

DLC-2335      3.0      \*      B      L

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Goal.    Troubleshoot Link 16.

Requirement.    Given a C2 system with Link 16:

1. Determine if the internal data path being used for Link 16 is functional.
2. Recognize and take appropriate action for incorrect time.
3. Recognize and take appropriate action for incorrect crypto.
4. Recognize and take appropriate action for incorrect IDL.
5. Select and monitor Link 16 messages.
6. Elevate unresolvable issues to the crew chief.

Performance Standard.    Complete the requirement items IAW the references without error. Minor errors corrected by the trainee are acceptable.

Instructor.    BI, SI

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. CJCSM 6120.01E, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard, Tactical Data Link (TDL) 16
3. System Technical Manual

DLC-2336      3.0      \*      B      L

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Goal.    Troubleshoot JREAP A.

Requirement.    Given a C2 system with a malfunctioning JREAP A:

1. Use the SATCOM radio's receive signal strength orderwire (RSSOW) to troubleshoot antenna elevation and azimuth.
2. Troubleshoot the SATCOM radio's satellite connection status.
3. Determine if the TAOC's Interface Unit address is in the Network Controller's subscriber list.
4. Elevate unresolvable issues to the crew chief.

Performance Standard.    Complete the requirement items IAW the references without error. Minor errors corrected by the trainee are acceptable.

Instructor.    BI, SI

Prerequisite.    None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01E, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard Joint Range Extension Application Protocols
3. System Technical Manual

DLC-2337      3.0      \*      B      L

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Goal. Troubleshoot JREAP B.

Requirement. Given a C2 system with a malfunctioning JREAP B:

1. Verify distant end and local settings on the STEs.
2. Identify low quality phones lines to the crew chief.
3. Elevate unresolvable issues to the crew chief.

Performance Standard. Complete the requirement items IAW the references without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01E, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard Joint Range Extension Application Protocols
3. JRE Version 5.3.x Software User Manual

DLC-2338      3.0      \*      B      L

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Goal. Troubleshoot JREAP C.

Requirement. Given a C2 system with a malfunctioning JREAP C:

1. Use the ping and trace route functions to determine if a network connection exists between two computers.
2. Identify firewall exemptions to the communication's section to open blocked ports.
3. Elevate unresolvable issues to the crew chief.

Performance Standard. Complete the requirement items IAW the references without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01E, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard Joint Range Extension Application Protocols
3. JRE Version 5.3.x Software User Manual

#### 8.10.13 EQUIPMENT (EQUIP) STAGE

8.10.13.1 Purpose. To instruct the trainee on MACCS unique electronic equipment.

##### 8.10.13.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

EQUIP-2380	4.0	*	B	L
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Goal. Conduct Maintenance on the AN/USQ-140(V)2 Multifunctional Information Distribution System (MIDS).

Requirement. Given the reference, AN/USQ-140(V)2, required component(s), TMDE and maintenance tools listed in the reference, perform the following:

1. Conduct CM on the AN/USQ-140(V)2 and identify faulty component on the system.
2. Replace the faulty component(s), as required.
3. Complete all required administrative actions.
4. Return to operational readiness condition.
5. Conduct PM on the AN/USQ-140(V)2.
6. Document as required.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 11-5895-1592-12 MIDS OP/MAINT MAN
2. TM 11-5895-1592-23P Repair Parts and Special Tools
3. TM 11-5895-1592-30 Direct Support Maintenance Manual AN/USQ-140 (V) 2
4. MIL-STD-6016E

EQUIP-2381 4.0 \* B L

Goal. Identify the major components of the AN/USQ-140 (V) 2 Multifunctional Information Distribution System (MIDS).

Requirement. Given the references, perform the following:

1. Describe the characteristics of the MIDS Terminal.
2. Describe the characteristics of Link 16.
3. Describe subsystem interfaces.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 11-5895-1592-12 MIDS OP/MAINT MAN
2. TM 11-5895-1592-23P Repair Parts and Special Tools
3. TM 11-5895-1592-30 Direct Support Maintenance Manual AN/USQ-140 (V) 2
4. MIL-STD-6016E

EQUIP-2424 6.0 \* B L

Goal. Set-up the Mobile Tactical Air Operations Module (MTAOM).

Requirement. As a member of a TDS crew, given a ADCP, PPE, and the

reference, complete the following steps:

1. Unpack MTAOM.
2. Ground MTAOM and Integrated Trailer Environmental Control Unit Generator(ITEG).
3. Set up a MTAOM Operational Facility (OPFAC).
  - a. Emplace Tent Case.
  - b. Emplace smart tables.
  - c. Emplace OIE.
  - d. Connect OIE to Tent Case.
4. Connect Air Conditioners.
5. Connect power cables. .
6. Erect antennas and connect RF cables.
8. Operate the ITEG.
9. energize the system.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 9406-15 Grounding Procedures Manual
2. MTAOM Operations Maintenance Manual

EQUIP-2425 6.0 \* B L

Goal. Tear down the Mobile Tactical Air Operations Module (MTAOM).

Requirement. As a member of a TDS crew, given a ADCP, PPE, and the reference, complete the following steps:

1. Shutdown MTAOM.
2. Remove and store classified hardware.
3. Remove Grounding cables/braids.
4. Disconnect Air Conditioners.
5. Disconnect power cables. .
6. Take down antennas and disconnect RF cables.
7. Disconnect fiber optic cables.
8. pack-up TAOM .

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 9406-15 Grounding Procedures Manual
2. MTAOM Operations Maintenance Manual

EQUIP-2426 6.0 730 B, R, M L

Goal. Set-up the Composite Tracking Network (CTN).

Requirement. As a member of a CTN crew, given a CTN, PPE, and the reference, complete the following steps:

1. Unpack CTN.
2. Ground CTN and generator.
3. Connect power cables. .
4. Employ generator.
5. Erect antennas and connect RF cables.
6. Connect fiber optic cables.
7. Energize the system.
8. Configure CTN for operations.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 9406-15 Grounding Procedures Manual
2. MTAOM Operations Maintenance Manual

EQUIP-2427 6.0 730 B, R, M L

Goal. Tear-down the Composite Tracking Network (CTN).

Requirement. As a member of a CTN crew, given a CTN, PPE, and the

reference, complete the following steps:

1. Shutdown CTN.
2. Remove and store classified hardware.
3. Remove Grounding cables/braids.
4. Disconnect Air Conditioners.
5. Disconnect power cables. .
6. Take down antennas and disconnect RF cables.
7. Disconnect fiber optic cables.
8. pack-up CTN.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 9406-15 Grounding Procedures Manual
2. MTAOM Operations Maintenance Manual

#### 8.10.14 MAINTENANCE MANAGEMENT (MMGT) STAGE

8.10.14.1 Purpose. To train the trainee on the basic skills necessary to perform as a member of a maintenance shop.

##### 8.10.14.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MMGT-2600	3.0	*	B	L
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Goal. Ensure preparatory measures are taken for disposition of equipment.

Requirement. Given a Phase out Plan (POP) and applicable references, ensure unserviceable/obsolete equipment is properly disposed.

1. Provide supply with disposition request.
2. Ensure final SL-3/LTI is performed.
3. Ensure record jackets are turned-in with equipment.
4. Provide supply with required documentation to remove from CMR.

Performance Standard. With the aid of reference, verbally describe the

process to dispose of equipment according to the disposition instructions. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2150

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Equipment Disposition Instructions
2. Supply Instructions
3. SL-3 or other inventory documents.
4. MCO P4400.82F Regulated Controlled Item Management
5. UM 4400-125 (Draft)

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MMGT-2601    1.0    \*    B    L

Goal. Create a Preventive Maintenance Checks and Services (PMCS) schedule.

Requirement. Given a list of equipment requiring PMCS create a schedule.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2151

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM-4700-15/1H
2. MCO P4790.2\_

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MMGT-2602    4.0    \*    B, R    GCSS    L

Goal. Reconcile Global Combat Supply System (GCSS) reports.



Requirement. Given the reports listed in item 1 below:

1. Identify the purpose of:
  - a. Maintenance Production Report (MPR).
  - b. Equipment Status Report (ESR).
  - c. Preventative Maintenance Report.
  - d. Calibrations Report.
  - e. Modification Instruction report.
  - f. Maintenance Management Report (MMR).
  - g. Loaded unit balance file (LUBF).
  - h. Due and status file (DASF).
  - i. Service Request (SR).
    - (1) Tasks.
    - (2) Notes.
    - (3) Parts Requirements.
  - j. Inspection repair tag (NAVMC 1018).
  - k. Layette bin.
    - (1) Sub-Inventory.
    - (2) Stage.
  - l. Oracle Installed Base.
    - (1) Parent/Child Relationships.
2. Identify the type of information contained in each of the forms listed above.
3. Identify the status of a parts requisition.
4. Identify proper use of UMMIPS priorities.
5. State item requisition priorities.
6. State any errors found within each of the forms listed above.
7. Reconcile all items listed above and list all errors found in each form.
8. Explain how to maintain a layette bin.

Performance Standard. With the aid of reference, verbally identify errors on reports provided and identify corrective actions to the instructor without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2159

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_
2. MCBUL 3000
3. MCO P4400.16~
4. DLA Handbook
5. Unit MMSOP
6. UM 4400-125 (Draft)

MMGT-2603    2.0    \*    B    L

Goal. Identify the SECREP management process.

Requirement. Given the references, perform the following:

1. Define the purpose of the SECREP management process.
2. Define the purpose of Critical Low Density SECREP exchange process.
3. Identify the key components of the SECREP exchange process.
4. Identify the key documentation within each component of the SECREP exchange process.
5. Identify the SECREP management re-computation process.
6. Identify Low Density SECREP assets.

Performance Standard. Without the aid of reference, state (verbally or written) the requirement items to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO 4790.2\_
2. MCO P4400.150\_
3. FEDLOG

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MMGT-2604    2.0    \*    B    L

Goal. Define RA with regards to O&M funds.

Requirement. Given the references, identify the following:

1. Requisition Authority Funds.
2. Identify regulations governing.
3. What can be purchased.

Performance Standard. With the aid of reference, define the requirement items without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. DoD Financial Management Regulation [DoD 7000.14-R (FMR) Volume 2A, Chapter 1]

MMGT-2605    2.0    \*    B    L

Goal. Define PE with regards to O&M funds.

Requirement. Given the references, identify the following:

1. Planning Estimate funds.
2. Regulations governing.
3. What can be purchased.

Performance Standard. With the aid of reference, define the requirement items without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. DoD Financial Management Regulation [DoD 7000.14-R (FMR)] Volume 2A, Chapter 1]

MMGT-2606    2.0    \*    B    L

Goal. Induct new equipment into service.

Requirement. Given a Material Fielding Plans (MFP) or Users Logistics Support Summary (ULSS), and applicable references, demonstrate and validate the induction of new equipment into service.

1. Review the Users Logistics Support Summary (ULSS) or Material Fielding Plan (MFP).
2. Validate new equipment is properly placed into service.
  - a. Ensure record jacket was created with proper documentation IAW the reference.
  - b. Ensure initial SL-3 was performed.
  - c. Ensure an initial LTI was performed.
  - d. Ensure induction of new equipment into calibration cycle as required.
  - e. Ensure equipment is accounted for within EKMS as required.

Performance Standard. With the aid of reference, complete the requirement without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2150, 2159, 2231, 2238

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. SI 10510-OD
2. ULSS
3. Equipment SL-3
4. MCO P4400.82
5. UM 4400.124

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MMGT-2607    2.0    \*    B    L

Goal. Phase out equipment.

Requirement. Given a Phase out Plan (POP) and applicable references, demonstrate and validate phase out of obsolete equipment, to include at minimum:

1. Review the POP and applicable references.
2. State the purpose of:
  - a. Recoverable Items Report (WIR).
  - b. WIR Online Process Handler program (WOLPH).
  - c. Material Returns (MTR) program.
3. Validate obsolete equipment was disposed of properly by ensuring the following:
  - a. Ensure a final LTI was performed.
  - b. Ensure a final SL-3 was performed.
  - c. Ensure a Recoverable Items Report (WIR) - request for disposition - was submitted using the WOLPH.
  - d. Ensure equipment was disposed of IAW instructions in Phase out plan.
  - e. Ensure the record jackets were completed and accompanied equipment.
  - f. Ensure the equipment and proper documentation was sent to Supply for turn-in.
  - g. Ensure supply received the proper documentation to remove equipment from the CMR.

Performance Standard. With the aid of reference, complete the requirement without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2150

Ordinance. None.

Range.    None.

External Syllabus Support. None.

Reference.

1. Supply Instructions (SI)
2. Equipment SL-3
3. Initial Issuing Provision Inventories
4. MCO 5311.1C
5. MCO P4400.82

MMGT-2608	16.0	*	B, R	L
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Goal. Inspect maintenance functional areas.

Requirement. Given the applicable references and inspection checklists, demonstrate the procedures for inspecting functional areas.

1. State the purpose for inspecting functional areas.
2. List the functional areas in your section.
3. Schedule an inspection.
4. Inform functional area managers of the inspection.
5. Conduct an inspection on the three selected areas.
6. Document the result of the inspection.
7. State to whom the inspection findings are submitted.

Performance Standard. With the aid of reference, conduct an inspection on three functional areas and submit the findings to the instructor without error. Minor errors corrected by the trainee are acceptable. The instructor will review the findings with the Marine.

Instructor. BI, SI

Prerequisite. 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. FSMAO Checklist
2. CGI Checklist
3. Unit SOP
4. MMOSOP

MMGT-2609	2.0	*	B	L
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Goal. State the process to submit a Table of organization and equipment (TO&E) Change Request (TOECR).

Requirement. Given a scenario and applicable references:

1. Pull TO&E via the Total Force Structure Management System (TFSMS).
2. Validate the requirement for change.
3. Complete TOECR form, NAVMC 11355.
4. Identify compensation for T/O changes when possible.
5. Provide an explanation/reason for change request on the change request form in plain English.
6. Provide a copy of the NAVMC 11355 to the instructor for review and validation.

Performance Standard. Complete the requirement items to support the scenario without error. Minor errors corrected by the trainee are acceptable. Instructor will ensure the NAVMC 11355 supports the scenario requirement.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO 5311.1\_
2. Unit TO&E

MMGT-2610    2.0    \*    B    L

Goal. Identify the Marine Corps Urgent Needs Process (MCUNP).

Requirement. Given the references and an equipment requirement, complete the MCUNP form.

1. State the purpose of the MCUNP.
2. State the purpose of the urgent Universal Needs Statement (UNS).
3. State the purpose of the deliberate UNS.
4. Complete an Urgent UNS form.
5. Complete a deliberate UNS form.

Performance Standard. With the aid of reference, complete the requirement without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NAVMC 11475
2. MCO 3900.17\_

MMGT-2611 40.0 \* B L

Goal. Conduct a Consolidated Memorandum Receipt (CMR) Review.

Requirement. Given the references and a maintenance section's CMR, ensure equipment accountability and requirements by performing the following:

1. State the purpose of a CMR.
2. Review TE.
3. Conduct a CMR inventory.
  - a. Ensure SL-3 accountability for assumption and relief.
  - b. Determine Using Unit Responsibility (UURI)/Government Furnished Equipment (GFE) requirements.
  - c. Ensure equipment have record jackets.
  - d. Maintain equipment receipt/transfer documents.
  - e. Identify discrepancies, if any.
4. Write and submit a Request for Investigation IAW MCO 4400.150.

Performance Standard. With the aid of reference, complete a CMR review without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordnance. None.

Range.    None.

External Syllabus Support. None.

Reference.

1. MCO P4400.150
2. CMR
3. MMO SOP

MMGT-2612	1.5	*	B	L
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Goal. Verify inventory control procedures are implemented.

Requirement. Given an equipment record and SL-3:

1. Validate inventory results.
2. Validate parts requisition details.
3. Ensure service request is created within GCSS-MC.
4. Ensure parts requirement for unserviceable items are created within GCSS-MC.
5. Ensure inventory records are updated to reflect current status:
  - a. Item on-hand availability status.
  - b. Parts requisition status.

Performance Standard. With the aid of reference, perform inventory control procedures without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2150, 2159

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4400.150\_
2. MCO P4790.2\_

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MMGT-2613    13.0    \*    B    L

Goal. Identify the functions of maintenance management.

Requirement. With the aid of reference, perform the following:

1. Identify the references associated with the MIMMS.
2. Identify the objectives of MIMMS.
3. Identify equipment maintenance management procedures.
4. Identify the responsibilities of maintenance management personnel.
5. Identify the information contained in the Table of Organization and Equipment (T/O&E).
6. Identify the steps to submit a T/O&E change request.
7. Identify the purpose of supply reports used in Maintenance Management.
8. Identify the procedures to reconcile a Consolidated Memorandum Receipt (CMR).
9. Identify the purpose of maintenance support programs.
10. Identify that describes Repairable Issue Point (RIP) procedures.
11. Identify the RIP customer re-computation procedures.
12. Identify the steps in the Recoverable Item Report (WIR) procedures.

Performance Standard. With the aid of reference, pass an exam.

Instructor. BI, SI

Prerequisite. 2602, 2603, 2609, 2611

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_



2. MCO P4790.1\_
3. UM 4790.5
4. MCBUL 3000
5. MCO P4400.16\_
6. DLA Handbook
7. Unit MMSOP
8. UM 4400-125 (Draft)
9. MCO 5311.1\_
10. Unit TO&E\_
11. MCO P4400.150\_
12. CMR
13. MMO SOP
14. MCO 4400.151\_

MMGT-2614 1.0 \* B L

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Goal. Ensure equipment is inducted into maintenance cycle.

Requirement. Given an inoperative piece of equipment and references, complete the following:

1. Review service request.
2. Review Inspection Tag (NAVMC 1018).
3. Inspect equipment.
4. Forward request to next level IAW SOP.

Performance Standard. Complete the requirements with 100% accuracy.

Instructor. BI, SI

Prerequisite. 2159

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 4700-15/1\_
2. MCO P4790.2\_
3. MCO P4400.16\_
4. Unit SOP
5. UM 4400-125 (draft)

#### 8.10.15 OPERATIONAL MANAGEMENT (OMGT) STAGE

8.10.15.1 Purpose. To provide the trainee basic skills to be able to deploy TAOC and EW/C equipment to include training in understanding OPORDs, crew management, system configuration management, and proper emplacement procedures.

#### 8.10.15.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

OMGT-2680 2.0 \* B L

Goal. Identify the purpose of communication planning documents.

Requirement. Given the documents below, identify their purpose:

1. Guard Chart.
2. Communication Electronic Operating Instruction (CEOI).
3. Operations Order.
4. Annex K of the Operations Order.
5. Annex S of the Operations Order.
6. Site Diagram.
7. Operational Tasking Data Link (OPTASKLINK).
8. EKMS Callout.
9. Operational Tasking Cooperative Engagement Capability (OPTASKCEC).

Performance Standard. Without the aid of reference, state (verbally or written) the requirement items to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 5-1
2. MCWP 3-40.3

OMGT-2681 2.0 365 B, R, M L

Goal. Determine required equipment to support a mission.

Requirement. Given a mission, a list of end items, create a list of equipment that supports all aspects and requirements of the mission, to include the following:

1. Support equipment.
2. EKMS.
3. TMDE.
4. Tools.
5. Utilities support equipment.
6. Supply support items.

7. Logistics/movement support items.
8. Personnel equipment.

Performance Standard. With the aid of reference, produce a list of equipment needed to support the mission by completing the requirement without error. Minor errors corrected by the trainee are acceptable. The instructor will confirm the list supports the mission.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25
2. SECNAVINST 5510.36,
3. EKMS-1

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OMGT-2682    4.0    1460    B, R, M    L

Goal. Conduct communications portion of a site survey.

Requirement. Given a scenario, applicable references, a TO/E and operational tasking, determine an appropriate site for system emplacement by performing the following:

1. Utilize planning tools to determine terrain masking and line of sight connectivity.
2. Determine a primary and secondary site location.
3. Identify obstructions and hazards.
4. Determine tactical orientation and equipment emplacement.
  - a. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Fuels (HERF) regulations.
  - b. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Ordinance (HERO) regulations.
  - c. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Personnel (HERP) regulations.
  - d. Ensure emitters are emplaced to support working area.
5. Identify the placement for vehicles.
6. Identify the placement for antennas.
7. Determine communications obstacles.
8. Determine system grounding requirements.
9. Identify power and fuel requirements.
10. Determine protection from the elements.
11. Determine Terrain Masking.
12. Determine operational footprint.
13. Design a site layout and submit to the instructor.
14. Develop a brief that addresses all event requirement items.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful

execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable. Brief the instructor on the considerations taken for each decision.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCDP 6
2. MCWP 3-25.4
3. MCWP 5-1
4. TM 10576D-OI Communications Interface System AN/MRQ-12(V)4
5. DRAFT - TM 12041A/15050A-OD/2 CAC2S System User Manual
6. IEEE C95.1-1991
7. NAVSHIPS 0967-317-7010
8. TM 9406-15
9. DODINST 6055.11
10. BUMED 6470.23
11. OPNAVINST 5100.23 Series
12. NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010/Volume II
13. MCO 5100.29A W/CH 1
14. MCO 5104.2
15. MCO 5104.3A

OMGT-2683    2.0    \*    B    L

Goal. Identify crew requirements and write a crew schedule.

Requirement. Given operational tasking, references, section roster, and MSHARP crew report, perform the following:

1. Determine the duration of operations.
2. Determine total crews required to support the mission.
3. Determine the crew composition/requirements.
4. Write the crew schedule.
5. Submit the crew schedule to the instructor.
6. Describe the process to publish crew schedule once validated.

Performance Standard. With the aid of reference, determine crew requirements and write a crew schedule that supports the mission without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. T&R Manual
2. MCWP 3-25
3. MCWP 3-25.7

OMGT-2684 3.0 \* B L

Goal. Determine supply support requirements.

Requirement. Given the reference and a 30 day operational scenario, perform the following:

1. Determine supply needs with consideration of the following:
  - a. Location.
  - b. Equipment.
  - c. Daily operations.
  - d. Climate.
2. Identify SECREP requirements and deficiencies.
3. Identify bill of material (BOM) requirements.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2691

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Applicable TM

OMGT-2685 1.0 \* B L

Goal. Develop an embarkation plan.

Requirement. Given the references and a 30 day operational scenario, perform the following:

1. State the purpose of an embarkation plan.
2. Produce an equipment density list (EDL).
3. Produce Logistics documents as required.
4. Identify heavy equipment required to move EDL items.
5. Identify the modes of transportation required to move EDL items.

Performance Standard. With the aid of reference, complete the requirement and develop an embarkation plan to support the scenario. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. 2687

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Applicable TM
2. Unit SOP

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OMGT-2686    8.0    1460    B, R, M    L

Goal. Write a packing list.

Requirement. Given the references, perform the following:

1. Define the purpose of a packing list.
2. Describe essential packing list contents.
3. Complete a packing list.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

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

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OMGT-2687    8.0    \*    B    L

Goal. Write an Equipment Density List (EDL).

Requirement. Given the references and a 30 day scenario, perform the following:

1. Define the purpose of an EDL.
2. Describe essential EDL contents.
3. Complete an EDL.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

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

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OMGT-2688    4.0    365    B, R, M    L

Goal. Identify power requirements.

Requirement. Given a scenario and references, perform the following:

1. List all PEIs required to support the scenario.
2. Determine power requirements for each piece PEI.
3. Determine total power requirements to support all PEIs listed.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Refer to equipment applicable TMs

OMGT-2689 1.0 \* B L

Goal. Identify spectrum management procedures.

Requirement. Given the references and a scenario with operational requirements, perform the following:

1. Record frequency requirements.
  - a. Identify submission timelines.
  - b. Identify data elements (-Freq, Location, Power, Dates).
2. Record Satellite Access requirements.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-40B
2. MCO 2400.2

OMGT-2690 1.0 \* B L

Goal. Fill out a Logistics Support Request (LSR).

Requirement. Given a scenario, fill out a request for:

1. Transportation.
2. Material Handling Equipment (MHE).
3. Supplies.
4. Personnel.

Performance Standard. With the aid of reference, submit a completed LSR to the instructor. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.



External Syllabus Support. None.

Reference.

1. Unit SOP

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OMGT-2691    2.0    \*    B    L

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

Requirement. Given a deployment scenario and references, perform the following:

1. Collect requests from communications maintenance sections.
2. Consolidate required materials into a BOM request.
3. Verify the request is sufficient to support 24-hour operations for the length of the exercise.
4. Validate the content to ensure it meets the requirement.
5. Submit the BOM to the instructor for review.

Performance Standard. With the aid of reference, submit a BOM that supports the scenario to the instructor for review and validation. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Applicable TM
2. Unit SOP

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OMGT-2692    1.0    \*    B    L

Goal. Describe common agency doctrinal nets.

Requirement. Given a list of doctrinal net names in acronym format and references, perform the following:

1. Define each net acronym.
2. Describe function for each net.
2. State the frequency spectrum doctrinally used for each net.
3. Identify agencies required to guard each net.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful

execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-40.3

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OMGT-2693    2.0    \*    B    L

Goal. Identify communication service request procedures.

Requirement. Given the references and a scenario with operational requirements, perform the following:

1. Identify submission timelines.
2. Identify data elements.
  - a. Internet protocol addresses.
  - b. Location, user accounts.
  - c. Dates.
  - d. Phone lines.
  - e. C2 application support.
  - f. Data network services (NIPR/SIPR).
  - g. Firewall exemptions.

Performance Standard. With the aid of reference, perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-40B

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OMGT-2694    2.0    \*    B, R    L

Goal. Draw a site diagram for the TAOC.

Requirement. Given the references and operational documents, draw a site diagram depicting locations and connectivity of the following equipment:

1. MTAOM(s).
3. CTN.
4. CAC2S.
5. Generators.
5. ECUs.

Performance Standard. Draw a site diagram that supports the given scenario without error. Minor errors corrected by the trainee are acceptable.

Instructor. BI, SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-2
2. MCWP 3-25.4

#### 8.11 MISSION SKILL TRAINING (3000)

8.11.1 Purpose. To provide the requisite advanced skills and working knowledge to employ the MACCS and ancillary equipment in order to accomplish the Tactical Air Operations Center missions.

8.11.2 General.

8.11.2.1 Prerequisite.

8.11.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in Core Skill and Core Plus phases.

(2) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

(3) If crew members are required to assist in the conduct of an event, the crew shall be core capable in the role they will play, as applicable. Training will be executed as individual training with appropriate assistance at the crew level as needed and as dictated by the conditions listed for each event. Crew member assistance must be restricted to those actions required to support or facilitate individual training so as not to detract from the individual properly demonstrating the event performance standard.

(4) Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited as a prerequisite for follow-on training events.

(5) Refresher Training. Refresher training is required once a individual has been absent from a technician billet for 36 months or longer. Upon return, the individual will complete R-coded events in the Attain table; else the technician will maintain proficiency by completing the R-coded events in the Maintain table.

8.11.2.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
8.11.3	INFORMATION ASSURANCE WORK FORCE A+ TECHNICIAN (IAWFAT)
8.11.4	INFORMATION ASSURANCE WORK FORCE NETWORK+ TECHNICIAN (IAWFNT)
8.11.5	INFORMATION ASSURANCE WORK FORCE SECURITY+ TECHNICIAN (IAWFST)
8.11.6	EQUIPMENT (EQUIP)
8.11.7	MAINTENANCE MANAGEMENT (MMGT)
8.11.8	OPERATIONAL MANAGEMENT (OMGT)
8.11.9	MARINE AIR CONTROL GROUP (MACG)

#### 8.11.3 INFORMATION ASSURANCE WORK FORCE A+ TECHNICIAN (IAWFAT) STAGE

8.11.3.1 Purpose. To train the trainee on basic concepts of information systems/assurance to facilitate industry standard certification.

##### 8.11.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

IAWFAT-3280 8.0 1095 B, R, M E L

Goal. Explain concepts included in A+ exam 220-801.

Requirement. Without the aid of references, explain:

1. PC Hardware.
2. Networking.
3. Laptop.
8. Printers.
8. Operational Procedures.

Performance Standard. Without the aid of reference, pass an exam with

80% accuracy.

Instructor. SI, WTI

Prerequisite. 2250, 2251, 2252, 2253, 2254

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CompTIA Approved Quality Content (CAQC) program reference material

IAWFAT-3281 8.0 1095 B, R, M E L

Goal. Explain concepts included in A+ exam 220-802.

Requirement. Without the aid of references, explain:

1. Operating Systems.
2. Security.
3. Mobile Devices.
8. Troubleshooting.

Performance Standard. Without the aid of reference, pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. 2255, 2256, 2257, 2258

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CompTIA Approved Quality Content (CAQC) program reference material

#### 8.11.4 INFORMATION ASSURANCE WORK FORCE NETWORK+ TECHNICIAN (IAWFNT) STAGE

8.11.4.1 Purpose. To train the trainee on basic concepts of information systems/assurance to facilitate industry standard certification.

##### 8.11.4.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

IAWFNT-3282 8.0 1095 B, R, M E L

Goal. Explain concepts included in Network+ exam N10-008.

Requirement. Without the aid of references, explain:

1. Networking Concepts.
2. Network Installation and Configuration.
3. Network Media and Topologies.
8. Network Management.
8. Network Security.

Performance Standard. Without the aid of reference, pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. 2259, 2260, 2261, 2262, 2263

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CompTIA Approved Quality Content (CAQC) program reference material

8.11.5 INFORMATION ASSURANCE WORK FORCE SECURITY+ TECHNICIAN (IAWFST) STAGE

8.11.5.1 Purpose. To train the trainee on basic concepts of information systems/assurance to facilitate industry standard certification.

8.11.5.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

IAWFST-3283 8.0 1095 B, R, M E L

Goal. Explain concepts included in Security + exam SY0-301.

Requirement. Without the aid of reference, explain:

1. Network Security.
2. Operational Security.
3. Threats and vulnerabilities.
8. Cryptography.
8. Access control and identity management.
6. Application, data and host security.

Performance Standard. Without the aid of reference, pass an exam with

80% accuracy.

Instructor. BI, SI

Prerequisite. 2264, 2265, 2266, 2267, 2268, 2269

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CompTIA Approved Quality Content (CAQC) program reference material

#### 8.11.6 EQUIPMENT (EQUIP) STAGE

8.11.6.1 Purpose. To instruct the trainee on MACCS unique electronic equipment.

##### 8.11.6.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

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EQUIP-3465 6.0 \* B L

Goal. Perform maintenance within the MTAOM.

Requirement. Given the references, one MTAOM, appropriate tools, and proper TMDE, isolate and repair one fault for each of the listed equipment groups within the MTAOM:

1. System Level Equipment (SLE).
2. Data Processing Equipment (DPE).
3. Voice Communication Equipment (VCE).
4. Internal Radio Equipment (IRE).
5. Operator Interface Equipment (OIE).
6. Digital Communication Equipment (DCE).
9. Complete Maintenance Management transactions. .

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MTAOM
2. Applicable manufacturer's manuals (UPS, Ethernet Switch, Themis)

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EQUIP-3466 6.0 \* B L

Goal. Perform maintenance within the CTN.

Requirement. Given the references, one CTN, appropriate tools, and proper TMDE, isolate and repair one fault for each of the equipment groups listed below within the CTN:

1. Sensor Fusion Subsystem,.
2. Communications Subsystem,.
3. Power Subsystem.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CTN manual

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EQUIP-3467 6.0 1095 B,R,M MTAOM, CTN, TIU, Radar L

Goal. Perform maintenance within the TAOC system.

Requirement. Given the references, appropriate tools, TMDE, MTAOM, CTN, and one sensor interface (TIU) in a system, isolate and repair one fault for each of the items below:

1. MTAOM
2. CTN
3. JRE
4. TIU
5. Document as required.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.



Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 10498B-OD TAOM Operations Maintenance Manual
2. Applicable manufacturer's manuals (UPS, Ethernet Switch, Themis)
3. TM 10200A-OI/1 ADCP Maintenance Manual
4. TO 31S5-2TYQ123-8-1 JRE Operations and Maintenance Instructions

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EQUIP-3468 2.0 \* B MTAOM, CTN, CAC2S L

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Goal. Review system troubleshooting on the TDS equipment within the TAOC.

Requirement. Given the references, a core capable crew, appropriate tools, TMDE, and a command and control system; complete the follow for each systems below:

1. Monitor the operational checks of each system as required.
2. Identify and review symptoms of a fault within each system.
3. review the fault to the line replaceable unit within each system.

MTAOM

CTN

CAC2S

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 10498B-OD TAOM Operations Maintenance Manual
2. Applicable manufacturer's manuals (UPS, Ethernet Switch, Themis)
3. TM 10446B-OI SAAWF Operations and Maintenance Instructions
4. TM 10200A-OI/1 ADCP Maintenance Manual
5. TO 31S5-2TYQ123-8-1 JRE Operations and Maintenance Instructions

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EQUIP-3469 2.0 \* B MTAOM, CTN, CAC2S L

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Goal. Verify system configuration of tactical data systems within the

TAOC.

Requirement. Given the references, an emplaced system, and a core capable crew, verify equipment configuration and direct operational assessment within the system to include the following:

1. Operations of the MTAOM .
2. Operation of the CAC2S.
3. Operations of the CTN.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Applicable manufacturer's manuals (UPS, Ethernet Switch, Themis)
2. TO 31S5-2TYQ123-8-1 JRE Operations and Maintenance Instructions

#### 8.11.7 MAINTENANCE MANAGEMENT (MMGT) STAGE

8.11.8.1 Purpose. To train the trainee on the advanced skills necessary to perform as a member of a maintenance shop.

#### 8.11.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

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MMGT-3660    2.0    \*    B    L

Goal. Ensure the corrective maintenance repair process is being conducted.

Requirement. With the aid of references, ensure the timely performance of all corrective maintenance actions per the references by performing the following:

1. Verify the induction process is followed.
2. Ensure correctness of the service request and NAVMC 1018.
3. Determine availability of resources.
4. Ensure proper troubleshooting of faulty item.
5. Ensure repair parts are ordered.

6. Ensure faulty item is repaired.
7. Ensure safety measures are adhered to during repair process.
8. Ensure quality control procedures are followed.
9. Verify Modification Instruction (MI) and Technical Instruction (TI).
10. Verify proper closeout of service request.
11. Ensure equipment record is updated.

Performance Standard. With the aid of references, conduct each step of the requirement without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2C
2. TM-4700-15/1\_
3. UM-4790.5
4. MCO P4400.16G
5. MCBUL 3000
6. Associated Equipment TM

MMGT-3661 2.0 1095 B,R,M L

Goal. Validate SECRET assets.

