obstacles and depressions	7/					-	-	-	-	-	b	-	-	-	2b	

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5.3.3.6. Calculate FARP distances and angles (degrees) from formulas	7/						-	-	-	-	-	-	-	-	-	2b
5.3.3.7. Collect and determine FARP coordinating instructions/information	7/						-	-	-	-	-	B	-	-	-	2b
5.3.3.8. Conduct FARP Survey (Day)	7/						-	-	-	-	-	B	-	-	-	2b
5.3.3.9. Conduct FARP assessment (Day)	7/						-	-	-	-	-	B	-	-	-	2b
5.3.3.10. Complete FARP Survey form and format	7/						-	-	-	-	-	B	-	-	-	2b
5.3.3.11. Use computing devices/software drawing techniques to complete FARP Diagram	7/						-	-	-	-	-	-	-	-	-	2b
5.3.3.12. Complete MAJCOM FARP survey workflow/routing	7/						-	-	-	-	-	-	-	-	-	2b
5.3.3.13. Conduct FARP Survey (Night)	7/						-	-	-	-	-	B	-	-	-	2b
5.3.3.14. Conduct FARP assessment (Night)	7/						-	-	-	-	-	B	-	-	-	2b
5.3.4. DZ Survey and Assessment TR: AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, AFI 11-410, TO 31R4-2PSN13-1 (DAGR GPS Manual), AF IMT 3823																
5.3.4.1. Use DZ references	5/5						-	-	-	-	a	b	2b	-	-	-
5.3.4.2. DZ survey limitations and waivers	5/5						-	-	-	-	-	b	B	-	-	-
5.3.4.3. Collect DZ data (points, routes, and areas) using GPS and Non-GPS techniques	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.4. Evaluate and assess DZ dimensional, Size Criteria	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.5. Evaluate and assess vertical obstacles and depressions	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.6. Calculate DZ distances and angles (degrees) from formulas	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.7. Collect and determine DZ coordinating instructions/information	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.8. Conduct DZ Survey (Day)	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.9. Conduct tactical DZ survey	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.10. Conduct DZ assessment (Day)	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.11. Complete DZ survey form and format	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.12. Use computing devices/software drawing techniques to complete DZ Diagram	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.13. Complete MAJCOM DZ survey workflow/routing	5/5						-	-	-	-	-	b	2b	-	-	-
5.3.4.14. Conduct DZ Survey (Night)	5/						-	-	-	-	-	-	-	-	-	2b
5.3.4.15. Conduct DZ assessment (Night)	5/5						-	-	-	-	-	-	2b	-	-	-

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5.3.5. Use Assault Zone Evaluation and Survey Equipment TR: ETL 02-19, ETL 97-9																
5.3.5.1. Use strength Evaluation equipment	5/5					-	-	-	-	-	b	2b	-	-	-	-
5.3.5.2. Use soil evaluation equipment						-	-	-	-	-	-	-	-	-	-	2b
5.3.5.3. Survey System – Computing device/Static GPS/Software	5/5					-	-	-	-	-	-	2b	-	-	-	-
5.3.5.4. Survey System – Computing device/Differential GPS/Software	5/					-	-	-	-	-	b	-	-	-	-	2b
5.3.5.5. Use distance measurement tools and equipment	5/5					-	-	-	-	-	-	2b	-	-	-	-
5.3.5.6. Use angular measurement tools and equipment	5/5					-	-	-	-	-	-	2b	-	-	-	-
5.3.5.7. Use photographic material for surveys						-	-	-	-	-	-	-	-	-	-	2b
5.3.5.8. Use electronic mapping, imagery and standoff observation tools						-	-	-	-	-	-	-	-	-	-	2b
5.3.5.9. Utilize Runway friction measurement device						-	-	-	-	-	-	-	-	-	-	2b
5.4. Assault Zone and Airfield Establishment																
5.4.1. LZ Establishment TR: ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide																
5.4.1.1. Establish day amp 1 markings	5/5					-	-	-	-	2b	b	3c	-	-	-	-
5.4.1.2. Establish night amp 1 markings	5/5					-	-	-	-	2b	b	3c	-	-	-	-
5.4.1.3. Identify day amp 2-4 markings	5/5					-	-	-	-	b	b	3c	-	-	-	-
5.4.1.4. Establish night amp 2-4 markings	5/5					-	-	-	-	b	b	3c	-	-	-	-
5.4.1.5. Identify night taxiway markings	5/5					-	-	-	-	2b	b	3c	-	-	-	-
5.4.1.6. Determine placement location for beacons	7/7					-	-	-	-	b	b	2b	-	-	-	4c
5.4.1.7. Determine control point location	7/7					-	-	-	-	1b	b	2b	-	-	-	4c
5.4.1.8. Perform runway crossing point duties	5/5					-	-	-	-	1b	b	2b	-	-	-	-
5.4.1.9. Operate the LZ	7/7					-	-	-	-	-	A	b	-	-	-	4c
5.4.2. HLZ Establishment TR: AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide																
5.4.2.1. Use electronic and visual markings	5/5					-	-	-	1a	-	b	2b	-	-	-	-
5.4.3. FARP Establishment TR: AFI 11-235, Special Tactics Operator Guide																
5.4.3.1. Use electronic and visual markings	5/5					-	-	-	-	-	b	2b	-	-	-	-
5.4.4. DZ Establishment																

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		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
TR: AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide																
5.4.4.1. Use electronic and visual markings	5/5						-	-	-	-	2b	B	3c	-	-	-
5.5. Assault Zone and Airfield Control																
5.5.1. Landing Zone/Airfield Control																
TR: AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, JP 3-09.3, 7110.65																
5.5.1.1. Relay Strength Controlling Reading and Runway Friction Factor (RFF) to appropriate agencies and aircraft	7/7						-	-	-	-	-	b	-	-	-	C
5.5.1.2. Determine controlling agency procedures	7/7						-	-	-	-	-	b	-	-	-	-
5.5.1.3. Determine no communication procedures	7/7						-	-	-	-	a	b	2b	-	-	-
5.5.1.4. Identify support requirements	7/7						-	-	-	-	-	b	2b	-	-	-
5.5.1.5. Determine off-load capabilities /max on ground (MOG)	7/7						-	-	-	-	-	-	-	-	-	C
5.5.1.6. Manage/monitor LZ and airfield operations	7/7						-	-	-	-	-	b	2b	-	-	-
5.5.1.7. Transmit ATC artillery advisories	5/5						-	-	-	-	2b	b	3b	-	-	-
5.5.1.8. Manage LZ and airfield emergency operations	7/7						-	-	-	-	-	b	c	-	-	-
5.5.1.9. Report and document emergency and flight incidents/mishaps	7/7						-	-	-	-	-	b	3b	-	-	-
5.5.2. HLZ Control																
TR: AFI 13-217, AFI 13-217 AFSOC Sup, 7110.65, ATP 3-04.1																
5.5.2.1. Control HLZ operations	7/7						-	-	-	-	2b	b	2b	-	-	4c
5.5.2.2. Hot/Cold infills/exfills	5/5						-	-	-	-	b	b	b	-	-	-
5.5.2.3. Manage HLZ emergency operations	7/7						-	-	-	-	-	b	b	-	-	4c
5.5.2.4. Report and document emergency and flight incidents/mishaps	7/7						-	-	-	-	-	b	b	-	-	4c
5.5.3. FARP Control																
TR: AFI 11-235, Special Tactics Operator Guide																
5.5.3.1. Monitor FARP operations	5/5						-	-	-	-	-	b	b	-	-	-
5.5.3.2. Support requirements	7/7						-	-	-	-	-	b	b	-	-	C
5.5.3.3. Perform emergency procedures	7/7						-	-	-	-	-	b	b	-	-	-
5.5.3.4. Manage FARP emergency operations	7/7						-	-	-	-	-	b	b	-	-	C
5.5.3.5. Report and document emergency and flight incidents/mishaps	7/7						-	-	-	-	-	b	b	-	-	-
5.5.3.6. Plan FARP operations	7/7						-	-	-	-	-	-	-	-	-	2b

