

number (i.e. CREW-3200 Crew Leadership). However, due to the unique requirements of each position in the TACC, these events are tailored to individual positions. Therefore, a unique two-digit identifier has been assigned to each MTACS COPS position as indicated in the below table (i.e. CREW-3206 Crew Leadership). This event is the Crew Leadership requirements for the Crew Chief. Each of these type events for any particular position will always end with the same final two numbers. Core Skill events are applicable to all crew positions and therefore have a general numbering sequence.

MTACS 72XX NUMBERING ASSIGNMENTS (XX00-XX19)		
EVENT CODE	ABBREV	POSITION
3X01/6X01	SAC	SENIOR AIR COORDINATOR
3X02/6X02	CBC	CLOSE BATTLE COORDINATOR
3X03/6X03	ADC	AIR DEFENSE COORDINATOR
3X04/6X04	ACO	AIRSPACE CONTROL OFFICER
3X05/6X05	ICO	INTERFACE CONTROL OFFICER
3X06/6X06	CC	CREW CHIEF
3X07/6X07	TDC	TRACK DATA COORDINATOR
3X08/6X08	OPTR	TACC OPERATOR

5. Event Training

a. Trainee. The trainee shall study, review, and practice the event requirement to achieve the event performance standard. Instructors will provide required references during training and ensure the trainee has read and understands them. All event performance standards are to be evaluated without the aid of reference.

b. Instructor. The instructor shall train all events with a comprehensive overview of the requirement, to include performance steps, emphasizing procedures and knowledge essential to the event performance standard. All event training shall terminate with the instructor debriefing the trainee on performance. This debrief will include at a minimum a comprehensive review of the trainee's performance, corrective action required to meet the standard, and a plan on how to proceed with the training. Instructors are encouraged to mentor the trainee and enter into discussions that solidify and/or broaden their understanding. Once able to perform the event proficiently, the instructor shall evaluate the trainee and ensure the event is performed to standard.

c. The Aviation T&R Program Manual addresses 'Live' versus 'Simulator' training throughout a T&R Syllabus. 'Simulated' events are events conducted in actual simulators (i.e. flight simulator). MACCS events performed as part of a drill or MISTEX event are considered 'Live' events. All events in this syllabus are considered 'Live' and are annotated as such.

d. Prerequisites. All prerequisites shall be completed prior to beginning training in an event. Distance learning courses completed as a prerequisite to event training will be documented by filing the completion certificate in the IPR.

6. Scenarios and Evaluations. Unit WTPP officers will oversee the production of scenario and evaluation training products to ensure they support the event training requirements. The MAWTS-1 C3 Department is available to assist with existing scenario materials or via formal fleet support.

7. Multiple Event Logging. There may be opportunities for trainees to accomplish the requirements of more than one event during a scheduled training evolution. Units are encouraged to take advantage of complex training opportunities that allow multiple event completion. Under all circumstances, post-event logging

(single or multiple) is allowable if the requirements for each event are accomplished per the performance standard. If multiple events are scheduled to be accomplished during a single training evolution, appropriate planning, briefing, and debriefing time must be allotted to ensure that requisite training objectives are met. Evaluators shall scrutinize scheduled events to ensure the performance standard for each event code was met.

8. Syllabus Evaluation Form. A syllabus evaluation form is required for any initial or subsequent event training. The MACCS Training Form (MTF) is located in reference (b) and available online at the MAWTS-1 C-3 website, <https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx>.

9. Training Administration

a. Core Skill, Mission Skill, and Core Plus Events. Once the evaluation form is approved and signed by required signatories, the event code is logged in M-SHARP, and form/accompanying documentation is filed in the IPR, only then will the trainee be credited for completing the event.

b. Certification Events. These events shall have an evaluation form completed, approved, and signed by required signatories, the IPR reviewed by the WTTP officer to ensure all requirements were met, event logged in M-SHARP, and signed evaluation form/accompanying documentation filed in the IPR. Only then is the trainee considered certified.

c. Qualification and Designation Events. These events shall have an evaluation form completed, approved, and signed by required signatories, the IPR reviewed by the WTTP officer to ensure all requirements were met, letter signed by the commanding officer, event code logged in M-SHARP, and signed letters/accompanying documentation filed in the IPR. Only then is the trainee considered qualified or designated, as applicable.

209. CORE SKILL INTRODUCTION PHASE. MTACS Personnel (MOS 72XX) receive entry level training in their respective primary MOS prior to being assigned to a tactical unit. Individuals should not be assigned to MTACS directly from an entry-level MOS-producing school.