Requirement. Given a practical application scenario, applicable maintenance and supply history documents, review and provide recommendations for organizational Critical Low Density SECRET (CLD) assets and required on-hand quantities:

1. Define the purpose of the SECRET management process.
2. Define the purpose of Critical Low Density SECRET exchange process.
3. Identify the key components of the SECRET exchange process.
4. Identify the key documentation within each component of the SECRET exchange process.
5. Identify the SECRET management re-computation process.
6. Identify Low Density SECRET assets.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO 4790.2C w/ch.1-2
2. MCO P4400.150E W/ERRATUM CH 1-2
3. FEDLOG

MMGT-3662 2.0 \* B L

Goal. Assess maintenance funding requirements.

Requirement. With the aid of references and given equipment maintenance history, projected TEEP, and anticipated maintenance shortfalls, propose funding allocations for maintenance activities.

1. Identify and prioritize funding requirements.
2. Provide a maintenance funding request based on requirements and prior year utilization.
3. Provide an anticipated maintenance funding request based on the unit's TEEP.

Performance Standard. With the aid of reference, submit a budget request with justification to the Instructor for final approval without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4400.150\_
2. MCO P7100.8\_

8.11.8 OPERATIONAL MANAGEMENT (OMGT) STAGE

8.11.8.1 Purpose. To provide the trainee advanced skills to be able to deploy TAOC and EW/C equipment to include training in understanding OPORDs, crew management, system configuration management, and proper emplacement procedures.

8.11.8.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

OMGT-3710 1.0 1095 B,R,M L

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Goal. Provide input to the operational plan.

Requirement. Given a simulation/operation and command guidance, provide input for the operation plan by performing the following:

1. Verify mission requirements.
2. Determine mission essential equipment.
3. Provide input for the Equipment Density List.
4. Assign maintenance personnel to meet mission requirements.
5. Verify communications plan supports mission execution.

Performance Standard. With the aid of references, complete each step listed above without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Operations Order
2. MCRP 5.11.1

OMGT-3711 2.0 \* B L

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Goal. Organize and assign crews for deployment.

Requirement. Given a scenario and references, perform the following:

1. Review an MSHARP report to determine individual Marine CMMR standing.
2. Assign maintenance personnel to crews dependent upon mission requirements. Factors include, but are not limited to:
  - Tactical licenses.
  - Active clearance.
  - Courier designations.

Performance Standard. With the aid of references, complete each step listed above without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.5
2. Unit TO

OMGT-3712 1.0 \* B L

Goal. Verify communications with external agencies.

Requirement. With the aid of reference and an operational system, verify communications with external agencies by performing the following:

1. Analyze guard chart.
2. Confirm radio assignment based on NET priority.
3. Verify radio checks are conducted IAW NET priority.
4. Pass control of operational NETs to operations crew.

Performance Standard. With the aid of references, complete each step listed above without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. DASC CC, External agencies with radio assets to participate in training

Reference.

1. MCWP 3-25.5
2. ACEOI

OMGT-3713 8.0 1095 B,R,M MTAOM or CAC2S L

Goal. Deploy a communications system ISO operations.

Requirement. Given an operational requirement and commander's guidance, conduct the following:

1. Review operational requirements and develop an EDL.
2. Coordinate for support equipment as required.
3. Verify and complete Bill of Materials.
4. Establish float requirements as required.
5. Supervise pack-up of equipment and validate EDL accuracy.
6. Ensure correct execution of the load plan for equipment handling and safety.

7. Ensure maintenance crews are formed and prepared for deployment.
8. Emplace equipment IAW operational requirement/plan.
9. Integrate systems IAW the operational requirement/plan.
10. Verify communications as required.

Performance Standard. With the aid of references, complete each step listed above without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO 3120.6\_
2. Applicable TMs/UMs

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OMGT-3714    8.0    \*    B    L

Goal. Deploy a maintenance capability.

Requirement. Given an operational requirement and commander's guidance, conduct the following:

1. Review operational requirements and develop an EDL.
2. Coordinate for support equipment as required.
3. Verify and complete Bill of Materials.
4. Establish float requirements as required.
5. Supervise pack-up of equipment and validate EDL accuracy.
6. Ensure correct execution of the load plan for equipment handling and safety.
7. Ensure maintenance crews are formed and prepared for deployment.

Performance Standard. With the aid of references, complete each step listed above without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO 3120.6\_
2. Applicable TMs/UMs

OMGT-3715 8.0 \* B L

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Goal. Prepare system for embark.

Requirement. Given an Equipment Density List (EDL) that supports the mission, prepare system for embark/retrograde:

1. Conduct proper system power down/teardown.
2. Layout and conduct an SL-3 inventory of the equipment.
3. Conduct Limited Technical Inspections on listed equipment.
4. Pack and secure equipment.
5. Create a packing list.
6. Placard/label the shelters for embark.

Performance Standard. With the aid of reference, complete the requirement items without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO 3120.6 (Standard Embarkation Management System)
2. TM 12041A/15050A-OD/2 CAC2S System User Manual

#### 8.11.9 MARINE AIR CONTROL GROUP (MACG) STAGE

8.11.9.1 Purpose. To provide the trainee advanced skills to be able to deploy TAOC and EW/C equipment to include training in understanding OPORDs, crew management, system configuration management, and proper emplacement procedures.

#### 8.11.9.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

MACG-3750 1.0 1095 B,R,M L

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Goal. Identify TACC Communications information exchange requirements.

Requirement. Given the references, identify the following:



1. Data systems.
2. Radio systems.
3. Data link systems.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit
4. MCBUL 3000

MACG-3751 1.0 1095 B,R,M L

Goal. Identify TAOC and EW/C communications information exchange requirements.

Requirement. Given the references, identify the following:

1. Data systems.
2. Radio systems.
3. Data link systems.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit
4. MCBUL 3000

MACG-3752 1.0 1095 B,R,M L

Goal. Identify DASC communications information exchange requirements.

Requirement. Given the references, identify the following:

1. Data systems.
2. Radio systems.
3. Data link systems.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit
4. MCBUL 3000

MACG-3753 1.0 1095 B,R,M L

Goal. Identify UAS Communications information exchange requirements.

Requirement. Given the references, identify the following:

1. Data systems.
2. Radio systems.
3. Data link systems.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit
4. MCBUL 3000

MACG-3754 1.0 1095 B,R,M L

Goal. Identify LAAD Communications information exchange requirements.

Requirement. Given the references, identify the following:

1. Data systems.
2. Radio systems.
3. Data link systems.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit
4. MCBUL 3000

MACG-3755    1.0    1095    B,R,M    L

Goal. Identify MATC communications information exchange requirements.

Requirement. Given the references, identify the following:

1. Data systems.
2. Radio systems.
3. Data link systems.

Performance Standard. Pass an exam with 80% accuracy.

Instructor. SI, WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit
4. MCBUL 3000

MACG-3756    2.0    1095    B, R, M    L

Goal. Draw a Communications Diagram for the agencies within the MACG.

Requirement. Given the references and operational diagrams, draw a communications diagram depicting the information exchange requirements for the following agencies:

1. TACC.
2. TAOC.
3. DASC.
4. MATC.
5. UAS.
6. LAAD.

Performance Standard. Pass an exam. Draw a communications diagram without error. Minor errors corrected by the trainee are acceptable.

Instructor. SI, WTI

Prerequisite. 3750, 3751, 3752, 3753, 3754, 3755

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1.MCWP 3-2
- 2.MCWP 3-25.4

#### 8.12 CORE PLUS TRAINING (4000)

8.12.1 Purpose. **RESERVED FOR FUTURE USE**

8.12.2 General.

8.12.2.1 Prerequisiste.

8.12.2.2 Admin Notes.

8.12.2.3 Stages. The following stages are included in the Core Plus Skill Introduction Phase of training.

#### 8.13 INSTRUCTOR UNDER TRAINING (IUT) (5000)

8.13.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

8.13.2 General.

8.13.2.1 Prerequisiste. None

8.13.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website,  
<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/newc3/default.aspx>.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.

8.13.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
8.13.3	INSTRUCTOR UNDER TRAINING (IUT)

8.13.3 INSTRUCTOR UNDER TRAINING (IUT) STAGE

8.13.3.1 Purpose. To train Aviation Communication System Technicians in the fundamentals of instructing and training processes.

8.13.3.2 General

Prerequisite. None

Admin Notes. None

Crew Requirements. None

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI

5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

#### 8.14 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000)

8.14.1 Purpose. This phase provides community standardization for technician qualifications and designations; combat leaders and instructor designations; and tracking of collateral duties (CD) assignments,. This syllabus does not contain "one time" certification training requirements.

#### 8.14.2 General.

8.14.2.1 Prerequisiste. None

8.14.2.2 Admin Notes.

(1) This section enables units to document and track combat leaders, instructors, technician and CD assignments. All syllabus training and administration requirements must be complete prior to being qualified or designated. A qualification or designation is not effective until all administration is completed.

(2) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

8.14.2.3 Stages. The following stages are included in the Instructor Under Training Skill Phase of training.

PAR NO.	STAGE NAME
8.14.3	QUALIFICATION (QUAL)
8.14.4	CERTIFICATIONS (CERT)
8.14.5	DESIGNATION (DESG)
8.14.6	SCHOOL CODES (SCHL)

#### 8.14.3 QUALIFICATIONS (QUAL) STAGE

8.14.3.1 Purpose. To provide for basic and advanced technician qualifications.

#### 8.14.3.2 General

Prerequisite. Refer to the Core Skill and Mission Skill phases for qualification events.

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

QUAL-6106 0.5 \* L

Goal. Qualification as an Tactical Data Systems Basic Technician (TDSBT).

Requirement. Complete required Tactical Data Systems Basic Technician training POI. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2150, 2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2195, 2230, 2300, 2301, 2320, 2322, 2323, 2324, 2325, 2381, 2424, 2425, 2426, 2427, 2692, 3465, 3466, 3712, 3715, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.  
1. Unit TO/E

QUAL-6107 0.5 \* L

Goal. Qualification as an Tactical Data Systems Advanced Technician (TDSAT).

Requirement. Complete required Tactical Data Systems Advanced Technician training POI. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 6106, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit TO/E

#### 8.14.4 CERTIFICATIONS (CERT) STAGE

8.14.4.1 Purpose. To provide for certifications of Information Assurance Work Force personnel. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a certification are current prior to approving that certification. If prerequisite R-coded events are delinquent, the individual shall update those events.

#### 8.14.4.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining certification are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. NONE.

CERT-6200	8.0	*	B	L
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Goal. Certification as a COMPTIA A+ Technician.

Requirement. Complete the required industry certification exams, COMPTIA 220-801 and COMPTIA 220-802. Be recommended for certification by an SI or WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 3280, 3281

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. DOD 8570.\_

CERT-6201	8.0	*	B	L
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Goal. Certification as a COMPTIA Network+ Technician.

Requirement. Complete the required industry certification exam, COMPTIA N10-008. Be recommended for certification by an SI or WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2259, 2260, 2261, 2262, 2263, 3282

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. DOD 8570.\_

CERT-6202    8.0    \*    B    L

Goal. Certification as a COMPTIA Security+ Technician.

Requirement. Complete the required industry certification exams, COMPTIA SY0-301. Be recommended for certification by an SI or WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2264, 2265, 2266, 2267, 2268, 2269, 3283

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. DOD 8570.\_

#### 8.14.5 DESIGNATIONS (DESG) STAGE

8.14.5.1 Purpose. To provide for designation of combat leaders and instructors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events throughout this syllabus have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

#### 8.14.5.2 General

Prerequisite. None

Admin Notes. Policies and rules for attaining and maintaining designations are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements. None

DESG-6308 1.0 \* L

Goal. Designation as a Tactical Data Systems Crew Chief (TDSCC).

Requirement. Complete required Tactical Data Systems Crew Chief training POI. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2425, 2426, 2427, 2601, 2602, 2603, 2606, 2607, 2612, 2614, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 3465, 3466, 3467, 3468, 3469, 3660, 3661, 3710, 3711, 3712, 3713, 3715, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit TO/E

DESG-6309 1.0 \* L

Goal. Designation as a Tactical Data Systems Maintenance Chief (TDSMC).

Requirement. Complete required Tactical Data Systems Maintenance Chief training POI. Be recommended for qualification by a WTI and approved in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2425, 2426, 2427, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 3465, 3466, 3467, 3468, 3469, 3660, 3661, 3662, 3710, 3711, 3712, 3713, 3714, 3715, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit TO/E

DESG-6320 1.0 \* L

Goal. Designation as a Basic Instructor (BI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2195, 2230, 2300, 2301, 2320, 2322, 2323, 2324, 2325, 2381, 2424, 2425, 2426, 2427, 2692, 3465, 3466, 3712, 3715, 5000, 5010, 5020, 6106, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NAVMC 3500.14\_

DESG-6321 1.0 \* L

Goal. Designation as a Senior Instructor (SI).

Requirement. Be recommended for designation by a WTI and designated in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NAVMC 3500.14

DESG-6340 1.0 \* L

Goal. Designation as a Maintenance Safety NCO.

Requirement. Perform all duties associated with the Maintenance Safety NCO IAW the reference for a period of no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2235, 2236

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit SOP

DESG-6341 1.0 \* L

Goal. Designation as a Maintenance HAZMAT NCO.

Requirement. Perform all duties associated with the Hazmat NCO IAW the reference for a period no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2235, 2236

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit SOP

DESG-6342 1.0 \* L

Goal. Designation as a Maintenance Publications NCO.

Requirement. Perform all duties associated with the Publications NCO IAW the reference for a period no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2234

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_

DESG-6343 1.0 \* L

Goal. Designation as a Maintenance Tools NCO.

Requirement. Perform all duties associated with the Tools NCO IAW the reference for a period no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2233

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_

DESG-6344 1.0 \* L

Goal. Designation as a Maintenance Calibrations NCO.

Requirement. Perform all duties associated with the Calibrations NCO IAW the reference for a period no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2231

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_

DESG-6345 1.0 \* L

Goal. Designation as a Maintenance Modifications NCO.

Requirement. Perform all duties associated with the Modifications NCO IAW the reference for a period no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2232, 2234

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_

DESG-6346 1.0 \* L

Goal. Designation as a Maintenance Embarkation NCO.

Requirement. Perform all duties associated with the Embarkation NCO IAW the reference for a period no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230, 2237

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit SOP

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DESG-6347 1.0 \* L

Goal. Designation as a Marine Corps Integrated Maintenance Management System (MIMMS) NCO.

Requirement. Perform all duties associated with the Marine Corps Integrated Maintenance Management System (MIMMS) NCO IAW the reference for a period of no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2159, 2230, 2602

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_

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DESG-6348 1.0 \* L

Goal. Designation as a Maintenance Training NCO.

Requirement. Perform all duties associated with the Training NCO IAW the reference for a period of no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2230

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit SOP

DESG-6352 1.0 \* L

Goal. Designation as a Maintenance Quality Control (QC) NCO.

Requirement. Perform all duties associated with the Quality Control NCO IAW the reference for a period of no less than 90 days. Be recommended for designation by the SI or WTI and designated by Commanding Officer or Maintenance Officer.

Performance Standard. N/A

Instructor. SI, WTI

Prerequisite. 2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCO P4790.2\_

#### 8.14.6 SCHOOL CODES (SCHL) STAGE

8.14.6.1 Purpose. To provide tracking codes for schools that are pertinent to the training of the 5979 in the skill progression of the Marine.

#### 8.14.6.2 General



Prerequisite. NONE.

Admin Notes. Policies and prerequisites for attending the listed schools are maintained within MCTIMS.

Crew Requirements. NONE.

T&R CODE	COURSE NAME	LOCATION	CID/CIN
SCHL-6013	System Administrator	Hurlburt Field, FL	F19L2U2
SCHL-6014	Network Administrator	Hurlburt Field, FL	F19L9W2
SCHL-6020	Link 16 Basics Course (JT-100)	Joint Knowledge Online (JKO)	
SCHL-6021	Intro to Multi TDL Network (JT-101)	Fort Bragg, NC	N/A
SCHL-6022	Multi-TDL Advanced Joint Interoperability Course (MAJIC) (JT-102)	Fort Bragg, NC	A36L6Z1
SCHL-6023	Link 16 Joint Interoperability Course (US-109)	Joint Knowledge Online (JKO)	N/A
SCHL-6024	Multi TDL Planner Course (JT-201)	Fort Bragg, NC	A05KHY1
SCHL-6025	Link 16 Unit Manager (LUM) Course (JT-220)	Fort Bragg, NC	N/A
SCHL-6030	MATC Work Center Supervisors Course	NATTC, FL	N23KCM2
SCHL-6031	MATC Maintenance Managers Course	NATTC, FL	N23KCN2
SCHL-6073	Micro miniature Electronic Repair	C4I Elec. Trng Det, San Diego CA	N01A351
SCHL 6079	JRE-GW Operators' Course	Titan L3	N/A

#### 8.15 MISSION ESSENTIAL TASK (MET) PHASE (7000)

8.15.1 Purpose. This phase takes CMMR proficient Marines from multiple PMOS, puts them in CMMR representative crews, and trains them as combat effective teams in combined events.

##### 8.15.2 General

8.15.2.1 Prerequisite. Marines must either be CMMR crew position or non-aviation PMOS proficient to train in this phase. For those events requiring combat leaders, only Marines currently designated as such can train in this phase.

8.15.2.2 Admin Notes. Prerequisites for this phase of training cannot be waived. Multiple events can be trained at the same time as long as separate evaluations are being conducted.

8.15.2.3 Stages. The following stages are included in the Mission Essential Task (MET) Phase of training.

PAR NO.	STAGE NAME
8.15.3	CONDITION (COND)

##### 8.15.3 CONDITION (COND) STAGE

8.15.3.1 Purpose. To train unit level teams in executing community specific MET(s) or MET preparatory events.

##### 8.15.3.2 General

Prerequisite. If an event requires prerequisites in addition to those listed for the MET Phase, they will be covered in the individual event.

Admin Notes. All events in this stage will require the following administrative/operational documents to be identified or created:

1. Letter Of Intent (LOI)
2. Personnel Roster
3. Bill Of Material (BOM)
8. Equipment Density List (EDL)

Crew Requirements. This stage requires that all crew members and combat leaders be qualified/designated and proficient (current) in the position they are assigned for the following events. Crews shall be task organized to meet the mission.

COND-7500	50.0	365	B, R, M	C2 System	L/S
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Goal. Employ a TAOC.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL), Commander's guidance, and an operation plan's initiating order, employ a TAOC to include the following:

1. Conduct Mission Analysis
2. Review Operational Planning Documents
3. Identify required support personnel
8. Identify equipment requirements
8. Conduct an RSOP
6. Identify, create, and finalize administrative documents supporting the operation
8. Coordinate with external agencies
8. Conduct embarkation, and retrograde of personnel and equipment
9. Maintain accountability of personnel
10. Conduct TAOC operations
11. Conduct crew evaluations
12. Compile After-Action items

Performance Standard. Perform the requirement items listed and conduct TAOC operations during a real world operation or training simulation.

Instructor. WTI

Prerequisite. Minimum of two CMMR TAOC Crews

Ordinance. None.

Range. Range space capable of hosting itinerant air traffic, combat air patrols, air-to-air refueling tracks, HVAA tracks

External Syllabus Support. TAOC Detachment Commander and representatives from the S-1, S-2, S-3, S-4, S-6. Live execution will require specific T/M/S aviation assets.

Reference.

1. U-TAOC-PCL-03862, TAOC Pocket Checklist
2. MCWP 3-28.7, TAOC Handbook
3. Squadron SOP

COND-7505 10.0 365 B, R, M L/S

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Goal. Conduct a Reconnaissance, Selection, and Occupation of Position (RSOP) for the TAOC.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL) and an operation plan's initiating order, conduct a RSOP for TAOC operations to include the following:

1. Conduct a Map Survey selecting primary and alternate sites
2. Identify environmental concerns that may affect TAOC communication
3. Coordinate with higher to provide TAOC requirements
8. Coordinate site security, camouflage, dispersion, and trafficability
8. Identify locations for emplacement of communications and support equipment
6. Coordinate priorities for equipment emplacement
8. Identify echelon considerations
8. Identify Advanced Party/RSOP Team
9. Occupy the site
10. Emplace the TAOC

Performance Standard. Perform the requirement items. The RSOP team will be prepared to discuss decisions/actions.

Instructor. C3 WTI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. TAOC Detachment Commander, TAOC Crew Chief, security team, Representatives from the S-2, S-4, S-6

Reference.

1. U-TAOC-PCL-03862 TAOC Pocket Checklist
2. MCWP 3-28.7, TAOC Handbook
3. Squadron SOP

#### 8.16 AVIATION CAREER PROGRESSION MODEL (8000).

8.16.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

Marine Air Command and Control System (MACCS)  
Aviation Ground Support

Joint Air Operations  
ACE Battle Staff  
MAGTF  
Seabased Operations  
Combatant Commander Organizations

8.16.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/Aviation%20Career%20Progression%20Model/Forms/AllItems.aspx>

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	<b>MACCS</b>		1	2000 PHASE
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM		4	2000 PHASE
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)		4	2000 PHASE
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)		4	2000 PHASE
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)		4	2000 PHASE
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)		4	2000 PHASE
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)		4	2000 PHASE
ACPM	8007	Marine Unmanned Aerial Vehicle Squadron (VMU)		4	2000 PHASE
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)		4	2000 PHASE
ACPM	8020	<b>ACE</b>		1	2000 PHASE
ACPM	8021	AVIATION OPERATIONS		4	2000 PHASE
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		4	2000 PHASE
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)		4	2000 PHASE
ACPM	8024	ASSAULT SUPPORT		4	2000 PHASE
ACPM	8025	AIR RECONNAISSANCE		4	2000 PHASE
ACPM	8026	ELECTRONIC WARFARE		4	2000 PHASE
ACPM	8027	ANTI-AIR WARFARE		4	2000 PHASE
ACPM	8028	AVIATION GROUND SUPPORT		4	2000 PHASE
ACPM	8040	<b>THREAT</b>		1	3000 PHASE
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		4	3000 PHASE
ACPM	8042	FIXED WING THREAT TO THE MAGTF		4	3000 PHASE

ACPM	8043	ROTARY WING THREAT TO THE MAGTF		4	3000 PHASE
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF		4	3000 PHASE
ACPM	8060	<b>MAGTF</b>		1	3000 PHASE
ACPM	8061	GROUND COMBAT OPERATIONS		4	3000 PHASE
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	3000 PHASE
ACPM	8063	MAGTF COMMAND AND CONTROL		4	3000 PHASE
ACPM	8064	MAGTF COMMUNICATIONS		4	3000 PHASE
ACPM	8065	PHASING CONTROL ASHORE		4	3000 PHASE
ACPM	8066	INFORMATION MANAGEMENT		4	3000 PHASE
ACPM	8067	UAS SUPPORT OF THE MAGTF		4	3000 PHASE
ACPM	8080	<b>JOINT AIR OPERATIONS</b>		1	3000 PHASE
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	3000 PHASE
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	3000 PHASE
ACPM	8083	JOINT FIRE SUPPORT		4	3000 PHASE
ACPM	8084	CLOSE AIR SUPPORT		4	3000 PHASE
ACPM	8085	JOINT TARGETING		4	3000 PHASE
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000 PHASE
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000 PHASE
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000 PHASE
TOTAL ACPM STAGE			40	145	

#### 8.17 T&R ATTAIN AND MAINTAIN TABLES

TAOC MAINTENANCE MOS 5979											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
CORE SKILL (2000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct an SL-3 inventory.	CMN	2150	*	CMN	2150					-	-
Identify the purpose of Preventive Maintenance Checks and Services (PMCS).	CMN	2151	*	CMN	2151					-	-
Submit a Product Quality Deficiency Report (PQDR).	CMN	2152	*	CMN	2152					-	-
Demonstrate an earth ground installation.	CMN	2153	*	CMN	2153					2173	-
Describe the characteristics of unit T/E generators.	CMN	2154	*	CMN	2154	CMN	2154			-	-
Describe T/E shelters.	CMN	2155	*	CMN	2155					-	-
Emplace shelter.	CMN	2156	*	CMN	2156					2155	-
Cable shelter for power.	CMN	2157	*	CMN	2157					2156	-

Demonstrate how to maintain a tool box.	CMN	2158	*	CMN	2158					2150, 2151	-
Initiate a service request.	CMN	2159	*	CMN	2159	CMN	2159			-	-
Utilize an oscilloscope.	TMDE	2171	*	TMDE	2171	TMDE	2171			2172	-
Demonstrate the use of a signal generator.	TMDE	2172	*	TMDE	2172	TMDE	2172			-	-
Utilize a Ground Tester.	TMDE	2173	*	TMDE	2173	TMDE	2173			-	-
Utilize a multimeter.	TMDE	2175	*	TMDE	2175	TMDE	2175			-	-
Utilize a wattmeter.	TMDE	2177	*	TMDE	2177	TMDE	2177			-	-
Utilize an Optical Time Domain Reflectometer (OTDR).	TMDE	2178	*	TMDE	2178	TMDE	2178			-	-
Describe proper handling and storage of classified materials.	COMSEC	2190	365	COMSEC	2190	COMSEC	2190	COMSEC	2190	-	-
State the physical security requirements for classified areas.	COMSEC	2191	365	COMSEC	2191	COMSEC	2191	COMSEC	2191	-	-
Create a classified area physical security diagram.	COMSEC	2192	365	COMSEC	2192	COMSEC	2192	COMSEC	2192	2191	-
Conduct classified material inventory.	COMSEC	2193	365	COMSEC	2193	COMSEC	2193	COMSEC	2193	2190	-
Extract key material information from EKMS COMSEC callout.	COMSEC	2194	*	COMSEC	2194	COMSEC	2194			2190	-
Utilize a Common Fill Device.	COMSEC	2195	365	COMSEC	2195	COMSEC	2195	COMSEC	2195	2190	-
Ensure CMCC handling procedures are followed.	COMSEC	2196	*	COMSEC	2196					2190	-
Ensure EKMS material handling procedures are followed.	COMSEC	2197	*	COMSEC	2197					2190	-
Ensure CCI material handling procedures are followed.	COMSEC	2198	*	COMSEC	2198					2190	-
Ensure physical security of classified areas.	COMSEC	2199	365	COMSEC	2199	COMSEC	2199	COMSEC	2199	2191, 2192	-
Describe HF, VHF, UHF, SATCOM radio characteristics.	FAM	2210	*	FAM	2210					-	-
State the purpose of Automated Data Processing Equipment (ADPE).	FAM	2211	*	FAM	2211					-	-
Describe the CAC2S.	FAM	2212	*	FAM	2212					-	-
Identify the Intelligence Operations Workstation (IOW).	FAM	2216	*	FAM	2216					-	-
Describe T/E radios.	FAM	2217	*	FAM	2217					-	-
Describe C2 Applications.	FAM	2218	*	FAM	2218					-	-

Familiarization with LRR equipment.	FAM	2219	*	FAM	2219					-	-
Familiarization with MRR equipment.	FAM	2220	*	FAM	2220					-	-
Describe the Identification Friend or Foe (IFF) MK XII interrogator system.	FAM	2221	*	FAM	2221					-	-
Describe TACLAN.	FAM	2222	*	FAM	2222					-	-
State the maintenance Collateral Duties (CD).	CD	2230	*	CD	2230	CD	2230			-	-
Identify the Maintenance Calibrations Program.	CD	2231	*	CD	2231					2230	-
Identify the Maintenance Modifications Program.	CD	2232	*	CD	2232					2230	-
Manage the Tool Control Program.	CD	2233	*	CD	2233					2230	-
Identify the Maintenance Publications Library.	CD	2234	*	CD	2234					2230	-
Identify major Maintenance Safety Program elements.	CD	2235	*	CD	2235					2230	-
State the purpose of the Material Safety Data Sheet (MSDS) and the MSDS compliance center.	CD	2236	*	CD	2236					2230	-
Identify the key elements of the Maintenance Embarkation Program.	CD	2237	*	CD	2237					2230	-
Identify the equipment record jacket.	CD	2238	*	CD	2238					2230	-
Perform Quality Control Procedures.	CD	2242	1460	CD	2242	CD	2242	CD	2242	2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 6106, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006,	-

										8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	
Identify the Maintenance Training program.	CD	2243	*	CD	2243					2230	-
Explain PC hardware.	IAWFAT	2250	*	IAWFAT	2250					-	-
Explain networking concepts.	IAWFAT	2251	*	IAWFAT	2251					-	-
Explain laptop features and characteristics.	IAWFAT	2252	*	IAWFAT	2252					-	-
Explain printer features and characteristics.	IAWFAT	2253	*	IAWFAT	2253					-	-
Explain operational procedures.	IAWFAT	2254	*	IAWFAT	2254					-	-
Explain operating systems.	IAWFAT	2255	*	IAWFAT	2255					-	-
Explain security.	IAWFAT	2256	*	IAWFAT	2256					-	-
Explain Mobile Devices.	IAWFAT	2257	*	IAWFAT	2257					-	-
Explain Troubleshooting.	IAWFAT	2258	*	IAWFAT	2258					-	-
Explain Networking Concepts.	IAWFNT	2259	*	IAWFNT	2259					-	-
Explain Network Installation and Configuration.	IAWFNT	2260	*	IAWFNT	2260					-	-
Explain Network Media and Topologies.	IAWFNT	2261	*	IAWFNT	2261					-	-
Explain Network Management.	IAWFNT	2262	*	IAWFNT	2262					-	-
Explain Network Security.	IAWFNT	2263	*	IAWFNT	2263					-	-
Explain Network Security.	IAWFST	2264	*	IAWFST	2264					-	-
Explain Operational Security.	IAWFST	2265	*	IAWFST	2265					-	-
Explain threats and vulnerabilities.	IAWFST	2266	*	IAWFST	2266					-	-
Explain cryptography.	IAWFST	2267	*	IAWFST	2267					-	-
Explain access control and identity management.	IAWFST	2268	*	IAWFST	2268					-	-
Explain application, data and host security.	IAWFST	2269	*	IAWFST	2269					-	-



Build a data base for the TAOM or MTAOM.	CONFIG	2300	*	CONFIG	2300	CONFIG	2300			-	-
Verify voice communications are operational.	CONFIG	2301	*	CONFIG	2301					-	-
Restore system software for MTAOM, CTN, and JRE.	CONFIG	2302	*	CONFIG	2302	CONFIG	2302			-	-
Perform data recovery management on a TDS system.	CONFIG	2303	*	CONFIG	2303	CONFIG	2303			-	-
Perform logfile management on a TDS system.	CONFIG	2304	*	CONFIG	2304	CONFIG	2304			-	-
Perform account management on a TDS system.	CONFIG	2305	*	CONFIG	2305	CONFIG	2305			-	-
Apply Software release updates for TDS system.	CONFIG	2306	*	CONFIG	2306	CONFIG	2306			-	-
Update firmware within TDS systems.	CONFIG	2307	*	CONFIG	2307	CONFIG	2307			-	-
Configure TDS network equipment.	CONFIG	2308	*	CONFIG	2308	CONFIG	2308			-	-
Configure TDS circuit cards.	CONFIG	2309	*	CONFIG	2309	CONFIG	2309			-	-
State the purpose of Interface Coordination.	DLC	2320	*	DLC	2320					-	-
Know the types and purpose of data filters.	DLC	2321	*	DLC	2321					-	-
State the characteristics of and terms associated with Link 11.	DLC	2322	*	DLC	2322					-	-
State the characteristics of and terms associated with Link 11B.	DLC	2323	*	DLC	2323					-	-
State the characteristics of Link 16.	DLC	2324	*	DLC	2324					-	-
State the characteristics of Joint Range Extension Application Protocol (JREAP).	DLC	2325	*	DLC	2325					-	-
Operate Link 11.	DLC	2326	730	DLC	2326	DLC	2326	DLC	2326	-	-
Operate Link 11B.	DLC	2327	730	DLC	2327	DLC	2327	DLC	2327	-	-
Operate Link 16.	DLC	2328	730	DLC	2328	DLC	2328	DLC	2328	-	-
Configure the Joint Range Extension-Gateway (JRE-GW).	DLC	2329	730	DLC	2329	DLC	2329	DLC	2329	-	-
Operate JREAP A.	DLC	2330	730	DLC	2330	DLC	2330	DLC	2330	-	-
Operate JREAP B.	DLC	2331	730	DLC	2331	DLC	2331	DLC	2331	-	-
Operate JREAP C.	DLC	2332	730	DLC	2332	DLC	2332	DLC	2332	-	-
Troubleshoot Link 11.	DLC	2333	*	DLC	2333					-	-
Troubleshoot Link 11B.	DLC	2334	*	DLC	2334					-	-

Troubleshoot Link 16.	DLC	2335	*	DLC	2335					-	-
Troubleshoot JREAP A.	DLC	2336	*	DLC	2336					-	-
Troubleshoot JREAP B.	DLC	2337	*	DLC	2337					-	-
Troubleshoot JREAP C.	DLC	2338	*	DLC	2338					-	-
Conduct Maintenance on the AN/USQ-140(V)2 Multifunctional Information Distribution System (MIDS).	EQUIP	2380	*	EQUIP	2380					-	-
Identify the major components of the AN/USQ-140(V)2 Multifunctional Information Distribution System (MIDS).	EQUIP	2381	*	EQUIP	2381					-	-
Set-up the Mobile Tactical Air Operations Module (MTAOM).	EQUIP	2424	*	EQUIP	2424					-	-
Tear down the Mobile Tactical Air Operations Module (MTAOM).	EQUIP	2425	*	EQUIP	2425					-	-
Set-up the Composite Tracking Network (CTN).	EQUIP	2426	730	EQUIP	2426	EQUIP	2426	EQUIP	2426	-	-
Tear-down the Composite Tracking Network (CTN).	EQUIP	2427	730	EQUIP	2427	EQUIP	2427	EQUIP	2427	-	-
Ensure preparatory measures are taken for disposition of equipment.	MMGT	2600	*	MMGT	2600					2150	-
Create a Preventive Maintenance Checks and Services (PMCS) schedule.	MMGT	2601	*	MMGT	2601					2151	-
Reconcile Global Combat Supply System (GCSS) reports.	MMGT	2602	*	MMGT	2602	MMGT	2602			2159	-
Identify the SECREP management process.	MMGT	2603	*	MMGT	2603					-	-
Define RA with regards to O&M funds.	MMGT	2604	*	MMGT	2604					-	-
Define PE with regards to O&M funds.	MMGT	2605	*	MMGT	2605					-	-
Induct new equipment into service.	MMGT	2606	*	MMGT	2606					2150, 2159, 2231, 2238	-
Phase out equipment.	MMGT	2607	*	MMGT	2607					2150	-
Inspect maintenance functional areas.	MMGT	2608	*	MMGT	2608	MMGT	2608			2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238	-