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5.5.4. DZ Control TR: AFI 13-217_AFS OCSUP, AFMAN 11-420, FM 3-21.38, Special Tactics Operator Guide																
5.5.4.1. Coordinate and Control	5/5					-	-	-	-	2b	B	3c	-	-	-	-
5.5.4.2. Support Requirement	5/5					-	-	-	-	B	B	c	-	-	-	-
5.5.4.3. Apply Wind Criteria	5/5					-	-	-	-	2b	b	3c	-	-	-	-
5.5.4.4. Drop Altitude	5/5					-	-	-	-	B	B	C	-	-	-	-
5.5.4.5. Compute and mark Ground Marked Release points (GMRS)	5/5					-	-	-	-	2b	b	2b	-	-	-	-
5.5.4.6. Perform verbally imitated release system	5/5					-	-	-	-	2b	b	2b	-	-	-	-
5.5.4.7. Score air drops	5/5					-	-	-	-	b	b	3c	-	-	-	-
5.5.4.8. Determine mean effective wind	5/5					-	-	-	-	2b	b	3c	-	-	-	-
5.5.4.9. Manage DZ emergency operations	5/5					-	-	-	-	B	b	3c	-	-	-	-
5.5.4.10. Report and document emergency and flight incidents/mishaps	5/5					-	-	-	-	-	b	3c	-	-	-	-
5.6. Perform Aircraft Marshaling Techniques AFI 11-218, Special Tactics Operator Guide																
5.6.1. Day marshaling	5/5					-	-	-	-	2b	b	3b	-	-	-	-
5.6.2. Night marshaling	5/5					-	-	-	-	2b	b	3b	-	-	-	-
5.6.3. Marshaling using night vision devices	5/5					-	-	-	-	2b	b	3b	-	-	-	-
5.6.4. Aircraft capabilities and characteristics	5/5					-	-	-	-	B	B	C	-	-	-	-
5.7. DEMOLITION/EXPLOSIVES: TR: TM 3-34.82, TM 3-34.85, FM 23-23_C2, TC 3-23.30, ATP 3-90.4																
5.7.1. Prepare, calculate, and place explosives	5/5					-	-	-	-	2b	b	3b	-	-	-	-
5.7.2. Prepare non-electric firing systems and priming site operations	5/5					-	-	-	-	2b	b	3b	-	-	-	-
5.7.3. Understand electric firing systems and priming site operations	5/5					-	-	-	-	-	-	-	-	-	-	-
5.7.4. Employ smoke grenades	5/5					-	-	-	-	2b	b	3b	-	-	-	-
5.7.5. Employ pyrotechnics	5/5					-	-	-	-	-	a	3b	-	-	-	-
5.7.6. Breaching TTPs	5/5					-	-	-	-	-	-	B	-	-	-	-
5.7.7. Employ Claymore (TC 3-22.23, FM 23-23)	5/5					-	-	-	-	2b	-	B	-	-	-	-
5.8. FIRE SUPPORT OPERATIONS:																
5.8.1. Supporting Arms (Artillery/Naval Fire Support), TR: AFTTP 3-2.64, ATP-04, MCWP 3-16.1, MCWP 3-16.6																

Attachment 2
1C2X1 Specialty Training Standard (STS)

1. Tasks, Knowledge And Technical References	2. UTC/ Core Tasks	3. Certification For OJT					4. Institutional Training Proficiency Code									
		A	B	C	D	E	A 1 Skill Level	B 3 Skill Level				C 5 Skill Level				D 7 Skill Level
		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crs	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crs
5.8.1.1. Capabilities and limitations	5/						-	-	-	-	-	B	B	-	-	-
5.8.1.2. Coordinate	5/						-	-	-	-	-	b	B	-	-	-
5.8.1.3. Plan	5/						-	-	-	-	-	b	B	-	-	-
5.8.1.4. Execute	5/						-	-	-	-	-	b	2b	-	-	-
5.8.2. Fighter/Bomber Strikes TR: AFI 13-112 Vol I & II																
5.8.2.1. Capabilities and limitation	5/						-	-	-	-	-	B	-	-	-	-
5.8.2.2. Coordinate	5/						-	-	-	-	-	b	-	-	-	-
5.8.2.3. Employ	5/						-	-	-	-	-	b	-	-	-	-
5.8.2.4. Execute	5/						-	-	-	-	-	b	-	-	-	-
5.8.3. AC-130 Gunship Fires TR: AFTTP 3-2.64, AFTTP 3-3.AC-130, AFTTP 3-3.JTAC																
5.8.3.1. Capabilities and limitation	5/5						-	-	-	-	B	B	C	-	-	-
5.8.3.2. Coordinate (crew brief)	5/5						-	-	-	-	-	b	B	-	-	-
5.8.3.3. Plan	5/5						-	-	-	-	-	b	3b	-	-	-
5.8.3.4. Execute	5/5						-	-	-	-	-	b	3b	-	-	-
5.8.4. Rotary Wing/Fires TR: AFTTP 3.2.64, AFTTP 3-3.JTAC, JP 3-09.3																
5.8.4.1. Capabilities and limitation	5/5						-	-	-	-	B	B	C	-	-	-
5.8.4.2. Coordinate (crew brief)	5/5						-	-	-	-	-	b	B	-	-	-
5.8.4.3. Plan	5/5						-	-	-	-	-	b	3b	-	-	-
5.8.4.4. Execute	5/5						-	-	-	-	-	b	3b	-	-	-
5.8.5. Marking Equipment TR: AFI 48-139, AFTTP 3-3.JTAC, JP 3- 09.1 Note: Use applicable manufacturer operating manuals where required																
5.8.5.1. Targeting lasers							-	-	-	-	-	B	-	-	-	-
5.8.5.2. Use Infrared (IR) laser points	5/5						-	-	-	-	-	b	3b	-	-	-
5.8.5.3. Employ visual markings	5/5						-	-	-	1b	-	b	3b	-	-	-
5.8.5.4. Operate beacons	5/5						-	-	-	-	-	b	3b	-	-	-
5.8.5.5. Laser safety	5/5						-	-	-	-	-	B	B	-	-	-
5.8.5.6. Employ computing device assisted targeting techniques							-	-	-	-	-	-	-	-	-	-
5.8.6. ISR Platform Capabilities TR: AFTTP 3-2.64, AFTTP 3-3.JTAC, AFTTP 3-3.MQ-1, AFTTP 3-3.MQ-9																
5.8.6.1. Capabilities and limitation	5/5						-	-	-	-	-	B	B	-	-	-
5.8.6.2. Coordinate							-	-	-	-	-	-	-	-	-	-
5.8.6.3. Plan							-	-	-	-	-	-	-	-	-	-
5.8.6.4. Identify employment technique	5/5						-	-	-	-	-	-	1b	-	-	-
5.8.6.5. Employ FMV equipment							-	-	-	-	-	-	-	-	-	-

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		Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	(1) Selection	(1) ATC	(2) Army Airborne	(3) SERE	(4) Appr. Crts	(1) CDC	(2) STTS	(3) USAF Combat Diver Crs	(4) Military Freefall Parachutist	(1) Crts
5.8.6.6. Intelligence functions for Special Tactics	7/7						-	-	-	-	-	-	-	-	-	2b
6. SURVEY AND RECONNAISSANCE																
6.1. Weather (WX), TR: AFMAN 15-111, Special Tactics Operator Guide, Kestrel User's Manual																
6.1.1. Obtain limited WX Observation data	5/5						-	-	-	-	b	b	3b	-	-	-
6.1.2. Use Portable WX device(s)	5/						-	-	-	-	b	2b	-	-	-	-
6.2 Use Survey Data Collection Equipment TR: AFI 13-217 & AFSOC Supp, ETL 09- 6, ETL 97-9, Special Tactics Operator Guide Note: Use specific equipment operating Manuals provided by manufacturer																
6.2.1 Use survey references	7/						-	-	-	-	2b	b	2b	-	-	3b
6.2.2 Calculate distances and angles using survey formulas	7/						-	-	-	-	-	b	2b	-	-	3b
6.2.3 Complete survey forms and formats	7/						-	-	-	-	-	b	2b	-	-	3b
6.2.4 Use computer drawing techniques	7/						-	-	-	-	-	-	-	-	-	3b
6.2.5 Conduct LZ Survey	7/						-	-	-	-	-	-	2b	-	-	3b
6.2.6 Conduct DZ Survey	7/						-	-	-	-	-	b	2b	-	-	3b
6.2.7 Conduct tactical DZ Survey	7/						-	-	-	-	-	b	2b	-	-	3b
6.2.8 Conduct helicopter LZ Survey	7/						-	-	-	-	-	b	2b	-	-	3b
6.2.9 Conduct FARP Survey	7/						-	-	-	-	-	-	-	-	-	3b
6.2.10 Survey limitations and waivers	7/						-	-	-	-	-	B	B	-	-	3b
6.3 Use Survey Data Collection Equipment TR: AFI 13-217 & AFSOC Supp, ETL 09- 6, ETL 97-9, Special Tactics Operator Guide Note: Use specific equipment operating Manuals provided by manufacturer																
6.3.1 Use Survey System Computing devices, software, and GPS	7/						-	-	-	-	-	b	2b	-	-	3b
6.3.2 Trimble	7/						-	-	-	-	-	-	-	-	-	-
6.3.3 Distance measurement tools and equipment	7/						-	-	-	-	-	b	2b	-	-	2b
6.3.4 Angular measurement tools and equipment	7/						-	-	-	-	-	b	2b	-	-	2b
6.3.5 Use Soil Evaluation Equipment	7/						-	-	-	-	-	b	2b	-	-	2b