210. CORE SKILL PHASE (2000)

1. General

a. Purpose. Core Skills are intended to train the individual to utilize the tools and systems required during performance as a TACC crewmember. Core Skills require a set of events to be completed to ensure a level of proficiency is achieved before the trainee proceeds to Mission Skill training.

b. Prerequisite. Completion of applicable primary MOS Core Skill Introduction training and achievement of initial qualification in primary agency.

c. Stages

- (1) Academics (ACAD)
- (2) Equipment (EQUIP)
- (3) Command and Control Systems (C2SYS)
- (4) Planning (PLNG)

2. Academics (ACAD)

a. Purpose. The purpose is to give a general knowledge of TACC operations

and associated gear to personnel newly assigned to the MTACS to support COPS operations as a 72XX. Additionally, these academics outline requirements for deploying and employing the TACC.

b. Admin Notes. The modules listed in the below chart will be evaluated via written examination. A passing score of at least an 80% must be achieved on these evaluations. Standardized examinations are held by the MAWTS-1 TACC Division. The 2 hours event time listed below represent the time allotted for written evaluations and not the time which must be allotted for preparation through the use of the prerequisite events (i.e. reading publications and studying).

c. Total Training Events. 2 events, 2 hours.

Event	T&R Code
TACC Generic Evaluation	ACAD-2000
TACC Planning Evaluation	ACAD-2010

ACAD-2000 1.0 (*) B _____ L

Goal. Demonstrate understanding in TACC Generics.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite. ACAD 8500, 8501, 8502, 8503, 8504

Reference. Per prerequisite events.

ACAD-2010 1.0 (*) B _____ L

Goal. Demonstrate understanding in TACC Planning.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite. ACAD 8520, 8521, 8522, 8523

Reference. Per prerequisite events.

3. Equipment (EQUIP)

a. Purpose. To train personnel to set up and operate TACC equipment such as shelters, consoles, and user communications devices.

b. Total Training Events. 2 events, 3 hours.

Event	T&R Code
Program User Interface	EQUIP-2100
Configure National Systems Information	EQUIP-2105

EQUIP-2100 1.0 (*) B 1 MRQ-12 L

Goal. Set up and program the radio user interface device.

Requirement. Given an operational MRQ-12 Communications Distribution System, perform the following:

1. Setup and program console for use with applicable radio and intercom nets.
2. Transmit and receive information over the console.

Performance Standard. Complete the requirement items IAW the reference.

Instructor. BI, SI, WTI

Reference. PCN 500 102092 00 (User Control Device)

EQUIP-2105 2.0 (182) B,R 1 CTT or JTT L

Goal. Configure National Systems Information.

Requirement. Given the Commander's Tactical Terminal 3, complete the following:

1. Configure geographic, ELNOT based, and combined filtering scheme for TIBS, TDDS, and TADIXS-B data.
2. Interpret location fidelity, time latency, and implications to operations of displayed ELINT information.

Performance Standard. Complete the requirement items IAW the references. Instructor will ensure the terminal is configured correctly.

Instructor. BI, SI, WTI

Reference

1. Integrated Broadcast Service (IBS) Security Classification Guide (SCG) (<http://ibssol.nsa.smil.mil/documents>)
2. Integrated Broadcast Service (IBS) Configuration Management Plan (<http://ibssol.nsa.smil.mil/documents>)

EQUIP-2110 3.0 (1095) B, R L

Goal. Design a datalink architecture.

Requirement. Given an OPORD and an OPTASK Link:

1. Identify the datalink requirement.
2. Identify the C2 platforms and determine the required connectivity (MACCS and external agencies).
3. Draw a visual representation of the architecture to include, at a minimum, units and primary and alternate modes of transmission.
4. Submit the architecture drawing to the instructor for validation.

Performance Standard. Perform the requirement items IAW the reference. Instructor will validate the architecture supports the OPOD and OPTASK Link.

Instructor. BI, SI, WTI

Prerequisite. Completion of Link 16 Interoperability Course (SCHL 6020) and Multi-TDL Advanced Joint Interoperability (MAJIC) Course (SCHL 6021) are recommended but not mandatory. MAWTS-1 C3 Course Catalog contains all "SCHL" codes, codes for formal schools.

Reference

1. MCRP 3-25C Introduction to Tactical Data Link (TDL) J and Quick Reference Guide [S]
2. CJCSM 6120.01 Joint Multi-TDL operating procedures manual [S]

4. Command and Control Systems (C2SYS)

a. Purpose. To provide standardized training standards for individuals operating tactical data systems in the TACC.

b. Admin Notes. Command and control system events are located in the MAWTS-1 C3 Course Catalog in order to maintain standardized training across the MACCS. Events are numbered at the 29XX, 39XX and 49XX levels to allow inclusion in all MACCS T&R manuals at all levels. The table below lists all C2SYS events that are to be completed by MTACS 72XX personnel position dependent. All C2SYS events have a 182 day refresh requirement due to the perishable nature of the skills. Instructors should guide trainees through each event. Evaluation of events should only occur once trainees have been properly instructed on the specific requirements of each event.

c. Total Training Events. 18 events, 40.5 hours.