State the process to submit a Table of organization and equipment (TO&E) Change Request (TOECR).	MMGT	2609	*	MMGT	2609					-	-
Identify the Marine Corps Urgent Needs Process (MCUNP).	MMGT	2610	*	MMGT	2610					-	-
Conduct a Consolidated Memorandum Receipt (CMR) Review.	MMGT	2611	*	MMGT	2611					-	-
Verify inventory control procedures are implemented.	MMGT	2612	*	MMGT	2612					2150, 2159	-
Identify the functions of maintenance management.	MMGT	2613	*	MMGT	2613					2602, 2603, 2609, 2611	-
Ensure equipment is inducted into maintenance cycle.	MMGT	2614	*	MMGT	2614					2159	-
Identify the purpose of communication planning documents.	OMGT	2680	*	OMGT	2680					-	-
Determine required equipment to support a mission.	OMGT	2681	365	OMGT	2681	OMGT	2681	OMGT	2681	-	-
Conduct communications portion of a site survey.	OMGT	2682	1460	OMGT	2682	OMGT	2682	OMGT	2682	-	-
Identify crew requirements and write a crew schedule.	OMGT	2683	*	OMGT	2683					-	-
Determine supply support requirements.	OMGT	2684	*	OMGT	2684					2691	-
Develop an embarkation plan.	OMGT	2685	*	OMGT	2685					2687	-
Write a packing list.	OMGT	2686	1460	OMGT	2686	OMGT	2686	OMGT	2686	-	-
Write an Equipment Density List (EDL).	OMGT	2687	*	OMGT	2687					-	-
Identify power requirements.	OMGT	2688	365	OMGT	2688	OMGT	2688	OMGT	2688	-	-
Identify spectrum management procedures.	OMGT	2689	*	OMGT	2689					-	-
Fill out a Logistics Support Request (LSR).	OMGT	2690	*	OMGT	2690					-	-
Submit a Bill of Material (BOM) request.	OMGT	2691	*	OMGT	2691					-	-
Describe common agency doctrinal nets.	OMGT	2692	*	OMGT	2692					-	-
Identify communication service request procedures.	OMGT	2693	*	OMGT	2693					-	-
Draw a site diagram for the TAOC.	OMGT	2694	*	OMGT	2694	OMGT	2694			-	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION	BASIC POI			BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Explain concepts included in A+ exam 220-801.	IAWFAT	3280	1095	IAWFAT	3280	IAWFAT	3280	IAWFAT	3280	2250, 2251, 2252, 2253, 2254	-
Explain concepts included in A+ exam 220-802.	IAWFAT	3281	1095	IAWFAT	3281	IAWFAT	3281	IAWFAT	3281	2255, 2256, 2257, 2258	-
Explain concepts included in Network+ exam N10-005.	IAWFNT	3282	1095	IAWFNT	3282	IAWFNT	3282	IAWFNT	3282	2259, 2260, 2261, 2262, 2263	-
Explain concepts included in Security + exam SY0-301.	IAWFST	3283	1095	IAWFST	3283	IAWFST	3283	IAWFST	3283	2264, 2265, 2266, 2267, 2268, 2269	-
Perform maintenance within the MTAOM.	EQUIP	3465	*	EQUIP	3465					-	-
Perform maintenance within the CTN.	EQUIP	3466	*	EQUIP	3466					-	-
Perform maintenance within the TAOC system.	EQUIP	3467	*	EQUIP	3467	EQUIP	3467			-	-
Review system troubleshooting on the TDS equipment within the TAOC.	EQUIP	3468	*	EQUIP	3468					-	-
Verify system configuration of tactical data systems within the TAOC.	EQUIP	3469	*	EQUIP	3469					-	-
Ensure the corrective maintenance repair process is being conducted.	MMGT	3660	*	MMGT	3660					-	-
Validate SECREP assets.	MMGT	3661	1095	MMGT	3661	MMGT	3661	MMGT	3661	-	-
Assess maintenance funding requirements.	MMGT	3662	*	MMGT	3662					-	-
Provide input to the operational plan.	OMGT	3710	1095	OMGT	3710	OMGT	3710	OMGT	3710	-	-
Organize and assign crews for deployment.	OMGT	3711	*	OMGT	3711					-	-
Verify communications with external agencies.	OMGT	3712	*	OMGT	3712					-	-
Deploy a communications system ISO operations.	OMGT	3713	1095	OMGT	3713	OMGT	3713	OMGT	3713	-	-
Deploy a maintenance capability.	OMGT	3714	*	OMGT	3714					-	-
Prepare system for embark.	OMGT	3715	*	OMGT	3715					-	-
Identify TACC Communications information exchange requirements.	MACG	3750	1095	MACG	3750	MACG	3750	MACG	3750	-	-

Identify TAOC and EW/C communications information exchange requirements.	MACG	3751	1095	MACG	3751	MACG	3751	MACG	3751	-	-
Identify DASC communications information exchange requirements.	MACG	3752	1095	MACG	3752	MACG	3752	MACG	3752	-	-
Identify UAS Communications information exchange requirements.	MACG	3753	1095	MACG	3753	MACG	3753	MACG	3753	-	-
Identify LAAD Communications information exchange requirements.	MACG	3754	1095	MACG	3754	MACG	3754	MACG	3754	-	-
Identify MATC communications information exchange requirements.	MACG	3755	1095	MACG	3755	MACG	3755	MACG	3755	-	-
Draw a Communications Diagram for the agencies within the MACG.	MACG	3756	1095	MACG	3756	MACG	3756	MACG	3756	3750, 3751, 3752, 3753, 3754, 3755	-

8.18 T&R SYLLABUS MATRIX

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
AIR SCHOOLS (AIRS)																			
AIRS	1110	Perform corrective maintenance on the Mobile Tactical Air Operations Module (MTAOM).	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1111	Perform operator/crew maintenance on the Composite Tracking Network (CTN).	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1112	Perform corrective maintenance on Tactical Cable Assemblies.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1113	Perform Mobile Tactical Air Operations Module (MTAOM) operations.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1114	Configure the AN/MSQ-143 Composite Tracking Network (CTN) for Operation.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1115	Perform basic Network Administration.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1116	Perform basic UNIX Administration.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1117	Perform corrective maintenance on the TAOM Interface Unit (TIU).	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1118	Configure the TAOM Interface Unit (TIU) for operations.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1119	Describe the Tactical Air Operations Center (TAOC) C2 Equipment.	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
AIRS	1121	Describe the Marine Air Control Squadron (MACS).	B	E	G	-	-	D	*		0		0		0.0	-	-	-	
TOTAL AIR SCHOOLS (AIRS) SKILL STAGE										11	0	0	0	0	0.0				
TOTAL CORE SKILL INTRODUCTION PHASE TRAINING (1000 PHASE)										11	0	0	0	0	0.0				
MACCS MAINTENANCE COMMON (CMN)																			

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TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CMN	2150	Conduct an SL-3 inventory.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
CMN	2151	Identify the purpose of Preventive Maintenance Checks and Services (PMCS).	B	-	L	-	-	-	*		0		0		1.5	-	-	-	
CMN	2152	Submit a Product Quality Deficiency Report (PQDR).	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
CMN	2153	Demonstrate an earth ground installation.	B	-	L	-	-	-	*		0		0		3.0	2173	-	-	
CMN	2154	Describe the characteristics of unit T/E generators.	B, R	-	L	-	-	-	*		0		0		2.0	-	-	-	
CMN	2155	Describe T/E shelters.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
CMN	2156	Emplace shelter.	B	-	L	-	-	-	*		0		0		2.0	2155	-	-	
CMN	2157	Cable shelter for power.	B	-	L	-	-	-	*		0		0		2.0	2156	-	-	
CMN	2158	Demonstrate how to maintain a tool box.	B	-	L	-	-	-	*		0		0		1.0	2150, 2151	-	-	
CMN	2159	Initiate a service request.	B, R	-	L	-	-	-	*		0		0		1.0	-	-	-	
TOTAL TEST MEASUREMENT/DIAGNOSTIC EQUIPMENT (TMDE) STAGE										0	0	0	0	10	4.0				
TEST MEASUREMENT/DIAGNOSTIC EQUIPMENT (TMDE)																			
TMDE	2171	Utilize an oscilloscope.	B, R	-	L	-	-	-	*		0		0		2.0	2172	-	-	
TMDE	2172	Demonstrate the use of a signal generator.	B, R	-	L	-	-	-	*		0		0		2.0	-	-	-	
TMDE	2173	Utilize a Ground Tester.	B, R	-	L	-	-	-	*		0		0		2.0	-	-	-	
TMDE	2175	Utilize a multimeter.	B, R	-	L	-	-	-	*		0		0		1.0	-	-	-	
TMDE	2177	Utilize a wattmeter.	B, R	-	L	-	-	-	*		0		0		1.0	-	-	-	
TMDE	2178	Utilize an Optical Time Domain Reflectometer (OTDR).	B, R	-	L	-	-	-	*		0		0		1.0	-	-	-	
TOTAL TEST MEASUREMENT/DIAGNOSTIC EQUIPMENT (TMDE) STAGE										0	0	0	0	6	8.0				
COMMUNICATION SECURITY (COMSEC)																			
COMSEC	2190	Describe proper handling and storage of classified materials.	B, R, M	-	L	-	-	-	365		0		0		2.0	-	-	-	
COMSEC	2191	State the physical security requirements for classified areas.	B, R, M	-	L	-	-	-	365		0		0		2.0	-	-	-	
COMSEC	2192	Create a classified area physical security diagram.	B, R, M	-	L	-	-	-	365		0		0		2.0	2191	-	-	

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
COMSEC	2193	Conduct classified material inventory.	B, R, M	-	L	-	-	-	365		0		0		2.0	2190	-	-	-
COMSEC	2194	Extract key material information from EKMS COMSEC callout.	B, R	-	L	-	-	-	*		0		0		2.0	2190	-	-	-
COMSEC	2195	Utilize a Common Fill Device.	B, R, M	-	L	-	-	-	365		0		0		2.0	2190	-	-	-
COMSEC	2196	Ensure CMCC handling procedures are followed.	B	-	L	-	-	-	*		0		0		2.0	2190	-	-	-
COMSEC	2197	Ensure EKMS material handling procedures are followed.	B	-	L	-	-	-	*		0		0		2.0	2190	-	-	-
COMSEC	2198	Ensure CCI material handling procedures are followed.	B	-	L	-	-	-	*		0		0		1.0	2190	-	-	-
COMSEC	2199	Ensure physical security of classified areas.	B, R, M	-	L	-	-	-	365		0		0		2.0	2191, 2192	-	-	-
TOTAL COMMUNICATION SECURITY (COMSEC) STAGE										0	0	0	0	10	19.0				
FAMILIARIZATION (FAM)																			
FAM	2210	Describe HF, VHF, UHF, SATCOM radio characteristics.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
FAM	2211	State the purpose of Automated Data Processing Equipment (ADPE).	B	-	L	-	-	-	*		0		0		3.0	-	-	-	-
FAM	2212	Describe the CAC2S.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
FAM	2216	Identify the Intelligence Operations Workstation (IOW).	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
FAM	2217	Describe T/E radios.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
FAM	2218	Describe C2 Applications.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
FAM	2219	Familiarization with LRR equipment.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
FAM	2220	Familiarization with MRR equipment.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
FAM	2221	Describe the Identification Friend or Foe (IFF) MK XII interrogator system.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-
FAM	2222	Describe TACLAN.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-



TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
	TOTAL FAMILIARIZATION (FAM) STAGE											0	0	0	0				
COLLATERAL DUTY (CD)																			
CD	2230	State the maintenance Collateral Duties (CD).	B, R	-	L	-	-	-	*		0		0		8.0	-	-	-	-
CD	2231	Identify the Maintenance Calibrations Program.	B	-	L	-	-	-	*		0		0		1.0	2230	-	-	-
CD	2232	Identify the Maintenance Modifications Program.	B	-	L	-	-	-	*		0		0		2.0	2230	-	-	-
CD	2233	Manage the Tool Control Program.	B	-	L	-	-	-	*		0		0		2.0	2230	-	-	-
CD	2234	Identify the Maintenance Publications Library.	B	-	L	-	-	-	*		0		0		2.0	2230	-	-	-
CD	2235	Identify major Maintenance Safety Program elements.	B	-	L	-	-	-	*		0		0		2.0	2230	-	-	-
CD	2236	State the purpose of the Material Safety Data Sheet (MSDS) and the MSDS compliance center.	B	-	L	-	-	-	*		0		0		2.0	2230	-	-	-
CD	2237	Identify the key elements of the Maintenance Embarkation Program.	B	-	L	-	-	-	*		0		0		3.0	2230	-	-	-
CD	2238	Identify the equipment record jacket.	B	-	L	-	-	-	*		0		0		1.0	2230	-	-	-

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TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CD	2242	Perform Quality Control Procedures.	B, R, M	-	L	-	-	-	1460						2.0	2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 6106, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-	-
CD	2243	Identify the Maintenance Training program.	B	-	L	-	-	-	*		0		0		2.0	2230	-	-	-
TOTAL COLLATERAL DUTY (CD) STAGE										0	0	0	0	11	0.0				
INFORMATION ASSURANCE WORK FORCE A+(IAWFAT)																			
IAWFAT	2250	Explain PC hardware.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2251	Explain networking concepts.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2252	Explain laptop features and characteristics.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2253	Explain printer features and characteristics.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2254	Explain operational procedures.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2255	Explain operating systems.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2256	Explain security.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	

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TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
IAWFAT	2257	Explain Mobile Devices.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFAT	2258	Explain Troubleshooting.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
TOTAL INFORMATION ASSURANCE WORK FORCE A+(IAWFA) STAGE										0	0	0	0	9	36.0				
INFORMATION ASSURANCE WORK FORCE NETWORK+(IAWFNT)																			
IAWFNT	2259	Explain Networking Concepts.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFNT	2260	Explain Network Installation and Configuration.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFNT	2261	Explain Network Media and Topologies.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFNT	2262	Explain Network Management.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFNT	2263	Explain Network Security.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
TOTAL INFORMATION ASSURANCE WORK FORCE NETWORK+(IAWFNT) STAGE										0	0	0	0	5	20.0				
INFORMATION ASSURANCE WORK FORCE SECURITY+(IAWFST)																			
IAWFST	2264	Explain Network Security.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFST	2265	Explain Operational Security.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFST	2266	Explain threats and vulnerabilities.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFST	2267	Explain cryptography.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFST	2268	Explain access control and identity management.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
IAWFST	2269	Explain application, data and host security.	B	E	L	-	-	-	*		0		0		4.0	-	-	-	
TOTAL INFORMATION ASSURANCE WORK FORCE SECURITY+(IAWFST) STAGE										0	0	0	0	6	24.0				
CONFIGURATION (CONFIG)																			
CONFIG	2300	Build a data base for the TAOM or MTAOM.	B, R	-	L	-	-	-	*		0		0		1.0	-	-	-	
CONFIG	2301	Verify voice communications are operational.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
CONFIG	2302	Restore system software for MTAOM, CTN, and JRE.	B, R	-	L	-	-	-	*		0		0		8.0	-	-	-	
CONFIG	2303	Perform data recovery management on a TDS system.	B, R	-	L	-	-	-	*		0		0		4.0	-	-	-	
CONFIG	2304	Perform logfile management on a TDS system.	B, R	-	L	-	-	-	*		0		0		4.0	-	-	-	

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CONFIG	2305	Perform account management on a TDS system.	B, R	-	L	-	-	-	*		0		0		4.0	-	-	-	
CONFIG	2306	Apply Software release updates for TDS system.	B, R	-	L	-	-	-	*		0		0		4.0	-	-	-	
CONFIG	2307	Update firmware within TDS systems.	B, R	-	L	-	-	-	*		0		0		6.0	-	-	-	
CONFIG	2308	Configure TDS network equipment.	B, R	-	L	-	-	-	*		0		0		8.0	-	-	-	
CONFIG	2309	Configure TDS circuit cards.	B, R	-	L	-	-	-	*		0		0		8.0	-	-	-	
TOTAL CONFIGURATION (CONFIG) STAGE										0	0.0	0	0.0	10	48.0				
DATA LINK COORDINATOR (DLC)																			
DLC	2320	State the purpose of Interface Coordination.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
DLC	2321	Know the types and purpose of data filters.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
DLC	2322	State the characteristics of and terms associated with Link 11.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
DLC	2323	State the characteristics of and terms associated with Link 11B.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
DLC	2324	State the characteristics of Link 16.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
DLC	2325	State the characteristics of Joint Range Extension Application Protocol (JREAP).	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
DLC	2326	Operate Link 11.	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	
DLC	2327	Operate Link 11B.	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	
DLC	2328	Operate Link 16.	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	
DLC	2329	Configure the Joint Range Extension-Gateway (JRE-GW).	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	
DLC	2330	Operate JREAP A.	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DLC	2331	Operate JREAP B.	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	
DLC	2332	Operate JREAP C.	B, R, M	-	L	-	-	-	730		0		0		2.0	-	-	-	
DLC	2333	Troubleshoot Link 11.	B	-	L	-	-	-	*		0		0		3.0	-	-	-	
DLC	2334	Troubleshoot Link 11B.	B	-	L	-	-	-	*		0		0		3.0	-	-	-	
DLC	2335	Troubleshoot Link 16.	B	-	L	-	-	-	*		0		0		3.0	-	-	-	
DLC	2336	Troubleshoot JREAP A.	B	-	L	-	-	-	*		0		0		3.0	-	-	-	
DLC	2337	Troubleshoot JREAP B.	B	-	L	-	-	-	*		0		0		3.0	-	-	-	
DLC	2338	Troubleshoot JREAP C.	B	-	L	-	-	-	*		0		0		3.0	-	-	-	
TOTAL DATA LINK COORDINATOR (DLC) STAGE										0	0	0	0	19	38.0				
EQUIPMENT (EQUIP)																			
EQUIP	2380	Conduct Maintenance on the AN/USQ-140(V)2 Multifunctional Information Distribution System (MIDS).	B	-	L	-	-	-	*		0		0		4.0	-	-	-	
EQUIP	2381	Identify the major components of the AN/USQ-140(V)2 Multifunctional Information Distribution System (MIDS).	B	-	L	-	-	-	*		0		0		4.0	-	-	-	
EQUIP	2424	Set-up the Mobile Tactical Air Operations Module (MTAOM).	B	-	L	-	-	-	*		0		0		6.0	-	-	-	
EQUIP	2425	Tear down the Mobile Tactical Air Operations Module (MTAOM).	B	-	L	-	-	-	*		0		0		6.0	-	-	-	
EQUIP	2426	Set-up the Composite Tracking Network (CTN).	B, R, M	-	L	-	-	-	730		0		0		6.0	-	-	-	
EQUIP	2427	Tear-down the Composite Tracking Network (CTN).	B, R, M	-	L	-	-	-	730		0		0		6.0	-	-	-	
TOTAL EQUIPMENT (EQUIP) STAGE										0	0.0	0	0.0	6	32.0				
MAINTENANCE MANAGEMENT (MMGT)																			
MMGT	2600	Ensure preparatory measures are taken for disposition of equipment.	B	-	L	-	-	-	*		0		0		3.0	2150	-	-	-
MMGT	2601	Create a Preventive Maintenance Checks and	B	-	L	-	-	-	*		0		0		1.0	2151	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
		Services (PMCS) schedule.																	
MMGT	2602	Reconcile Global Combat Supply System (GCSS) reports.	B, R	-	L	-	-	-	*		0		0		4.0	2159	-	-	-
MMGT	2603	Identify the SECREP management process.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
MMGT	2604	Define RA with regards to O&M funds.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
MMGT	2605	Define PE with regards to O&M funds.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
MMGT	2606	Induct new equipment into service.	B	-	L	-	-	-	*		0		0		2.0	2150, 2159, 2231, 2238	-	-	-
MMGT	2607	Phase out equipment.	B	-	L	-	-	-	*		0		0		2.0	2150	-	-	-
MMGT	2608	Inspect maintenance functional areas.	B, R	-	L	-	-	-	*		0		0		16.0	2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238	-	-	-
MMGT	2609	State the process to submit a Table of organization and equipment (TO&E) Change Request (TOECR).	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
MMGT	2610	Identify the Marine Corps Urgent Needs Process (MCUNP).	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
MMGT	2611	Conduct a Consolidated Memorandum Receipt (CMR) Review.	B	-	L	-	-	-	*		0		0		40.0	-	-	-	
MMGT	2612	Verify inventory control procedures are implemented.	B	-	L	-	-	-	*		0		0		1.5	2150, 2159	-	-	-
MMGT	2613	Identify the functions of maintenance management.	B	-	L	-	-	-	*		0		0		13.0	2602, 2603, 2609, 2611	-	-	-
MMGT	2614	Ensure equipment is inducted into maintenance cycle.	B	-	L	-	-	-	*		0		0		1.0	2159	-	-	-
TOTAL MAINTENANCE MANAGEMENT (MMGT) STAGE										0	0	0	0	15	93.5				
OPERATIONAL MANAGEMENT (OMGT)																			
OMGT	2680	Identify the purpose of communication planning documents.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
OMGT	2681	Determine required equipment to support a mission.	B, R, M	-	L	-	-	-	365		0		0		2.0	-	-	-	
OMGT	2682	Conduct communications portion of a site survey.	B, R, M	-	L	-	-	-	1460		0		0		4.0	-	-	-	
OMGT	2683	Identify crew requirements and write a crew schedule.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
OMGT	2684	Determine supply support requirements.	B	-	L	-	-	-	*		0		0		3.0	2691	-	-	
OMGT	2685	Develop an embarkation plan.	B	-	L	-	-	-	*		0		0		1.0	2687	-	-	
OMGT	2686	Write a packing list.	B, R, M	-	L	-	-	-	1460		0		0		8.0	-	-	-	
OMGT	2687	Write an Equipment Density List (EDL).	B	-	L	-	-	-	*		0		0		8.0	-	-	-	
OMGT	2688	Identify power requirements.	B, R, M	-	L	-	-	-	365		0		0		4.0	-	-	-	
OMGT	2689	Identify spectrum management procedures.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
OMGT	2690	Fill out a Logistics Support Request (LSR).	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
OMGT	2691	Submit a Bill of Material (BOM) request.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
OMGT	2692	Describe common agency doctrinal nets.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	
OMGT	2693	Identify communication service request procedures.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	
OMGT	2694	Draw a site diagram for the TAOC.	B, R	-	L	-	-	-	*		0		0		2.0	-	-	-	
TOTAL OPERATIONAL MANAGEMENT (OMGT) STAGE										0	0	0	0	15	43.0				
TOTAL CORE SKILL PHASE (2000 PHASE)										0	0.0	0	0.0	92	241.0				
MISSION SKILL TRAINING (3000 PHASE EVENTS)																			
INFORMATION ASSURANCE WORK FORCE A+(IAWFAT) STAGE																			
IAWFAT	3280	Explain concepts included in A+ exam 220-801.	B,R,M	E	L	-	-	-	1095		0		0		4.0	2250, 2251, 2252, 2253, 2254	-	-	-
IAWFAT	3281	Explain concepts included in A+ exam 220-802.	B,R,M	E	L	-	-	-	1095		0		0		4.0	2255, 2256, 2257, 2258	-	-	-
TOTAL INFORMATION ASSURANCE WORK FORCE A+(IAWFAT) STAGE										0	0	0	0	2	8.0				

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
INFORMATION ASSURANCE WORK FORCE NETWORK+(IAWFNT) STAGE																			
IAWFNT	3282	Explain concepts included in Network+ exam N10-005.	B,R,M	E	L	-	-	-	1095		0		0		4.0	2259, 2260, 2261, 2262, 2263	-	-	-
TOTAL INFORMATION ASSURANCE WORK FORCE NETWORK+(IAWFNT) STAGE										0	0	0	0	1	4.0				
INFORMATION ASSURANCE WORK FORCE SECURITY+(IAWFST) STAGE																			
IAWFST	3283	Explain concepts included in Security + exam SY0-301.	B,R,M	E	L	-	-	-	1095		0		0		4.0	2264, 2265, 2266, 2267, 2268, 2269	-	-	-
TOTAL INFORMATION ASSURANCE WORK FORCE SECURITY+(IAWFST) STAGE										0	0	0	0	1	4.0				
EQUIPMENT (EQUIP)																			
EQUIP	3465	Perform maintenance within the MTAOM.	B	-	L	-	-	-	*		0		0		6.0	-	-	-	-
EQUIP	3466	Perform maintenance within the CTN.	B	-	L	-	-	-	*		0		0		6.0	-	-	-	-
EQUIP	3467	Perform maintenance within the TAOC system.	B,R,M	-	L	-	-	-	1095		0		0		6.0	-	-	-	-
EQUIP	3468	Review system troubleshooting on the TDS equipment within the TAOC.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
EQUIP	3469	Verify system configuration of tactical data systems within the TAOC.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
TOTAL EQUIPMENT (EQUIP) STAGE										0	0	0	0	5	22.0				
MAINTENANCE MANAGEMENT (MMGT)																			
MMGT	3660	Ensure the corrective maintenance repair process is being conducted.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
MMGT	3661	Validate SECREP assets.	B,R,M	-	L	-	-	-	1095		0		0		2.0	-	-	-	-
MMGT	3662	Assess maintenance funding requirements.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
TOTAL MAINTENANCE MANAGEMENT (MMGT) STAGE										0	0	0	0	3	6.0				
OPERATIONAL MANAGEMENT (OMGT)																			
OMGT	3710	Provide input to the operational plan.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	-
OMGT	3711	Organize and assign crews for deployment.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
OMGT	3712	Verify communications with external agencies.	B	-	L	-	-	-	*		0		0		1.0	-	-	-	-



TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
OMGT	3713	Deploy a communications system ISO operations.	B,R,M	-	L	-	-	-	1095		0		0		8.0	-	-	-	
OMGT	3714	Deploy a maintenance capability.	B	-	L	-	-	-	*		0		0		8.0	-	-	-	
OMGT	3715	Prepare system for embark.	B	-	L	-	-	-	*		0		0		8.0	-	-	-	
TOTAL OPERATIONAL MANAGEMENT (OMGT) STAGE										0	0	0	0	6	28.0				
MARINE AIR CONTROL GROUP (MACG)																			
MACG	3750	Identify TACC Communications information exchange requirements.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	
MACG	3751	Identify TAOC and EW/C communications information exchange requirements.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	
MACG	3752	Identify DASC communications information exchange requirements.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	
MACG	3753	Identify UAS Communications information exchange requirements.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	
MACG	3754	Identify LAAD Communications information exchange requirements.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	
MACG	3755	Identify MATC communications information exchange requirements.	B,R,M	-	L	-	-	-	1095		0		0		1.0	-	-	-	
MACG	3756	Draw a Communications Diagram for the agencies within the MACG.	B, R, M	-	L	-	-	-	1095		0		0		2.0	3750, 3751, 3752, 3753, 3754, 3755	-	-	-
TOTAL MARINE AIR CONTROL GROUP (MACG) STAGE										0	0	0	0	7	8.0				
TOTAL MISSION SKILL PHASE (3000 PHASE)										0	0.0	0	0.0	25	80.0				
TOTAL MISSION PLUS SKILL PHASE (4000 PHASE)										0	0.0	0	0.0	0	0.0				
TOTAL 2000, 3000, AND 4000 PHASE										0	0.0	0	0.0	117	321.0				
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																			
INSTRUCTOR UNDER TRAINING (IUT)																			
BASIC INSTRUCTOR (BI)																			
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*		0		0		2.0	Recommended by SI or WTI	-	-	-
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*		0		0		1.0	Recommended by SI or WTI	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*		0		0		2.0	Recommended by SI or WTI	-	-	-
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5.0				
SENIOR INSTRUCTOR (SI)																			
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365		0		0		2.0	5000, 5010, 5020, 6320	-	-	-
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8.0				
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	7	13.0				
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																			
QUALIFICATIONS (QUAL)																			
QUAL	6106	Qualification as an Tactical Data Systems Basic Technician (TDSBT).	B	-	L	-	-	-	*		0		0		0.5	2150, 2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2195, 2230, 2300, 2301, 2320, 2322, 2323, 2324, 2325, 2381, 2424, 2425, 2426, 2427, 2692, 3465, 3466, 3712, 3715, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6107	Qualification as an Tactical Data Systems Advanced Technician (TDSAT).	B	-	L	-	-	-	*		0		0		0.5	2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 6106, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-	-
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	2	1.0				
CERTIFICATION (CERT)																			
CERT	6200	Certification as a COMPTIA A+ Technician.	B	-	L	-	-	-	*		0		0		4	2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 3280, 3281	-	3280, 3281	-
CERT	6201	Certification as a COMPTIA Network+ Technician.	B	-	L	-	-	-	*		0		0		4	2259, 2260, 2261, 2262, 2263, 3282	-	3282	-
CERT	6202	Certification as a COMPTIA Security+ Technician.	B	-	L	-	-	-	*		0		0		4	2264, 2265, 2266, 2267, 2268, 2269, 3283	-	3283	-
TOTAL CERTIFICATION STAGE (CERT)										0	0	0	0	3	12.0				
DESIGNATIONS (DESG)																			

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6308	Designation as a Tactical Data Systems Crew Chief (TDSCC).	B	-	L	-	-	-	*		0		0		1.0	2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2425, 2426, 2427, 2601, 2602, 2603, 2606, 2607, 2612, 2614, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 3465, 3466, 3467, 3468, 3469, 3660, 3661, 3710, 3711, 3712, 3713, 3715, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6309	Designation as a Tactical Data Systems Maintenance Chief (TDSMC).	B	-	L	-	-	-	*		0		0		1.0	2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2425, 2426, 2427, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 3465, 3466, 3467, 3468, 3469, 3660, 3661, 3662, 3710, 3711, 3712, 3713, 3714, 3715, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6320	Designation as a Basic Instructor (BI).	B	-	L	-	-	-	*		0		0		1.0	2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2195, 2230, 2300, 2301, 2320, 2322, 2323, 2324, 2325, 2381, 2424, 2425, 2426, 2427, 2692, 3465, 3466, 3712, 3715, 5000, 5010, 5020, 6106, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
DESG	6321	Designation as a Senior Instructor (SI).	B	-	L	-	-	-	*		0		0		1.0	2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-	-
DESG	6340	Designation as a Maintenance Safety NCO.	B	-	L	-	-	-	*		0		0		1.0	2230, 2235, 2236	-	-	-
DESG	6341	Designation as a	B	-	L	-	-	-	*		0		0		1.0	2230, 2235, 2236	-	-	-

TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
		Maintenance HAZMAT NCO.																	
DESG	6342	Designation as a Maintenance Publications NCO.	B	-	L	-	-	-	*		0		0		1.0	2230, 2234	-	-	-
DESG	6343	Designation as a Maintenance Tools NCO.	B	-	L	-	-	-	*		0		0		1.0	2230, 2233	-	-	-
DESG	6344	Designation as a Maintenance Calibrations NCO.	B	-	L	-	-	-	*		0		0		1.0	2230, 2231	-	-	-
DESG	6345	Designation as a Maintenance Modifications NCO.	B	-	L	-	-	-	*		0		0		1.0	2230, 2232, 2234	-	-	-
DESG	6346	Designation as a Maintenance Embarkation NCO.	B	-	L	-	-	-	*		0		0		1.0	2230, 2237	-	-	-
DESG	6347	Designation as a Marine Corps Integrated Maintenance Management System (MIMMS) NCO.	B	-	L	-	-	-	*		0		0		1.0	2159, 2230, 2602	-	-	-
DESG	6348	Designation as a Maintenance Training NCO.	B	-	L	-	-	-	*		0		0		1.0	2230	-	-	-

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TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6352	Designation as a Maintenance Quality Control (QC) NCO.	B	-	L	-	-	-	*		0		0		1.0	2150, 2151, 2153, 2155, 2156, 2157, 2158, 2159, 2171, 2172, 2173, 2175, 2177, 2178, 2190, 2191, 2193, 2194, 2195, 2210, 2211, 2212, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2242, 2243, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2380, 2381, 2424, 2425, 2426, 2427, 2606, 2614, 2687, 2688, 2690, 2692, 3465, 3466, 3467, 3660, 3712, 3715, 6107, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028	-	-	-
TOTAL DESIGNATIONS (DESG) STAGE										0	0	0	0	14	14.0				
SCHOOL CODES (SCHL)																			
SCHL	6013	Systems Administrator	B	-	G	-	-	L	*		0		0		0.0	-	-	-	
SCHL	6014	Network Administrator	B	-	G	-	-	L	*		0		0		0.0	-	-	-	
SCHL	6020	Link 16 Basics Course (JT-100)	B	-	G	-	-	L	*		0		0		0.0	-	-	-	
SCHL	6021	Intro to Multi TDL Network (JT-101)	B	-	G	-	-	L	*		0		0		0.0	-	-	-	
SCHL	6022	Multi-TDL Advanced Joint Interoperability Course (MAJIC) (JT-102)	B	-	G	-	-	L	*		0		0		0.0	-	-	-	
SCHL	6023	Link 16 Joint Interoperability Course (US-109)	B	-	G	-	-	L	*		0		0		0.0	-	-	-	
SCHL	6024	Multi TDL Planner Course	B	-	G	-	-	L	*		0		0		0.0	-	-	-	



TAOC MOS 5979 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
		(JT-201)																	
SCHL	6025	Link 16 Unit Manager (LUM) Course (JT-220)	B	-	G	-	-	L	*		0		0		0.0	-	-	-	-
SCHL	6026	Link 16 Basics Course (JT-100)	B	-	G	-	-	L	*		0		0		0.0	-	-	-	-
SCHL	6030	MATC Work Center Supervisors Course	B	-	G	-	-	L	*		0		0		0.0	-	-	-	-
SCHL	6031	MATC Maintenance Managers Course	B	-	G	-	-	L	*		0		0		0.0	-	-	-	-
SCHL	6073	Micro miniature Electronic Repair	B	-	G	-	-	L	*		0		0		0.0	-	-	-	-
SCHL	6079	JRE-GW Operators' Course	B	-	G	-	-	L	*		0		0		0.0	-	-	-	-
TOTAL SCHOOL CODES STAGE (SCHL)										13	0	0	0	0	0.0				
TOTAL REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS SKILLS PHASE (RCQD)										13	0.0	0	0.0	19	27.0				

8.19 ADDITIONAL MATRICES. None

8.20 ADDITIONAL CHAINING FOR 5000 AND 6000 PHASE EVENTS. None

8.21 AVIATION TRAINING FORMS (ATF). A syllabus evaluation form is required for any initial or subsequent event training. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website,  
<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/newc3/default.aspx>

8.22 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). None

CHAPTER 9

AIR COMMAND AND CONTROL OFFICER MOS 7202  
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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THIS CHAPTER RESERVED FOR FUTURE USE

CHAPTER 10

TACTICAL AIR DEFENSE CONTROL OFFICER (MOS 7210)/INDIVIDUAL TRAINING AND READINESS  
REQUIREMENTS

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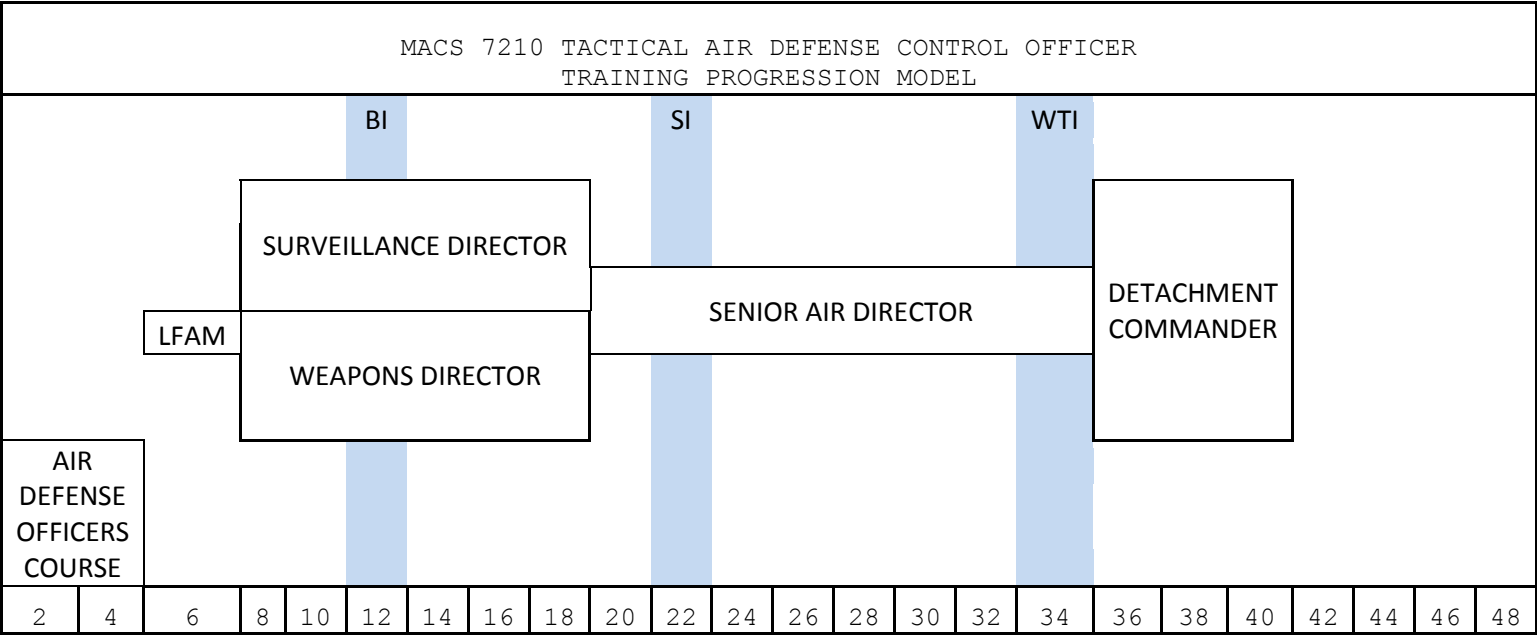
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CHAPTER 10

AIR DEFENSE OFFICER (MOS 7210)/INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

10.0 TACTICAL AIR DEFENSE CONTROL OFFICER/7210 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

10.1 7210 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Air Defense Officer crewmember. Units should use the model as a point of departure to generate individual training plans.