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6.3.6 Use Runway Friction Measurement Device	7/						-	-	-	-	-	b	2b	-	-	2b
6.4 Reconnaissance																
TR: ATP 3-18.4, JP 3-60, SH 21-76																
6.4.1 Report battlefield information (SALUTE)	5/5						-	-	-	-	2b	b	3b	-	-	-
6.4.2 Report Battlefield Damage Assessment (BDA)	5/5						-	-	-	-	2b	b	3b	-	-	-
6.4.3 Fundamentals of information collection	5/5						-	-	-	-	B	B	-	-	-	-
6.4.4 Use reconnaissance and surveillance tactics, techniques, and procedures	5/5						-	-	-	-	2b	B	B	-	-	-
6.4.5 Perform reconnaissance and surveillance missions	5/5						-	-	-	-	2b	b	3b	-	-	-
6.4.6 Select surveillance observation point	5/5						-	-	-	-	2b	b	3b	-	-	-
6.4.7 Produce reconnaissance products	5/5						-	-	-	-	1b	b	2b	-	-	-
6.4.8 Use reconnaissance and surveillance equipment	5/5						-	-	-	-	2b	b	3b	-	-	-
6.4.9 Perform concealed movement	5/5						-	-	-	1b	2b	b	3b	-	-	-
6.4.10 Small Unmanned Aerial Vehicle (SUAS)							-	-	-	-	-	A	-	-	-	-
6.4.11 Use Computer assisted reconnaissance and surveillance techniques	5/5						-	-	-	-	-	-	3b	-	-	-
7 RECOVERY OPERATIONS																
TR: JP 3-50, Special Tactics Operator Guide																
7.2 Fundamentals of Personnel Recovery (PR)	5/5						-	-	-	-	-	A	B	-	-	-
7.3 Perform Combat Search and Rescue (CSAR)	5/5						-	-	-	-	-	b	2b	-	-	-
7.4 Perform SAR Security Team (SST) duties	5/5						-	-	-	-	-	b	2b	-	-	-
7.5 Use Extraction Equipment							-	-	-	-	-	-	-	-	-	-
8 Irregular Warfare																
TR: AFDD 3-2, Joint Special Operations University, JP 3-22, JP 3-24, JTTP 3-07.1, USSOCOM Directive 525-5(U) / (S/NF)																
8.2 Cultural, Environmental, Political, and Economical dynamics							-	-	-	-	-	-	-	-	-	-
8.3 Cross-cultural communications							-	-	-	-	-	-	-	-	-	-
8.4 Regional familiarization							-	-	-	-	-	-	-	-	-	-

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8.5 Advanced Force Operations						-	-	-	-	-	-	-	-	-	-	
8.6 Advanced Special Operations (ASO)																
8.6.1 Advent Laden	7/					-	-	-	-	-	-	2b/ x	-	-	2b	
8.6.2 Achilles Dagger	7/					-	-	-	-	-	-	-	-	-	-	
8.6.3 Emerald Nomad	7/					-	-	-	-	-	-	-	-	-	-	
8.7 Counter Insurgency (COIN)						-	-	-	-	-	B	-	-	-	-	
8.8 Foreign Internal Defense (FID)						-	-	-	-	-	B	-	-	-	-	
9 HISTORY TR: AFPD 10-35, AFI 13-219, Eye of the Storm, by Gene Adcock, No Room for Error, Col (Ret) John Carney, Deadly Blue by Fred Pushies																
9.2 CCT history	5/5					A	-	-	-	B	B	B	-	-	-	
9.3 Special Tactics History, Roles, Capabilities and Mission Areas	5/5					A	-	-	-	B	B	B	-	-	-	
10 TRAINING AND STAN EVAL TR: AFI 36-2201, AFI 13-219, AFI 36-2101																
10.2 Maintain training record	7/7					-	-	-	-	-	-	1a	-	-	3c	
10.3 Evaluate personnel to determine training needs	7/7					-	-	-	-	-	-	-	-	-	3c	
10.4 Plan training and supervise OJT	7/7					-	-	-	-	-	-	-	-	-	3c	
10.5 Prepare job qualification standards	7/7					-	-	-	-	-	-	-	-	-	3c	
10.6 Conduct training	7/7					-	-	-	-	-	-	-	-	-	3c	
10.7 Counsel trainees on their progress and record	7/7					-	-	-	-	-	-	-	-	-	3c	
10.8 Monitor effectiveness of training	7/7					-	-	-	-	-	-	-	-	-	3c	
10.9 Monitor career knowledge upgrade	7/7					-	-	-	-	-	-	-	-	-	3c	
10.10 Monitor job proficiency upgrade	7/7					-	-	-	-	-	-	-	-	-	3c	
10.11 Monitor qualification training	7/7					-	-	-	-	-	-	-	-	-	3c	
10.12 Evaluate training program effectiveness	7/7					-	-	-	-	-	-	-	-	-	3c	
10.13 Recommend personnel for training	7/7					-	-	-	-	-	-	-	-	-	3c	
10.14 Continuation Training and Readiness	7/7					-	-	-	-	-	B	-	-	-	C	
10.15 Stan Eval Program	7/7					-	-	-	-	-	-	-	-	-	B	

Attachment 3 1C2X1 Additional Training References

A3. 1C2X1 Additional Training References.

LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
COMSEC				
1.1.1.	B	B	Security Violations	AFMAN 17-1302-0 (FOUO), DODM 5200.01v1
1.1.2.	B	B	EEFIs	AFMAN 17-1302-0 (FOUO), DODM 5200.01v1
1.1.3.	B	B	Security precautions	AFMAN 17-1302-0 (FOUO), AFI 35-102, DODM 5200.01v1
1.1.4.				
OPSEC				AFI 1-1, AFI 10-701, AFI 35-101
1.2.1.	B	B	OPSEC	AFI 10-701, AFI 35-101
1.2.2.	B	B	OPSEC to COMSEC relationship	AFI 10-701, AFI 35-101
1.2.3.	B	B	OPSEC vulnerabilities	AFI 10-701, AFI 35-101
1.2.4.	B	B	OPSEC significance of unclassified data	AFI 10-701, AFI 35-101
1.2.5.	B	B	Counterintelligence responsibilities	AFI 10-701, AFI 35-101
1.2.6.	B	B	Social media vulnerabilities	AFI 1-1, AFI 10-701, AFI 35-101
HEALTH, FIRST AID, SURVIVAL, & RESILIENCY				FM 3-05.70, FM 6-22.5, AR 40-25, ATP 6-22.5, AFH 31-109, TC 4-02.1, FM 4-25.11, AFI 13-219v2, AFMAN 44-163, AFI 44-141, SS521-AG-PRO-010, AFSOC Pamphlet 48-2
1.3.1.	-	1b	Tactical Combat Casualty Care (TCCC)	AFMAN 44-163, AFSOC Pamphlet 48-2, FM 4-25.11, TC 4-02.1
1.3.2.	2b		Demonstrate Battlefield Survivability	
1.3.3.	-	3b	Maintain CPR certification	AFMAN 44-163, FM 4-25.11, TC 4-02.1
1.3.4.	2b		Perform Foot Care	
1.3.5.	3b	3b	Perform progressive physical training	AFI 13-219v2, ATP 6-22.5
1.3.6.	3b	3b	Perform surface swimming	AFI 13-219v2
1.3.7.	1b	3b	Perform progressive surface/sub-surface water skills training	AFI 13-219v2, SS521-AG-PRO-010
1.3.9.	1b		Perform Self aid Buddy Care	
1.3.10.	B	B	Stress education	AFH 31-109, ATP 6-22.5, FM 3-05.70, FM 6-22.5
1.3.11.	B	B	Cognitive and behavior stress management	AFH 31-109, ATP 6-22.5, FM 3-05.70, FM 6-22.5
1.3.12.	2b	2b	Complete stress inoculation	ATP 6-22.5, FM 6-22.5
1.3.13.	B	C	Human performance program nutrition	AFI 44-141, AR 40-25
1.3.14.			Supervise cognitive and behavior stress management tools	
1.3.15.			Lead Human Performance Nutrition Program	
SMALL UNIT TACTICS				FM 7-100.1, FM 7-85, ATTP 3-34.39, TC 4-02.3, FM 21-18, FM 21-31, FM 21-60, TC 3-21.75, FM 3-99, SH 21-76
1.4.1.1.	2b	3b	Formations	FM 3-99, FM 7-100.1, FM 7-85, FM 21-18, FM 21-60, SH 21-76, TC 3-21.75
1.4.1.2.	2b	3b	Defensive fire techniques	FM 3-99, FM 7-100.1, FM 7-85, SH 21-76, TC 3-21.75
1.4.1.3.	2b	3b	Immediate Action Drills	FM 3-99, FM 7-100.1, FM 7-85, FM 21-18, FM 21-60, SH 21-76, TC 3-21.75
1.4.1.4.	1b	3b	Perform Live fire day immediate action drills	FM 3-99, FM 7-100.1, FM 7-85, FM 21-18, SH 21-76, TC 3-21.75
1.4.1.5.	1b	3b	Perform Live fire night immediate action drills	FM 3-99, FM 7-100.1, FM 7-85, FM 21-18, SH 21-76, TC 3-21.75

Attachment 3 1C2X1 Additional Training References

LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
1.4.1.6.	2b	3b	Team member assignments and responsibilities	FM 7-100.1, FM 7-85, FM 21-18, SH 21-76, TC 3-21.75
1.4.1.7.	2b	3b	Arm and hand signals	FM 7-100.1, FM 7-85, FM 21-60, SH 21-76, TC 3-21.75
1.4.1.8.	2b	3b	Bivouac and patrol base duties	FM 7-100.1, FM 7-85, SH 21-76, TC 3-21.75
1.4.1.9.	2b	3b	Camouflage, Cover, and Concealment	ATTP 3-34.39, FM 7-100.1, FM 7-85, FM 21-31, SH 21-76, TC 3-21.75
1.4.1.10.	2b	3b	Danger Area procedures	FM 3-99, FM 7-100.1, FM 7-85, SH 21-76, TC 3-21.75
1.4.1.11.	2b	3b	Field hygiene techniques	FM 7-100.1, FM 7-85, FM 21-18, SH 21-76, TC 4-02.3, TC 3-21.75
1.4.1.12.	2b	2b	Night observation techniques	FM 7-100.1, FM 7-85, SH 21-76, TC 3-21.75
1.4.1.13.	2b		Perform Small Unit Tactics using protective mask	
1.4.1.14.			Lead overland infil and exfil operations (utilizes all above functions)	
CQB				
1.4.2.1.		1b	Perform basic CQB tactics	720 STG SOP, SH 21-76
1.4.2.2.		1b	Perform non-ballistic engagement tactics	720 STG SOP, SH 21-76
1.4.2.3.		1b	Perform enemy detainment and control tactics	720 STG SOP, SH 21-76
OPERATING ENVIRONMENTAL				ATP 3-06.11, ATP 3-11.32, ATP 3-90.97, FM 3-06, FM 31-70, FM 90-3, FM 90-5, USSOCOM M 350-4v2 (FOUO)
1.5.1.	1b	3b	Jungle environment	FM 90-5
1.5.2.	2b	3b	Mountain environment	ATP 3-90.97, FM 31-70
1.5.3.	2b	3b	Desert environment	FM 90-3
1.5.4.	2b	3b	Cold weather environment	FM 31-70, FM 31-71
1.5.5.	2b	3b	Urban environment	ATTP 3-06.11, FM 3-06
1.5.6.	2b	3b	Maritime environment	USSOCOM M 350-4v2 (FOUO)
1.5.7.	2b	3b	Nuclear, Biological, Chemical environment	ATP 3-11.32
1.5.8.	2b	3b	Night environment	
WEAPON TRAINING				
HANDGUN				AFI 36-2654, AFMAN 36-2655, FM 3-23.35, TO 11W3-3-4-21, TO 11W3-4-22, TO 11W3-3-5-1
1.6.1.2.	-	3c	Perform fundamentals of fire	AFI 36-2654, AFMAN 36-2655, FM 3-23.35, TO 11W3-3-4-21, TO 11W3-4-22, TO 11W3-3-5-1
1.6.1.3.	2b	3b	Perform protective mask firing	AFI 36-2654, AFMAN 36-2655, FM 3-23.35
1.6.1.4.	1b	3c	Perform night firing	AFI 36-2654, AFMAN 36-2655, FM 3-23.35
1.6.1.5.	-	b	Perform fundamentals of concealed weapons/low visibility firing	AFI 36-2654, AFMAN 36-2655, FM 3-23.35
1.6.1.6.	2b	3c	Perform fundamentals of fire with ST common pistol	AFI 36-2654, AFMAN 36-2655, FM 3-23.35, TO 11W3-3-4-21, TO 11W3-4-22, TO 11W3-3-5-1
RIFLE				AFI 36-2654, AFMAN 36-2655, TC 3-22.9, TO 11W3-5-5-41, FM 23-10, MCTP 3-01E
1.6.2.1.	-	2b	Qualify with ST Carbine	AFI 36-2654, AFMAN 36-2655
1.6.2.2.	2b	3c	Perform fundamentals of fire	AFI 36-2654, AFMAN 36-2655, TC 3-22.9, TO 11W3-5-5-41
1.6.2.3.	2b	3c	Perform protective mask firing	AFI 36-2654, AFMAN 36-2655
1.6.2.4.	2b	3c	Perform night firing	AFI 36-2654, AFMAN 36-2655

Attachment 3 1C2X1 Additional Training References

LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
1.6.2.5.	-	1b	Perform fundamentals long range high precision weapon firing	AFI 36-2654, AFMAN 36-2655, FM 23-10, MCTP 3-01E, TC 3-22.9, TO 11W3-5-5-41
1.6.2.6.	-			
GRENADA LAUNCHER				TO 11W3-9-4-1, FM 3-22.31, TO 11W3-9-4-1
1.6.3.1.	-	2b	Perform fundamentals of fire	FM 3-22.31, TO 11W3-9-4-1
LIGHT MACHINE GUN				FM 3-22.68
1.6.4.1.	3b		Perform fundamentals of fire	FM 3-22.68
40MM CREW SERVED WEAPON				TM 3-22.31
1.6.5.1.	-	2b	Perform fundamentals of fire	TM 3-22.31
HAND GRENADES				
1.6.6.1.	3b		Employ hand grenades	FM 3-23.30
7.62MM CREW SERVED WEAPON				TO 11W2-6-5-1, FM 3-22.68
1.6.8.1	-	2b	Perform fundamentals of fire	FM 3-22.68, TO 11W2-6-5-1
SHOULDER FIRED ROCKETS				TM 3-23.25
1.6.9.1.	-	b	Perform fundamentals of fire	TM 3-23.25
60MM Mortar				FM 3-22.91
1.6.10.1.	-	B	Mortar system capability	FM 3-22.91
SAFEGUARD, STORE, TRANSPORT & SAFETY HANDLE				
1.6.11.1.	2b	2c	Weapons	AFMAN 31-129, AFMAN 91-201
1.6.11.2.	2b	2c	Ammunition	AFMAN 31-129, AFMAN 91-201
1.6.11.3.	2b	2c	Explosives	AFMAN 31-129, AFMAN 91-201
COMMUNICATIONS, COMPUTING DEVICES, TEAM LEADER C2 & INTELLIGENCE				
COMMUNICATION				Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.1.	-	3b	Operate Powered generators	Harris Publication Number 10515-0319-4200
2.1.2.	2b	3b	Operate PRC-117G	Harris Publication Number 10515-0319-4200
2.1.3.	-		Operate PRC-117F	
2.1.4.	-		Operate PRC-138	
2.1.5.	1b	3b	Operate PRC-150	Harris Publication Number 10515-0103-4100
2.1.6.	2b	3b	Operate PRC-152A	Harris Publication Number 10515-0283-4200
2.1.7.	-		Operate PRC-148	
2.1.8.	-		Operate PSC-5D	
2.1.9.	2b	3b	Operate secure voice systems	Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.10.	2b	3b	Operate crypto storage device	Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.11.	2b	3b	Perform satellite comm voice	Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.12.	-	3b	Perform data communications	Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.13.	-	3b	Perform Have Quick communications	Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.14.	-		Operate SINCGARS	