EVENT CODE	SKILL	POSITION
C2SYS-2900	SETUP PROFILE ON TBMCS CLIENT	CC
C2SYS-2901	TBMCS ONLINE MASTER HELP INDEX	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2902	TBMCS ALERTS SERVICE WEB APPS	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2903	MAP MANAGER	CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2904	WEB MAPPING	CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2905	AATWEB	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2906	WEBAD	ACO, CC
C2SYS-2907	BATTLE MANAGEMENT REPORTS	SAC, CC
C2SYS-2908	ABIM	CC
C2SYS-2909	FSTAT	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2910	ESTAT	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2911	WARP	SAC, CBC, CC, OPTR, DBC, PRC
C2SYS-2912	EMR	CBC, ADC, CC, DBC, PRC
C2SYS-2920	OPERATE AFATDS	CC, OPTR
C2SYS-2921	OPERATE C2PC	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2940	IRC NETWORK	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR, DBC, PRC
C2SYS-2941	OPERATE WEB DEVELOPMENT	CC, OPTR

	SOFTWARE	
C2SYS-2942	OPERATE ADSI	TDC, ICO

5. TACC Planning (PLNG)

a. Purpose. To train personnel to conduct deployment planning and execution to include communications architecture, site selection/emplacement and security, as well as embarkation.

b. Total Training Events. 12 events, 23 hours.

Event	T&R Code
Conduct a Site Survey	PLNG-2300
Write a Bill of Material (BOM) Request	PLNG-2320
Build Equipment Density Lists (EDL) and packing lists	PLNG-2340
Describe key communication planning documents	PLNG-2360
Identify communication assets to support C2 mission	PLNG-2380
Extract key material information from Electronic Key Management System (EKMS) Communications Security (COMSEC) callout	PLNG-2400
Understand physical security requirements	PLNG-2420
Verify equipment is packed for embark	PLNG-2440
Verify power and grounding requirements are met	PLNG-2460
Design a MACCS Communications Architecture	PLNG-2500
Perform as a C2 planner on an ACE/MAGTF OPT	PLNG-2520

PLNG-2300 2.0 (*) B _____ L

Goal. Conduct a site survey

Requirement. Given a mission and applicable references, determine an appropriate site for system emplacement:

1. Utilize available planning tools (EMPRO, FalconView, AMP, SPEED, etc.) to determine terrain masking and line of sight connectivity.
2. Analyze terrain to:
 - a. Identify obstructions and hazards.
 - b. Determine Tactical orientation and equipment emplacement.
 - c. Determine communications attainability.
 - d. Determine operational footprint.
 - e. Determine protection from the elements.
 - f. Determine proper grounding system.
 - g. Determine Terrain Masking.
3. Design a site layout that includes the results of item 2 above.
4. Submit the site layout to the instructor for validation.

Performance Standard. Perform the requirement items IAW the reference. Instructor will validate the site diagram supports the mission. The trainee will discuss with the instructor the reasoning for the following (instructors are encouraged to discuss site survey in depth with the trainee):

1. Determining factors in selecting the site.
2. Site limitations (if any).
3. How site will support mission requirements.

Instructor. BI, SI, WTI

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist

PLNG-2320 2.0 (*) B L

Goal. Write a Bill of Material (BOM) request.

Requirement. Given a mission and required documents, write a BOM request:

1. State the purpose and process for submitting a BOM request.
2. Collect requests from squadron sections
3. Consolidate required materials into a BOM request.
4. Verify the request is sufficient to support 24 hour operations and for the length of the mission.
5. Submit the BOM to the instructor for validation.

Performance Standard. Complete the required items IAW the reference. Instructor will validate the BOM request is sufficient to support the mission length.

Instructor. BI, SI, WTI

Reference. MCO P4400.150E w/erratum Ch 1-2 consumer-level supply policy manual

PLNG-2340 2.0 (*) B L

Goal. Build Equipment Density Lists (EDL) and packing lists.

Requirement. Given a scenario:

1. Define and state the purpose of an EDL.
2. Describe essential EDL contents.
3. Complete an EDL (consolidate Principal End Items (PEI) and submit to the instructor for review.
4. Define and state the purpose of a packing list.
5. Describe essential packing list contents.

Performance Standard. Conduct all the requirement items IAW the references. Instructor will validate the EDL and packing lists to ensure accuracy and that they support the scenario.

Instructor. BI, SI, WTI

Reference

1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

PLNG-2360 1.0 (*) B L

Goal. Describe key communications planning documents.