10.2 ABBREVIATIONS

TAOC MOS 7210	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
ACAD	ACADEMICS
LFAM	LOCAL FAMILIARIZATION
SD	SURVEILLANCE DIRECTOR
AFAM	AIR CONTROL FAMILIARIZATION
WD	WEAPONS DIRECTOR
SAD	SENIOR AIR DIRECTOR
DETCO	DETACHMENT COMMANDER
C2SYS	COMMAND AND CONTROL SYSTEMS
MISSION SKILL (3000 Phase)	
ACAD	ACADEMICS
SD	SURVEILLANCE DIRECTOR
WD	WEAPONS DIRECTOR
SAD	SENIOR AIR DIRECTOR
DETCO	DETACHMENT COMMANDER
CORE PLUS SKILL (4000 Phase)	
ACAD	ACADEMICS

TAOC MOS 7210	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
SAD	SENIOR AIR DIRECTOR
DETCO	DETACHMENT COMMANDER
C2SYS	COMMAND AND CONTROL SYSTEMS
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
SD	SURVEILLANCE DIRECTOR
WD	WEAPONS DIRECTOR
SAD	SENIOR AIR DIRECTOR
DETCO	DETACHMENT COMMANDER
MISSION ESSENTIAL TASK (MET) (7000 Phase)	
COND	CONDITION

### 10.3 DEFINITIONS

TERM	DEFINITION
<b>Core Model</b>	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core Model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
<b>Core Skill</b>	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
<b>Mission Skill</b>	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
<b>Core Plus Skill</b>	Training events that can be theater specific or that have a low likelihood of occurrence. They may be fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
<b>Core Plus Mission</b>	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
<b>Core Skill Proficiency (CSP)</b>	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
<b>Mission Skill Proficiency (MSP)</b>	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
<b>Core Plus Skill Proficiency (CPSP)</b>	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP.
<b>Core Plus Mission Proficiency (CPMP)</b>	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP.
<b>MET Phase</b>	This Phase represents community specific unit METs. It combines CMMR crew proficient Marines, Combat Leaders, and designated non-aviation PMOS Marines into combat capable teams.

### 10.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

10.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

10.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.



10.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

10.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

**\*Note\***

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

10.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

**\*Note\***

See Chapter 2 for amplifying information on POI updating.

TAOC MOS 7210					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
CORE SKILL (2000 Phase)					
ACAD	2000				
ACAD	2002				
ACAD	2004				
ACAD	2006				
ACAD	2008				
ACAD	2010				
ACAD	2012				
ACAD	2014				
ACAD	2016				
ACAD	2018				
ACAD	2020				
ACAD	2022				
ACAD	2024				
ACAD	2026				
ACAD	2028				
ACAD	2030				
ACAD	2034				
ACAD	2036				
ACAD	2038				
ACAD 1	2050				
ACAD 1	2052				
ACAD 1	2054				
ACAD 1	2056				
ACAD 1	2058				
ACAD 1	2060				
ACAD 1	2062				
ACAD 1	2064				
ACAD 1	2066				

TAOC MOS 7210					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
ACAD 2	2100				
ACAD 2	2102				
ACAD 2	2104				
ACAD 2	2106				
ACAD 2	2108				
ACAD 2	2110				
ACAD 2	2112				
ACAD 2	2116				
ACAD 2	2118				
ACAD 2	2120				
ACAD 2	2122				
ACAD 2	2124				
ACAD 2	2126				
ACAD 2	2128				
ACAD 2	2130				
ACAD 2	2132				
ACAD 2	2134				
ACAD 2	2136				
LFAM	2150R	LFAM	2150R	LFAM	2150R
SD	2300R	SD	2300R		
SD	2302R	SD	2302R	SD	2302R
SD	2304				
SD	2306R	SD	2306R		
SD	S2308				
SD	S2310				
AFAM	S2500				
AFAM	S2502R	AFAM	S2502R		
AFAM	S2504R	AFAM	S2504R		
AFAM	S2564				
AFAM	S2566				
WD	S2600R	WD	S2600R		
WD	2602R	WD	2602R		
WD	2604				
WD	2606				
SAD	2700R	SAD	2700R		
SAD	2702R	SAD	2702R		
SAD	S2704				
SAD	S2706				
SAD	S2708				
DETCO	2800				
C2SYS	2910				
C2SYS	2940				
C2SYS	2941				
C2SYS	2943				
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ACAD	3000	ACAD	3000	ACAD	3000
SD	3300	SD	3300	SD	3300
SD	3302	SD	3302	SD	3302
WD	3600	WD	3600	WD	3600
WD	3602	WD	3602		
WD	3604				
WD	3606				
WD	3608	WD	3608		
WD	3610	WD	3610	WD	3610
SAD	3700				
SAD	3702				
SAD	3704	SAD	3704	SAD	3704

TAOC MOS 7210					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
DETCO	3800				
DETCO	3802	DETCO	3802	DETCO	3802
DETCO	3804				
DETCO	3806				
CORE PLUS SKILL (4000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ACAD	4000				
SAD	4700				
SAD	4702				
DETCO	4800				
C2SYS	4921				
C2SYS	4942				
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

10.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

#### 10.5.1 INSTRUCTOR DESIGNATIONS

TAOC MOS 7210 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5110, 5120, 5130
WEAPONS AND TACTICS INSTRUCTOR (WTI)	6000

#### 10.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

TAOC MOS 7210 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
Certified in Local Area Fam (CERT 6175)	2150
Qualify as Surveillance Director (SD) (QUAL 6275)	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2940, 2941, 2943, 3000, 3300, 3302, 6175, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044
Qualify as Weapons Director (WD) (QUAL 6276)	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2910, 2940, 2941, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067
Qualify as a Senior Air Director (SAD) (QUAL 6277)	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2704, 2706, 2708, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 3700, 3702, 3704, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

TAOC MOS 7210 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
Designation as a Detachment Commander (DETCO) (DESG 6330)	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2704, 2706, 2708, 2800, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 3700, 3702, 3704, 3800, 3802, 3804, 3806, 6175, 6275, 6276, 6277, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

10.6 7210 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

10.6.1 Basic POI

TAOC MOS 7210 BASIC POI		
WEEKS <sup>1</sup>	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
0-12	CORE SKILL INTRODUCTION TRAINING	MCCES
13-104	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON

10.6.2 Refresher POI

TAOC MOS 7210 REFRESHER POI		
WEEKS <sup>1</sup>	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATION VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

10.7 SYLLABUS NOTES

10.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be unaided
(N*)	May be conducted during hours of darkness - If conducted during hours of darkness must be unaided
(N)	May be conducted during darkness - If conducted during hours of darkness; may be aided or unaided
NS	Shall be conducted during hours of darkness - Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness - If conducted during hours of darkness; must be with Night Vision Devices
Note - If the event is to be conducted in the simulator, the Instructor shall ensure the proper environmental conditions for the event.	

10.7.2 Device Matrix

DEVICE
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Symbol	Meaning
<b>L</b>	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
<b>L/S</b>	Event performed live preferred/simulator optional.
<b>S/L</b>	Event performed in simulator preferred/live optional.
<b>G</b>	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
<b>CBT</b>	Computer Based Training
<b>LAB</b>	Laboratory
<b>LEC</b>	Lecture
<b>CP</b>	Command Post
<b>TEN</b>	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
<b>TEN+</b>	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note - If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

### 10.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	<b>B</b>	Initial MOS Training
Refresher	<b>R</b>	Return to community from non (MOS/Skill) associated tour
Maintain	<b>M</b>	All individuals who have attained CSP/MSP/CP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

### 10.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

## 10.8 ACADEMIC PHASE (0000)

### 10.8.1 Purpose. RESERVED FOR FUTURE USE

### 10.8.2 General

#### 10.8.2.1 Admin Notes.

#### 10.8.2.2 Prerequisites.

10.8.2.3 Stages.

10.9 CORE SKILL INTRODUCTION PHASE (1000)

10.9 CORE SKILL INTRODUCTION TRAINING (1000)

10.9.1 Purpose. To provide entry-level instruction to develop the basic skills necessary for an officer to work in the TAOC and EW/C. This training includes TAOC operations within the Marine Air Command and Control System (MACCS) and employment of Command and Control (C2) systems. Emphasis is placed on duties as a Surveillance Director (SD) and Weapons Director (WD). Upon graduation from the Air Defense Control Officer Course (ADCOC), the Marine is designated MOS 7210.

10.9.2 General

10.9.2.1 Admin Notes. Air Defense Control Officer's Course (ADCOC - CID M0972M1) located at Marine Corps Communication-Electronics School (MCCES) in 29 Palms, CA.

10.9.2.2 Prerequisite. Meet the requirements delineated in the MCO 1200.17 (MOS Manual).

10.9.2.3 Stages. The following stages are included in the Core Skill Introduction Phase.

PAR NO.	STAGE NAME
10.9.3	AIR SCHOOL (AIRS)

10.9.3 AIR SCHOOL (AIRS)

10.3.1 Purpose. To teach the Marine in the required skills to perform as a basic Air Defense Control Officer, MOS 7210.

10.9.3.2 General.

Admin Notes. All tests will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed for an event.

Prerequisites. None.

AIRS-1000                      \*                      B    E    G

Goal. Explain the fundamentals of Aviation Command and Control (Air C2) employment

Requirement. Given a scenario-based Tactical Decision Game (TDG), required documents, and references perform the following:

1. Discuss planning considerations for Marine Air Command and Control System (MACCS) establishment and employment in support of the MAGTF mission.
2. Discuss how the Marine Corps implements its aviation command and control philosophy via the MACCS.
3. Discuss the role of each MACCS agency and how each supports the six functions of Marine aviation.

4. Discuss MACCS communication planning requirements.
5. Discuss the major end items provided by each MACCS agency.
6. Present a MACCS employment plan.

Performance Standard. Complete all the requirement items IAW the references. Instructor will discuss each item with the trainee. The presented plan must support the scenario.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25, Control of Aircraft and Missiles
2. MCWP 3-25.3, MACCS Handbook
3. MCWP 3-22, Anti-Air Warfare
4. MCWP 3-23, Offensive Air Support
5. MCWP 3-24, Assault Support
6. MCWP 3-25.4, TACC Handbook
7. MCWP 3-25.5, DASC Handbook
8. MCWP 3-25.7, TAOC Handbook
9. MCWP 3-25.8, MATCD Handbook
10. MCWP 3-25.10, LAAD Handbook
11. MCWP 3-26, Air Reconnaissance
12. MCWP 3-40.5, Electronic Warfare
13. MCWP 3-42.1, Unmanned Aerial Vehicle Operations

AIRS-1200                      \*                      B                                      E                                      G

Goal. Identify characteristics of the Marine Air Command and Control System (MACCS)

Requirement. Identify the following:

1. Identify the six functions of Marine Aviation.
2. Identify characteristics of organizations in the Marine Air Wing (MAW).
3. Identify characteristics of units in the Marine Air Control Group (MACG).
4. Identify characteristics of agencies in the Marine Air Command and Control System (MACCS).
5. Identify characteristics of U.S. ground-based air defense platforms.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-2, Aviation Operations
2. MCWP 3-22, Antiair Warfare
3. MCWP 3-25, Control of Aircraft and Missiles
4. MCWP 3-25.10, Low Altitude Air Defense Handbook
5. MCWP 3-25.3, Marine Air Command and Control System Handbook
6. MCWP 3-25.4, Tactical Air Command Center Handbook
7. MCWP 3-25.5, Direct Air Support Center Handbook
8. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
9. MCWP 3-25.8, Marine Air Traffic Control Detachment Handbook

AIRS-1202                      \*                      B                      E                      G

Goal. Identify characteristics of the Marine Air Control Squadron (MACS)

Requirement. Identify the following:

1. Identify characteristics of the Marine Air Control Squadron (MACS).
2. Identify characteristics of the TAOC cellular framework.
3. Identify characteristics of agencies in the Theater Air Ground System (TAGS).
4. Identify characteristics of Integrated Air Defense Systems (IADS).
5. Identify characteristics of U.S. ground-based air defense platforms.
6. Identify characteristics of threat air defense systems.
7. Identify characteristics of the Aviation T&R program in the TAOC.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25D, Multiservice Procedures for Integrated Combat Airspace Command and Control
2. MCRP 3-25E, Multiservice Procedures for Joint Integrated Air Defense System
3. MCWP 3-2, Aviation Operations
4. MCWP 3-22, Antiair Warfare
5. MCWP 3-25, Control of Aircraft and Missiles
6. MCWP 3-25.3, Marine Air Command and Control System Handbook
7. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
8. TM 08565A-CD-1, TAOM System Manual
9. U-TAOC-PCL-03862, Pocket Checklist



AIRS-1204                    \*            B                    E                    G

Goal.    Identify characteristics of Aircraft

Requirement.    Identify the following:

1.    Identify characteristics of U.S. Aircraft
2.    Identify characteristics of U.S. aviation ordnance.
3.    Identify characteristics of threat aircraft.

Performance Standard.    Pass an exam.

Instructor.    FLC Instructor

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1.    MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
2.    TOPGUN MANUAL, Volumes I and II

AIRS-1206                    \*            B                    E                    C2 System    G

Goal.    Configure Tactical Air Operations Center (TAOC) platforms for operations

Requirement.    Given required TAOC equipment and materials, complete the following:

1.    Identify the proper procedures for handling classified material.
2.    Identify characteristics of TAOC equipment.
3.    Initialize a workstation.
4.    Set TAOC operational parameters from source documents.
5.    Enter map/overlay information from source documents.
6.    Enter RADAR information.
7.    Operate recording equipment.
8.    Conduct planning for TAOC employment

Performance Standard.    Pass an exam.

Instructor.    FLC Instructor

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. FM 21-26, Map Reading and Land Navigation
2. MCRP 5-12A, Operational Terms and Symbols
3. TM 08565A-CD-1, TAOM System Manual
4. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1208                   \*           B                                   E           C2 System   G

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Goal.   Operate TAOC voice communications equipment

Requirement.   Given an operational C2 System and required materials, complete the following:

1. Operate internal communications using source documents (ACEOI).
2. Setup a workstation for radio communications with a distant station.
3. Communicate via voice with a distant station.

Performance Standard.   Pass an exam.

Instructor.   FLC Instructor

Prerequisite.   None.

Ordinance.   None.

Range.   None.

External Syllabus Support.   None.

Reference.

1. TM 08565A-CD-1, TAOM System Manual
2. U-TAOC-PCL-03862, Pocket Checklist
3. MCRP 3-40.3C, Antenna Handbook

AIRS-1210                   \*           B                                   E           C4I Systems   G

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Goal.   Operate Command, Control, Communications, Computer and Intelligence (C4I) systems

Requirement.   Given required C4I systems, operate the following:

1. Generate TBMCS information through web remote.
2. Operate Chat.
3. Operate Falconview.

Performance Standard.   Pass an exam.

Instructor.   FLC Instructor

Prerequisite.   None.

Ordinance.   None.

Range.   None.

External Syllabus Support.   None.

Reference.

1. CCS-TRTBM-A017-AATSU, Theater Battle Management Core System, Vol I
2. CCS-TRTBM-A017-COP-1, Theater Battle Management Core System, Vol II

AIRS-1212                      \*                      B                      E                      C2 System                      G

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Goal.    Perform surveillance functions

Requirement.    Given an operational C2 System, complete the following:

1. Identify characteristics of the TAOC Surveillance section.
2. Identify TAOC RADAR capabilities.
3. Identify characteristics of documents required for surveillance functions.
4. Identify key elements of the ATO/SPINS for TAOC operations.
5. Identify characteristics of airspace.
6. Identify doctrinal nets used by the Surveillance section.
7. Setup a work station for surveillance operations.
8. Classify track data using source documents.
9. Maintain accurate symbology.
10. Perform manual cross-tell.
11. Complete surveillance reports.
12. Identify characteristics of sensor and data registration.
13. Plan a multi-TDL architecture plan (7210 only).
14. Perform Electronic Warfare (EW) functions (7210 only).
15. Conduct mission planning for surveillance operations (7210 only).
16. Conduct a surveillance brief (7210 only).

Performance Standard.    Pass an exam.

Instructor.    FLC Instructor

Prerequisite.    None.

Ordnance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. JP 1-02, DOD Dictionary of Military and Associated Terms
2. JP 3-30, Command and Control of Joint Air Operations
3. JP 3-52, Joint Doctrine for Airspace Control
4. JP 3-56.1, Command and Control of Joint Air Operations
5. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
6. MCRP 3-25B, Multiservice Air-Air, Air-Surface, Surface-Air, Brevity Codes
7. MCRP 3-25D, Multiservice Procedures for Integrated Combat Airspace Command and Control
8. MCRP 3-25E, Multiservice Procedures for Joint Integrated Air Defense System
9. MCWP 3-2, Aviation Operations
10. MCWP 3-22, Antiair Warfare
11. MCWP 3-25, Control of Aircraft and Missiles

12. MCWP 3-25.10, Low Altitude Air Defense Handbook
13. MCWP 3-25.3, Marine Air Command and Control System Handbook
14. MCWP 3-25.4, Tactical Air Command Center Handbook
15. MCWP 3-25.5, Direct Air Support Center Handbook
16. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
17. TM 08565A-CD-1, TAOM System Manual
18. TOPGUN MANUAL, Volumes I and II
19. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1214                      \*                      B                      E                      C2 System                      G

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Goal.    Operate Link 11

Requirement.    Given a C2 System and required materials, complete the following:

1.    Extract Link 11 information from source documents.
2.    Identify characteristics of Link 11.
3.    Configure Link 11 hardware for operations.
4.    Setup a workstation for Link 11 operations.
5.    Exchange Link 11 messages.
6.    Send/receive digital orders.

Performance Standard.    Pass an exam.

Instructor.    FLC Instructor

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1.    CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2.    TM 08565A-CD-1, TAOM System Manual
3.    U-TAOC-PCL-03862, Pocket Checklist
4.    Understanding Link 11 Guidebook

AIRS-1216                      \*                      B                      E                      MTAOM G

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Goal.    Operate Link 16

Requirement.    Given a MTAOM and required materials, complete the following:

1.    Extract Link 16 information from the reference documents.
2.    Identify characteristics of Link 16.
3.    Setup a work station for Link 16 operations.
4.    Configure Link 16 hardware.
5.    Exchange Link 16 messages.
6.    Send/receive text messages.
7.    Operate JTIDS Voice.
8.    Send/receive digital orders.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. TM 08565A-CD-1, TAOM System Manual
3. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1218                   \*           B                                   E           JRE Gateway G

Goal. Operate a Beyond Line of Site (BLOS) gateway

Requirement. Given a TAOM and required materials, complete the following:

1. Extract JREAP information from the reference documents.
2. Identify characteristics of JREAP.
3. Configure a BLOS gateway for JREAP.
4. Operate JREAP-A.
5. Operate JREAP-B.
6. Operate JREAP-C.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. TM 08565A-CD-1, TAOM System Manual
3. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1220                   \*           B                                   E           C2 System G

Goal. Establish a workstation for Traffic functions

Requirement. Given a C2 System and required materials, complete the following:

1. Identify characteristics of the Weapons Section.
2. Setup a workstation for traffic operations.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 1-02, DOD Dictionary of Military and Associated Terms
2. JP 3-30, Command and Control of Joint Air Operations
3. JP 3-52, Joint Doctrine for Airspace Control
4. JP 3-56.1, Command and Control of Joint Air Operations
5. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
6. MCRP 3-25B, Multiservice Air-Air, Air-Surface, Surface-Air, Brevity Codes
7. MCRP 3-25D, Multiservice Procedures for Integrated Combat Airspace Command and Control
8. MCRP 3-25E, Multiservice Procedures for Joint Integrated Air Defense System
9. MCWP 3-2, Aviation Operations
10. MCWP 3-22, Antiair Warfare
11. MCWP 3-25, Control of Aircraft and Missiles
12. MCWP 3-25.10, Low Altitude Air Defense Handbook
13. MCWP 3-25.3, Marine Air Command and Control System Handbook
14. MCWP 3-25.4, Tactical Air Command Center Handbook
15. MCWP 3-25.5, Direct Air Support Center Handbook
16. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
17. TM 08565A-CD-1, TAOM System Manual
18. TOPGUN MANUAL, Volumes I and II
19. U-TAOC-PCL-03862, Pocket Checklist

AIRES-1222                      \*                      B    E                      C2 System                      G

Goal. Perform Airspace Management functions

Requirement. Given a C2 system and required materials, complete the following:

1. Setup a workstation for traffic operations.
2. Perform TATC procedures.
3. Perform emergency procedures.
4. Perform traffic deconfliction.
5. Communicate required information to aircrews.
6. Communicate required information to higher/adjacent agencies.
7. Control aerial refueling operations.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 1-02, DOD Dictionary of Military and Associated Terms
2. JP 3-30, Command and Control of Joint Air Operations
3. JP 3-52, Joint Doctrine for Airspace Control in a Combat Zone
4. JP 3-56.1, Command and Control of Joint Air Operations
5. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
6. MCRP 3-25B, Multi-Service Air-Air, Air-Surface, Surface-Air, Brevity Codes
7. MCRP 3-25D, Multiservice Procedures for Integrated Combat Airspace Command and Control
8. MCRP 3-25E, Multiservice Procedures for Joint Integrated Air Defense System
9. MCWP 3-2, Aviation Operations
10. MCWP 3-22, Antiair Warfare
11. MCWP 3-25, Control of Aircraft and Missiles
12. MCWP 3-25.10, Low Altitude Air Defense Handbook
13. MCWP 3-25.3, Marine Air Command and Control System Handbook
14. MCWP 3-25.4, Tactical Air Command Center Handbook
15. MCWP 3-25.5, Direct Air Support Center Handbook
16. MCWP 3-25.7, Tactical Air Operations Center Handbook
17. TM 08565A-CD-1, TAOM System Manual
18. TOPGUN MANUAL, Volumes I and II
19. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1224                      \*                      B                                      E                      C2 System                      G

Goal. Perform Deep Air Operations Management functions

Requirement. Given a C2 system and required materials, complete the following:

1. Develop DAS aircraft handover procedures.
2. Identify available DAS aircraft assets.
3. Coordinate with Deep Battle Cell for updated targets and Battle Damage Assessment (BDA).

Performance Standard. Pass an exam.

Instructor. FLC instructor

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
2. MCWP 3-25.5, Direct Air Support Center (DASC) Handbook
3. MCRP 3-16.8\_, J-FIRE

AIRS-1226                      \*                      B                      C2 System                      G

Goal. Perform Air Defense Weapons Control Management functions

Requirement. Given a C2 system and required materials, complete the following:

1. Identify characteristics of the TAOC weapons section.
2. Identify characteristics of AAW missions.
3. Identify characteristics of U.S. ground and surface based air defense platforms.
4. Perform intercept control with a simulated section of fighter aircraft.
5. Perform missile control with simulated ground and surface based missile system assets.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 1-02, DOD Dictionary of Military and Associated Terms
2. JP 3-30, Command and Control of Joint Air Operations
3. JP 3-52, Joint Doctrine for Airspace Control in a Combat Zone
4. JP 3-56.1, Command and Control of Joint Air Operations
5. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
6. MCRP 3-25B, Multi Service Air-Air, Air-Surface, Surface-Air, Brevity Codes
7. MCRP 3-25E Multiservice Procedures for Joint Integrated Air Defense System
8. MCWP 3-2 Aviation Operations
9. MCWP 3-22 Antiair Warfare
10. MCWP 3-25 Control of Aircraft and Missiles
11. MCWP 3-25.10 Low Altitude Air Defense Handbook
12. MCWP 3-25.3 Marine Air Command and Control System Handbook
13. MCWP 3-25.4 Tactical Air Command Center Handbook
14. MCWP 3-25.5 Direct Air Support Center Handbook
15. MCWP 3-25.7 Tactical Air Operations Center (TAOC) Handbook
16. TM 08565A-CD-1 TAOM System Manual
17. TOPGUN MANUAL, Volumes I and II
18. U-TAOC-PCL-03862 Pocket Checklist



#### 10.10 CORE SKILL TRAINING (2000)

10.10.1 Purpose. To train the 7210 in basic equipment capabilities and familiarize the 7210 with surveillance, weapons and command section employment as prerequisite training for SD, WD and SAD qualifications. Focus of this phase is to train the 7210 to execute methods, exercise practical application of skill sets, and plan/manage MACS operational capabilities. While assigned to a Marine Air Control Squadron (MACS), under the direct supervision of a designated instructor, the 7210 moves from an introductory understanding of core skills to core skill proficiency.

##### 10.10.2 General

10.10.2.1 Admin Notes. None

10.10.2.2 Prerequisite. Complete Core Skill Introduction phase of training.

10.10.2.3 Stages. The following stages are included in the Core Skill Phase of training:

PAR NO.	STAGE NAME
10.10.3	ACADEMIC (ACAD)
10.10.4	ACADEMICS 1 (ACAD1)
10.10.5	ACADEMICS 2 (ACAD2)
10.10.6	LOCAL AIRSPACE FAMILIARIZATION (LFAM)
10.10.7	SURVEILLANCE DIRECTOR (SD)
10.10.8	AIR INTERCEPT FAMILIARIZATION (AFAM)
10.10.9	WEAPONS DIRECTOR (WD)
10.10.10	SENIOR AIR DIRECTOR (SAD)
10.10.11	DETACHMENT COMMANDER (DETCO)
10.10.12	COMMAND AND CONTROL SYSTEMS (C2SYS)

##### 10.10.3 ACADEMICS (ACAD)

10.10.3.1 Purpose. To provide the 7210 standardized academic knowledge to perform assigned duties. Academic events are one-time events unless otherwise stated.

##### 10.10.3.2 General

###### Admin Notes

- (1) The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will complete ACPM-8000, 8020, 8060 and complete a self-paced reading of MCWP 3-25.7, TAOC Handbook.
- (2) All events/exams will be taken without the aid of reference and a minimum score of 80% unless specifically changed in an event.

Prerequisites. None.

Crew Requirements. None.

ACAD-2000    2.0    \*    B    E    G

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Goal. Define combat identification

Requirement. Given the references:

1. Define the purpose and criteria for Positive Control
2. Define the purpose and criteria for an Air Defense Identification Zone (ADIZ)
3. Explain how the following are used to identify aircraft:
  - a. Control points
  - b. Airspace Control Area
  - c. Ingress/Egress routes/Minimum Risk Routes
  - d. Identify Friend or Foe (IFF) (Modes 1-5)
  - e. Air Tasking Order (ATO)
4. Explain the relationship between I.D. Criteria and ROE.
5. State the OPORDER appendix that contains ROE and Identification Criteria.
6. Explain the purpose and usage of the authentication table (AKAC 1553).
7. Define the 6 standard track identifications, in accordance with the Joint Multi-TDL Operating Procedures (JMTOP).
8. List the five track environment categories, in accordance with the JMTOP.
9. List and Describe the electronic identification capabilities of the following platforms.
  - a. E-3 AWACS
  - b. E-2C Hawkeye
  - c. AEGIS equipped ships

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-22, Anti-Air Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
4. JP 3-52, Joint Airspace Control
5. MCRP 3-25E, Multi-Service Tactics, Techniques, and Procedures for an Integrated Air Defense Systems (IADS)

ACAD-2002    1.0    \*    B    E    G

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Goal. State the purpose of Interface Coordination

Requirement. Given the reference:

1. State who controls the establishment of the Multi-TDL interface.
2. Define the following:
  - a. Data registration
  - b. Sensor registration
  - c. Correlation
  - d. Common track
  - e. Dual designation
3. List the steps of the data registration test.
4. State which unit will normally be assigned as the data registration reference unit in a Multi-TDL environment.
5. List the five correlation restrictions for reported tracks.
6. List the eight operational contingency constraints (OCCs) for a track.
7. List the six steps for voice resolution of a dual designation.
8. IAW the JMTOP, what is the single most important element of information of the TDL interface.
9. Outline the ID difference resolution procedures.
10. Define a Change Data Order (CDO)
11. State who on the interface may originate a CDO.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

ACAD-2004	2.0	*	B	E	G
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Goal. Define terms associated with Link 11

Requirement. Given the reference:

1. Define the following Link 11 station modes of operation:
  - a. Net Control Station (NCS)
  - b. Picket
  - c. Radio Silence
2. Define the following Link 11 net modes of operation:
  - a. Roll Call
  - b. Broadcast (Long)
  - c. Short Broadcast
  - d. Net Sync
  - e. Net Test
3. State the purpose of the following Link 11 waveforms:

- a. Conventional Link 11 Waveform (CLEW)
  - b. Single Tone Link 11 Waveform (SLEW)
4. Describe the characteristics of the following Link 11 data encryption modes:
  - a. A1
  - b. A2
  - c. B
  - d. Plain Text
5. Define Data Link Reference Point, and state typical usage criteria and limitations.
6. Describe Link 11 Gridlock.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6011\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11BMIL-STD-6011\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B

ACAD-2006	2.0	*	B	E	G
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Goal. Define terms associated with Link 16

Requirement. Given references, define:

1. Active Synchronization
2. Backlink
3. Command and Control JTIDS/MIDS Unit (C2 JU)
4. Conditional Radio Silence Mode
5. Contention Access Mode
6. Dedicated Access Mode
7. Donor
8. Dynamic Network Management
9. Extension Word
10. Geodetic Position Quality
11. Header Message
12. Host System
13. Initial Entry
14. Initial Entry JTIDS/MIDS Unit (IEJU)
15. Machine Receipt
16. Multifunctional Information Distribution System (MIDS)
17. Minimum Implementation
18. Mode 1, 2, and 4 Communications
19. Net Number
20. Network Participation Group

21. Network Time Reference
22. Non-Command and Control JTIDS/MIDS Unit (NonC2 JU)
23. Pool
24. Passive Synchronization
25. Recurrence Rate
26. Reed-Solomon Code
27. Relative Position Quality
28. Relay Block
29. Round-Trip Timing (RTT)
30. Stacked Net
31. Synchronization
32. Time (System & Terminal)
33. Time Quality (QT)
34. Time Slot
35. Time Slot Reallocation Access Mode

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

ACAD-2008	2.0	*	B	E	G
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Goal. State the characteristics of Tactical Data Links

Requirement. Given references, state the characteristics of:

1. Link 11
2. Link 16

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual

ACAD-2010    2.0    \*    B    E    G

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Goal. Define terms associated with Joint Range Extension Application Protocol (JREAP)

Requirement. Given references, define:

1. Common Time Reference
2. Demand Access Multiple Access (DAMA)
3. Joint Range Extension (JRE)
4. JRE Network Controller
5. JRE Source Track Number
6. Link 16 Zone
7. Multicast
8. Packet
9. Port
10. Secondary Track Number
11. Token Passing
12. Transmission Sequence List
13. Unicast

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-3011\_, Department of Defense Interface Standard for the Joint Range Extension Application Protocol

ACAD-2012    2.0    \*    B    E    G

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Goal. State the background characteristics of JREAP

Requirement. Given references, state the characteristics of:

1. JREAP A (Half duplex announced Token Passing Protocol)
2. JREAP B (Full Duplex Synchronous or Asynchronous Point-to-Point Connection)
3. JREAP C (Encapsulation over IP)

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

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ACAD-2014    1.0    \*    B    E    G

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Goal. Know the types and purpose of data filters

Requirement. Given the reference:

1. State the purpose of the data filters.
2. State the personnel responsible for data filters and their associated duties.
3. Describe the characteristics of prearranged and non-prearranged data filters.
4. State the function of filter numbers and identify codes associated with the following types of unit filter types:
  - a. Link 11 Transmit
  - b. Link 11B Transmit
  - c. Link 16 Transmit
  - d. Data forwarding for data forwarded from Link 11 to Link 11B
  - e. Data forwarding filter for data forwarded from Link 11B to Link 11
  - f. Transmit filter for all data links in a multi-link interface
  - g. Data forwarding filter for data forwarded from Link 16 to Link 11
  - h. Data forwarding filter for data forwarded from Link 16 to Link 11B
  - i. Data forwarding filter for data forwarded from Link 16 to Link 11/11B
  - j. Data forwarding filter for data forwarded from Link 11 or Link 11B to Link 16
5. List essential information that should be included when establishing a data filter.
6. State the purpose of the following data filter types:
  - a. Geographic (Geo) filters
  - b. Fixed or slaved filters
  - c. Identification filters
  - d. Environment filters
  - e. Reference point filters
  - f. EW filters
  - g. Special Processing Indicator (SPI) filters
7. State operational factors that may dictate the use of data filters.
8. State the doctrinal restrictions on the establishment of data filters.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual

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ACAD-2016    1.0    \*    B    E    G

Goal. Explain the troubleshooting theory

Requirement. Without the aid of references:

1. Identify the problem
2. Establish a theory of probable cause (question the obvious)
3. Test the theory to determine cause
4. Establish a plan of action to resolve the problem and implement the solution
5. Verify full system functionality and if applicable implement preventive measures
6. Document findings, actions and outcomes

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 08565A-CD-1 TAOM System Manual
2. TM 10566D-OI, Communication Interface System CAC2S(V)4

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ACAD-2018    1.0    \*    B    E    G

Goal. Define the characteristics of Cooperative Engagement Capability (CEC)

Requirement. Given the references:

1. State the purpose of CEC.
2. State the characteristics of the CEC network.
3. Identify the Navy platforms capable of participating in the CEC network.
4. State the Marine Corps equipment required to interface with CEC.