Attachment 3 1C2X1 Additional Training References

LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
2.1.15.	-	3b	Perform Over the Air Rekey (OTAR)	Harris Publication Number 10515-0103-4100, Harris Publication Number 10515-0283-4200, Harris Publication Number 10515-0319-4200
2.1.16.	-		Operate Situational Awareness mode (SA)	
2.1.17.	-	B	Utilize JCEOI	
2.1.18.	1b	2b	Perform principles of HF	Harris Publication Number 10515-0103-4100
TEAM LEADER COMMAND AND CONTROL				AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
2.2.1.	2b	3b	Perform command and control of personnel	AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
2.2.2.	2b	3c	Perform personnel/equipment accountability	AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
2.2.3.	2b	3c	Safety and security	AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
2.2.4.	2b		Debrief and Reconstitute	AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
2.2.5.	2b	3c	Operate communications nets	AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
2.2.6.	2b	3c	Use transmissions formats	AF Form 1924 Events Log, DD Form 1753 Master Station Log, SH 21-76, Special Tactics Operator Guide
INTELLIGENCE				ATP 2-01, JP 2-0, JP 2-01
2.3.1.	B	C	Intelligence functions	ATP 2-01, JP 2-0, JP 2-01
2.3.2.	B	C	Intelligence organizations	ATP 2-01, JP 2-0, JP 2-01
2.3.3.	2b	3b	Formulate RFI's	
MISSION PREPARATION				
MISSION ANALYSIS AND PLANNING				AF 4329, AF 4330, AFI 90-1601_AFSOCSUP, AFI 90-802, AFPAM 90-902, AFPD 90-8, FM 7-85, JP 5-0, SH 21-76, Special Tactics Operator Guide
3.1.1.	2b	3c	Conduct troop leading procedures	FM 7-85, SH 21-76, Special Tactics Operator Guide
3.1.2..	-	2c	Apply principles of MDMP	JP 5-0
3.1.3.	2b	2b	Perform mission analysis	JP 5-0
3.1.3.1.	a	b	Apply lessons learned	AF 4329, AFI 90-1601_AFSOCSUP
3.1.3.2.	A	B	After actions reports	AF 4330
3.1.4.	B	2b	Develop concept of operations	JP 5-0
3.1.5.	-	2b	Perform Risk Management (RM)	AFI 90-802, AFPAM 90-902, AFPD 90-8
3.1.6.	-	2b	Prepare warning order	FM 7-85, SH 21-76, Special Tactics Operator Guide
3.1.7.	2b	3b	Perform detailed planning	JP 5-0
3.1.8.	2b	3b	Brief operational order	FM 7-85, SH 21-76, Special Tactics Operator Guide
3.1.9.	2b	3b	Prepare mission equipment	FM 7-85, SH 21-76, Special Tactics Operator Guide
3.1.10.	2b	3b	Perform brief-back	FM 7-85, SH 21-76, Special Tactics Operator Guide
3.1.11.	2b	3b	Conduct rehearsal and inspection	

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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
3.1.12.	2b	3b	Run execution checklist	FM 7-85, SH 21-76, Special Tactics Operator Guide
3.1.13.	-	B	Interpret JCEOI	
3.1.14.	-		Lead and Plan Mission	
INFILTRATE / EXFILTRATE				
AIRBORNE OPERATIONS				AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-99, TC 3-21.220
4.1.1.	2b	3b	Perform day combat equipment jump (S/L)	AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-99, TC 3-21.220
4.1.2.	2b	3b	Perform night combat equipment jump (S/L)	AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-99, TC 3-21.220
4.1.3.		2b	Perform day water jump (S/L)	AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-99, TC 3-21.220
4.1.4.		2b	Perform night water jump (S/L)	AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-99, TC 3-21.220
HALO TEAM MEMBER				
4.2.1.		3b	Perform day jump with combat equipment (MFF)	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
4.2.2.		3b	Perform night jump with combat equipment (MFF)	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
4.2.3.		2b	Perform day water jump (MFF)	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
4.2.4.		2b	Perform night water jump (MFF)	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
4.2.5.		2b	Perform day jump with combat equipment O2 (MFF)	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
4.2.6.		2b	Perform night jump with combat equipment O2 (MFF)	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
ADVANCED MFF QUALIFICATIONS				
4.6.6.		2b	Utilize NVGs for parachute operations	AFI 11-409, AFI 11-410, AFI 13-217_AFSOCSUP, AFMAN 11-4111, AFMAN 11-420, FM 3-99
RIG, LOAD, & SECURE WATER CRAFT ON:				
4.7.1.		1a	RAMZ	AFI 16-1202, SOCOM M 350-4 V2, Special Tactics Operator Guide, TO 13C7-51-21
EMPLOY WATER CRAFT				
4.8.1.		2b	RAMZ	AFI 16-1202, SOCOM M 350-4 V2, Special Tactics Operator Guide, TO 13C7-51-21
PERFORM HELOCAST				
4.9.1.		2b	Day helocast	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.9.2.		2b	Night helocast	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
PERFORM ALTERNATE INSERTION / EXTRACTION METHODS				
4.10.1.	2b		Caving Ladder	
4.10.7.	2b	3b	Tower fast-rope	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-7
4.10.8.	2b	3b	Day helo fast-rope insertion	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6