Requirement. Given an operational scenario, describe key communication documents required for TACC operations:

1. An Annex K.
2. An OPTASKLINK.
3. An EKMS Callout.

Performance Standard. Describe the requirement items IAW the reference and without error.

Instructor. BI, SI, WTI

Prerequisite. MCI 2540, Communication Plans and Orders

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist

PLNG-2380 2.0 (*) B L

Goal. Identify communication assets to support the C2 mission.

Requirement. Given an Operations Order (OPORD):

1. Determine communication requirements for C2 mission.
2. List communication Principle End Items (PEI).
3. List required communications equipment ISO PEI (i.e., float, Bill of Material (BOM), Independent Cost Estimate (ICE), ancillary).
4. Submit the lists to the instructor for validation.

Performance Standard. Conduct the requirement items IAW the reference. Instructor will ensure the lists support the C2 mission in the OPORD.

Instructor. BI, SI, WTI

Prerequisite. MCI 2540, Communication Plans and Orders

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist

PLNG-2400 1.0 (*) B L

Goal. Extract key material information from Electronic Key Management System (EKMS) Communications Security (COMSEC) callout.

Requirement. Given an EKMS COMSEC callout:

1. State the purpose of the EKMS COMSEC callout.
2. Identify the four main pieces of key information:
 - a. Short Title
 - b. Edition
 - c. Segment
 - d. Classification
3. Identify segment roll over dates and time.

Performance Standard. Complete the requirement items IAW the references and without error.

Instructor. BI, SI, WTI

Prerequisite. MCI 2525B, Communications Security

Reference

1. EKMS-1
2. Local SOP

PLNG-2420 1.0 (*) B L

Goal. Understand physical security requirements.

Requirement. Define and explain the purpose of the following:

1. Guard schedule.
2. Entry Control Points (ECP).
3. Access rosters.
4. Personnel security clearances.
5. Placement of communication lines.

Performance Standard. Perform the requirement items IAW the reference and without error.

Instructor. BI, SI, WTI

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist

PLNG-2440 1.0 (*) B L

Goal. Verify equipment is packed for embark.

Requirement. Given an Equipment Density List (EDL), packing list, and embarked equipment:

1. Verify the packing lists support the EDL.
2. Verify SL-3 and Limited Technical Inspections (LTI) have been conducted.
3. Verify embarked equipment is packed properly.

Performance Standard. Conduct all the requirement items IAW the references.

Instructor. BI, SI, WTI

Reference

1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

PLNG-2460 2.0 (*) B L

Goal. Verify power and grounding requirements are met.

Requirement. Given a list of MTACS equipment:

1. Determine power requirements for listed equipment.

2. Coordinate with the utilities section to fulfill system power requirements.

Performance Standard. Complete the requirement items IAW the reference.

Instructor. BI, SI, WTI

Reference. Applicable equipment technical manual (TM)

PLNG-2500 3.0 (*) B L

Goal. Design a MACCS Comm Architecture

Requirement. Given and OPORD and an OPTASK Link:

1. Identify the Single Channel Radio Requirement.
2. Identify the data requirement.
3. Identify the voice requirement.
4. Identify the datalink requirement.
5. Identify the C2 Platforms and determine the required connectivity (MACCS and external agencies).
6. Draw a visual representation of the architecture to include, at a minimum, units and primary and alternate modes of transmission. Submit the architecture drawing to the instructor for validation.

Performance Standard. Completion of Link 16 Interoperability Course (SCHL 6020) and Multi-TDL Advanced Joint Interoperability (MAJIC) Course (SCHL 6021) are recommended but not mandatory. MAWTS-1 C3 Course Catalog contains all "SCHL" codes, codes for formal schools.

Instructor. BI, SI, WTI

Reference

1. MCRP 3-25.3 MACCS Handbook
2. MCRP 3-25C Introduction to Tactical Data Link (TDL) J and Quick
3. Reference Guide (S)
4. CJCSM 6120.01 Joint Multi-TDL operating procedures manual (S)

PLNG-2520 3.0 (*) B L

Goal. Perform as a C2 Planner on an ACE/MAGTF OPT

Requirement. Given MAGTF Mission, Tasks, and forces assigned:

1. Explain the creation of MAGTF battle space.
2. Coordinate with adjacent/higher agencies in the creation of MAGTF battle space.
3. Identify the priorities in creation of MAGTF battle space.
4. Assist in the building of MAGTF battle space.
5. Assist in the creation of the Annex W, Annex C, and Annex (fires) of the MAGTF/ACE OPORDs.
6. Assist in the creation of the MACCS SOM within the Mission, Tasks, Commander's Intent, and forces assigned of the MAGTF/ACE OPORD.

Performance Standard. Serve as part of an ACE/MAGTF Operational Planning Team and successfully complete the above requirements.