Performance Standard. Pass an exam.



Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TACMEMO 3-01.3-12 CEC Tactical Employment Guide, Feb 2012
2. USN Capabilities and Limitations website  
<http://cnl.phdnswc.navy.smil.mil/>
3. Navy CEC Fact Sheet
4. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

ACAD-2020 1.5 \* B E CAC2S G

Goal. Identify the characteristics, capabilities and limitations of the Communications Subsystem (CS)

Requirement. Identify or explain the following:

1. Identify the nomenclature and number of radios
2. Identify the number of radio nets and frequency spectrum breakdown
3. Identify antennas
4. Explain the power requirements
5. Explain the remote capability

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. Comm Section

Reference.

1. TM 10566C-OI/1, Communication Interface System CAC2S(V) 3
2. TM 10566D-OI, Communication Interface System CAC2S(V) 4
3. Harris Quick Reference Pocket Guide for the AN/PRC-116
4. Harris Quick Reference Pocket Guide for the AN/PRC-150
5. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

ACAD-2022 1.0 \* B E TE Radio Assets G

Goal. Identify TAOC communication capabilities

Requirement. Given the reference, identify the following:

1. Define the frequency range of the following:
  - a. High Frequency
  - b. Very High Frequency
  - c. Ultra High Frequency
2. Identify the ground and sky wave range of the following:
  - a. High Frequency
  - b. Very High Frequency
  - c. Ultra High Frequency

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-40.3C, Antenna Handbook

ACAD-2024	1.0	*	B	E	G
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Goal. Define TAOC radio terms

Requirement. Given the reference, define the following:

1. Amplitude modulation (AM)
2. Antenna gain
3. Bidirectional
4. Broadband antenna
5. Diffraction
6. Dipole antenna
7. Directional antenna
8. Ducting
9. Frequency hopping
10. Frequency modulation (FM)
11. Gain
12. Ground wave
13. Omnidirectional antenna
14. Polarization
15. Reflection
16. Refraction
17. Sky wave
18. Take-off angle

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-40.3C, Antenna Handbook

ACAD-2026    0.5    \*    B    E    G

Goal. Identify the purpose of the positions that make up the Air Defense Command Structure

Requirement. Given the references, explain the responsibilities of the following:

1. Joint Forces Commander (JFC).
2. Joint Forces Air Component Commander (JFACC).
3. Area Air Defense Commander (AADC).
4. Deputy Area Air Defense Commander (DAADC)
5. Regional Air Defense Commander (RADC).
6. Sector Air Defense Commander (SADC).

Performance Standard. Pass an exam.

Instructor. BI qualified WD, SAD

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 3-0 Joint Operations
2. JP 3-1 Countering Air and Missile Threats
3. JP 3-30 Command and Control for Joint Air Operations

ACAD-2028    2.0    \*    B    E    G

Goal. State the purpose and intent of Rules of Engagement (ROE)

Requirement. Given the reference:

1. Define:
  - a. Law of War
  - b. Rules of Engagement (ROE)
  - c. Supplemental Measures
  - d. Hostile Act
  - e. Hostile Intent
2. State the purpose of the Law of War

3. State the intent of Standing Rules of Engagement (SROE)

Performance Standard. Pass an exam.

Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSI 3121.01 Standing ROE for US Forces
2. DoD Inst 2311.01, DOD Law of War Program
3. MCO 3300.4, Marine Corps Law of War Program
4. Joint Pub 1-02, DOD Dictionary of Military and Associated Terms

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ACAD-2030    1.0    \*    B    E    G

Goal. Define Joint Theater Missile Defense

Requirement. Given the reference:

1. State the purpose of TMD.
2. State and describe the four operational elements of JTMD.
3. State the three phases of flight for Ballistic Missiles.
4. Identify the major TMD systems in each service and what phase of flight the system is employed.

Performance Standard. Pass an exam.

Instructor. BI qualified SD, BI qualified WD, SAD

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. 7210 Instructor

Reference.

1. Joint Pub 3-01 Counter Air and Missile Threats
2. Missile Defense Agency website  
<http://www.mda.mil/system/elements.html>

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ACAD-2034    1.0    \*    B    E    G

Goal. Describe aviation operational documents

Requirement. Given the reference:

1. Describe the phases of the ATO generation cycle:
  - a. Phase I - Command Aviation Guidance
  - b. Phase II - Target/Air Support Mission Development
  - c. Phase III - Air Allocation and Allotment
  - d. Phase IV - Tasking
  - e. Phase V - Force Execution
  - f. Phase VI - Combat Assessment
2. State the information contained within the ATO/SPINS.
3. Explain the use of the Airspace Control Order (ACO).
4. State the information found in the OPTASKLINK

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-2, Aviation Operations
2. MCWP 3-25, Control of Aircraft and Missiles
3. MIL-STD-6040, USMTF

ACAD-2036    1.0    \*    B    E    G

Goal. Define characteristics of Aviation Ordnance

Requirement. Given the reference:

1. State the type of terminal guidance, fuzing, and weight for the following types of aviation ordnance:
  - a. GP bombs, to include the following:
  - b. Mk-82
  - c. Mk-83
  - d. Mk-84
  - e. Paveway II/III Laser-Guided Bombs, to include the following:
  - f. GBU-12
  - g. GBU-16
  - h. GBU-10
  - i. GBU-24
  - j. JDAM, to include the following:
  - k. GBU-38
  - l. GBU-31
  - m. GBU-54
  - n. Standoff weapons, to include the following:
  - o. AGM-154 JSOW
  - p. AGM-88 HARM / AARGM
  - q. AGM-84 H / K SLAM-ER
2. Identify the preferred weapons pairing for the following targets:
  - a. Armored vehicles
  - b. Treeline or covered

- c. Building
- d. Personnel: Individual/small group
- 3. State the definition of inertial aided munitions.

Performance Standard. Pass an exam.

Instructor. BI qualified DAC, BI qualified WD, SAD

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1. ALSA JFIRE dated November 2012
- 2. TOPGUN MANUAL

ACAD-2038	2.0	*	B	E	G
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Goal. Define the characteristics of the Phased Array Tracking Intercept of Target (Patriot) system and how it integrates into an IADS

Requirement. Given the references:

- 1. State the mission of Army Air and Missile Defense (AMD).
- 2. Outline the structure of a PATRIOT Battalion
  - a. Number of firing batteries within a battalion
  - b. Number of launchers within a battery
  - c. Number and types of missiles per launcher
- 3. List the characteristics of the PAC-3, PAC-2, and GEM-T as they relate to the following (SECRET when filled in):
  - a. Maximum effective range
  - b. Maximum effective speed
  - c. Launch trajectory
  - d. Max effective altitude for ABT, TBM, and CM
  - e. Target to weapon match for ABT, TBM, and CM
  - f. Missile guidance system
- 4. List the characteristics of the AN/MPQ-65 PATRIOT RADAR System (SECRET when filled in):
  - a. Modes of operation
  - b. Surveillance and targeting RADAR ranges
  - c. Maximum number of simultaneous target tracking
- 5. List and define the Detect-to-Engage Sequence
- 6. Identify the data link capabilities of the ADA Battalion
- 7. State the purpose and employment considerations for the PATRIOT ADAFCO as member of the TAOC Crew

Performance Standard. Pass an exam.

Instructor. BI qualified WD

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. FM 3-01.13 PATRIOT TOPGUN MANUAL
2. MCRP 3-25E MTTP For IADS
3. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual

10.10.4 ACADEMICS 1 (ACAD1)

10.10.4.1 Purpose. To provide the 7210 standardized academic knowledge to perform assigned Weapons Director duties. Academic events are one-time events unless otherwise stated.

10.10.4.2 General

Admin Notes

- (1) The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will also complete ACPM-8004 (TAOC) and complete a self-paced reading of MCWP 3-25.7, TAOC Handbook.
- (2) All tests will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed in an event.

Prerequisites. None

Crew Requirements. None

ACAD1-2050 1.0 \* B E G

Goal. State the characteristics of Navy and USMC Aircraft

Requirement. Given the references, state the capabilities and limitations of the following aircraft:

1. F/A-18 A-D Hornet
2. F/A-18E-F Super Hornet
3. EA-18G Growler
4. EA-6B Prowler

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NTTP 3-22.1 FA18
2. NTTP 2-22.1 EA6B

ACAD1-2052 1.5 \* B E G

Goal. State the employment considerations for Navy and USMC Aircraft

Requirement. Given the references, state the employment considerations of the following aircraft during AAW/OAAW, Strike, OAS, CSAR, and Tanking missions:

1. F/A-18 A-D Hornet
2. F/A-18E-F Super Hornet
3. EA-18G Growler
4. EA-6B Prowler

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NTTP 3-22.1 FA18
2. NTTP 2-22.1 EA6B

ACAD1-2054 1.5 \* B E G

Goal. Describe the capabilities of US Air-to-Air Weapons

Requirement. Given the reference describe basic guidance theory, expected shot ranges, maneuver capabilities, and required RADAR support for each of the following weapons:

1. AIM-9M Sidewinder
2. AIM-9X Sidewinder
3. AIM-120 AMRAAM

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.



Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Chapter 26, AIM-9/Aerial Gunnery
2. TOPGUN MANUAL, Chapter 28, AIM-120
3. TOPGUN MANUAL, Chapter 30, FA-18 Combat Systems

ACAD1-2056 2.0 \* B E G

Goal. Describe Air Defense terminology

Requirement. Given the references, define the following:

1. Offensive Counter Air
2. Defensive Counter Air
3. Air Superiority
4. Air Supremacy
5. Defense in-depth
6. Vital Area
7. Identification
8. Engagement Area
9. Surveillance Area
10. Missile Engagement Zone
11. Fighter Engagement Zone
12. Joint Engagement Zone
13. Positive Identification
14. Positive Friendly Identification
15. Positive Hostile Identification
16. Minimum Risk Routing

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 3-0 Doctrine for Joint Operations
2. JP 3-1 Joint Doctrine for Countering Air and Missile Threats
3. JP 3-56.1 Command and Control for Joint Air Operations
4. NTTP 3-01.01 Fleet Air Defense
5. MCWP 3-22 Anti-Air Warfare

ACAD1-2058 4.0 \* B E G

Goal. Define the following words and concepts

Requirement. Given the references, define the following terms:

1. Call Signs
  - a. Informative
  - b. Directive
  - c. Interrogative
2. Anchor Points
  - a. Bullseye
  - b. Geographical Reference Point
  - c. Fighters Position
3. Types of Control
  - a. Broadcast Control
  - b. Tactical Control
4. AIC Core Communication Format
  - a. Callsign
  - b. Number of Groups
  - c. Anchor Point & Location
  - d. Altitude
  - e. Fill-ins
5. Five Phases of an Air-to-Air Intercept
  - a. Pre-commit
    - (1) Communications Priority
  - b. Post-Commit
    - (1) Communications Priority
  - c. Weapons Employment
    - (1) Communications Priority
  - d. Merge
    - (1) Communications Priority
    - (2) Five times you can talk in the merge
  - e. Post-Merge
    - (1) Communications Priority
6. Aspect
  - a. General
  - b. Specific
7. Declaration Modifiers
  - a. Spades
  - b. Squawking
  - c. Paint(s)
  - d. Echo
  - e. Outlaw
  - f. Rider
8. Declarations
  - a. Hostile
  - b. Bandit
  - c. Bogey

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2060 4.0 \* B E G

Goal. Identify formations

Requirement. Given the references, illustrate the following tactical labels and define the corresponding group names:

1. Single Group
2. Azimuth
3. Range
4. Vic
5. Champagne
6. Ladder
7. Wall
8. Box

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2062 4.0 \* B E G

Goal. Identify fighter maneuvers

Requirement. Given the references, explain the following terms:

1. Fill-ins
  - a. Opening
  - b. Closing
  - c. Echelon
  - d. Weighted
  - e. Stack
  - f. Heavy
  - g. High

- h. Very Fast
- 2. Aspect with reference to the fighters' nose
  - a. Hot
  - b. Flank
  - c. Beam
  - d. Drag
  - e. Cold
- 3. Maneuver
  - a. Maneuver Range
  - b. Maneuver Azimuth
  - c. Crossing
  - d. Passing
  - e. Change in Aspect
  - f. Maneuver in Altitude

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1. MCRP 3-25B Multi Service Brevity Codes
- 2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
- 3. TOPGUN MANUAL, Chapter 1, Communications Brevity
- 4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2064 2.0 \* B E G

Goal. Define communication calls

Requirement. Given the references, define and specify when to use the following:

- 1. Auto Separation Call
- 2. Threat Call
- 3. Nails
- 4. Music
- 5. Strobe
- 6. Clean
- 7. Faded
- 8. Vanished
- 9. Strength communications

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2066 2.0 \* B E G

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Goal. Define Air Intercept Control Communication Terms

Requirement. Given the references define the following terms:

1. Abort
2. Anchored
3. As fragged
4. Bonzai
5. Bingo
6. Bittersweet
7. Cheap shot
8. Father
9. Group
10. Hits
11. India
12. Jackal
13. Joker
14. Judy
15. Kill
16. Meld
17. Mickey
18. Midnight
19. Naked
20. Notch(ing)
21. Parrot
22. Pitbull
23. Pined
24. Print
25. Pump
26. Pushing
27. Skate
28. Short Skate
29. Snap lock
30. Spiked
31. Splash(ed)
32. Standby
33. Status
34. Sunrise
35. Tally
36. Target
37. Terminate
38. Threat

- 39. Timber
- 40. Trespass
- 41. Winchester

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1. MCRP 3-25B Multi Service Brevity Codes
- 2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
- 3. TOPGUN MANUAL, Chapter 1, Communications Brevity
- 4. TOPGUN MANUAL, Chapter 47, Air Control Communications

10.10.5 ACADEMICS 2 (ACAD2)

10.10.5.1 Purpose. To provide the 7210 standardized academic knowledge to perform Weapons Director duties. Academic events are one-time events unless otherwise stated.

10.10.5.2 General

Admin Notes

- (1) The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will also complete ACPM-8004 (TAOC) and complete a self-paced reading of MCWP 3-25.7, TAOC Handbook.
- (2) All tests will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed in an event.

Prerequisites. None

Crew Requirements. None

ACAD2-2100 1.0 \* B E G

Goal. State the capabilities and limitations of U.S. Air Force Aircraft

Requirement. Given the references, provide capabilities and limitations of the following aircraft with regard to AAW/OAAW, OAS, CSAR, and tanking:

- 1. F-15 A-D Eagle
- 2. F-15 E Strike Eagle
- 3. F-16 A-CJ Fighting Falcon
- 4. F-22 Raptor

5. F-35 Lightning II
6. KC-10 Extender
7. KC-135 E/R Stratotanker

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Attachment 3

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ACAD2-2102    1.5    \*    B    E    G

Goal. State the employment considerations for U.S. Air Force Aircraft

Requirement. Given the references, provide the mission, weapons, ID capabilities, and general employment considerations of the following aircraft with regard to AAW/OAAW, OAS, CSAR, and tanking:

1. F-15 A-D Eagle
2. F-15 E Strike Eagle
3. F-16A-CJ Fighting Falcon
4. F-22 Raptor
5. KC-10 Extender
6. KC-135 E/R Stratotanker

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Attachment 3

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ACAD2-2104    3.0    \*    B    E    G

Goal. State the capabilities and limitations of Threat Aircraft

Requirement. Given the references, provide missions, proliferation (threat nations of interest), weapons, and threat category for aircraft

listed in Reference (b).

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1.2 Threat Reference guide and Counter tactics
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft

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ACAD2-2106 1.0 \* B E G

Goal. Define Threat Missile Terms

Requirement. Given the references, define the following terms:

1. F-Pole
2. A-Pole
3. Stern WEZ
4. 'nc'
5. 'tc'
6. 'mc'

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

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ACAD2-2108 1.0 \* B E G

Goal. State the capabilities and limitations of threat missiles



Requirement. Given the references, provide capabilities and limitations of air-to-air and air-to-ground missiles listed in references (3) and (5).

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

ACAD2-2110 1.0 \* B E G

Goal. State employment considerations for threat missiles

Requirement. Given the references, provide threat employment considerations of air-to-air and air-to-ground missiles listed in references (3) and (5) to include guidance type, category, proliferation (Nation of Interest), and Rule of Thumb (ROT) missile for each category.

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

ACAD2-2112 1.0 \* B E G

Goal. Define categories of threat missiles

Requirement. Given the references, define the categories for air-to-air and air-to-ground missiles listed in references (3) and (5).

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

ACAD2-2116 1.0 \* B E G

Goal. Define fighter support concepts and their purpose

Requirement. Given the references, discuss the following terms and phrases and state when each should be utilized in an air-to-air intercept:

1. Offset (20, 40, and 45 degree)
2. Crank
3. Shot Range
4. Last Shot Range
5. Minimum Defense Range (MDR)
6. Minimum Abort Range (MAR)
7. Meld Range
8. Threat Range

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8

4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2118 0.5 \* B E G

Goal. State the two types of fighter support concepts and their purpose

Requirement. Given the references, discuss the following types of fighter support concepts and their purpose:

1. Visual Mutual Support
2. Fluid Mutual Support

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2120 1.0 \* B E G

Goal. State the mission planning factors associated with defensive tactics

Requirement. Given the references, define the following terms and concepts and state how they are constructed:

1. Flow Range, Offensive and Defensive
2. Shot Depth Range
3. NLT Pump Range
4. Factor Range
5. Minimum Out Range (MOR)
6. Minimum Re-attack Range (MRAR)

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2122 2.0 \* B E G

Goal. State timelines an FA-18 Hornet can be expected to employ

Requirement. Given the references, construct each timeline that FA-18 Hornet & Super Hornet Aircrew can be expected to employ with the following considerations:

1. NLT Commit
2. NLT Pump
3. Meld
4. Shot Range
5. Last Shot Range
6. Minimum Defense Range (MDR)
7. Minimum Out Range (MOR)
8. Minimum Re-attack Range (MRAR)
9. Minimum Abort Range (MAR)
10. Shot Window
11. Desired Our Range (DOR)
12. Desired Re-attack Range (DRAR)
13. Desired Abort Range (DAR)

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2124 1.0 \* B E G

Goal. State the intercept geometries

Requirement. Given the references, discuss the following geometries and how each are tactically used:

1. Single Side Offset

2. Bracket

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
2. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2126 1.0 \* B E G

Goal. State how targeting contracts differ based on Acceptable Levels of Risk (ALR)

Requirement. Given the references, discuss the following N/GTD mindsets and ALR, and how they affect fighter employment, as well as the N/GTD section simultaneous targeting contracts, and give an example of when they are applied:

1. Immediate Forward Flow Required (ALR High)
2. Flow Desired (ALR Medium/Low)

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
2. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2128 2.0 \* B E G

Goal. State standard N/GTD targeting for a section of fighters

Requirement. Given the reference:

1. State the standard section N/GTD targeting against the following presentations where flow is desired:

- a. Single Group
  - b. Single Group Stack
  - c. Range  $\geq$  OFR
  - d. Range  $\leq$  OFR
  - e. Range  $\leq$  SDR
  - f. Non-Flowable Azimuth 10nm
  - g. Narrow Azimuth  $\leq$  10nm
  - h. Flowable Azimuth
2. State the standard section N/GTD targeting against the following presentations where flow is required:
- a. Single Group
  - b. Single Group Stack
  - c. Range  $\geq$  DFR
  - d. Range  $\leq$  DFR
  - e. Azimuth

Performance Standard. With the aid of reference, complete each requirement. All targeting examples must address who targets who, what geometry will be used, and the flow decision.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42, N/GTD Targeting Lab

ACAD2-2130 1.0 \* B E G

Goal. State how an FA-18 conducts a Visual Identification (VID) based on defensive tactics

Requirement. Given the reference, brief how an FA-18 conducts a VID with the following tactics:

- 1. DTD/FT
- 2. N/GTD

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42, N/GTD Targeting Lab

ACAD2-2132 1.0 \* B E G

Goal. State the delouse options available to Strike Fighter Aircrew

Requirement. Given the reference, brief the delouse options available to Strike Fighter Aircrew. For each option discuss the following: Type of threat each should be used against, tactics the option may be used with, and lastly the geometry and employment considerations.

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2134 2.0 \* B E G

Goal. Describe when AIC actions will be taken with associated AIC terms

Requirement. Given the reference, provide the following:

1. Range that AIC can use the group name "Threat Group"
2. Range that AIC can use the group name "Additional Group"
3. Range that AIC can use the group name "Pop-Up Group"
4. Range that AIC will provide tactical range call when facing the following threats:
  - a. SAR-1
  - b. SAR-2/AR-1
5. Callsigns that an AIC can use when providing "Tactical Range" call
6. Tactics used and requirements that must be met for an AIC to provide a leaning-on assessment

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air Control Communications, Chapter 47

ACAD2-2136 1.0 \* B E G

Goal. State the significance of the maneuvers

Requirement. Given the reference, state the significance of the following maneuvers:

1. Maneuver range
2. Maneuver azimuth

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air Control Communications, Chapter 47

10.10.6 LOCAL AREA FAMILIARIZATION (LFAM)

10.10.6.1 Purpose. To familiarize the 7210 with local restricted airspace.

10.10.6.2 General

Admin Notes. The LFAM stage is required prior to executing any other Core Skill events. It must be conducted every time the 7210 is assigned to new airspace or required to be refreshed per their training record.

Prerequisites. None.

Crew Requirements. None.

LFAM-2150 5.0 365 B, M L

Goal. Brief local restricted areas

Requirement. Given source documents and a local map:

1. Identify local restricted areas on a map.
2. Identify characteristics of each local restricted area.
3. Identify agencies responsible for each local restricted area.



4. Identify communication requirements for each local air control agency.

Performance Standard. Brief the instructor on local restricted areas IAW requirements. Minor errors corrected by the trainee are acceptable.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Local unit SOP

#### 10.10.7 SURVEILLANCE DIRECTOR (SD)

10.10.7.1 Purpose. To train the 7210 in detailed surveillance planning skills required to manage the surveillance section.

##### 10.10.7.2 General

Admin Notes. This stage of training may be conducted concurrently with the WD stage.

Prerequisite. 2150

Crew Requirement. None.

SD-2300	8.0	*	B,R	Falconview	L
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Goal. Develop RADAR coverage diagram

Requirement. Given a scenario, a map and terrain analysis software, complete the following with a WD:

1. Develop a RADAR coverage diagram for system RADARs that identify potential gaps in coverage due to terrain masking and RADAR horizon limitations.
2. Develop a recommended emplacement plan for MACS organic RADARs.

Performance Standard. Provide completed documents and brief the instructor on each requirement.

Instructor. BI

Prerequisite. 2150

Ordinance. None.

Range. None.

External Syllabus Support. 5910

Reference.

1. Falconview 3.2 User Guide
2. MCWP 3-25.7 TAOC Handbook

SD-2302      8.0      1095      B,R,M      L

Goal. Develop communication requirements for the surveillance section

Requirement. Given a scenario and operational documents, identify the following surveillance section communication requirements:

1. Internal crew communication.
2. External agency Single channel radio (SCR) communication.
3. External agency internet relay chat communication.

Performance Standard. Complete the requirement items. Minor errors corrected by the trainee are acceptable. Instructor will discuss each item with the trainee.

Instructor. BI

Prerequisite. 2020, 2022, 2024, 2150

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook
2. TI 10576C/11255B-OD AN/VRC-103(V)3 Comm Interface System

SD-2304      8.0      \*      B      C2 System      L/S

Goal. Conduct EW planning

Requirement. With the aid of a WD and an enemy order of battle (air and ground):

1. Identify enemy EW capabilities.
2. Produce an EP plan to counter enemy EW capabilities to include:
  - a. Emissions Control (EMCON) plan.
  - b. Subordinate unit Radiation Control (RADCON) plan.
  - c. Special Electronic Technique (SET) employment plan.
3. Plan for AN/TPS-59 decoy employment.

Performance Standard. Complete the requirement items. Minor errors corrected by the trainee are acceptable. Instructor will discuss each item with the trainee.

Instructor. BI

Prerequisite. 2036, 2150

Ordnance. None.

Range. None.

External Syllabus Support. RADAR Section, METOC

Reference.

1. MAWTS-1 Aviation Intelligence Publication
2. AN/TPS-59 OI 07751C (Classified)
3. TM 08611B-01 (VOL 1,2 or 3)

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SD-2306      2.0      \*      B,R      L/S

Goal. Maximize organic RADAR performance

Requirement. Given the references and a RADAR coverage diagram, perform the following:

1. Coordinate RADAR utilization plan with RADAR section.
2. Conduct sensor registration.
3. Provide timely weather updates to RADAR section.
4. Set low-speed filter.
5. Plan for a sector inhibit or censor area.

Performance Standard. Complete the requirement items. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Prerequisite. 2000, 2150, 2300

Ordnance. None.

Range. None.

External Syllabus Support. RADAR Section, METOC

Reference.

1. CJCSM 6120.01 Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. AN/TPS-59 TM 00751C 14-10
3. TM 08611B-01 (VOL 1,2 or 3)

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SD-2308      3.0      \*      B      S/L

Goal. Extract tactical interface data link planning requirements

Requirement. Given an OPTASKLINK, perform the following:

1. Extract primary data link architecture.
2. Extract secondary data link architecture.
3. State tactical data link management duties.

Performance Standard. Complete the requirement items. Minor errors corrected by the trainee are acceptable. Instructor will discuss each item with the trainee.

Instructor. BI

Prerequisite. 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2150

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01E 01\_ Joint Multi-TDL Operating Procedures (JMTOP) Manual

SD-2310	3.0	*	B	S/L
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Goal. Conduct Composite Tracking Network employment planning

Requirement. Given an OPTASKCEC, perform the following:

1. Extract CEC architecture.
2. Plan for CTN emplacement.

Performance Standard. Complete the requirement items. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Prerequisite. 2150

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TACMEMO 3-01.3-12 CEC Tactical Employment Guide, Feb 2012
2. USN Capabilities and Limitations website  
<http://cnl.phdnswc.navy.smil.mil/>
3. Navy CEC Fact Sheet

#### 10.10.8 AIR INTERCEPT FAMILIARIZATION (AFAM)

10.10.8.1 Purpose. To familiarize the 7210 in the understanding of air intercept control skills and deep air operations to include communication procedures, friendly tactics and threat capabilities. This stage supports 7210 training towards WD qualification requirements.

10.10.8.2 General

Admin Notes

- (1) A single mission will consist of a brief, execution and debrief.
- (2) A 7210 will be part of the control team with the 7236 AIC 2, but will only observe while the 7236 AIC 2 conducts the mission.

Prerequisites. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136

Crew Requirements. None.

AFAM-2500    3.0    \*    B    C2 System    S

Goal. Observe AIC functions for a section of fighter aircraft using N/GTD

Requirement. Given a C2 system and a simulation, observe the control of a section of fighter aircraft against an unknown threat, to include the following:

1. Accurate initial picture.
2. Recognition of commit/reset criteria.
3. Transition from broadcast control to tactical control.
4. Accurate and timely declarations.
5. Accurate and timely recognition and communication of maneuvering targets.
6. Post merge picture.
7. Effective cold ops execution/communication when required.
8. Effective communications brevity IAW reference.

Performance Standard. Complete the requirement.

Instructor. AICI

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136

Ordinance. None.

Range. None.

External Syllabus Support. AIC 2

Reference.

1. TOPGUN MANUAL

AFAM-2502    3.0    \*    B,R    C2 System    S

Goal. Observe AIC functions for a section of fighter aircraft using DTD

Requirement. Given a C2 system and a simulation, observe the control of

a section of fighter aircraft against an unknown threat, to include the following:

1. Accurate initial picture.
2. Recognition of commit/reset criteria.
3. Transition from broadcast control to tactical control with proper labels and names.
4. Accurate and timely declarations.
5. Accurate and timely recognition and communication of maneuvering targets.
6. Post merge picture.
7. Effective cold ops execution/communication when required.
8. Effective communications brevity IAW reference.

Performance Standard. Complete the requirement.

Instructor. AICI

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136

Ordinance. None.

Range. None.

External Syllabus Support. AIC 2

Reference.

1. TOPGUN MANUAL

AFAM-2504	3.0	*	B,R	C2 System	L
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Goal. Observe AIC functions for a section of fighter aircraft against unknown threat

Requirement. Given a C2 System with live tactical RADAR inputs, observe the control of a section of fighter aircraft against an unknown threat, to include the following:

1. Accurate initial picture.
2. Recognition of commit/reset criteria.
3. Transition from broadcast control to tactical control with proper labels and names.
4. Accurate and timely declarations.
5. Accurate and timely recognition and communication of maneuvering targets.
6. Post merge picture.
7. Effective cold ops execution/communication when required.
8. Effective communications brevity IAW reference.

Performance Standard. Complete the requirement.

Instructor. AICI

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136

Ordinance. None.

Range. None.

External Syllabus Support. AIC 2

Reference.

1. TOPGUN MANUAL

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AFAM-2564    3.0    \*    B    C2 System    S

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Goal. Observe AIC functions for a division of fighter aircraft performing NTD

Requirement. Given organic tactical systems, references, scenario, and while demonstrating scope mechanics, interpretation, and utilization, observe the control of a division of fighter aircraft against unknown threat, to include the following:

1. Perform fighter timeline awareness.
2. Perform AIC communications.
3. Perform proactive involvement.
4. Respond to fighter requests.
5. Perform scope mechanics.

Performance Standard. Perform the requirement.

Instructor. AICI

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136

Ordinance. None.

Range. None.

External Syllabus Support. AIC 2

Reference.

1. TOPGUN MANUAL

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AFAM-2566    3.0    \*    B    C2 System    S

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Goal. Observe AIC functions for a division of fighter aircraft performing DTD/FT

Requirement. Given organic tactical systems, references, scenario, and while demonstrating scope mechanics, interpretation, and utilization, observe the control of a division of fighter aircraft against unknown threat, to include the following:

1. Perform fighter timeline awareness.
2. Perform AIC communications.
3. Perform proactive involvement.
4. Respond to fighter requests.
5. Perform scope mechanics.

Performance Standard. Perform the requirement.

Instructor. AICI

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2500, 2502, 2504, 2564

Ordinance. None.

Range. None.

External Syllabus Support. AIC 2

Reference.

1. TOPGUN MANUAL

#### 10.10.9 Weapons Director (WD)

10.10.9.1 Purpose. To train the 7210 in detailed weapons planning skills that includes airspace management; AAW, DAS, and AAR asset management. These skills are required to manage the weapons section.

#### 10.10.9.2 General

Admin Notes. This stage of training may be conducted concurrently with the SD stage of training.

Prerequisite. 2150

Crew Requirements. None.

WD-2600	8.0	*	B,R	S/L
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Goal. Conduct threat analysis

Requirement. With the aid of references, given a scenario and operational documents, analyze the following with a SD:

1. Threat/time distance to Defended Asset List (DAL).
2. Threat surface-to-air missile systems.
3. Threat air-to-air platforms.
4. Threat air-to-surface delivered weapons.
5. Threat surface-to-surface weapons.

Performance Standard. Complete the requirement items with the aid of an SD. Minor errors corrected by the trainee are acceptable. Instructor will discuss each item with the trainee.

Instructor. BI

Prerequisite. 2150



Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-22
2. MCWP 3-25
3. JP 3.01
4. MAWTS-1 Aviation Intelligence Publication

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WD-2602      8.0      \*      B,R      L

Goal. Conduct air defense planning

Requirement. Given a scenario and planning documents:

1. Extract Critical Asset List (CAL)/Defended Asset List (DAL) from source documents.
2. Extract IADS information for the AOR.
3. Develop air defense asset casualty procedures.
4. Plan required GBAD liaison communications.
5. Extract ROE.
6. Establish procedures for weapons assignment based on threat evaluation.
7. Identify AAW external communication requirements.
8. Identify air defense assets available for TAOC control.

Performance Standard. Complete all requirements and provide the information to the instructor.

Instructor. BI qualified SAD, BI qualified WD

Prerequisite. 2150

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MIL-STD 6040 USMTF
2. MCWP 3-22 Anti-Air Warfare
3. MCWP 3-25 Command and Control of Aircraft and Missiles
4. JP 3-01 Countering Air and Missile Threats

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WD-2604      8.0      \*      B      L

Goal. Conduct airspace management planning

Requirement. Given a scenario and operational planning documents:

1. Extract airspace management information from the Airspace Control Plan (ACP), Special Instructions (SPINS), and the Airspace Control Order (ACO).

2. Recommend Airspace Control Measures (ACM) for the TAOC Area of Operations (AO).
3. Develop internal and external aircraft handover procedures.

Performance Standard. Complete all requirements and present the information to the instructor. The trainee should be prepared to answer questions from the instructor.

Instructor. BI

Prerequisite. 2150

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MIL-STD 6040 USMTF
2. MCWP 3-25 Command and Control of Aircraft and Missiles

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WD-2606	8.0	*	B	L
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Goal. Conduct deep air operations planning

Requirement. Given a scenario and operational planning documents:

1. Extract targets from the Joint Integrated Prioritized Target List (JIPTL), High Value Target (HVT) list, High Payoff Target (HPT) list and the Reactive Attack Guidance Matrix (RAGM).
2. Develop DAS aircraft handover procedures.
3. Extract applicable database items.
4. Identify available DAS aircraft assets.