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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
4.10.9.	2b	3b	Night helo fast-rope insertion	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.10.10.	2b	3b	Day equipment helo fast-rope insertion	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.10.11.	2b	3b	Night equipment helo fast-rope insertion	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.10.14.	2b	3b	Tower rappel	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.10.15.		3b	Helo rappel	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
PERFORM COMBAT DIVER OPERATIONS				
4.11.1.		3b	Day open circuit dive	AFTTP 3-2.75, SS521-AG-PRO-010 (USN Diving Manual), 1LCAZP1XXXX 01OB,
4.11.5.		3b	Day search dive	AFTTP 3-2.75, SS521-AG-PRO-010 (USN Diving Manual), 1LCAZP1XXXX 01OB, LCAZP1XXXX 01CB
4.11.9.		2b	Waterproof mission equipment/tactical gear for diving	AFTTP 3-2.75, SS521-AG-PRO-010 (USN Diving Manual), 1LCAZP1XXXX 01OB, LCAZP1XXXX 01CB
PERFORM SMALL BOAT OPERATIONS				
4.12.1.		2b	CRRC	USSOCOM M350-4 V2, Special Tactics Operator Guide
PERFORM TACTICAL AIRLAND OPERATIONS				
4.14.1.	2b/x	3b	Day rotary wing infil and exfil	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.14.2.	2b/x	3b	Night rotary wing infil and exfil	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.14.3.		3b	Day fixed wing infil and exfil	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.14.4.		3b	Night fixed wing infil and exfil	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
4.14.5.		2b	Tilt rotor familiarization	AFI 16-1202, Special Tactics Operator Guide, USSOCOM M 350-6
PERFORM ALL-TERRAIN VEHICLE OPERATIONS (SOCOM SPECIFIC)				MSF Dirt Bike School, Special Tactics Operator Guide, USSOCOM M 350-6
4.15.1.		3b	Motorcycle fam and operator maintenance	MSF Dirt Bike School
4.15.2.		3b	Motorcycle off-road night	MSF Dirt Bike School
4.15.3.		2b	Night motorcycle aviation environment (Including RAPIDS)	MSF Dirt Bike School, Special Tactics Operator Guide, USSOCOM M 350-6
4.15.4.		3b	ATV familiarization and operator maintenance	ASI ATV Rider Course
4.15.5.		3b	ATV off-road night	ASI ATV Rider Course
4.15.6.		2b	Night ATV aviation environment (Including RAPIDS)	ASI ATV Rider Course, Special Tactics Operator Guide, USSOCOM M 350-6
4.15.7.		3b	Multi person ATV familiarization and operator maintenance	ASI ATV Rider Course
4.15.8.		3b	Multi-person ATV off-road night	ASI ATV Rider Course
4.15.9.		2b	Night multi-person ATV aviation environment (Including RAPIDS)	ASI ATV Rider Course, Special Tactics Operator Guide, USSOCOM M 350-6
PERFORM TACTICAL VEHICLE OPERATIONS				Special Tactics Operator Guide, USSOCOM M 350-6
4.16.1.		2b	Night HMMWV aviation environment (Including RAPIDS)	Special Tactics Operator Guide, USSOCOM M 350-6
TACTICAL CONVOY OPERATIONS				Handbook No. 04-24, Handbook No. 04-27, Vehicle T.O.

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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
4.17.1.		1b	Convoy operation CONOPS	Handbook No. 04-24
4.17.2.		2b	Perform tactical convoy OPS	Handbook No. 04-24, Handbook No. 04-27
4.17.3.		2b	Establish blocking positions	Handbook No. 04-24, Handbook No. 04-27
4.17.4.		2b	Perform mount/dismount drills	Handbook No. 04-24, Handbook No. 04-27
4.17.5.		2b	Perform disabled vehicle drills	Handbook No. 04-24, Handbook No. 04-27
4.17.6.		2b	Perform immediate action drills	Handbook No. 04-24, Handbook No. 04-27
4.17.7.		2b	Mounted communications techniques	Handbook No. 04-24, Handbook No. 04-27
4.17.9.		B	Identify crew positions responsibilities	Handbook No. 04-24, Handbook No. 04-27
4.17.10.		2b	Armored vehicle familiarization and operator maintenance	Handbook No. 04-24, Vehicles T.O.
4.17.11.		2b	Armored vehicle on/off road movement day and night	Handbook No. 04-24, Handbook No. 04-27
PERFORM LAND NAVIGATION USING:				FM 3-25.26_C1, NOTE: Use applicable GPS operator manuals (DAGR manual: TO 31R4-2PSN13-1)
4.18.1.	2b	3b	Maps and grid systems	FM 3-25.26_C1
4.18.2.	2b	3b	Magnetic compass	FM 3-25.26_C1
4.18.3.	2b	3b	Aerial photo and imagery	FM 3-25.26_C1
4.18.4.	2b	3b	GPS navigation with PSN-13 (DAGR or current program of record)	TO 31R4-2PSN13-1, FM 3-25.26_C1
4.18.5.		2b	Technology enabled navigation techniques (Falcon View or equivalent)	
TERMINAL CONTROL				
USE NAVAIDS				Aeronautical Information Handbook, Special Tactics Operator Guide
5.1.1.	B	B	TACAN	Aeronautical Information Handbook, Special Tactics Operator Guide
5.1.2.	2b	3b	Beacons	Aeronautical Information Handbook, Special Tactics Operator Guide
ASSAULT ZONE & AIRFIELD APPROVED OR SUITABILITY RATED PRODUCTS & INFORMATION ACCESS				Aeronautical Information Manual, AFI 13-217_AFSOCSUP, AMC Form 174, AMCI 11-211, Federal Aviation Administration, Special Tactics Operator Guide, Zone Availability Report
5.2.1.	B	2b	MAJCOM AZ database	Zone Availability Report
5.2.2.		b	DoD/NGA or FAA AeroNav flight information publication (FLIP) products and procedures	Aeronautical Information Manual, Federal Aviation Administration
5.2.3.		B	Airfield Survey (AMC Form 174)	AFI 13-217_AFSOCSUP, AMC Form 174, AMCI 11-211, Special Tactics Operator Guide
EVALUATION / SURVEY & ASSESSMENT				
LANDING ZONE EVALUATION / SURVEY & ASSESSMENT				UFC 3-260-03, ETL 02-19, ETL 09-6 (FOUO), ETL 97-9, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.1.1.		2b	Use evaluation/survey references	AFI 13-217 & AFSOC Supp
5.3.1.2.		B	LZ survey limitations and waivers	AFI 13-217 & AFSOC Supp
5.3.1.3.		2b	Collect LZ data (points, routes, and areas) using GPS and Non-GPS techniques	ETL 97-9 / 09-7, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, TO 31R4-2PSN13-1
5.3.1.4.	a	2b	Evaluate and assess C-17, C-130, and Light Tactical Fixed Wing (LTFW) dimensional and gradient Criteria	ETL 09-6 (except LTFW), AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.1.5.	a	2b	Evaluate and assess Glide Slopes	ETL 09-6, AFI 13-217 & AFSOC Supp
5.3.1.6.		2b	Evaluate and assess vertical obstacles	ETL 09-6, AFI 13-217 & AFSOC Supp

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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
5.3.1.7.		2b	Calculate LZ distances and angles (percent/degrees) from formulas	ETL 09-6, AFI 13-217 & AFSOC Supp
5.3.1.8.	a	1b	Conduct and assess Semi-Prepared Airfield Inspection on Movement Areas Surface Distresses	ETL 97-9, ETL 2-19
5.3.1.9.		1b	Determine Rolling Friction Factor (RFF)	ETL 97-9
5.3.1.10.		1b	Determine Runway Condition Rating (RCR)/Braking Action	ETL 97-9
5.3.1.11.		B	Determine surface or soil classification type	ETL 97-9
5.3.1.12.		1b	Determine Semi-prepared (unpaved) number and location of strength tests	ETL 97-9, ETL 09-6
5.3.1.13.		2b	Conduct Strength tests and record data (manual and automated)	ETL 97-9
5.3.1.14.		B	Correlate Strength test data into depth and California Bearing Ratio (CBR), break data into a reading (layer profile with thickness and CBRs)	ETL 2-19, ETL 97-9
5.3.1.15.		B	Determine Semi-prepared (unpaved) Controlling Layer for readings with corresponding Pass level and weight bearing capacity(WBC)/Allowable Gross Load (AGL)	ETL 97-9
5.3.1.16.		B	Determine Semi-prepared (unpaved) strength controlling reading to rate each Runway, Taxiway, Apron (Pass level and WBC/AGL)	ETL 97-9
5.3.1.18.		B	Collect and determine LZ coordinating instructions/information	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.1.19.		1b	Conduct LZ survey (day)	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.1.20.		1b	Conduct LZ assessment (day)	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.1.21.		B	Complete LZ survey form and format	AFI 13-217 & AFSOC Supp
5.3.1.23.		B	Complete MAJCOM LZ survey workflow/routing	AFI 13-217 & AFSOC Supp
HAZ SURVEY & ASSESSMENT				AFI 13-217 AFSOC SUP, Special Tactics Operator Guide, FM 3-21.38 Pathfinder Operations
5.3.2.1.	a	b	Use HLZ references	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.2.2.		B	HLZ survey limitations and waivers	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.2.3.		2b	Collect HLZ data (points, routes, and areas) using GPS and Non-GPS techniques	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, TO 31R4-2PSN13-1
5.3.2.4.		2b	Evaluate and assess HLZ dimensional, obstructed/unobstructed Quadrant and Slope Criteria	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.2.5.		2b	Evaluate and assess Glide Slopes	FM 3-21.38 Pathfinder Operations, Special Tactics Operator Guide
5.3.2.6.		2b	Evaluate and assess vertical obstacles	FM 3-21.38 Pathfinder Operations, Special Tactics Operator Guide
5.3.2.7.		2b	Calculate HLZ distances and angles (degrees) from formulas	FM 3-21.38 Pathfinder Operations, Special Tactics Operator Guide
5.3.2.8.		B	Collect and determine LZ coordinating instructions/information	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.2.9.		2b	Conduct HLZ Survey (Day)	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.2.10.		2b	Conduct HLZ assessment (Day)	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide

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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
5.3.2.11.		2b	Complete HLZ survey form and format	Special Tactics Operator Guide
5.3.2.12.		2bB	Use computing device/software drawing techniques to complete HLZ Diagram	
FARP SURVEY & ASSESSMENT				AFI 11-235, Special Tactics Operator Guide, AF IMT 4066
5.3.3.1.	a	b	Use FARP references	AFI 11-235, Special Tactics Operator Guide
5.3.3.2.		B	FARP survey limitations and waivers	AFI 11-235
5.3.3.7.		B	Collect and determine FARP coordinating instructions/information	AFI 11-235
5.3.3.8.		B	Conduct FARP Survey (Day)	AFI 11-235, Special Tactics Operator Guide, AF IMT 4066
5.3.3.9.		B	Conduct FARP assessment (Day)	AFI 11-235, Special Tactics Operator Guide, AF IMT 4066
5.3.3.10.		B	Complete FARP survey form and format	AFI 11-235, Special Tactics Operator Guide, AF IMT 4066
5.3.3.13.		B	Conduct FARP Survey (Night)	AFI 11-235, Special Tactics Operator Guide, AF IMT 4066
5.3.3.14.		B	Conduct FARP assessment (Night)	AFI 11-235, Special Tactics Operator Guide, AF IMT 4066
DZ SURVEY & ASSESSMENT				AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, AFI 11-410, TO 31R4-2PSN13-1 (DAGR GPS Manual), AF IMT 3823
5.3.4.1.	a	2b	Use DZ references	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, AFI 11-410
5.3.4.2.		B	DZ survey limitations and waivers	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.4.3.		2b	Collect DZ data (points, routes, and areas) using GPS and Non-GPS techniques	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, TO 31R4-2PSN13-1
5.3.4.4.		2b	Evaluate and assess DZ dimensional, Size Criteria	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, AFI 11-410
5.3.4.5.		2b	Evaluate and assess vertical obstacles and depressions	Special Tactics Operator Guide, FM 3-21.38 Pathfinder Operations
5.3.4.6.		2b	Calculate DZ distances and angles (degrees) from formulas	Special Tactics Operator Guide, FM 3-21.38 Pathfinder Operations
5.3.4.7.		2b	Collect and determine DZ coordinating instructions/information	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.4.8.		2b	Conduct DZ Survey (Day)	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, AF IMT 3823
5.3.4.9.		2b	Conduct tactical DZ survey	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.3.4.10.		2b	Conduct DZ assessment (Day)	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, AF IMT 3823
5.3.4.11.		2b	Complete DZ survey form and format	AFI 13-217, AFI 13-217 AFSOC SUP, AF IMT 3823
5.3.4.12.		2b	Use computing device/software drawing techniques to complete DZ Diagram	
5.3.4.14.		2b	Conduct DZ assessment (Night)	AFI 13-217, AFI 13-217 AFSOC SUP, Special Tactics Operator Guide, AF IMT 3823
USE ASSAULT ZONE EVALUATION & SURVEY EQUIPMENT				
5.3.5.1.		2b	Strength Evaluation equipment	ETL 02-19, ETL 97-9
5.3.5.3.		2b	Survey System- Computing device/Static GPS /software	ETL 02-19, ETL 97-9
5.3.5.5.		2b	Distance measurement tools and equipment	ETL 02-19, ETL 97-9
5.3.5.6.		2b	Angular measurement tools and equipment	ETL 02-19, ETL 97-9

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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
ASSAULT ZONE & AIRFIELD ESTABLISHMENT				
LZ ESTABLISHMENT				
5.4.1.1.	2b	3c	Establish day amp 1 markings	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.2.	2b	3c	Establish night amp 1 markings	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.3.	b	3c	Identify day amp 2-4 markings	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.4.	b	3c	Identify night amp 2-4 markings	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.5.	2b	3c	Determine night taxiway markings	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.6.	b	2b	Determine placement location for beacons and TACAN	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.7.	1b	2b	Determine control point location	ETL 09-6, AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.4.1.8.	1b	2b	Perform runway crossing point duties	STS Checklist
HLZ ESTABLISHMENT				
5.4.2.1.		2b	Use electronic and visual markings	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
FARP ESTABLISHMENT				
5.4.3.1.		2b	Use electronic and visual markings	AFI 11-235, Special Tactics Operator Guide
DZ ESTABLISHMENT				
5.4.4.1.	2b	3c	Use electronic and visual markings	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
ASSAULT ZONE & AIRFIELD CONTROL				
LANDING ZONE / AIRFIELD CONTROL				AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, JP 3-09.3, 7110.65
5.5.1.3.	a	2b	Determine no communication procedures	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.5.1.4.		2b	Identify support requirements	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.5.1.6.		2b	Manage/monitor LZ and airfield operations	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.5.1.7.	2b	3b	Transmit ATC artillery advisories	JP 3-09.3
5.5.1.8.		c	Manage LZ and airfield emergency operations	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, 7110.65
5.5.1.9.		3b	Report and document emergency and flight incidents/mishaps	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, 7110.65
HLZ CONTROL				AFI 13-217, AFI 13-217 AFSOC SUP, 7110.65, ATP 3-04.1
5.5.2.1.	2b	2b	Control HLZ operations	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide
5.5.2.2.	b	b	Hot/Cold infills/exfills	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, ATP 3-04.1
5.5.2.3.		b	Manage HLZ emergency operations	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, 7110.65
5.5.2.4.		b	Report and document emergency and flight incidents/mishap	AFI 13-217 & AFSOC Supp, Special Tactics Operator Guide, 7110.65
FARP CONTROL				
5.5.3.1.		2b	Monitor FARP operations	AFI 11-235, Special Tactics Operator Guide
5.5.3.2.		b	Support Requirements	AFI 11-235, Special Tactics Operator Guide
5.5.3.3.		b	Perform emergency procedures	AFI 11-235, Special Tactics Operator Guide
5.5.3.4.		b	Manage FARP emergency operations	AFI 11-235