Instructor. BI, SI, WTI

Prerequisite. EQUIP-2110

Reference.

1. JP 3-09 Joint Fire Support Planning
2. JP 3-02 Joint Publication for Amphibious Operations
3. JP-02 Unified Action Armed Forces Publication
4. Joint Publication 5-0, Joint Operation Planning

211. MISSION SKILL PHASE (3000)

1. General

a. Purpose. Mission Skill training consists of advanced events that provide training on processes within the TACC by crew position. Once required Mission Skills are completed, the trainee is recommended to proceed to qualification evaluation.

b. Prerequisite. Prior to beginning this phase of training the following must be completed:

(1) Complete the TACC Generics Evaluation.

(2) Complete all Core Skill events required for the respective crew position.

(3) Complete the Mission Skill academics module for the position.

c. Stages

- (1) Crew Position Introduction (INTRO)
- (2) Crew Operations (CREW)
- (3) Battle Management (MGMT)

2. Academics (ACAD)

a. Purpose. To provide academic crew position specific training. These academic events must be completed prior to receiving credit in the INTRO, CREW and MGMT training stages.

b. Admin Notes. Each crew position within crew operation's events is assigned its own unique event code. The last two digits of the event code will be the same for each position, however, the last two digits will be based on the assigned crew position. The 7 hours event time listed below represent the time allotted for written evaluations and not the time which must be allotted for preparation.

c. Total Training Events. 7 events, 7 hours.

d. Academic Evaluation.

EVENT CODE	MISSION SKILL ACADEMIC EVALUATION MODULE
3001	SENIOR AIR COORDINATOR EVALUATION
3002	CLOSE BATTLE COORDINATOR ACADEMIC EVALUATION
3003	AIR DEFENSE COORDINATOR ACADEMIC EVALUATION
3004	AIRSPACE CONTROL OFFICER ACADEMIC EVALUATION
3005	INTERFACE CONTROL OFFICER ACADEMIC EVALUATION
3006	CREW CHIEF ACADEMIC EVALUATION
3007	TRACK DATA COORDINATOR ACADEMIC EVALUATION

ACAD-3001 1.0 (*) B L

Goal. Demonstrate knowledge required of a SAC.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. CERTs for all CBC, ADC, ACO (6102, 6103, 6104)
3. ACAD 8520-8522, 8540-8549, 8641, 8660-8665

Reference. Per prerequisite events.

ACAD-3002 1.0 (*) B L

Goal. Demonstrate knowledge required of a CBC.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. ACAD 8540-8549, 8560-8562, 8642, 8662

Reference. Per prerequisite events.

ACAD-3003 1.0 (*) B L

Goal. Demonstrate knowledge required of an ADC.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. ACAD 8540-8549, 8563-8567, 8580-8584, 8640

Reference. Per prerequisite events.

ACAD-3004 1.0 (*) B _____ L

Goal. Demonstrate knowledge required of an ACO.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. ACAD 8540-8549, 8568-8570, 8620-8621

Reference. Per prerequisite events.

ACAD-3005 1.0 (*) B _____ L

Goal. Demonstrate knowledge required of an ICO.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. ACAD 8540-8549, 8600-8610

Reference. Per prerequisite events.

ACAD-3006 1.0 (*) B _____ L

Goal. Demonstrate knowledge required of a CC.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. CERTs for all CBC, ADC, ACO (6102, 6103, 6104)
3. ACAD 8520-8523, 8540-8549, 8641, 8660, 8661

Reference. Per prerequisite events.

ACAD-3007 1.0 (*) B _____ L

Goal. Demonstrate knowledge required of a TDC.

Requirement. Complete a written examination and submit to the instructor.

Performance Standard. Without the aid of references, pass a written examination over the prerequisite events with a minimum score of 80%.

Instructor. BI, SI

Prerequisite

1. Core Skill Complete
2. ACAD 8540-8549, 8600-8608, 8610

Reference. Per prerequisite events.

3. Crew Position Introduction (INTRO)

a. Purpose. The purpose is to provide a detailed description and hands-on introduction to the roles and responsibilities of respective crew positions prior to attempting a qualification event on that position. This introductory period will be for a minimum of four hours, will include over the shoulder training conducted by a qualified instructor in the position being introduced, and shall cover all tasks that may be assessed during the qualification event. This event will conclude with a detailed debrief containing positive feedback and corrective action. Introduction events must be completed prior to proceeding to the other Mission Skills events.

b. Crew Requirement. MTACS Current Operations Crew.

c. Total Training Events. 8 events, 32 hours.