Performance Standard. Complete all requirements and present the information to the instructor. The trainee should be prepared to answer questions from the instructor.

Instructor. BI

Prerequisite. 2150, 2604

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

MCWP 3-25.7

#### 10.10.10 Senior Air Director (SAD)

10.10.10.1 Purpose. To train the 7210 in TAOC mission and tactical planning.

#### 10.10.10.2 General

Admin Notes. This stage of training may not be conducted until the SD and WD qualifications are attained.

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Crew Requirements. A mission skill proficient Crew Chief.

SAD-2700	8.0	*	B,R	L
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Goal. Conduct mission planning

Requirement. Given mission tasking, Commander's guidance, and assistance of a Crew Chief, SD, and WD, determine requirements to support the TAOC mission taking into account the following:

1. Operational hours and duration of operation/exercise.
2. Communication requirements.
3. Digital backbone.
4. Echelon requirements.
5. Information exchange requirements.
6. 24 hour crew structure with change over procedures.
7. Compound security.
8. C2 System internal configuration.
9. RADAR emplacement.

Performance Standard. Complete all requirements and present the information to the instructor. The trainee should be prepared to answer questions from the instructor.

Instructor. BI qualified SAD

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. 7236

Reference.  
MCWP 3-25.7

SAD-2702      2.0      \*      B,R      L

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Goal.    Conduct a site survey

Requirement.    With the assistance of a Crew Chief and given a scenario, applicable references, an Equipment Density List (EDL) and mission statement, determine an site for system emplacement:

1.    Utilize planning tools (EMPRO, FalconView, AMP, SPEED, etc.) to determine terrain masking and line of sight connectivity.
2.    Determine a primary and secondary site location.
3.    Identify obstructions and hazards.
4.    Determine tactical orientation and equipment emplacement.
  - a.    Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Fuels (HERF) regulations.
  - b.    Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Ordinance (HERO) regulations.
  - c.    Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Personnel (HERP) regulations.
  - d.    Ensure emitters are emplaced to support working area.
5.    Determine protection from the elements.
6.    Determine Terrain Masking.
7.    Determine operational footprint.
8.    Design a site layout.

Performance Standard.    Complete a site survey and brief the instructor. The trainee should be prepared to answer questions from the instructor.

Instructor.    SI qualified SAD

Prerequisite.    2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance.    None.

Range.    None.

External Syllabus Support.    S-4, Utilities Section, S-6

- Reference.
1.    MCDP 6
  2.    MCWP 3-25.4
  3.    MCWP 3-25.7
  4.    MCWP 5-1
  5.    Communications-Air Support Center (CASC) Common Shelter AN/TSQ-207 TM

102012089A-14&P Equipment Description

6. Meshnet Ethernet Unit (MEU 1-2) TECH MANUAL 762326, Equipment Description
7. Network Access Unit (NAU 5-1) TECH MANUAL 762324 Equipment Description
8. User Control Device (UCD 1-4) TECH MANUAL 762325
9. System Description and Overview Communications Distribution System TECH MANUAL 762323
10. IEEE C95.1-1991
11. NAVSHIPS 0967-317-7010
12. TM 9406-15
13. DODINST 6055.11
14. BUMED 6470.23
15. OPNAVINST 5100.23 Series
16. NAVSEA OP 3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010/Volume II
17. Navy Safety Center
18. MCO 5100.29A W/CH 1
19. MCO 5104.2
20. MCO 5104.3A

SAD-2704      1.5      \*      B      S/L

Goal.    Prepare a plan for TAOC displacement operations

Requirement.    Given a scenario-based Tactical Decision Game (TDG):

1. Define TAOC displacement operations.
2. Explain the steps of TAOC displacement operations IAW the references.
3. Write a plan for the TAOC to displace, annotate identified issues of concern.

Performance Standard.    Complete all the requirement items IAW the references.    Instructor will discuss each item with the trainee.    The written plan must support the scenario.

Instructor.    BI

Prerequisite.    2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. MCWP 5-1, Marine Corps Planning Process (MCP)

4. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
5. MAGTF Operations Ashore

SAD-2706      1.0      \*      B      S/L

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Goal.    Prepare a plan for Phasing Control Ashore

Requirement.    Given a scenario-based TDG, demonstrate the following:

1. Define phasing control ashore.
2. Explain each step of phasing control ashore.
3. Determine common issues of concern.
4. Write a plan to phase control ashore, annotate identified issues of concern.

Performance Standard.    Complete all the requirement items while working with an CC.

Instructor.    BI

Prerequisite.    2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance.    None.

Range.    None.

External Syllabus Support.    7236

Reference.

1. MCWP 3-25.7, TAOC Handbook
2. U-TAOC-PCL-XXXX, Pocket Checklist
3. MCWP 5-1, Marine Corps Planning Process (MCPPE)
4. MAGTF Operations Ashore
5. JP 3-02 Joint Doctrine for Amphibious Operations
6. MCO 3501.9B Marine Corps Combat Readiness Evaluation System

SAD-2708      80.0      \*      B      S

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Goal.    Create and supervise the conduct of a TAOC simulation

Requirement.    Given a list of training objectives, plan, coordinate, and execute a TAOC simulation to include:

1. Develop a scenario IAW training objectives.
2. Build a TAOC simulation to support the scenario
3. Submit the scenario to the instructor.
4. Request required communications and support equipment

5. Oversee setup of the TAOC and white cell
6. Supervise execution of the scenario
7. Compile After-Action items

Performance Standard. Complete all the requirement items while working with an CC.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. S-6, S-4, MT/UT, 7236

Reference.

1. U-TAOC-PCL-XXXX, Pocket Checklist
2. MCWP 3-25.5, DASC Handbook
3. MCO 3501.9B, Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCPP)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual

10.10.11 Detachment Commander (DETCO)

10.10.11.1 Purpose. To give the 7210 training in Detachment Commander responsibilities prior to deploying the TAOC.

10.10.11.2 General

Admin Notes. Training can begin on DETCO events upon successful graduation from ADCOC.

Prerequisite. None.

Crew Requirements. None.

DETCO-2800 16.0 \* B E L

Goal. Develop a plan for the employment of the TAOC

Requirement. Given a scenario, Commander's guidance, mission, required source documentation and support sections (TDS, RADAR, S-1, S-2, S-4, S-6), conduct an Operational Planning Team and develop TAOC specific requirements, to include:

1. Personnel.
2. Equipment.
3. Equipment Desity List (EDL).
4. Bill of Materials (BOM).
5. C2 System emplacement plan.
6. RADAR emplacement plan.
7. Internal and external communications.
8. Logistics.
9. Casualty/degradation plan and detailed restoration priorities plan.

Performance Standard. Complete each requirement IAW the references and brief the instructor. Instructor shall question the trainee during the brief to check for understanding of mission analysis process. Instructor shall review submitted products to ensure they support the scenario and provide feedback.

Instructor. WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. TDS, RADAR, S-1, S-2, S-4, S-6

Reference.  
MCWP 3-25.7, TAOC Handbook

#### 10.10.12 Command and Control Systems (C2SYS)

10.10.12.1 Purpose. To develop proficiency in utilizing the command and control systems used in TAOC operations.

##### 10.10.12.2 General

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. The table below lists all C2SYS events that are to be completed by personnel position dependent:

EVENT CODE	EVENT NAME	POSITION	PRE-REQS
C2SYS-2910	Use the Execution Status and Monitoring (ESTAT) tool	WD, SAD	NONE
C2SYS-2940	Set up and establish communications utilizing tactical chat	WD, SD	NONE
C2SYS-2941	Operate Web Development Software (i.e. SharePoint)	SD, WD	NONE
C2SYS-2943	Operate the Joint Range Extension Gateway	SD	NONE

Prerequisite. None.

Crew Requirement. None.



10.11 MISSION SKILL TRAINING (3000)

10.11.1 Purpose. To train the 7210 in surveillance and weapons section employment and management. After completing SD and WD qualifications, the 7210 will train in crew management and TAOC employment as a SAD. Focus of this phase is to train the 7210 to execute methods, exercise practical application of skill sets, and plan/manage TAOC operational capabilities.

### 10.11.2 General

10.11.2.1 Prerequisite. None.

### 10.11.2.2 Admin Notes

- (1) The SD and WD training can be conducted concurrently.
- (2) The 7210 must complete the SD and WD qualifications prior to progressing to the SAD skill set.
- (3) Core skill C2SYS events must be completed.
- (4) For the culminating mission skill event (evaluation of knowledge, skills, and attitudes prior to recommendation for qualification), only C2 systems found on the MACS Table of Equipment will be used.

10.11.2.3 Stages. The following stages are included in the Mission Skill Phase of training:

PAR NO.	STAGE NAME
10.11.3	ACADEMICS (ACAD)
10.11.4	SURVEILLANCE DIRECTOR (SD)
10.11.5	WEAPONS DIRECTOR (WD)
10.11.6	SENIOR AIR DIRECTOR (SAD)
10.11.7	DETACHMENT COMMANDER (DETCO)
10.11.8	COMMAND AND CONTROL SYSTEMS (C2SYS)

### 10.11.3 ACADEMICS (ACAD)

10.11.3.1 Purpose. To provide the 7210 standardized mission skill academic knowledge to perform specific duties. Academic events are one-time events unless otherwise stated.

### 10.11.3.2 General

Prerequisite. None.

Admin Notes. None.

Crew Requirements. None.

ACAD-3000	6.0	1460	B,R,M	E	G
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Goal. State the responsibilities for, planning, and operating procedures for the Multi-Link Interface

Requirement. Given the reference:

1. State the concept and information exchange within the Multi-Link Interface.
2. List the technical functions of the Multi-Link Interface.
3. List the three elements of the Multi-Link Interface.
4. Define the following Interface Units:
  - a. Interface Unit (IU).
  - b. JTIDS/MIDS Unit (JU).
  - c. Command and Control JTIDS/MIDS Unit (C2JU).
  - d. Non-Command and Control JTIDS/MIDS Unit (Non-C2JU).
  - e. Participating Unit (PU).
  - f. Reporting Unit (RU).
  - g. Supporting Unit (SU).
  - h. Forwarding JTIDS/MIDS Unit A (FJUA).
  - i. Forwarding JTIDS/MIDS Unit B (FJUB).
  - j. Forwarding JTIDS/MIDS Unit AB (FJUAB).
  - k. Forwarding Participating Unit (FPU).
  - l. Forwarding Reporting Unit (FPU).
  - m. Concurrent Interface Unit (CIU).
5. Define the Basic Interface and list its three data links.
6. Define the Extended Interface.
7. Define the following interface voice coordination nets:
  - a. Air Defense Command and Control Net (ADCCN).
  - b. Engagement Coordination Net (ECN).
  - c. Data Link Coordination Net (DCN).
  - d. Track Supervision Net (TSN).
  - e. Voice Product Net (VPN).
8. Define Data Forwarding.
9. Define Current Operations.
10. Define Data Looping.
11. State the purpose of the following data registrations:
  - a. Geodetic registration.
  - b. Sensor registration.
  - c. Remote Interface unit (IU/JU) registration.
12. State the purpose of the Operational Tasking Links (OPTASK LINK) message.
13. State the purpose of the Common Message Processor (CMP) and discuss its relationship to the OPTASK LINK.
14. Define the following prearranged data items:
  - a. Interface Unit (IU) Addresses, to include legal ranges.
  - b. Track Number (TN) Allocation, to include legal ranges.
  - c. Data filters, to include usages.
  - d. Adaptive values.
15. Describe the delegation of responsibilities for the conduct of Multi-Link operations at the Joint Task Force (JTF) level and below.
16. Define the responsibilities of the Joint Data Network Officer and list the subordinate networks he/she has the responsibility of coordinating and integrating information within.
17. List the eight Interface Control Officer planning functions.
18. List the two Interface Control Officer execution functions.
19. State the responsibilities of the Link 16 Manager.
20. State the responsibilities of the Link 11/11B Manager.
21. State the responsibilities of the Track Data Coordinator.
22. List the minimum requirements for Services that operate the Multi-Link Interface.
23. List the typical planning input requirements for the following areas:

- a. Operational environment.
- b. Interface participants.
- c. Capabilities and limitations of supporting tactical data links.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
- 2. Defense Information Systems Agency (DISA) United States Message Text Format (USMTF) Website <https://standmgt.disa.mil/restricted/usmtf/>

#### 10.11.4 SURVEILLANCE DIRECTOR (SD)

10.11.4.1 Purpose. To train the 7210 in SD duties that includes briefing and management of the surveillance section.

#### 10.11.4.2 General

Admin Notes. This stage of training may be conducted concurrently with the WD stage of training.

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310

Crew Requirements. TAOC or EW/C core skill proficient crew.

SD-3300      8.0      1095      B,R,M      L

Goal. Brief the Surveillance section

Requirement. Given operational documents, develop a SD brief and brief the crew.

Performance Standard. Provide a Surveillance Section brief IAW the reference.

Instructor. SI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 3000

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

SD-3302      12.0    1095    B,R,M            E            C2 System    L

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Goal. Perform as a SD

Requirement. Given an operational C2 system, organic RADAR, a core capable surveillance crew, and operational documents:

1. Conduct a crew brief.
2. Ensure organic RADAR performance is maximized.
3. Validate surveillance database entries including EMCON, data links, RADAR parameters, and ACM's.
4. Ensure aircraft are identified and classified.
5. Ensure data links are initialized.
6. Coordinate entry into CEC architecture.
7. Activate EP/EMCON plan.
8. Implement RADCON plan.
9. Coordinate with RADAR section to identify any jamming sources.
10. Fix location of threat jammers with proper symbology.
11. Ensure manual crosstell procedures are followed.
12. Compile and forward Joint Spectrum Interference Resolution (JSIR) report.
13. Maintain logbook.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2940, 2941, 2943, 3300, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044

Ordinance. None.

Range. None.

External Syllabus Support. External C2 Agency with TDL capability

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MCWP 3-25.7
3. MIL-STD 6040 USMTF Baseline

10.11.5 Weapons Director (WD)

10.11.5.1 Purpose. To train the 7210 in WD duties that includes briefing and management of the weapons section.

10.11.5.2 General

Admin Notes. This stage of training may be conducted concurrently with the SD stage of training.

Prerequisite. 2150, 2600, 2602, 2604, 2606

Crew Requirements. A TAOC or EW/C core skill proficient crew.

WD-3600      8.0      1460      B,R,M      L

Goal. Brief the weapons section

Requirement. Given operational documents, produce a WD brief and brief the crew.

Performance Standard. Provide a Weapons Section Brief IAW the reference.

Instructor. SI

Prerequisite. 2150, 2600, 2602, 2604, 2606

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

WD-3602      8.0      \*      B,R      C2 System      L/S

Goal. Perform airspace management

Requirement. Given a C2 system and operational documents:

1. Ensure all ACMs identified in planning are put into and available on the tactical display.
2. Supervise controllers.
3. Update aircraft mission status.
4. Integrate long-range artillery, Naval Surface Fires Support and/or MAGTF/Joint aviation fires affecting TAOC airspace.
  - a. Direct movement of aircraft.
  - b. Coordinate with higher/adjacent on status of airspace for fires.
5. Execute slide and scram of HVAA.
6. Assist in coordinating SAR/TRAP missions.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SAD, SI qualified WD

Prerequisite. 2150, 2600, 2602, 2604, 2606, 3600

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-22, Anti-Air Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. JP 3-01, Countering Air and Missile Threats

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WD-3604	8.0	*	B	C2 System	L/S
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Goal. Manage aerial refueling

Requirement. Given a C2 system and operational documents:

1. Maintain updated flow of available assets.
2. Maintain updated list of aircraft scheduled to AAR that includes associated time of refuel and amount of fuel to receive.
4. Coordinate with higher/adjacent/subordinate agencies availability of on-station fuel.
5. Manage Aerial Refueling (AR) operations to include:
  - a. Tanker on the appropriate track at the appropriate altitude block.
  - b. Manage the Slide/Retrograde plan as the threat dictates.
  - c. Monitor, record, and report tanker fuel status.
6. Coordinate with and make recommendations to the SAD for the launch of SLA tankers.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2150, 2600, 2602, 2604, 2606

Ordnance. None.

Range. None.

External Syllabus Support. External C3 agencies and tactical/ support aircraft.

Reference.

1. MCWP 3-25.7 TAOC Handbook

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WD-3606	8.0	*	B	C2 System	L/S
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Goal. Manage combat air patrol(s)

Requirement. Given a C2 system and operational documents:

1. Maintain updated flow of available AAW aviation assets.
2. Recommend CAP manning and relief plan to the TACC ADC.
3. Manage AAW aviation assets to ensure CAP is manned.
4. Manage Strip Launch Alert (SLA) status times.
5. Update aircraft status to include:
  - a. Current weapons loadout.
  - b. Current fuel status.
  - c. Time on station.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SAD, SI qualified WD

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606

Ordinance. None.

Range. None.

External Syllabus Support. External C3 agencies and tactical/ support aircraft.

Reference.  
MCWP 3-25.7 TAOC Handbook

WD-3608	8.0	*	B,R	C2 System	L/S
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Goal. Coordinate deep air operations

Requirement. Given a C2 system and operational documents:

1. Coordinate with external C2 agencies for current JIPTL, HVT, HPT and RAGM.
2. Coordinate with external C2 agencies to match available aviation assets with requests.
3. Report Battle Damage Assessment (BDA).

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SAD, SI qualified WD

Prerequisite. 2150, 2600, 2602, 2604, 2606, 3600, 3602

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 3-60, Joint Targetting
2. MCWP 3-25.7, TAOC Handbook
3. MCWP 3-16, Fire Support Coordination in the Ground Combat Element
4. MCWP 3-43.3, Marine Air Ground Task Force Fires
5. MCWP 3-23.2, Deep Air Support

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WD-3610      8.0      1460      B,R,M      E      C2 System      L/S

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Goal. Perform as WD

Requirement. Given a C2 system and operational documents:

1. Conduct a weapons section crew brief.
2. Manage employment of AAW and GBAD assets.
3. Manage HVAA assets.
4. Manage itinerant aircraft traffic.
5. Coordinate deep air operations.
6. Make recommendations on ADWC/WCS/SOA and ROE changes.
7. Ensure emergency procedures are implemented as required.
8. Compile and forward all applicable reports.
9. Maintain a log.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SAD, SI qualified WD

Prerequisite. 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2910, 2940, 2941, 3600, 3602, 3604, 3606, 3608, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. External C3 agencies, tactical/ support aircraft.

Reference.

1. MCWP 3-25.7 TAOC Handbook

10.11.6 Senior Air Director (SAD)

10.11.6.1 Purpose. To train the 7210 in the responsibilities, management and employment of the TAOC which includes and proper planning with TAOC and supporting



sections within the MACS and TAOC employment coordination among agencies within the MACCS.

#### 10.11.6.2 General

Admin Notes. This stage of training may not be conducted until the SD and WD qualifications are attained.

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Crew Requirements. A TAOC or EW/C core skill proficient crew.

SAD-3700	8.0	*	B	C2 System	L
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Goal. Direct emplacement of the TAOC

Requirement. Given a site diagram with notation, 2 TAOC crews, 2 Communication electronics crews, support personnel, and TAOC equipment, direct the following:

1. Emplacement of equipment.
2. Establishment of site security.
3. Camouflage of equipment and site.
4. Emplacement of communications and support equipment

Performance Standard. Emplace a TAOC IAW with the site diagram.

Instructor. SI qualified SAD

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. 7236, S-6, S-4, MT/UT

Reference.

1. MCWP 3-25.7 TAOC Handbook

SAD-3702      8.0      \*      B      L

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Goal.    Brief the TAOC crew

Requirement.    Given operational documents, develop a brief and provide it to the crew.

Performance Standard.    Provide a brief IAW the reference.

Instructor.    SI qualified SAD

Prerequisite.    2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

SAD-3704      24.0    1460    B,R,M      E      C2 System    L/S

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Goal.    Perform the duties of a SAD

Requirement.    Given Commander's guidance, references, supporting documentation, higher, adjacent, and subordinate elements (live, virtual or constructive), manage a crew and associated systems to include the following at a minimum:

1. Conduct mission planning.
2. Conduct a site survey.
3. Coordinate with external agencies.
4. Ensure local emergency contacts (ATC, range control, etc) and procedures are available.
5. Manage communication assets.
6. Conduct crew brief/debrief
7. Supervise the following:
  - a. Communications
  - b. Fidelity drills
  - c. Casualty plan/system restoration
8. Direct and manage crew functions.
9. Maintain logbooks.

Performance Standard.    Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation

requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SAD

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. External C3 agencies, S-6, S-4, MT/UT

Reference.

1. MCWP 3-25.7, TAOC Handbook

#### 10.11.7 Detachment Commander (DETCO)

10.11.7.1 Purpose. To give the 7210 training in Detachment Commander tasks and responsibilities for deploying the TAOC prior to being designated by the Commanding Officer.

#### 10.11.7.2 General

Admin Notes. Training can begin on DETCO events upon successful graduation from ADCOC.

Prerequisite. None

Crew Requirements. None.

DETCO-3800	16.0	*	B	E	L
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Goal. Conduct tactical planning

Requirement. Given a scenario, complete the following:

1. Collect and make available source documentation required for tactical planning.
2. Determine TAOC requirements to support the Commander's guidance.
3. Establish timelines for internal unit planning.
4. Brief the Commander and staff on TAOC operational requirements.
5. Provide guidance to SADs.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation)

requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. WTI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

DETCO-3802 16.0 1460 B,R,M L

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Goal. Provide a confirmation brief

Requirement. Given a scenario, Commander's guidance, mission, required source documentation and support sections (TDS, RADAR, S-1, S-2, S-4, S-6), complete the following:

1. Conduct operational planning.
2. Develop TAOC specific requirements that include:
  - a. Personnel requirements.
  - b. Equipment requirements.
  - c. Equipment density list.
  - d. Bill of materials.
  - e. C2 system emplacement plan.
  - f. RADAR emplacement plan.
  - g. Identify communication requirements.
  - h. Identify utilities requirements.
  - i. Identify logistical requirements.
  - j. Casualty/degradation plan and detailed restoration priorities plan.
3. Develop a plan to move, setup, sustain and safely retrograde TAOC personnel and equipment.
4. Using a CO-approved confirmation brief shell, produce a confirmation brief.

Performance Standard. Brief the instructor. Complete each requirement item IAW the references. Instructor shall review submitted products to ensure they support the scenario and provide feedback. Instructor shall question the trainee during the brief to check for understanding of mission analysis process.

Instructor. WTI

Prerequisite. 2800

Ordnance. None.

Range. None.

External Syllabus Support. TDS, RADAR, S-1, S-2, S-4, S-6

Reference.

1. MCWP 3-25.7, TAOC Handbook

DETCO-3804 8.0 \* B L

Goal. Deploy the TAOC

Requirement. With the aid of references and given an order to deploy, deploy the TAOC.

Performance Standard. Deploy the TAOC.

Instructor. WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

DETCO-3806 8.0 \* B L

Goal. Retrograde the TAOC

Requirement. With the aid of references and given an order to retrograde, retrograde the TAOC.

Performance Standard. Retrograde the TAOC.

Instructor. WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

10.12 CORE PLUS TRAINING (4000)

10.12.1 Purpose. Core Plus Skills are intended to train the individual to utilize the tools, systems and/or procedures which have a low probability of

execution or are theater specific.

10.12.2 General

10.12.2.1 Admin Notes. None.

10.12.2.2 Prerequisite. None.

10.12.2.3 Stages

PAR NO.	STAGE NAME
10.12.3	ACADEMICS (ACAD)
10.12.4	SENIOR AIR DIRECTOR (SAD)
10.12.5	DETACHMENT COMMANDER (DETCO)
10.12.6	COMMAND AND CONTROL SYSTEMS (C2SYS)

10.12.3 ACADEMICS (ACAD)

10.12.3.1 Purpose. To provide the 7210 specific academic knowledge to perform duties that have a low likelihood of occurrence. Academic events are one-time events unless otherwise stated.

10.12.3.2 General

Admin Notes. None.

Prerequisite. None.

Crew Requirements. None.

ACAD-4000    2.0    \*    B    G

Goal. State the characteristics of and terms associated with Link 11B

Requirement. Given the reference:

1. State the general description of Link 11B.
2. State the communications mediums that Link 11B can be transmitted over.
3. State the most common encryption devices used for Link 11B.
4. State the purpose of "strapping," with respect to Link 11B encryption devices.
5. Define the following Link 11B data transmission modes:
  - a. Limited Transmission of Data (LTD) mode.
  - b. Full Transmission of Data (FTD) mode.
6. Define Data Link Reference point, and state typical usage criteria and limitations per the Joint Multi-TDL Operating Procedures.

Performance Standard. Pass an exam.

Instructor. BI qualified DLC, BI qualified SAD, BI qualified SD

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-601\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B

#### 10.12.4 Senior Air Director (SAD)

10.12.4.1 Purpose. To provide the 7210 SAD training for mission requirements that have a low likelihood of occurrence.

#### 10.12.4.2 General

Admin Notes. None.

Prerequisite. None.

Crew Requirements. None.

SAD-4700	3.0	*	B	L
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Goal. Plan for the emplacement of a Theater Missile Defense (TMD) site

Requirement. Given a threat scenario, perform the following:

1. Conduct threat analysis.
2. Develop a recommended emplacement plan for tactical C2 equipment and the AN/TPS-59.
3. State the environmental considerations when employing the AN/TPS-59.
4. State the nine considerations for selecting a RADAR site.
5. State the power following specifications for the AN/TPS-59 RADAR:
  - a. Power requirements.
  - b. Antenna height.
  - c. Required surface area.
  - d. Frequency spectrum and associated band(s).
  - e. Number of shelters.
  - f. Transportability.
  - g. Set up time.
  - h. Crew size for 24 hour operations.
  - i. Mission capabilities.

Performance Standard. Complete the requirement items IAW the references.

Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AN/TPS-59 V3 Technical Manual / TM-07751
2. AN/TPS-59 V3 Employment Manual
3. TMD Operations Manual

SAD-4702      3.0      \*      B      L

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Goal. Plan for the employment of a Theater Missile Defense (TMD) site

Requirement. Given a threat scenario, perform the following:

1. Plan information exchange requirements (IER) for AMD mission and complete an IER matrix which will include the following:
  - a. Agencies that will exchange information.
  - b. Information to be exchanged.
  - c. Medium to exchange the information.
2. Identify data link connectivity.
3. Identify communication requirements in support of the TMD.
4. State RADAR modes appropriate to detect and track missile threat.
5. Submit the IER Matrix to the instructor for evaluation.

Performance Standard. Complete the requirement items IAW the references.

Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AN/TPS-59 V3 Technical Manual
2. AN/TPS-59 V3 Employment Manual
3. TMD Operations Manual

10.12.5 Detachment Commander (DETCO)

10.12.5.1 Purpose. To give the 7210 training in Detachment Commander responsibilities that have a low likelihood of occurrence.

10.12.5.2 General

Admin Notes. Training can begin on DETCO events upon successful graduation from ADCOC.

Prerequisite. Core and mission skill DETCO events.

Crew Requirements. None.



DETCO-4800 4.0 \* B L/S

Goal. Draft a Memorandum of Understanding (MOU)

Requirement. Given the requirement to incorporate non-organic RADAR feeds into the Marine Corps C2 system, complete the following:

1. Identify requirements necessitating a memorandum of understanding (MOU) with external RADAR agency.
2. Identify elements to be included in the MOU, to include at a minimum:
  - a. Maintenance of equipment responsibilities.
  - b. RADAR sharing roles.
3. Coordinate with appropriate sections the execution of MOU provisions.

Performance Standard. Create an MOU for submission to the instructor and brief the instructor on decisions made. The instructor will provide feedback on areas which could be addressed differently.

Instructor. WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Unit SOP

#### 10.12.6 Command and Control Systems (C2SYS)

10.12.6.1 Purpose. To develop proficiency in utilizing the command and control systems used in TAOC operations.

##### 10.12.6.2 General

Prerequisite. None.

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. The table below lists all C2SYS events that are to be completed by personnel, position dependent:

<u>EVENT CODE</u>	<u>EVENT NAME</u>	<u>POSITION</u>	<u>PRE-REQS</u>
C2SYS-4921	Operate C2 Personal Computer (C2PC)	WD	None
C2SYS-4942	Operate Air Defense System Integrator (ADSI)	SD	None

Crew Requirements. None.

### 10.13 INSTRUCTOR UNDER TRAINING (IUT) (5000)

10.13.1 Purpose. To provide position qualified personnel the additional skills necessary to instruct, evaluate and recommend for completion / qualification "trainees" within a crew. Upon completion of the required training, an individual may be considered for instructor designation by the Commanding Officer, WTPP Officer, or direct representative as delineated.

#### 10.13.2 General

10.13.2.1 Prerequisite. None.

#### 10.13.2.2 Admin Notes

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to concepts of managing a WTPP, properly conducting training, performing evaluations, and recommending training plans.

b. There are three instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) Weapons and Tactics Instructor (WTI)

c. The MAWTS-1 C3 Course catalog contains the training requirements for each of the three instructors. The catalog is located at the MAWTS-1 website, <https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/newc3/default.asp>.

d. The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient
SI	Core Skill and Mission Skill events in which current and proficient.
WTI	Mission Skill and Qualification events in which current and proficient. - Evaluate and recommend for qualification - Endorse recommendations for position designations
	The Commanding Officer is the approving authority for qualifications and designations.

10.13.2.3 Stages. The following stages are included in the Instructor Under Training Phase of training.

PAR NO.	STAGE NAME
10.13.3	INSTRUCTOR UNDER TRAINING (IUT)

### 10.13.3 INSTRUCTOR UNDER TRAINING (IUT)

10.13.3.1 Purpose. To train the individual Marine in the skills required to lead a period of instruction.

#### 10.13.3.2 General

Prerequisite. None.

Admin Notes. None.

Crew Requirement. None.

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a T&R event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

### 10.14 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000)

10.14.1 Purpose. This phase provides for community standardization of TAOC position qualifications, combat leadership and instructor designations. This syllabus does not include "one time" certification training.

#### 10.14.2 General

10.14.2.1 Prerequisite. None.

#### 10.14.2.2 Admin Notes

(1) The squadron WTI shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualification or designation recommendations for approval.

(2) Only once an individual is qualified or designated in writing, the signed letter filed in the IPR, and all administrative actions are completed will the qualification or designation be effective.

10.14.2.3 Stages. The following stages are included in this Phase of training.

PAR NO.	STAGE NAME
10.14.3	CERTIFICATIONS (CERT)
10.14.4	QUALIFICATIONS (QUAL)
10.14.5	DESIGNATIONS (DESG)
10.14.6	SCHOOL CODES (SCHL)

10.14.3 Certifications (CERT)

10.14.3.1 Purpose. To provide certifications used within the training of individuals in safety of flight.

10.14.3.2 General

Admin Notes. This is annual training that must be completed by all personnel prior to beginning any live training. This is completed annually or upon transfer to a new unit.

Prerequisite. None.

Crew Requirements. None.

CERT-6175    0.5    365    B,R,M E    L

Goal. Certify in Local Area Familiarization.

Requirement. Complete the training prescribed in LFAM-2150.

Performance Standard. N/A

Prerequisite. 2150

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference. Unit SOP

10.14.4 QUALIFICATIONS (QUAL)

10.14.4.1 Purpose. To qualify personnel in the various TAOC positions as TAOC crewmembers.

10.14.4.2 General

Prerequisite. Complete all prerequisites for qualification and be recommended by a WTI.

Admin Notes. Policy on attaining, maintaining and regaining a qualification is contained in chapter 2 of reference (a).

Crew Requirement. Mission skill proficient TAOC crew

QUAL-6275    0.5    \*    B    L

Goal. Qualify as Surveillance Director (SD)

Requirement. Complete the required training in the SD POI. Be recommended by a WTI to the commanding officer who will approve the qualification in



Instructor. WTI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2704, 2706, 2708, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 3700, 3702, 3704, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

#### 10.14.4 Designations (DESG)

10.14.4.1 Purpose. To provide for the designation of combat leaders and instructors.

#### 10.14.4.2 General

Prerequisite. Complete all designation requirements and be recommended for that designation. However, in the event that a commander deems it necessary to designate someone who has not completed the prerequisite, that person must complete the prerequisite within 6 months from the effective date of designation.

Admin Notes. None.

Crew Requirements. None.

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DESG-6320	0.5	*	B	L
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Goal. Designation as a Basic Instructor (BI)

Requirement. Be recommended for BI designation by a SI or WTI, and designated in writing by the commanding officer.

Performance Standard. N/A

Prerequisite. 5000, 5010, 5020

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

DESG-6321    0.5    \*    \_\_\_\_\_ L

Goal.    Designation as a Senior Instructor (SI)

Requirement.    Be recommended for designation by a SI or WTI, and designated in writing by the commanding officer.

Performance Standard.    N/A

Prerequisite.    5100, 5110, 5120, 5130

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

DESG-6322    0.5    \*    B    \_\_\_\_\_ L

Goal.    Designation as a Weapons and Tactics Instructor (WTI)

Requirement.    Be certified by MAWTS-1 as a WTI and be recommended for designation by the squadron WTI. The commanding officer will designate the WTI in writing.

Performance Standard.    N/A

Prerequisite.    6000

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

DESG-6330    0.5    \*    B    \_\_\_\_\_ L

Goal.    Designation as a Detachment Commander (DETCO)

Requirement.    Be recommended for designation by the WTI and be designated in writing by the commanding officer.

Performance Standard.    N/A

Instructor.    WTI

Prerequisite.    2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062,

2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2704, 2706, 2708, 2800, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 3700, 3702, 3704, 3800, 3802, 3804, 3806, 6175, 6275, 6276, 6277, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

#### 10.14.4 SCHOOL CODES (SCHL)

10.14.4.1 Purpose. To provide tracking codes for required schools and training.

10.14.4.2 General

Prerequisite.