Attachment 3 1C2X1 Additional Training References

LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
5.5.3.5.		b	Report and document emergency and flight incidents/mishaps	AFI 11-235
DZ CONTROL				AFI 13-217_AFSOCSUP, AFMAN 11-420, FM 3-21.38, Special Tactics Operator Guide
5.5.4.1.	2b	3c	Coordinate and Control	AFI 13-217_AFSOCSUP, Special Tactics Operator Guide
5.5.4.2.	B	c	Support Requirements	AFI 13-217_AFSOCSUP, Special Tactics Operator Guide
5.5.4.3.	2b	3c	Apply Wind Criteria	AFI 13-217_AFSOCSUP, AFMAN 11-420, Special Tactics Operator Guide
5.5.4.4.	B	C	Drop Altitude	AFI 13-217_AFSOCSUP, AFMAN 11-420, Special Tactics Operator Guide
5.5.4.5.	2b	2b	Compute and mark Ground Marked Release points (GMRS)	AFI 13-217_AFSOCSUP, FM 3-21.38, Special Tactics Operator Guide
5.5.4.6.	2b	2b	Perform verbally initiated release system	AFI 13-217_AFSOCSUP, FM 3-21.38, Special Tactics Operator Guide
5.5.4.7.	b	3c	Score air drops	AFI 13-217_AFSOCSUP, FM 3-21.38, Special Tactics Operator Guide
5.5.4.8.	2b	3c	Determine mean effective wind	AFI 13-217_AFSOCSUP, FM 3-21.38, Special Tactics Operator Guide
5.5.4.9.	B	3c	Manage DZ emergency operations	AFI 13-217_AFSOCSUP, FM 3-21.38, Special Tactics Operator Guide
5.5.4.10.		3c	Report and document emergency and flight incidents/mishaps	AFI 13-217_AFSOCSUP, FM 3-21.38, Special Tactics Operator Guide
PERFORM AIRCRAFT MARDHALLING TECHNIQUES				
5.6.1.	2b	3b	Day marshaling	AFI 11-218, Special Tactics Operator Guide
5.6.2.	2b	3b	Night marshaling	AFI 11-218, Special Tactics Operator Guide
5.6.3.	2b	3b	Marshaling using night vision devices	AFI 11-218, Special Tactics Operator Guide
5.6.4.	B	C	Aircraft capabilities and characteristics	AFI 11-218, Special Tactics Operator Guide
DEMOLITION / EXPLOSIVES				
5.7.1.	2b	3b	Prepare, calculate, and place explosives	TM 3-34.82, TM 3-34.85, FM 23-23_C2
5.7.2.	2b	3b	Prepare non-electric firing systems and priming site operations	TM 3-34.82, TM 3-34.85, FM 23-23_C2
5.7.3.		B	Prepare electric firing systems and priming site operations	TM 3-34.82, TM 3-34.85, FM 23-23_C2
5.7.4.	2b	3b	Employ smoke grenades	TC 3-23.30, TM 3-34.85
5.7.5.		3b	Employ pyrotechnics	TC 3-23.30, TM 3-34.85
5.7.6.		B	Breeching TTPs	ATP 3-90.4
5.7.7.	2b		Employ Claymore	TC 3-22.23, (FM 23-23)
FIRE SUPPORT OPERATIONS				
SUPPORTING ARMS (ARTILLERY/NAVAL SURFACE FIRE SUPPORT)				
5.8.1.1.		B	Capabilities and limitations	AFTTP 3-2.64, ATP-04, MCWP 3-16.1, MCWP 3-16.6
5.8.1.2.		B	Coordinate	AFTTP 3-2.64, ATP-04, MCWP 3-16.1, MCWP 3-16.6
5.8.1.3.		B	Plan	AFTTP 3-2.64, ATP-04, MCWP 3-16.1, MCWP 3-16.6
5.8.1.4.		2b	Execute	AFTTP 3-2.64, ATP-04, MCWP 3-16.1, MCWP 3-16.6
AC-130 GUNSHIP FIRES				
5.8.3.1.	B	C	Capabilities and limitations	AFTTP 3-2.64, AFTTP 3-3.AC-130, AFTTP 3-3.JTAC

Attachment 3 1C2X1 Additional Training References

LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
5.8.3.2.		B	Coordinate	AFTTP 3-2.64, AFTTP 3-3.AC-130, AFTTP 3-3.JTAC
5.8.3.3.		3b	Plan	AFTTP 3-2.64, AFTTP 3-3.AC-130, AFTTP 3-3.JTAC
5.8.3.4.		3b	Execute	AFTTP 3-2.64, AFTTP 3-3.AC-130, AFTTP 3-3.JTAC
ROTARY WING FIRES				
5.8.4.1.	B	C	Capabilities and limitations	AFTTP 3-2.64, AFTTP 3-3.JTAC, JP 3-09.3
5.8.4.2.		B	Coordinate	AFTTP 3-2.64, AFTTP 3-3.JTAC, JP 3-09.3
5.8.4.3.		3b	Plan	AFTTP 3-2.64, AFTTP 3-3.JTAC, JP 3-09.3
5.8.4.4.		3b	Execute	AFTTP 3-2.64, AFTTP 3-3.JTAC, JP 3-09.3
MARKING EQUIPMENT				AFI 48-139, AFTTP 3-3.JTAC, JP 3-09.1, applicable manufacturer operating manuals where required
5.8.5.2.		3b	Use Infrared (IR) Laser pointer	Applicable manufacturer operating manual
5.8.5.3.		3b	Employ visual markings	AFTTP 3-3.JTAC
5.8.5.4.		3b	Operate beacons	Applicable manufacturer operating manual
5.8.5.5.		B	Laser safety	AFI 48-139, JP 3-09.1
ISR PLATFORM CAPABILITIES				
5.8.6.1.		B	Capabilities and limitations	AFTTP 3-2.64, AFTTP 3-3.JTAC, AFTTP 3-3.MQ-1, AFTTP 3-3.MQ-9
5.8.6.4.		b	Employ	AFTTP 3-2.64, AFTTP 3-3.JTAC, AFTTP 3-3.MQ-1, AFTTP 3-3.MQ-9
WEATHER				AFMAN 15-111, Special Tactics Operator Guide, Kestrel User's Manual
6.1.1.	b	3b	Obtain limited WX Observation data	AFMAN 15-111, Special Tactics Operator Guide
6.1.2.		2b	Use portable WX device(s)	Kestrel User's Manual
SURVEY				AFMAN 15-111, Special Tactics Operator Guide, Kestrel User's Manual
6.2.1.	b		Use Survey References	
USE SURVEY DATA COLLECTION EQUIPMENT				AFI 13-217 & AFSOC Supp, ETL 09-6, ETL 97-9, Special Tactics Operator Guide
6.3.1.		2b	Use Survey System Computing device, software, and GPS	
6.3.3.		3b	Distance measurement tools and equipment	AFI 13-217 & AFSOC Supp, ETL 09-6, Special Tactics Operator Guide
6.3.4.		3b	Angular measurement tools and equipment	AFI 13-217 & AFSOC Supp, ETL 09-6, Special Tactics Operator Guide
6.3.5.		3b	Use Soil Evaluation Equipment	ETL 97-9
6.3.6.		3b	Use Runway Friction Measurement Device	ETL 97-9
RECONNAISSANCE				ATP 3-18.4, JP 3-60, SH 21-76
6.4.1.	2b	3b	Report battlefield information (SALUTE)	ATP 3-18.4, SH 21-76
6.4.2.	2b	3b	Report Battlefield Damage Assessment (BDA)	JP 3-60
6.4.3.	-	B	Fundamentals of information collection	ATP 3-18.4
6.4.4.	2b	B	Use reconnaissance and surveillance tactics, techniques, and procedures	ATP 3-18.4, SH 21-76
6.4.5.	2b	3b	Perform reconnaissance and surveillance missions	ATP 3-18.4, SH 21-76
6.4.6.	2b	3b	Select surveillance observation point	ATP 3-18.4, SH 21-76
6.4.7.	1b	3b	Complete reconnaissance sketches	ATP 3-18.4, SH 21-76

Attachment 3
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LINE ITEM	PROF CCS	PROF STTS	TASK	TRAINING REFERENCES
6.4.8.	2b	3b	Use reconnaissance and surveillance equipment	ATP 3-18.4
6.4.9.	2b	3b	Perform concealed movement	ATP 3-18.4, SH 21-76
6.4.10.	-		Small unmanned vehicles	System user Manual
6.4.11.	-	3b	Computer assisted reconnaissance and surveillance techniques	
RECOVERY OPERATIONS				JP 3-50, Special Tactics Operator Guide
7.1.		B	Fundamentals of Personnel Recovery (PR)	JP 3-50
7.2.		2b	Perform Combat Search and Rescue (CSAR)	JP 3-50
7.3.		2b	Perform SAR Security Team (SST) duties	Special Tactics Operator Guide
IRREGULAR WARFARE				
8.5.		2b	Advanced Special Operations (ASO)	AFDD3-2, Joint Special Operations University, JP 3-22, JP 3-24, JTTP 3-07.1, USSOCOM Directive 525-5 (U) / (S//NF)
HISTORY				AFPD 10-35, AFI 13-219, Eye of the Storm, by Gene Adcock, No Room for Error, Col (Ret) John Carney, Deadly Blue by Fred Pushies
9.1.	B	B	CCT History	Eye of the Storm, by Gene Adcock, No Room for Error, Col (Ret) John Carney, Deadly Blue by Fred Pushies, 720 STG Instruction 10--410 Force Presentation Guidance
9.2.	B	B	Special Tactics History, Roles, Capabilities and Mission Areas	AFPD 10-35, AFI 13-219
TRAINING AND STAN EVAL				
10.1.		1a	Maintain training records	AFI 36-2201, AFI 13-219, AFI 36-2101
10.13.		B	Continuation Training and Readiness	AFI 36-2201, AFI 13-219