EVENT CODE	EVENT NAME	CREW POSITION
INTRO-3101	SAC INTRODUCTION	SAC
INTRO-3102	CBC INTRODUCTION	CBC
INTRO-3103	ADC INTRODUCTION	ADC
INTRO-3104	ACO INTRODUCTION	ACO
INTRO-3105	ICO INTRODUCTION	ICO
INTRO-3106	CC INTRODUCTION	CC
INTRO-3107	TDC INTRODUCTION	TDC
INTRO-3108	OPTR INTRODUCTION	OPTR

INTRO-3101 4.0 (*) B 1 TACC COPS L

Goal. Introduce SAC roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct a crew brief.
2. Assist the SWO in supervising the execution of the current ACE mission as required.
 - a. Ensure situation and status displays are current and accurate.
 - b. Evaluate the capability of available assets to fulfill ATO tasking.
 - c. Recommend a COA to overcome ATO deficiencies.

- d. Update the SWO on any unanticipated developments that may impact planned operations.
- e. Issue and document ATO adjustments approved by the SWO.
- f. Adjudicate with the MAGTF/JFACC any immediate JTAR/ASR that exceed the current sortie allocation.
3. Establish liaison with subordinate/adjacent agencies.
4. Ensure proper implementation of air assets.
5. Recommend changes to the States of Alert/Weapons Control Status/Air Defense Warning Condition within the AO.
6. Ensure proper and expeditious dissemination of all essential information to all external agencies as required.
7. Monitor the reporting of all events.
8. Supervise the functioning and performing of COPS watch standers.
9. Advise the SWO on all matters pertaining to the conduct of current operations.
10. Perform the function of the SWO when directed.
11. Supervise the execution of air operations by subordinate MACCS agencies.
12. Conduct a crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3001

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3102 4.0 (*) B 1 TACC COPS L

Goal. Introduce CBC roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct crew brief.
2. Coordinate the synchronization of air operation in support of the MAGTF Close Battle within the current day ATO cycle.
3. Coordinate with the DASC for receipt of immediate JTAR/ASR/CASEVAC information.
4. Recommend COAs to support JTAR/ASR to SAC/SWO based on asset availability.
5. Coordinate modification of ACMs and FSCMs as required.

6. Coordinate with the intelligence watch section for current projected enemy capabilities, critical vulnerabilities, and potential enemy courses of action.
7. Coordinate with the Ground Watch Section for current projected Ground Scheme of Maneuver, Fire Support Plan, and ground boundaries/fire support coordination measures.
8. Ensure proper conduct of the Close Battle Cell.
9. Conduct a crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3002

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3103 4.0 (*) B 1 TACC COPS L

Goal. Introduce ADC roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct a crew brief.
2. Monitor and coordinate control of aircraft and missiles for air defense by subordinate/ adjacent C3 agencies.
3. Coordinate air defense operations of subordinate/ external agencies, as directed.
4. Initiate orders to Air Defense agencies and countermand subordinate agency actions as required.
5. Coordinate the establishment and dissemination of Air Defense Warning Condition/Weapons Control Status/States of Alert.
6. Coordinate with the SADC/RADC/AADC concerning the execution of air defense missions.
7. Disseminate changes to:
 - a. Airspace Coordinating Measures
 - b. Sectors of responsibility
 - c. Established ROE
 - d. EMCON/RADCON status
 - e. Flow of air defense information reports
8. Ensure established crosstell procedures are utilized by the Air Defense section as required.
9. Conduct a crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3003

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3104 4.0 (*) B 1 TACC COPS L

Goal. Introduce ACO roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct a crew brief.
2. Coordinate with the Ground Watch Section for the plotting and deconfliction of fire support coordination measures as they affect air operations.
3. Coordinate with the Airspace Control Authority for all immediate current ATO airspace requirements.
4. Update and monitor the ATO/ACP/SPINS and apprise the SAC/SWO of any changes, as required.
5. Coordinate/deconflict airspace requirements with MAGTF and attached agencies.
6. Assist and coordinate airspace requirements with other TACC cells.
7. Coordinate/resolve immediate airspace issues with external agencies (Joint, FAA, Host Nation), as required.
8. Conduct a crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3004

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3105 4.0 (*) B 1 TACC COPS L

Goal. Introduce ICO roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct a crew brief.
2. Conduct Multi-TDL network management.
3. Ensure TDC performs Track Management functions correctly.
4. Ensure correct use and implementation of manual crosstell procedures.
5. Recommend and implement changes to data link configurations and EMCON as required.
6. Monitor the accuracy of data link presentation.
7. Coordinate with the CC, CCR, and Maintenance Coordinator to ensure the quality of system interfaces and recommend solution to identify deficiencies.
8. Monitor the quality of MAGTF input to the Common Tactical Picture.
9. Conduct crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3005

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3106 4.0 (*) B 1 TACC COPS L

Goal. Introduce CC roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct a crew brief.