Admin Notes. The following table reflects skill enhancement training available to TAOC Marines:

SCHL CODE	NAME OF COURSE	LOCATION	CID
SCHL-6000	Weapons and Tactics Instructor (WTI)	MCAS Yuma, AZ	M14P2A1
SCHL-6020	Link 16 Basics Course (JT-100)	Joint Knowledge Online (JKO)	
SCHL-6021	Intro to Multi TDL Network (JT-101)	Fort Bragg, NC	N/A
SCHL-6022	Multi-TDL Advanced Joint Interoperability Course (MAJIC) (JT-102)	Fort Bragg, NC	A36L6Z1
SCHL-6023	Link 16 Joint Interoperability Course (US-109)	Joint Knowledge Online (JKO)	N/A
SCHL-6024	Multi TDL Planner Course (JT-201)	Fort Bragg, NC	A05KHY1
SCHL-6025	Link 16 Unit Manager (LUM) Course (JT-220)	Fort Bragg, NC	N/A
SCHL-6026	Joint Interface Control Officer (JICO) (JT-301)	Fort Bragg, NC	N/A
SCHL-6069	USMC AIC Top Gun Ground School	Naval Strike and Air Warfare Center (NSAWC)	N39KYA1

#### 10.15 MISSION ESSENTIAL TASK (MET) PHASE (7000)

10.15.1 Purpose. This phase takes CMMR proficient Marines from multiple PMOS, puts them in CMMR representative crews, and trains them as combat effective teams in combined events.

10.15.2 General



10.15.2.1 Prerequisite. Marines must either be CMMR crew position or non-aviation PMOS proficient to train in this phase. For those events requiring combat leaders, only Marines currently designated as such can train in this phase.

10.15.2.2 Admin Notes. Prerequisites for this phase of training cannot be waived. Multiple events can be trained at the same time as long as separate evaluations are being conducted.

10.15.2.3 Stages. The following stages are included in the Mission Essential Task (MET) Phase of training.

PAR NO.	STAGE NAME
10.15.3	CONDITION (COND)

10.15.3 CONDITION (COND)

10.15.3.1 Purpose. To train unit level teams in executing community specific MET(s) or MET preparatory events.

10.15.3.2 General

Admin Notes. All events in this stage will require the following administrative/operational documents to be identified or created:

1. Letter Of Instruction (LOI)
2. Personnel Roster
3. Bill Of Material (BOM)
4. Equipment Density List (EDL)

Prerequisite. If an event requires prerequisites in addition to those listed for the MET Phase, they will be covered in the individual event.

Crew Requirements. This stage requires that all crew members and combat leaders be qualified/designated and proficient (current) in the position they are assigned for the following events. Crews shall be task organized to meet the mission.

COND-7500    50.0    365    B,R,M    C2 System    L/S

Goal. Employ a TAOC.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL), Commander's guidance, and an operation plan's initiating order, employ a TAOC to include the following:

1. Conduct Mission Analysis.
2. Review Operational Planning Documents.
3. Identify required support personnel.
4. Identify equipment requirements.
5. Conduct an RSOP.
6. Identify, create, and finalize administrative documents supporting the operation.
7. Coordinate with external agencies.

8. Conduct embarkation, and retrograde of personnel and equipment.
9. Maintain accountability of personnel.
10. Conduct TAOC operations.
10. Conduct crew evaluations.
12. Compile After-Action items.

Performance Standard. Perform the requirement items listed and conduct TAOC operations during a real world operation or training simulation.

Instructor. WTI

Prerequisite. Minimum of two CMMR TAOC Crews

Ordinance. None.

Range. Range space capable of hosting itinerant air traffic, combat air patrols, air-to-air refueling tracks, HVAA tracks

External Syllabus Support. TAOC Detachment Commander and representatives from the S-1, S-2, S-3, S-4, S-6. Live execution will require specific T/M/S aviation assets.

Reference.

1. U-TAOC-PCL-03862, Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. Squadron SOP

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COND-7505    10.0    365    B,R,M    L/S

Goal. Conduct a Reconnaissance, Selection, and Occupation of Position (RSOP) for the TAOC.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL) and an operation plan's initiating order, conduct a RSOP for TAOC operations to include the following:

1. Conduct a Map Survey selecting primary and alternate sites.
2. Identify environmental concerns that may affect TAOC communication.
3. Coordinate with higher to provide TAOC requirements.
4. Coordinate site security, camouflage, dispersion, and trafficability.
5. Identify locations for emplacement of communications and support equipment.
6. Coordinate priorities for equipment emplacement.
7. Identify echelon considerations.
8. Identify Advanced Party/RSOP Team.
9. Occupy the site.
10. Emplace the TAOC.

Performance Standard. Perform the requirement items. The RSOP team will be prepared to discuss decisions/actions.

Instructor. C3 WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. TAOC Detachment Commander, TAOC Crew Chief, security team, Representatives from the S-2, S-4, S-6

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. Squadron SOP

10.16 AVIATION CAREER PROGRESSION MODEL (8000)

10.16.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

Marine Air Command and Control System (MACCS)  
Aviation Ground Support  
Joint Air Operations  
ACE Battle Staff  
MAGTF  
Seabased Operations  
Combatant Commander Organizations

10.16.2 General

(1) The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

(2) ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

(3) MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/newc3/default.aspx>

(4) Completed events shall be manually logged and tracked in M-SHARP.

(5) ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	<b>MACCS</b>		1	2000 PHASE
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM		4	2000 PHASE
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)		4	2000 PHASE
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)		4	2000 PHASE
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)		4	2000 PHASE
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)		4	2000 PHASE
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)		4	2000 PHASE
ACPM	8007	Marine Unmanned Aerial Vehicle Squadron (VMU)		4	2000 PHASE
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)		4	2000 PHASE
ACPM	8020	<b>ACE</b>		1	2000 PHASE
ACPM	8021	AVIATION OPERATIONS		4	2000 PHASE
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		4	2000 PHASE
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)		4	2000 PHASE
ACPM	8024	ASSAULT SUPPORT		4	2000 PHASE
ACPM	8025	AIR RECONNAISSANCE		4	2000 PHASE
ACPM	8026	ELECTRONIC WARFARE		4	2000 PHASE
ACPM	8027	ANTI-AIR WARFARE		4	2000 PHASE
ACPM	8028	AVIATION GROUND SUPPORT		4	2000 PHASE
ACPM	8040	<b>THREAT</b>		1	2000 PHASE
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8042	FIXED WING THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8060	<b>MAGTF</b>		1	2000 PHASE
ACPM	8061	GROUND COMBAT OPERATIONS		4	2000 PHASE
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	2000 PHASE
ACPM	8063	MAGTF COMMAND AND CONTROL		4	2000 PHASE
ACPM	8064	MAGTF COMMUNICATIONS		4	2000 PHASE
ACPM	8065	PHASING CONTROL ASHORE		4	2000 PHASE
ACPM	8066	INFORMATION MANAGEMENT		4	2000 PHASE
ACPM	8067	UAS SUPPORT OF THE MAGTRF		4	2000 PHASE
ACPM	8080	<b>JOINT AIR OPERATIONS</b>		1	3000 PHASE
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	3000 PHASE
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	3000 PHASE
ACPM	8083	JOINT FIRE SUPPORT		4	3000 PHASE
ACPM	8084	CLOSE AIR SUPPORT		4	3000 PHASE
ACPM	8085	JOINT TARGETING		4	3000 PHASE
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000 PHASE
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000 PHASE
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000 PHASE
TOTAL ACPM STAGE			40	145	

## 10.17 T&amp;R ATTAIN AND MAINTAIN TABLES

TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
CORE SKILL (2000 Phase)											
Define combat identification	ACAD	2000	*	ACAD	2000					-	-
State the purpose of Interface Coordination	ACAD	2002	*	ACAD	2002					-	-
Define terms associated with Link 11	ACAD	2004	*	ACAD	2004					-	-
Define terms associated with Link 16	ACAD	2006	*	ACAD	2006					-	-
State the characteristics of Tactical Data Links	ACAD	2008	*	ACAD	2008					-	-
Define terms associated with Joint Range Extension Application Protocol (JREAP)	ACAD	2010	*	ACAD	2010					-	-
State the background characteristics of JREAP	ACAD	2012	*	ACAD	2012					-	-
Know the types and purpose of data filters	ACAD	2014	*	ACAD	2014					-	-
Explain the troubleshooting theory	ACAD	2016	*	ACAD	2016					-	-
Define the characteristics of Cooperative Engagement Capability (CEC)	ACAD	2018	*	ACAD	2018					-	-
Identify the characteristics, capabilities and limitations of the Communications Subsystem (CS)	ACAD	2020	*	ACAD	2020					-	-
Identify TAOC communication capabilities	ACAD	2022	*	ACAD	2022					-	-
Define TAOC radio terms	ACAD	2024	*	ACAD	2024					-	-
Identify the purpose of the positions that make up the Air Defense Command Structure	ACAD	2026	*	ACAD	2026					-	-
State the purpose and intent of Rules of Engagement (ROE)	ACAD	2028	*	ACAD	2028					-	-
Define Joint Theater Missile Defense	ACAD	2030	*	ACAD	2030					-	-
Describe aviation operational documents	ACAD	2034	*	ACAD	2034					-	-
Define characteristics of Aviation Ordnance	ACAD	2036	*	ACAD	2036					-	-
Define the characteristics of the Phased Array Tracking Intercept of Target (Patriot) system and how it integrates into an IADS	ACAD	2038	*	ACAD	2038					-	-
State the characteristics of Navy and USMC Aircraft	ACAD 1	2050	*	ACAD 1	2050					-	-
State the employment considerations for Navy and USMC Aircraft	ACAD 1	2052	*	ACAD 1	2052					-	-
Describe the capabilities of US Air-to-Air Weapons	ACAD 1	2054	*	ACAD 1	2054					-	-

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Describe Air Defense terminology	ACAD 1	2056	*	ACAD 1	2056					-	-
Define the following words and concepts	ACAD 1	2058	*	ACAD 1	2058					-	-
Identify formations	ACAD 1	2060	*	ACAD 1	2060					-	-
Identify fighter maneuvers	ACAD 1	2062	*	ACAD 1	2062					-	-
Define communication calls	ACAD 1	2064	*	ACAD 1	2064					-	-
Define Air Intercept Control Communication Terms	ACAD 1	2066	*	ACAD 1	2066					-	-
State the capabilities and limitations of U.S. Air Force Aircraft	ACAD 2	2100	*	ACAD 2	2100					-	-
State the employment considerations for U.S. Air Force Aircraft	ACAD 2	2102	*	ACAD 2	2102					-	-
State the capabilities and limitations of Threat Aircraft	ACAD 2	2104	*	ACAD 2	2104					-	-
Define Threat Missile Terms	ACAD 2	2106	*	ACAD 2	2106					-	-
State the capabilities and limitations of threat missiles	ACAD 2	2108	*	ACAD 2	2108					-	-
State employment considerations for threat missiles	ACAD 2	2110	*	ACAD 2	2110					-	-
Define categories of threat missiles	ACAD 2	2112	*	ACAD 2	2112					-	-
Define fighter support concepts and their purpose	ACAD 2	2116	*	ACAD 2	2116					-	-
State the two types of fighter support concepts and their purpose	ACAD 2	2118	*	ACAD 2	2118					-	-
State the mission planning factors associated with defensive tactics	ACAD 2	2120	*	ACAD 2	2120					-	-
State timelines an FA-18 Hornet can be expected to employ	ACAD 2	2122	*	ACAD 2	2122					-	-
State the intercept geometries	ACAD 2	2124	*	ACAD 2	2124					-	-
State how targeting contracts differ based on Acceptable Levels of Risk (ALR)	ACAD 2	2126	*	ACAD 2	2126					-	-
State standard N/GTD targeting for a section of fighters	ACAD 2	2128	*	ACAD 2	2128					-	-

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
State how an FA-18 conducts a Visual Identification (VID) based on defensive tactics	ACAD 2	2130	*	ACAD 2	2130					-	-
State the delouse options available to Strike Fighter Aircrew	ACAD 2	2132	*	ACAD 2	2132					-	-
Describe when AIC actions will be taken with associated AIC terms	ACAD 2	2134	*	ACAD 2	2134					-	-
State the significance of the maneuvers	ACAD 2	2136	*	ACAD 2	2136					-	-
Brief local restricted areas	LFAM	2150	365	LFAM	2150	LFAM	2150	LFAM	2150	-	-
Develop RADAR coverage diagram	SD	2300	*	SD	2300	SD	2300			2150	-
Develop communication requirements for the surveillance section	SD	2302	1095	SD	2302	SD	2302	SD	2302	2020, 2022, 2024, 2150	-
Conduct EW planning	SD	2304	*	SD	2304					2036, 2150	-
Maximize organic RADAR performance	SD	2306	*	SD	2306	SD	2306			2000, 2150, 2300	-
Extract tactical interface data link planning requirements	SD	2308	*	SD	2308					2002, 2004, 2006, 2008, 2010, 2012, 2014, 2150	-
Conduct Composite Tracking Network employment planning	SD	2310	*	SD	2310					2150	-
Observe AIC functions for a section of fighter aircraft using N/GTD	AFAM	2500	*	AFAM	2500					2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	-
Observe AIC functions for a section of fighter aircraft using DTD	AFAM	2502	*	AFAM	2502	AFAM	2502			2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	-

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Observe AIC functions for a section of fighter aircraft against unknown threat	AFAM	2504	*	AFAM	2504	AFAM	2504			2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	
Observe AIC functions for a division of fighter aircraft performing NTD	AFAM	2564	*	AFAM	2564					2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	-
Observe AIC functions for a division of fighter aircraft performing DTD/FT	AFAM	2566	*	AFAM	2566					2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2500, 2502, 2504, 2564	-
Conduct threat analysis	WD	2600	*	WD	2600	WD	2600			2150	-
Conduct air defense planning	WD	2602	*	WD	2602	WD	2602			2150	
Conduct airspace management planning	WD	2604	*	WD	2604					2150	
Conduct deep air operations planning	WD	2606	*	WD	2606					2150, 2604	



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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct mission planning	SAD	2700	*	SAD	2700	SAD	2700			2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct a site survey	SAD	2702	*	SAD	2702	SAD	2702			2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Prepare a plan for TAOC displacement operations	SAD	2704	*	SAD	2704					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Prepare a plan for Phasing Control Ashore	SAD	2706	*	SAD	2706					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Create and supervise the conduct of a TAOC simulation	SAD	2708	*	SAD	2708					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-
Develop a plan for the employment of the TAOC	DETCO	2800	*	DETCO	2800					-	-
Use the Execution Status and Monitoring (ESTAT) tool	C2SYS	2910	*	C2SYS	2910					-	-
Set up and establish communications utilizing tactical chat	C2SYS	2940	*	C2SYS	2940					-	-
Operate Web Development Software (i.e. SharePoint)	C2SYS	2941	*	C2SYS	2941					-	-
Operate the Joint Range Extension Gateway	C2SYS	2943	*	C2SYS	2943					-	-
MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION	BASIC POI					REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
State the responsibilities for, planning, and operating procedures for the Multi-Link Interface	ACAD	3000	1460	ACAD	3000	ACAD	3000	ACAD	3000	-	-
Brief the Surveillance section	SD	3300	1095	SD	3300	SD	3300	SD	3300	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 3000	-
Perform as a SD	SD	3302	1095	SD	3302	SD	3302	SD	3302	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2940, 2941, 2943, 3300, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044	-
Brief the weapons section	WD	3600	1460	WD	3600	WD	3600	WD	3600	2150, 2600, 2602, 2604, 2606	-
Perform airspace management	WD	3602	*	WD	3602	WD	3602			2150, 2600, 2602, 2604, 2606, 3600	-
Manage aerial refueling	WD	3604	*	WD	3604					2150, 2600, 2602, 2604, 2606	-
Manage combat air patrol(s)	WD	3606	*	WD	3606					2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606	-
Coordinate deep air operations	WD	3608	*	WD	3608	WD	3608			2150, 2600, 2602, 2604, 2606, 3600, 3602	-

TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform as WD	WD	3610	1460	WD	3610	WD	3610	WD	3610	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2910, 2940, 2941, 3600, 3602, 3604, 3606, 3608, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-
Direct emplacement of the TAOC	SAD	3700	*	SAD	3700					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Brief the TAOC crew	SAD	3702	*	SAD	3702					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-



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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform the duties of a SAD	SAD	3704	1460	SAD	3704	SAD	3704	SAD	3704	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Conduct tactical planning	DETCO	3800	*	DETCO	3800					-	-
Provide a confirmation brief	DETCO	3802	1460	DETCO	3802	DETCO	3802	DETCO	3802	2800	-
Deploy the TAOC	DETCO	3804	*	DETCO	3804					-	-
Retrograde the TAOC	DETCO	3806	*	DETCO	3806					-	-
CORE PLUS SKILL (4000 Phase)											
T&R EVENT INFORMATION	BASIC POI					REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
State the characteristics of and terms associated with Link 11B	ACAD	4000	*	ACAD	4000					-	-
Plan for the emplacement of a Theater Missile Defense (TMD) site	SAD	4700	*	SAD	4700					-	-

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TAOC MOS 7210											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Plan for the employment of a Theater Missile Defense (TMD) site	SAD	4702	*	SAD	4702					-	-
Draft a Memorandum of Understanding (MOU)	DETCO	4800	*	DETCO	4800					-	-
Operate C2 Personal Computer (C2PC)	C2SYS	4921	*	C2SYS	4921					-	-
Operate Air Defense System Integrator (ADSI)	C2SYS	4942	*	C2SYS	4942					-	-

## 10.18 T&amp;R SYLLABUS MATRIX

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
AIR SCHOOL (AIRS)																			
AIRS	1000	Explain the fundamentals of Aviation Command and Control (Air C2) employment	B	E	G	-	-	-	*		0		0		0	-	-	-	-
AIRS	1200	Identify characteristics of the Marine Air Command and Control System (MACCS)	B	E	G	-	-	-	*		0		0		0	-	-	-	-
AIRS	1202	Identify characteristics of the Marine Air Control System (MACS)	B	E	G	-	-	-	*		0		0		0	-	-	-	1000
AIRS	1204	Identify characteristics of Aircraft	B	E	G	-	-	-	*		0		0		0	-	-	-	-
AIRS	1206	Configure Tactical Air Operations Center (TAOC) platforms for operations	B	E	G	-	-	-	*		0		0		0	-	-	-	1010
AIRS	1208	Operate TAOC voice communications equipment	B	E	G	-	-	-	*		0		0		0	-	-	-	1020
AIRS	1210	Operate Command, Control, Communications, Computer and Intelligence (C4I) systems	B	E	G	-	-	-	*		0		0		0	-	-	-	1030
AIRS	1212	Perform surveillance functions	B	E	G	-	-	-	*		0		0		0	-	-	-	1040
AIRS	1214	Operate Link 11	B	E	G	-	-	-	*		0		0		0	-	-	-	1050
AIRS	1216	Operate Link 16	B	E	G	-	-	-	*		0		0		0	-	-	-	1070
AIRS	1218	Operate a Beyond Line of Site (BLOS) gateway	B	E	G	-	-	-	*		0		0		0	-	-	-	1080
AIRS	1220	Establish a workstation for Traffic functions	B	E	G	-	-	-	*		0		0		0	-	-	-	1100

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
AIRS	1222	Perform Airspace Management functions	B	E	G	-	-	-	*		0		0		0	-	-	-	-
AIRS	1224	Perform Deep Air Operations Management functions	B	E	G	-	-	-	*		0		0		0	-	-	-	-
AIRS	1226	Perform air defense weapons control management functions	B	E	G	-	-	-	*		0		0		0	-	-	-	1090
TOTAL AIR SCHOOL (AIRS) STAGE										15	0	0	0	0	0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ACADEMICS (ACAD)																			
ACAD	2000	Define combat identification	B	E	G	-	-	-	*		2		0		0	-	-	-	2004
ACAD	2002	State the purpose of Interface Coordination	B	E	G	-	-	-	*		1		0		0	-	-	-	2005
ACAD	2004	Define terms associated with Link 11	B	E	G	-	-	-	*		2		0		0	-	-	-	2009
ACAD	2006	Define terms associated with Link 16	B	E	G	-	-	-	*		2		0		0	-	-	-	2008
ACAD	2008	State the characteristics of Tactical Data Links	B	E	G	-	-	-	*		2		0		0	-	-	-	2008, 2009
ACAD	2010	Define terms associated with Joint Range Extension Application Protocol (JREAP)	B	E	G	-	-	-	*		2		0		0	-	-	-	-
ACAD	2012	State the background characteristics of JREAP	B	E	G	-	-	-	*		2		0		0	-	-	-	2006
ACAD	2014	Know the types and purpose of data filters	B	E	G	-	-	-	*		1		0		0	-	-	-	2012
ACAD	2016	Explain the troubleshooting theory	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD	2018	Define the characteristics of Cooperative Engagement Capability (CEC)	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD	2020	Identify the characteristics, capabilities and limitations of the Communications Subsystem (CS)	B	E	G	-	-	-	*		1.5		0		0	-	-	-	-
ACAD	2022	Identify TAOC communication capabilities	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD	2024	Define TAOC radio terms	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD	2026	Identify the purpose of the positions that make up the Air Defense Command Structure	B	E	G	-	-	-	*		0.5		0		0	-	-	-	2022
ACAD	2028	State the purpose and intent of Rules of Engagement (ROE)	B	E	G	-	-	-	*		2		0		0	-	-	-	2046
ACAD	2030	Define Joint Theater Missile Defense	B	E	G	-	-	-	*		1		0		0	-	-	-	2021
ACAD	2034	Describe aviation operational documents	B	E	G	-	-	-	*		1		0		0	-	-	-	2011, 2023

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
ACAD	2036	Define characteristics of Aviation Ordnance	B	E	G	-	-	-	*		1		0		0	-	-	-	2024
ACAD	2038	Define the characteristics of the Phased Array Tracking Intercept of Target (Patriot) system and how it integrates into an IADS	B	E	G	-	-	-	*		2		0		0	-	-	-	-
TOTAL ACADEMICS (ACAD) STAGE										19	27	0	0	0	0				
ACADEMICS 1 (ACAD1)																			
ACAD 1	2050	State the characteristics of Navy and USMC Aircraft	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 1	2052	State the employment considerations for Navy and USMC Aircraft	B	E	G	-	-	-	*		1.5		0		0	-	-	-	-
ACAD 1	2054	Describe the capabilities of US Air-to-Air Weapons	B	E	G	-	-	-	*		1.5		0		0	-	-	-	-
ACAD 1	2056	Describe Air Defense terminology	B	E	G	-	-	-	*		2		0		0	-	-	-	-
ACAD 1	2058	Define the following words and concepts	B	E	G	-	-	-	*		4		0		0	-	-	-	-
ACAD 1	2060	Identify formations	B	E	G	-	-	-	*		4		0		0	-	-	-	-
ACAD 1	2062	Identify fighter maneuvers	B	E	G	-	-	-	*		4		0		0	-	-	-	-
ACAD 1	2064	Define communication calls	B	E	G	-	-	-	*		2		0		0	-	-	-	-
ACAD 1	2066	Define Air Intercept Control Communication Terms	B	E	G	-	-	-	*		2		0		0	-	-	-	2025
TOTAL ACADEMICS 1 (ACAD1) STAGE										9	22	0	0	0	0				
ACADEMICS 2 (ACAD2)																			
ACAD 2	2100	State the capabilities and limitations of U.S. Air Force Aircraft	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2102	State the employment considerations for U.S. Air Force Aircraft	B	E	G	-	-	-	*		1.5		0		0	-	-	-	-
ACAD 2	2104	State the capabilities and limitations of Threat Aircraft	B	E	G	-	-	-	*		3		0		0	-	-	-	-
ACAD 2	2106	Define Threat Missile Terms	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2108	State the capabilities and limitations of threat missiles	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2110	State employment considerations for threat missiles	B	E	G	-	-	-	*		1		0		0	-	-	-	-

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
ACAD 2	2112	Define categories of threat missiles	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2116	Define fighter support concepts and their purpose	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2118	State the two types of fighter support concepts and their purpose	B	E	G	-	-	-	*		0.5		0		0	-	-	-	-
ACAD 2	2120	State the mission planning factors associated with defensive tactics	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2122	State timelines an FA-18 Hornet can be expected to employ	B	E	G	-	-	-	*		2		0		0	-	-	-	-
ACAD 2	2124	State the intercept geometries	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2126	State how targeting contracts differ based on Acceptable Levels of Risk (ALR)	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2128	State standard N/GTD targeting for a section of fighters	B	E	G	-	-	-	*		2		0		0	-	-	-	-
ACAD 2	2130	State how an FA-18 conducts a Visual Identification (VID) based on defensive tactics	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2132	State the delouse options available to Strike Fighter Aircrew	B	E	G	-	-	-	*		1		0		0	-	-	-	-
ACAD 2	2134	Describe when AIC actions will be taken with associated AIC terms	B	E	G	-	-	-	*		2		0		0	-	-	-	-
ACAD 2	2136	State the significance of the maneuvers	B	E	G	-	-	-	*		1		0		0	-	-	-	-
TOTAL ACADEMICS 2 (ACAD2) STAGE										18	23	0	0	0	0				
LOCAL AREA FAMILIARIZATION (LFAM)																			
LFAM	2150	Brief local restricted areas	B,R,M	-	L	-	-	-	365		0		0		5	-	-	-	-
TOTAL LOCAL AREA FAMILIARIZATION (LFAM) STAGE										0	0	0	0	1	5				
SURVEILLANCE DIRECTOR (SD) STAGE																			
SD	2300	Develop RADAR coverage diagram	B,R	-	L	-	-	-	*		0		0		8	2150	-	-	2100
SD	2302	Develop communication requirements for the surveillance section	B,R,M	-	L	-	-	-	1095		0		0		8	2020, 2022, 2024, 2150	-	-	-
SD	2304	Conduct EW planning	B	-	L/S	-	-	-	*		0		0		8	2036, 2150	-	-	-
SD	2306	Maximize organic RADAR performance	B,R	-	L/S	-	-	-	*		0		0		2	2000, 2150, 2300	-	-	2102

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SD	2308	Extract tactical interface data link planning requirements	B	-	S/L	-	-	-	*		0		3		0	2002, 2004, 2006, 2008, 2010, 2012, 2014, 2150	-	-	-
SD	2310	Conduct Composite Tracking Network employment planning	B	-	S/L	-	-	-	*		0		3		0	2150	-	-	-
TOTAL SURVEILLANCE DIRECTOR (SD) STAGE										0	0	2	6	4	26				
AIR INTERCEPT FAMILIARIZATION (AFAM) STAGE																			
AFAM	2500	Observe AIC functions for a section of fighter aircraft using N/GTD	B	-	S	-	-	-	*		0		3		0	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	-	-	2402, 4000
AFAM	2502	Observe AIC functions for a section of fighter aircraft using DTD	B,R	-	S	-	-	-	*		0		3		0	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	-	-	2402, 2404, 4100
AFAM	2504	Observe AIC functions for a section of fighter aircraft against unknown threat	B,R	-	S	-	-	-	*		0		3		0	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136			2404
AFAM	2564	Observe AIC functions for a division of fighter aircraft performing NTD	B	-	S	-	-	-	*		0		3		0	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136	-	-	2403, 4101

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
AFAM	2566	Observe AIC functions for a division of fighter aircraft performing DTD/FT	B	-	S	-	-	-	*		0		3		0	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2500, 2502, 2504, 2564	-	-	2403, 4105
TOTAL AIR INTERCEPT FAMILIARIZATION (AFAM) STAGE										0	0	5	15	0	0				
WEAPONS DIRECTOR (WD) STAGE																			
WD	2600	Conduct threat analysis	B,R	-	S/L	-	-	-	*		0		8		0	2150	-	-	2100
WD	2602	Conduct air defense planning	B,R	-	L	-	-	-	*		0		0		8	2150	-	-	2300
WD	2604	Conduct airspace management planning	B	-	L	-	-	-	*		0		0		8	2150	-	-	2222
WD	2606	Conduct deep air operations planning	B	-	L	-	-	-	*		0		0		8	2150, 2604	-	-	4200
TOTAL WEAPONS DIRECTOR (WD) STAGE										0	0	1	8	3	24				

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
					TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SENIOR AIR DIRECTOR (SAD) STAGE																			
SAD	2700	Conduct mission planning	B,R	-	L	-	-	-	*		0		0		8	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	2400



TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SAD	2702	Conduct a site survey	B,R	-	L	-	-	-	*		0		0		2	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	2401

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SAD	2704	Prepare a plan for TAOC displacement operations	B	-	S/L	-	-	-	*		0		1.5		0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SAD	2706	Prepare a plan for Phasing Control Ashore	B	-	S/L	-	-	-	*		0		1		0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SAD	2708	Create and supervise the conduct of a TAOC simulation	B	-	S	-	-	-	*		0		80		0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-
TOTAL SENIOR AIR DIRECTOR (SAD) STAGE										0	0	3	82.5	2	10				
DETACHMENT COMMANDER (DETCO) STAGE																			
DETCO	2800	Develop a plan for the employment of the TAOC	B	E	L	-	-	-	*		0		0		16	-	-	-	-
TOTAL DETACHMENT COMMANDER (DETCO) STAGE										0	0	0	0	1	16				
COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE																			
C2SYS	2910	Use the Execution Status and Monitoring (ESTAT) tool	B	-	L	-	-	-	*		0		0		2	-	-	-	2910
C2SYS	2940	Set up and establish communications utilizing tactical chat	B	-	L	-	-	-	*		0		0		1	-	-	-	2940
C2SYS	2941	Operate Web Development Software (i.e. SharePoint)	B	-	L	-	-	-	*		0		0		4	-	-	-	2941
C2SYS	2943	Operate the Joint Range Extension Gateway	B	-	L	-	-	-	*		0		0		3	-	-	-	-
TOTAL COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE										0	0	0	0	4	10				

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
										#	TIME	#	TIME	#	TIME				
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
TOTAL CORE SKILL PHASE (2000 PHASE)									27	45	11	111.5	15	91					
MISSION SKILL TRAINING (3000 PHASE EVENTS)																			
ACADEMICS (ACAD)																			
ACAD	3000	State the responsibilities for, planning, and operating procedures for the Multi-Link Interface	B,R,M	E	G	-	-	-	1460		6		0		0	-	-	-	
TOTAL ACADEMICS (ACAD) STAGE									1	6	0	0	0	0					
SURVEILLANCE DIRECTOR (SD) STAGE																			
SD	3300	Brief the Surveillance section	B,R,M	-	L	-	-	-	1095		0		0		8	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 3000	-	-	2106
SD	3302	Perform as a SD	B,R,M	E	L	-	-	-	1095		0		0		12	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2940, 2941, 2943, 3300, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044	-	-	3100
TOTAL SURVEILLANCE DIRECTOR (SD) STAGE									0	0	0	0	2	20					
WEAPONS DIRECTOR (WD) STAGE																			
WD	3600	Brief the weapons section	B,R,M	-	L	-	-	-	1460		0		0		8	2150, 2600, 2602, 2604, 2606	-	-	-
WD	3602	Perform airspace management	B,R	-	L/S	-	-	-	*		0		0		8	2150, 2600, 2602, 2604, 2606, 3600	-	-	3200
WD	3604	Manage aerial refueling	B	-	L/S	-	-	-	*		0		0		8	2150, 2600, 2602, 2604, 2606	-	-	3200

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
WD	3606	Manage combat air patrol(s)	B	-	L/S	-	-	-	*		0		0		8	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606	-	-	-
WD	3608	Coordinate deep air operations	B,R	-	L/S	-	-	-	*		0		0		8	2150, 2600, 2602, 2604, 2606, 3600, 3602	-	-	4201
WD	3610	Perform as WD	B,R,M	E	L/S	-	-	-	1460		0		0		8	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2910, 2940, 2941, 3600, 3602, 3604, 3606, 3608, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-
TOTALWEAPONS DIRECTOR (WD) STAGE										0	0	0	0	6	48				

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SENIOR AIR DIRECTOR (SAD) STAGE																			
SAD	3700	Direct emplacement of the TAOC	B	-	L	-	-	-	*		0		0		8	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SAD	3702	Brief the TAOC crew	B	-	L	-	-	-	*		0		0		8	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	3400



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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SAD	3704	Perform the duties of a SAD	B,R,M	E	L	-	-	-	1460		0		0		24	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	3400
TOTAL SENIOR AIR DIRECTOR (SAD) STAGE										0	0	0	0	3	24				
DETACHMENT COMMANDER (DETCO) STAGE																			
DETCO	3800	Conduct tactical planning	B	E	L	-	-	-	*		0		0		16	-	-	-	
DETCO	3802	Provide a confirmation brief	B,R,M	-	L	-	-	-	1460		0		0		16	2800	-	-	
DETCO	3804	Deploy the TAOC	B	-	L	-	-	-	*		0		0		8	-	-	-	
DETCO	3806	Retrograde the TAOC	B	-	L	-	-	-	*		0		0		8	-	-	-	
TOTAL DETACHMENT COMMANDER (DETCO) STAGE										0	0	0	0	2	48				
TOTAL MISSION SKILL PHASE (3000 PHASE)										1	6	0	0	13	140				
CORE PLUS SKILL TRAINING (4000 PHASE EVENTS)																			
ACADEMICS (ACAD) STAGE																			
ACAD	4000	State the characteristics of and terms associated with Link 11B	B	-	L	-	-	-	*		2		0		0	-	-	2010	
TOTAL ACADEMICS (ACAD) STAGE										1	2	0	0	0	0				

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SENIOR AIR DIRECTOR (SAD) STAGE																			
SAD	4700	Plan for the emplacement of a Theater Missile Defense (TMD) site	B	-	L	-	-	-	*		0		0		3	-	-	-	
SAD	4702	Plan for the employment of a Theater Missile Defense (TMD) site	B	-	L	-	-	-	*		0		0		3	-	-	2105	
TOTAL SENIOR AIR DIRECTOR (SAD) STAGE										0	0	0	0	2	6				
DETACHMENT COMMANDER (DETCO) STAGE																			
DETCO	4800	Draft a Memorandum of Understanding (MOU)	B	-	L/S	-	-	-	*		0		0		4	-	-	-	
TOTAL DETACHMENT COMMANDER (DETCO) STAGE										0	0	0	0	1	4				
COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE																			
C2SYS	4921	Operate C2 Personal Computer (C2PC)	B	-	L	-	-	-	*		0		0		4	-	-	-	
C2SYS	4942	Operate Air Defense System Integrator (ADSI)	B	-	L	-	-	-	*		0		0		4	-	-	-	
TOTAL COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE										0	0	0	0	2	8				
TOTAL CORE PLUS SKILL PHASE (4000 PHASE)										1	2	0	0	5	18				
TOTAL 2000, 3000, AND 4000 PHASE										29	53	11	111.5	33	249				
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																			
INSTRUCTOR UNDER TRAINING (IUT)																			
BASIC INSTRUCTOR (BI)																			
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*		0		0		2	Recommended by SI or WTI	-	-	5000
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*		0		0		1	Recommended by SI or WTI	-	-	5010
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*		0		0		2	Recommended by SI or WTI	-	-	5020
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5				
SENIOR INSTRUCTOR (SI)																			
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	5100
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	5110
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	5120
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365		0		0		2	5000, 5010, 5020, 6320	-	-	5130
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8				
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	7	13				
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																			
LICENSE TRACKING CODES (LIC)																			
CERT	6175	Certified in Local Area Fam	B,R,M	E	L	-	-	L	365		0		0		0.5	2150	-	-	-
TOTAL LICENSE TRACKING CODES (LIC)										0	0	0	0	1	0.5				