2. Perform as senior enlisted advisor to all TACC watch crew standers.
3. Supervise the conduct of the enlisted crew.
4. Manage processing of reports generated within the COPS.
5. Ensure all status plotting boards are updated and maintained.
6. Monitor control and distribution of classified material within the COPS.
7. Ensure proper routing of information within the COPS.
8. Maintain crew rosters, collect and safeguard operational logs/information and T&R documentation at the conclusion of the crew watch.
9. Ensure proper set up and initialization of the COPS.
10. Ensure proper keying of all crypto.
11. Ensure appropriate databases are loaded.
12. Ensure proper handling and distribution of classified materials.
13. Provide instruction to crew members as required.
14. Assist SAC in integration of crew operations.
15. Supervise the sustainment of CTP network.
16. Coordinate immediate TACC communications support.
17. Coordinate the establishment of the TACC Tactical Data Network.
18. Perform the duties of the SAC in their absence.
19. Conduct a crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3006

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3107 4.0 (*) B 1 TACC COPS L

Goal. Introduce TDC roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Conduct a crew brief.
2. Ensure datalink database entries are entered correctly.
3. Ensure TACC datalink equipment is setup and keyed.
4. Ensure required datalink filters are entered and activated.
5. Perform link troubleshooting and take corrective action as required.
6. Perform and monitor to ensure proper manual crosstell procedures.

7. Integrate Joint Tactical Terminal (JTT) data into the TDL display.
8. Perform track management functions per ICO direction.
9. Conduct a crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel current and qualified in the crew position being introduced. The instructor shall demonstrate each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite. ACAD 3007

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

INTRO-3108 4.0 (*) B 1 TACC COPS L

Goal. Introduce TACC Operator roles and responsibilities.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, subordinate elements (live, virtual or constructive), an appropriate level instructor will ensure the TACC crewmember is introduced to their duties:

1. Operate required C2 systems in support of the scenario in accordance with this T & R manual and local SOP.
 - a. Operate the ATO Prod/Disseminations Program of Record System
 - b. Operate the Fire Support Coordination Program of Record System
 - c. Operate the Common Operational Picture Program of Record System
2. Demonstrate ability to manually and electronically plot points, units, ACMs, FSCMs, and ADCMs on a map utilizing Lat/Long and MGRS.
3. Demonstrate familiarity with warfighting symbology.
4. Receive, forward, and process reports utilizing established formats (i.e. engagement reports, battle damage assessment, JTARs, ASRs, etc.).
5. Coordinate with crew members.
6. Maintain status boards as appropriate.
7. Maintain situational awareness.
8. Conduct crew turnover brief.

Performance Standard. Complete the requirement items IAW the references to a 'capable' level of performance as defined by the MACCS training form.

Instructor. SI, WTI or personnel that is current and qualified in the crew position being introduced. The instructor shall demonstrate

each performance standard prior to the trainee's attempt to ensure complete understanding.

Prerequisite

1. Core Skill Complete
2. ACAD 8500-8504

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

4. Crew Operations (CREW)

a. Purpose. The purpose is to apply the individual skills developed during Core Skill training and Mission Skill academics and introduction events as an integrated member of the TACC crew. The trainee will demonstrate an understanding of individual skills by integrating into a functioning TACC crew. The trainee will lead their respective section, perform cross-section, subordinate, adjacent, and higher element coordination, and conduct their portion of the TACC crew brief.

b. Prerequisite. Complete the INTRO event for the position being trained. For example, if being trained as a CBC, complete INTRO-3102 prior to beginning this stage of training.

c. Admin Notes. This stage of training shall be completed for each position being trained. This ensures the trainee understands crew operations as they relate to a specific position.

d. Crew Requirement. MTACS Current Operations Crew.

e. Total Training Events. 6 events, 24 hours.

EVENT CODE	EVENT NAME	CREW POSITION
CREW-3200	CREW LEADERSHIP	
CREW-3201		SAC
CREW-3206		CC
CREW-3300	CREW COORDINATION	
CREW-3301		SAC
CREW-3302		CBC
CREW-3303		ADC
CREW-3304		ACO
CREW-3305		ICO
CREW-3306		CC
CREW-3307		TDC
CREW-3308		OPTR
CREW-3400	TACC CREW BRIEF	
CREW-3401		SAC
CREW-3402		CBC
CREW-3403		ADC
CREW-3404		ACO

CREW-3405		ICO
CREW-3406		CC
CREW-3500	3-IN-1 SHELTER	CC, TDC, OPTR
CREW-3600	MERWS SHELTER	CC, TDC, OPTR
CREW-3700	OPERATE IN A CBRN ENVIRONMENT	SAC, CBC, ADC, ACO, ICO, CC, TDC, OPTR

CREW-3200 4.0 (1095) B,R 1 TACC COPS L

Goal. Lead elements of a TACC crew.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, and subordinate elements (live, virtual or constructive), ensure TACC crewmembers perform their duties correctly, to include:

1. Ensure proper conduct of duties in COPS.
2. Maintain situational awareness on all aspects of ACE operations.
3. Ensure proper execution of the ATO.
4. Ensure situation and status displays are current and accurate.
5. Monitor reporting of all events.
6. Provide update briefs to leadership as required.
7. Supervise COPS sections and cells.

Performance Standard. Complete the requirement items IAW the reference to a level of proficiency expected of a SAC or CC ready for qualification evaluation. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. SI, WTI

Prerequisite. INTRO 31XX (Introduction event for position being trained)

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist
3. Local unit SOP

CREW-3300 4.0 (1095) B,R 1 TACC COPS L

Goal. Coordinate with all sections and cells within TACC COPS.

Requirement. Given a scenario, supporting documentation, an operational TACC, higher, adjacent, and subordinate elements (live, virtual or constructive), conduct internal crew coordination by conducting the following:

1. Adhere to the TACC battle rhythm and associated deadlines as directed.
2. Ensure crew position logbook is maintained for turnover.
3. Ensure SIGEVENTS, critical events, and CCIR updates are passed to appropriate crew members.
4. Ensure significant events journal is updated as appropriate.

5. Ensure unit status and positions are accurate on maps and status boards.
6. Supervise subordinate crew members.
7. Assist in the review and dissemination of information within the TACC.
8. Inform crew of equipment status and operational posture of MACCS agencies.
9. Conduct cross coordination with appropriate COPS/FOPS sections and cells.
10. Provide updates and make appropriate recommendations to leadership regarding cell activities.

Performance Standard. Complete the requirement items IAW the reference to a level of proficiency expected of a TACC officer or enlisted ready for qualification evaluation on the position training in. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. SI, WTI

Prerequisite. INTRO 31XX (Introduction event for position being trained)

External Syllabus Support. None if event is virtual. Require higher, adjacent, and subordinate elements if any part of the event is live or constructive.

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist

CREW-3400 4.0 (1095) B,R L

Goal. Conduct a TACC crew brief.

Requirement. Given an operational TACC that involves all COPS sections and cells, and given supporting documentation, an operational TACC, higher, adjacent, and subordinate elements (live, virtual or constructive):

1. Write the respective section of a TACC brief as it applies to the position being trained.
2. Submit the brief to the instructor for review and approval.
3. Coordinate with other TACC briefers to eliminate information redundancy.
4. Present the brief to the instructor and crew personnel.

Performance Standard

1. Instructor will review the brief with the trainee and mentor to ensure the trainee understands the mission requirements as they apply to a TACC COPS crew position.
2. Trainee will present the approved brief to crew personnel to a level of clarity that helps the crew visualize and understand the upcoming battle and concept of operations.

Instructor. SI, WTI

Prerequisite. INTRO 31XX (Introduction event for position being trained)

Reference

1. MCWP 3-25.4 TACC Handbook
2. U-TACC-PCL-6012 TACC Pocket Checklist

CREW-3500 4.0 (*) B 1 3-in-1 Shelter L

Goal. Emplace and power 3-in-1 shelter.

Requirement. Given the site diagram, a 3-IN-1 shelter with required cables, grounding kit and a total of six individuals complete the following:

1. Emplace 3-in-1 shelter.
2. Level unexpanded shelter.
3. Expand shelter.
4. Connect lighting subsystems.
5. Connect power cable.
6. Ground shelter.
7. Connect internal power harness.
8. Energize specified section.
9. Tear-down and repack shelter for retrograde.

Performance Standard. Complete the requirement items IAW the references. Shelter must be emplaced and powered to be ready for operations.

Instructor. BI, SI

External Syllabus Support. Materials Handling Equipment (MHE) to move shelters.

Reference

1. TM 10-5411-200-24P (Shelter, Tactical, Expandable, Two-Sided)
2. Unit generated exercise/operation site diagram

CREW-3600 4.0 (*) B 1 MERWS Shelter L

Goal. Emplace and power MERWS shelter.

Requirement. Given the site diagram, a 3-in-1 shelter with required cables, grounding kit and six individuals complete the following:

1. Emplace MERWS shelter.
2. Level unexpanded shelter.
3. Expand shelter.
4. Connect lighting subsystems.
5. Connect power cable.
6. Ground shelter.
7. Connect internal power harness.
8. Energize specified section.
9. Tear-down and repack shelter for retrograde.

Performance Standard. Complete the requirement items IAW the references. Instructor will ensure the shelter was emplaced and powered correctly.

Instructor. BI, SI, WTI