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
QUALIFICATIONS (QUAL)																			
QUAL	6275	Qualify as Surveillance Director (SD)	B	-	L	-	-	L	*		0		0		0.5	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2036, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2940, 2941, 2943, 3000, 3300, 3302, 6175, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044	-	-	6100
QUAL	6276	Qualify as Weapons Director (WD)	B	-	L	-	-	L	*		0		0		0.5	2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2910, 2940, 2941, 3600, 3602, 3604, 3606, 3608, 3610, 6175, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
QUAL	6277	Qualify as a Senior Air Director (SAD)	B	-	L	-	-	L	*		0		0		0.5	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2704, 2706, 2708, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 3700, 3702, 3704, 6175, 6275, 6276, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	-
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	3	1.5				
DESIGNATIONS (DESG)																			
DESG	6320	Designation as Basic Instructor (BI)	B	-	L	-	-	L	*		0		0		0.5	5000, 5010, 5020			6240
DESG	6321	Designation as Senior Instructor (SI)	B	-	L	-	-	L	*		0		0		0.5	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320			6241
DESG	6322	Designation as Weapons and Tactics Instructor (WTI)	B	-	L	-	-	L	*		0		0		0.5	6000			6242

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TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
DESG	6330	Designation as a Detachment Commander (DETCO)	B	-	L	-	-	L	*		0		0		0.5	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2020, 2022, 2024, 2026, 2028, 2034, 2036, 2038, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2300, 2302, 2304, 2306, 2308, 2310, 2500, 2502, 2504, 2564, 2566, 2600, 2602, 2604, 2606, 2700, 2702, 2704, 2706, 2708, 2800, 2940, 2941, 2943, 3000, 3300, 3302, 3600, 3602, 3604, 3606, 3608, 3610, 3700, 3702, 3704, 3800, 3802, 3804, 3806, 6175, 6275, 6276, 6277, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088			
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	7	2				
SCHOOL CODES (SCHL)																			
SCHL	6000	Weapons and Tactics Instructor (WTI)	B	-	G	-	-	-	*		0		0		0	-	-	-	
SCHL	6020	Link 16 Basics Course (JT-100)	B	-	G	-	-	-	*		0		0		0	-	-	-	
SCHL	6021	Intro to Multi TDL Network (JT-101)	B	-	G	-	-	-	*		0		0		0	-	-	-	

TAOC MOS 7210 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPT			#	TIME	#	TIME	#	TIME				
SCHL	6022	Multi-TDL Advanced Joint Interoperability Course (MAJIC) (JT-102)	B	-	G	-	-	-	*		0		0		0	-	-	-	-
SCHL	6023	Link 16 Joint Interoperability Course (US-109)	B	-	G	-	-	-	*		0		0		0	-	-	-	-
SCHL	6024	Multi TDL Planner Course (JT-201)	B	-	G	-	-	-	*		0		0		0	-	-	-	-
SCHL	6025	Link 16 Unit Manager (LUM) Course (JT-220)	B	-	G	-	-	-	*		0		0		0	-	-	-	-
SCHL	6026	Joint Interface Control Officer (JICO) (JT-301)	B	-	G	-	-	-	*		0		0		0	-	-	-	-
SCHL	6069	USMC AIC Top Gun Ground School	B	-	G	-	-	-	*		0		0		0	-	-	-	-
TOTAL SCHOOL CODES STAGE (SCHL)										8	0	0	0	0	0				
TOTAL REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS SKILLS PHASE (RCQD)										8	0	0	0	11	4				

- 10.19 ADDITIONAL MATRIX (ORDNANCE/RANGES). None
- 10.20 ADDITIONAL CHAINING FOR 5000 AND 6000 PHASE EVENTS. None
- 10.21 AVIATION TRAINING FORMS (ATF). A syllabus evaluation form is required for any initial or subsequent event training. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website,  
<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/nwc3/default.aspx>
- 10.22 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). None

CHAPTER 11

TACTICAL AIR DEFENSE CONTROLLER (MOS 7236)/INDIVIDUAL TRAINING AND READINESS  
REQUIREMENTS

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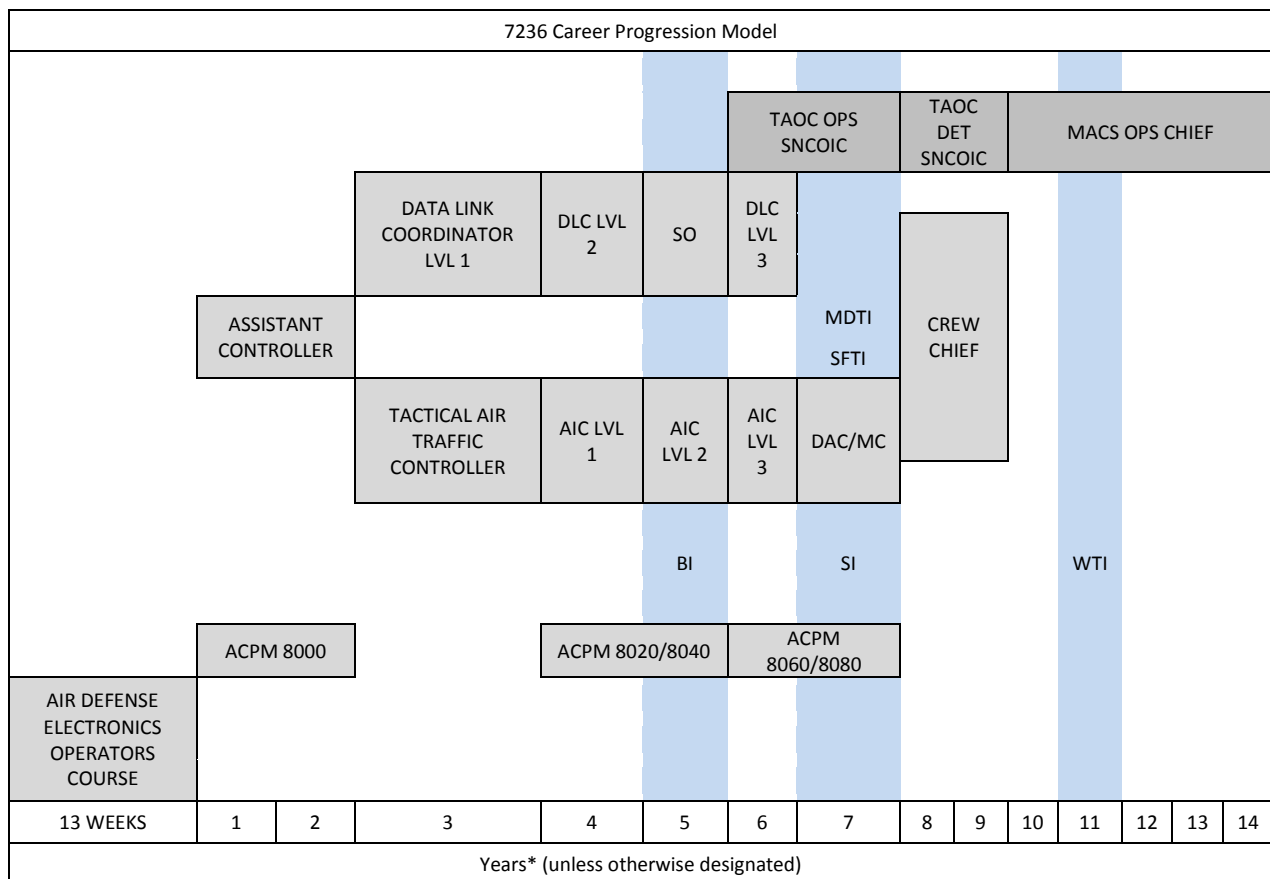
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## CHAPTER 11

TACTICAL AIR DEFENSE CONTROLLER (MOS 7236)/INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

11.0 TACTICAL AIR DEFENSE CONTROLLER/7236 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

11.1 7236 TRAINING PROGRESSION MODEL. This model represents the recommended average training progression for the Aviation Communications Systems Technician crewmember. Units should use the model as a point of departure to generate individual training plans.



## 11.2 ABBREVIATIONS

TAOC MOS 7236	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
ACAD	ACADEMICS
LFAM	LOCAL FAMILIARIZATION
EQUIP	EQUIPMENT

TAOC MOS 7236	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
AC	ASSISTANT CONTROLLER
SO	SURVEILLANCE OPERATOR
TATC	TACTICAL AIR TRAFFIC CONTROLLER
DLC	DATA LINK COORDINATOR
AIC	AIR INTERCEPT CONTROLLER
DAC	DEEP AIR CONTROLLER
MC	MISSILE CONTROLLER
CC	CREW CHIEF
DCHF	DETACHMENT CHIEF
C2SYS	COMMAND AND CONTROL SYSTEMS
MISSION SKILL (3000 Phase)	
ACAD	ACADEMICS
AC	ASSISTANT CONTROLLER
SO	SURVEILLANCE OPERATOR
TATC	TACTICAL AIR TRAFFIC CONTROLLER
DLC	DATA LINK COORDINATOR
AIC	AIR INTERCEPT CONTROLLER
DAC	DEEP AIR CONTROLLER
MC	MISSILE CONTROLLER
CC	CREW CHIEF
DCHF	DETACHMENT CHIEF
C2SYS	COMMAND AND CONTROL SYSTEMS
CORE PLUS SKILL (4000 Phase)	
DLC	DATA LINK COORDINATOR
C2SYS	COMMAND AND CONTROL SYSTEMS
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
AICI	AIR INTERCEPT CONTROL INSTRUCTOR
SFTI	STRIKE FIGHTER TACTICS INSTRUCTOR
MDTI	MARINE DIVISION TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
AC	ASSISTANT CONTROLLER
SO	SURVEILLANCE OPERATOR
TATC	TACTICAL AIR TRAFFIC CONTROLLER
DLC	DATA LINK COORDINATOR
AIC	AIR INTERCEPT CONTROLLER
DAC	DEEP AIR CONTROLLER
MC	MISSILE CONTROLLER
CC	CREW CHIEF
DCHF	DETACHMENT CHIEF
MISSION ESSENTIAL TASK (MET) (7000 Phase)	
COND	CONDITION

### 11.3 DEFINITIONS

TERM	DEFINITION
<b>Core Model</b>	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core Model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices.
<b>Core Skill</b>	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
<b>Mission Skill</b>	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event (s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.

TERM	DEFINITION
<b>Core Plus Skill</b>	Training events that can be theater specific or that have a low likelihood of occurrence. They may be fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
<b>Core Plus Mission</b>	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
<b>Core Skill Proficiency (CSP)</b>	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
<b>Mission Skill Proficiency (MSP)</b>	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
<b>Core Plus Skill Proficiency (CPSP)</b>	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP.
<b>Core Plus Mission Proficiency (CPMP)</b>	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP.
<b>MET Phase</b>	This Phase represents community specific unit METs. It combines CMMR crew proficient Marines, Combat Leaders, and designated non-aviation PMOS Marines into combat capable teams.

#### 11.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

11.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

11.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

11.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

11.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

**\*Note\***

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

11.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

**\*Note\***

See Chapter 2 for amplifying information on POI updating.

TAOC MOS 7236					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
CORE SKILL (2000 Phase)					
ACAD	2000				
ACAD	2002				
ACAD	2004				
ACAD	2006				
ACAD	2008				
ACAD	2010				
ACAD	2012				
ACAD	2014				
ACAD	2016				
ACAD	2018				
ACAD	2020				
ACAD	2022				
ACAD	2024				
ACAD	2026				
ACAD	2028				
ACAD	2030				
ACAD	2034				
ACAD	2036				
ACAD	2038				
ACAD 1	2050				
ACAD 1	2052				
ACAD 1	2054				
ACAD 1	2056				
ACAD 1	2058				
ACAD 1	2060				
ACAD 1	2062				
ACAD 1	2064				
ACAD 1	2066				
ACAD 2	2100				
ACAD 2	2102				
ACAD 2	2104				
ACAD 2	2106				
ACAD 2	2108				
ACAD 2	2110				
ACAD 2	2112				
ACAD 2	2116				
ACAD 2	2118				
ACAD 2	2120				
ACAD 2	2122				
ACAD 2	2124				
ACAD 2	2126				
ACAD 2	2128				
ACAD 2	2130				
ACAD 2	2132				
ACAD 2	2134				
ACAD 2	2136				
LFAM	2150R	LFAM	2150R	LFAM	2150R
EQUIP	2160				
EQUIP	2162				
EQUIP	2164				
AC	S2200				
AC	2202				
AC	S2204				
AC	2206				
AC	S2208				
AC	S2210				
AC	S2212				

TAOC MOS 7236					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
SO	2300				
SO	2302				
SO	2304				
TATC	S2350				
TATC	2352				
TATC	2354				
DLC	2400				
DLC	2402R	DLC	2402R	DLC	2402R
DLC	2404R	DLC	2404R	DLC	2404R
DLC	2406R	DLC	2406R	DLC	2406R
DLC	2408R	DLC	2408R	DLC	2408R
DLC	2410R	DLC	2410R	DLC	2410R
DLC	S2412R	DLC	S2412R	DLC	S2412R
DLC	S2414R	DLC	S2414R	DLC	S2414R
DLC	S2416R	DLC	S2416R	DLC	S2416R
DLC	S2418R	DLC	S2418R	DLC	S2418R
DLC	S2420R	DLC	S2420R	DLC	S2420R
DLC	2422				
AIC1	S2500				
AIC1	S2502R	AIC1	S2502R		
AIC1	2504R	AIC1	2504R	AIC1	2504R
AIC2	2550R	AIC2	2550R		
AIC2	2552R	AIC2	2552R		
AIC2	S2554R	AIC2	S2554R		
AIC2	S2556R	AIC2	S2556R		
AIC2	S2558R	AIC2	S2558R		
AIC2	S2560R	AIC2	S2560R		
AIC2	S2562				
AIC2	S2564				
AIC2	S2566				
AIC2	2568				
AIC2	2570				
DAC	2600				
MC	S2650				
MC	2652				
CC	2700				
CC	S2702				
CC	2704				
CC	2706R	CC	2706R	CC	2706R
CC	2708				
CC	S2710				
CC	S2712				
DCHF	2800				
DCHF	2802				
C2SYS	2910R	C2SYS	2910R		
C2SYS	2940R	C2SYS	2940R		
C2SYS	2941R	C2SYS	2941R		
C2SYS	2943R	C2SYS	2943R		
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
ACAD	3000				
ACAD	3006R	ACAD	3006R	ACAD	3006R
ACAD	3012				
ACAD	3014				
AC	3200				
AC	3202				
AC	3204				
AC	3206R	AC	3206R	AC	3206R

TAOC MOS 7236					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
STAGE	CODE	STAGE	CODE	STAGE	CODE
SO	3300R	SO	3300R		
SO	3302R	SO	3302R		
SO	3304R	SO	3304R		
SO	3306R	SO	3306R	SO	3306R
TATC	3350R	TATC	3350R	TATC	3350R
DLC	3400				
DLC	3402R	DLC	3402R	DLC	3402R
AIC3	3500R	AIC3	3500R		
AIC3	3502R	AIC3	3502R		
AIC3	3504R	AIC3	3504R	AIC3	3504R
DAC	S3600R	DAC	S3600R	DAC	S3600R
MC	S3650R	MC	S3650R	MC	S3650R
MC	S3652R	MC	S3652R	MC	S3652R
CC	3700R	CC	3700R		
CC	3702				
CC	3704R	CC	3704R	CC	3704R
DCHF	S3800R	DCHF	S3800R	DCHF	S3800R
CORE PLUS SKILL (4000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
DLC	4400				
DLC	4402				
C2SYS	4921R	C2SYS	4921R		
C2SYS	4942R	C2SYS	4942R		
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

11.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

#### 11.5.1 INSTRUCTOR DESIGNATIONS

TAOC MOS 7236	
INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320
WEAPONS AND TACTICS INSTRUCTOR (WTI)	6000
AIR INTERCEPT CONTROLLER INSTRUCTOR (AICI)	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

TAOC MOS 7236 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	EVENTS
STRIKE FIGHTER TACTICS INSTRUCTOR (SFTI)	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6078, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088
MARINE DIVISION TACTICS INSTRUCTOR (MDTI)	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6006, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

### 11.5.2 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS AND DESIGNATIONS

TAOC MOS 7236 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
Qualify as an Assistant Controller (AC) (QUAL 6250)	2008, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008
Qualify as a Tactical Air Traffic Controller (TATC) (QUAL 6251)	2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088
Qualify as a Deep Air Controller (DAC) (QUAL 6252)	2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088
Qualify as an Air Intercept Controller (AIC) (QUAL 6253)	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088
Qualify as a Missile Controller (MC) (QUAL 6254)	2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 3650, 3652, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088
Qualify as Data Link Coordinator (DLC) (QUAL 6255)	2004, 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 2943, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 3400, 3402, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088
Qualify as a Surveillance Operator (SO) (QUAL 6256)	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088



TAOC MOS 7236 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	EVENTS
Qualify as a Crew Chief (CC) (QUAL 6257)	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3700, 3702, 3704, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067
Certified in Local Area Fam (CERT 6275)	2150
Designation as a Detachment Chief (DCHF) (DESG 6326)	2800, 2802, 3800

11.6 7236 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

11.6.1 Basic POI

TAOC MOS 7236 BASIC POI		
WEEKS <sup>1</sup>	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
0-12	CORE SKILL INTRODUCTION TRAINING	MCCES
13-104	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON

11.6.2 Refresher POI

TAOC MOS 7236 REFRESHER POI		
WEEKS <sup>1</sup>	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

## 11.7 SYLLABUS NOTES

### 11.7.1 Environmental Conditions Matrix

Environmental Conditions	
Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness, must be unaided
(N*)	May be conducted during hours of darkness - If conducted during hours of darkness, must be unaided
(N)	May be conducted during darkness - If conducted during hours of darkness; may be aided or unaided
NS	Shall be conducted during hours of darkness - Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness - If conducted during hours of darkness; must be with Night Vision Devices
Note - If the event is to be conducted in the simulator, the Instructor shall ensure the proper environmental conditions for the event.	

### 11.7.2 Device Matrix

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note - If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

### 11.7.3 Program of Instruction Matrix

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

### 11.7.4 Event Terms

EVENT TERMS	
TERM	DESCRIPTION
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or

EVENT TERMS	
TERM	DESCRIPTION
	maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

## 11.8 ACADEMIC PHASE (0000)

### 11.8.1 Purpose. **RESERVED FOR FUTURE USE**

### 11.8.2 General

#### 11.8.2.1 Admin Notes.

#### 11.8.2.2 Prerequisites.

#### 11.8.2.3 Stages.

## 11.9 CORE SKILL INTRODUCTION PHASE (1000)

11.9.1 Purpose. To provide entry-level instruction to develop the basic skills necessary for an enlisted Marine to meet the requirements to be assigned MOS 7236, Tactical Air Defense Controller. This training includes TAOC operations within the Marine Air Command and Control System (MACCS), operation of the Tactical Air Operations Module (TAOM), Air Defense Communications Platform (ADCP), and Theater Battle Management Core Systems (TBMCS) with emphasis on duties as a Surveillance Operator (SO) and Data Link Coordination (DLC), Assistant Controller (AC), and Tactical Air Traffic Controller (TATC). Upon graduation from the Air Control Electronics Course (ACEOC), the Marine is designated MOS 7236.

### 11.9.2 General

11.9.2.1 Admin Notes. Air Control Electronics Operator Course (ACEOC) (CID M0972P1) is located at Marine Corps Communication-Electronics School (MCCES) in 29 Palms, CA.

11.9.2.2 Prerequisite. Meet the requirements delineated in the MCO 1200.17 (MOS Manual).

11.9.2.3 Stage. The following stage is included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
11.9.3	AIR SCHOOL (AIRS)

### 11.9.3 AIR SCHOOL (AIRS)

11.9.3.1 Purpose. To teach the Marine in the required skills to perform as a basic Tactical Air Defense Controller, MOS 7236.

#### 10.9.3.2 General

Admin Notes. All exams will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed in an event.

Prerequisites. None.

AIRS-1200                   \*           B                                   E                                   G

Goal. Identify characteristics of the Marine Air Command and Control System (MACCS)

Requirement. Identify the following:

1. Identify the six functions of Marine Aviation.
2. Identify characteristics of organizations in the Marine Air Wing (MAW).
3. Identify characteristics of units in the Marine Air Control Group (MACG).
4. Identify characteristics of agencies in the Marine Air Command and Control System (MACCS).
5. Identify characteristics of U. S. ground-based air defense platforms.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-2, Aviation Operations
2. MCWP 3-22, Antiair Warfare
3. MCWP 3-25, Control of Aircraft and Missiles
4. MCWP 3-25.10, Low Altitude Air Defense Handbook
5. MCWP 3-25.3, Marine Air Command and Control System Handbook
6. MCWP 3-25.4, Tactical Air Command Center Handbook
7. MCWP 3-25.5, Direct Air Support Center Handbook
8. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
9. MCWP 3-25.8, Marine Air Traffic Control Detachment Handbook

AIRS-1202                   \*           B                                   E                                   G

Goal. Identify characteristics of the Marine Air Control Squadron (MACS)

Requirement. Identify the following:

1. Identify characteristics of the Marine Air Control Squadron (MACS).
2. Identify characteristics of the TAOC cellular framework.
3. Identify characteristics of agencies in the Theater Air Ground System

(TAGS).

4. Identify characteristics of Integrated Air Defense Systems (IADS).
5. Identify characteristics of U. S. ground-based air defense platforms.
6. Identify characteristics of threat air defense systems.
7. Identify characteristics of the Aviation T&R program in the TAOC.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25D Multiservice Procedures for Integrated Combat Airspace Command and Control
2. MCRP 3-25E Multiservice Procedures for Joint Integrated Air Defense System
3. MCWP 3-2, Aviation Operations
4. MCWP 3-22, Antiair Warfare
5. MCWP 3-25, Control of Aircraft and Missiles
6. MCWP 3-25.3, Marine Air Command and Control System Handbook
7. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
8. TM 08565A-CD-1, TAOM System Manual
9. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1204	*	B	E	G
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Goal. Identify characteristics of Aircraft

Requirement. Identify the following:

1. Identify characteristics of U.S. Aircraft
2. Identify characteristics of U. S. aviation ordnance.
3. Identify characteristics of threat aircraft.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
2. TOPGUN MANUAL, Volumes I and II

AIRS-1206                    \*            B                    E            C2 System    G

Goal.    Configure Tactical Air Operations Center (TAOC) platforms for operations

Requirement.    Given required TAOC equipment and materials, complete the following:

1.    Identify the proper procedures for handling classified material.
2.    Identify characteristics of TAOC equipment.
3.    Initialize a workstation.
4.    Set TAOC operational parameters from source documents.
5.    Enter map/overlay information from source documents.
6.    Enter radar information.
7.    Operate recording equipment.
8.    Conduct planning for TAOC employment (7210 only).

Performance Standard.    Pass an exam.

Instructor.    FLC Instructor

Prerequisite.    None.

Ordnance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1.    FM 21-26, Map Reading and Land Navigation
2.    MCRP 5-12A, Operational Terms and Symbols
3.    TM 08565A-CD-1, TAOM System Manual
4.    U-TAOC-PCL-03862, Pocket Checklist

AIRS-1208                    \*            B                    E            C2 System    G

Goal.    Operate TAOC voice communications equipment

Requirement.    Given an operational C2 System and required materials, complete the following:

1.    Operate internal communications using source documents (e.g. ACEOI).
2.    Set-up work station for radio communications with a distant station.
3.    Communicate via voice with a distant station.

Performance Standard.    Pass an exam.

Instructor.    FLC Instructor

Prerequisite.    None.

Ordnance.    None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 08565A-CD-1, TAOM System Manual
2. U-TAOC-PCL-03862, Pocket Checklist
3. MCRP 3-40.3C, Antenna Handbook

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AIRS-1210                   \*           B                                   E           C4I Systems G

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Goal. Operate Command, Control, Communications, Computer and Intelligence (C4I) systems

Requirement. Given required C4I systems, operate the following:

1. Generate TBMCS information through web remote.
2. Operate Chat.
3. Operate Falconview.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CCS-TRTBM-A017-AATSU, Theater Battle Management Core System, Vol I
2. CCS-TRTBM-A017-COP-1, Theater Battle Management Core System, Vol II

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AIRS-1212                   \*           B                                   E           C2 System G

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Goal. Perform surveillance functions

Requirement. Given an operational C2 System, complete the following:

1. Identify characteristics of the TAOC Surveillance section.
2. Identify TAOC radar capabilities.
3. Identify characteristics of documents required for surveillance functions.
4. Identify key elements of the ATO/SPINS for TAOC operations.
5. Identify characteristics of airspace.
6. Identify doctrinal nets used by the Surveillance section.
7. Set-up a work station for surveillance operations.
8. Classify track data using source documents.
9. Maintain accurate symbology.
10. Perform manual cross-tell.
11. Complete surveillance reports.
12. Identify characteristics of sensor and data registration (7210 only).

13. Plan a multi-TDL architecture plan (7210 only).
14. Perform Electronic Warfare (EW) functions (7210 only).
15. Conduct mission planning for surveillance operations (7210 only).
16. Conduct a surveillance brief (7210 only).

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 1-02, DOD Dictionary of Military and Associated Terms
2. JP 3-30, Command and Control of Joint Air Operations
3. JP 3-52, Joint Doctrine for Airspace Control in a Combat Zone
4. JP 3-56.1, Command and Control of Joint Air Operations
5. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
6. MCRP 3-25B, Multi-Service Air-Air, Air-Surface, Surface-Air, Brevity Codes
7. MCRP 3-25D, Multiservice Procedures for Integrated Combat Airspace Command and Control
8. MCRP 3-25E, Multiservice Procedures for Joint Integrated Air Defense System
9. MCWP 3-2, Aviation Operations
10. MCWP 3-22, Antiair Warfare
11. MCWP 3-25, Control of Aircraft and Missiles
12. MCWP 3-25.10, Low Altitude Air Defense Handbook
13. MCWP 3-25.3, Marine Air Command and Control System Handbook
14. MCWP 3-25.4, Tactical Air Command Center Handbook
15. MCWP 3-25.5, Direct Air Support Center Handbook
16. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
17. TM 08565A-CD-1, TAOM System Manual
18. TOPGUN MANUAL, Volumes I and II
19. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1214	*	B	E	C2 System	G
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Goal. Operate Link 11

Requirement. Given an operational C2 System and required materials, complete the following:

1. Extract Link 11 information from source documents.
2. Identify characteristics of Link 11.
3. Configure Link 11 hardware for operations.
4. Set-up a workstation for Link 11 operations.
5. Exchange Link 11 messages.
6. Send/receive digital orders.

Performance Standard. Pass an exam.



Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. TM 08565A-CD-1, TAOM System Manual
3. U-TAOC-PCL-03862, Pocket Checklist
4. Understanding Link 11 Guidebook

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AIRS-1216	*	B	E	MTAOM G
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Goal. Operate Link 16

Requirement. Given a MTAOM and required materials, complete the following:

1. Extract Link 16 information from the reference documents.
2. Identify characteristics of Link 16.
3. Set-up a work station for Link 16 operations.
4. Configure Link 16 hardware.
5. Exchange Link 16 messages.
6. Send/receive text messages.
7. Operate JTIDS Voice.
8. Send/receive digital orders.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. TM 08565A-CD-1, TAOM System Manual
3. U-TAOC-PCL-03862, Pocket Checklist

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AIRS-1218	*	B	E	JRE Gateway G
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Goal. Operate a Beyond Line of Site (BLOS) gateway

Requirement. Given a TAOM and required materials, complete the following:

1. Extract JREAP information from the reference documents.
2. Identify characteristics of JREAP.
3. Configure a BLOS gateway for JREAP.
4. Operate JREAP-A.
5. Operate JREAP-B.
6. Operate JREAP-C.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. TM 08565A-CD-1, TAOM System Manual
3. U-TAOC-PCL-03862, Pocket Checklist

AIRS-1220                      \*                      B                      E                      C2 System                      G

Goal. Establish a workstation for Traffic functions

Requirement. Given a C2 System and required materials, complete the following:

1. Identify characteristics of the Weapons Section.
2. Set-up a workstation for traffic operations.

Performance Standard. Pass an exam.

Instructor. FLC Instructor

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 1-02, DOD Dictionary of Military and Associated Terms
2. JP 3-30, Command and Control of Joint Air Operations
3. JP 3-52, JOINT DOCTRINE FOR AIRSPACE CONTROL IN A COMBAT ZONE
4. JP 3-56.1, Command and Control of Joint Air Operations
5. MCM 3-1, Threat Reference Guide and Countertactics (U), VOL II
6. MCRP 3-25B, MULTI SERVICE AIR-AIR, AIR-SURFACE, SURFACE-AIR, BREVITY CODES
7. MCRP 3-25D, Multiservice Procedures for Integrated Combat Airspace Command and Control

8. MCRP 3-25E, Multiservice Procedures for Joint Integrated Air Defense System
9. MCWP 3-2, Aviation Operations
10. MCWP 3-22, Antiair Warfare
11. MCWP 3-25, Control of Aircraft and Missiles
12. MCWP 3-25.10, Low Altitude Air Defense Handbook
13. MCWP 3-25.3, Marine Air Command and Control System Handbook
14. MCWP 3-25.4, Tactical Air Command Center Handbook
15. MCWP 3-25.5, Direct Air Support Center Handbook
16. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
17. TM 08565A-CD-1, TAOM System Manual
18. TOPGUN MANUAL, Volumes I and II
19. U-TAOC-PCL-03862, Pocket Checklist

#### 11.10 CORE SKILL TRAINING (2000)

11.10.1 Purpose. To train the 7236 in basic equipment capabilities and familiarize the 7236 with C2 systems, air surveillance, air control and weapons employment. The focus of this phase is to train the 7236 in basic TAOC skills and to identify a specific mission skill set, air surveillance or air control, for their future training path. While assigned to a Marine Air Control Squadron (MACS), under direct supervision, the 7236 moves from an introductory understanding of core skills to core skill proficiency.

##### 11.10.2 General

###### 11.10.2.1 Admin Notes

(1) The LFAM stage is required prior to executing any other Core Skill events. It must be conducted every time the 7236 is assigned to new airspace or required to be refreshed per their training record.

(2) Determining the training track for a specific 7236; air control or air surveillance, occurs after the Marine completes both the DLC and TATC core skill stages. The training track is determined by convening a board of the four Squadron appointed TAOC WTIs and chaired by the Detachment Commander. The determination is by a majority vote.

###### 11.10.2.2 Prerequisite. None

11.10.2.3 Stages. The following stages are included in the Core Skill Phase of training:

PAR NO.	STAGE NAME
11.10.3	ACADEMICS (ACAD)
11.10.4	ACADEMICS 1 (ACAD1)
11.10.5	ACADEMICS 2 (ACAD2)
11.10.6	LOCAL FAMILIARIZATION (LFAM)
11.10.7	EQUIPMENT (EQUIP)
11.10.8	ASSISTANT CONTROLLER (AC)
11.10.9	SURVEILLANCE OPERATOR (SO)

11.10.10	TACTICAL AIR TRAFFIC CONTROLLER (TATC)
11.10.11	DATA LINK COORDINATOR (DLC)
11.10.12	AIR INTERCEPT CONTROLLER (AIC1)
11.10.13	AIR INTERCEPT CONTROLLER (AIC2)
11.10.14	DEEP AIR CONTROLLER (DAC)
11.10.15	MISSILE CONTROLLER (MC)
11.10.16	CREW CHIEF (CC)
11.10.17	DETACHMENT CHIEF (DCHF)
11.10.18	COMMAND AND CONTROL SYSTEMS (C2SYS)

### 11.10.3 ACADEMICS (ACAD)

11.10.3.1 Purpose. To provide the 7236 standardized academic knowledge to perform assigned duties. Academic events are one-time events unless otherwise stated.

#### 11.10.3.2 General

##### Admin Notes

(1) The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will also complete ACPM-8004 (TAOC) and complete a self-paced reading of MCWP 3-25.7, TAOC Handbook.

(2) All tests will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed in an event.

Prerequisites. None

Crew Requirements. None

ACAD-2000	2.0	*	B	E	G
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Goal. Define combat identification

Requirement. Given the references:

1. Define the purpose and criteria for Positive Control
2. Define the purpose and criteria for an Air Defense Identification Zone (ADIZ)
3. Explain how the following are used to identify aircraft:
  - a. Control points
  - b. Airspace Control Area
  - c. Ingress/Egress routes/Minimum Risk Routes
  - d. Identify Friend or Foe (IFF) (Modes 1-5)
  - e. Air Tasking Order (ATO)
4. Explain the relationship between I.D. Criteria and ROE.
5. State the OPORDER appendix that contains ROE and Identification Criteria.

6. Explain the purpose and usage of the authentication table (AKAC 1553).
7. Define the 6 standard track identifications, in accordance with the Joint Multi-TDL Operating Procedures (JMTOP).
8. List the five track environment categories, in accordance with the JMTOP.
9. List and Describe the electronic identification capabilities of the following platforms.
  - a. E-3 AWACS
  - b. E-2C Hawkeye
  - c. AEGIS equipped ships

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-22, Anti-Air Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. CJCSM 6120.01, Joint Multi-TDL Operating Procedures (JMTOP) Manual
4. JP 3-52, Joint Airspace Control
5. MCRP 3-25E, Multi-Service Tactics, Techniques, and Procedures for an Integrated Air Defense Systems (IADS)

ACAD-2002	1.0	*	B	E	G
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Goal. State the purpose of Interface Coordination

Requirement. Given the reference:

1. State who controls the establishment of the Multi-TDL interface.
2. Define the following:
  - a. Data registration
  - b. Sensor registration
  - c. Correlation
  - d. Common track
  - e. Dual designation
3. List the steps of the data registration test.
4. State which unit will normally be assigned as the data registration reference unit in a Multi-TDL environment.
5. List the five correlation restrictions for reported tracks.
6. List the eight operational contingency constraints (OCCs) for a track.
7. List the six steps for voice resolution of a dual designation.
8. IAW the JMTOP, state the single most important element of information of the TDL interface.
9. Outline the ID difference resolution procedures.
10. Define a Change Data Order (CDO)
11. State who on the interface may originate a CDO.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

ACAD-2004	2.0	*	B	E	G
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Goal. Define terms associated with Link 11

Requirement. Given the reference:

1. Define the following Link 11 station modes of operation:
  - a. Net Control Station (NCS)
  - b. Picket
  - c. Radio Silence
2. Define the following Link 11 net modes of operation:
  - a. Roll Call
  - b. Broadcast (Long)
  - c. Short Broadcast
  - d. Net Sync
  - e. Net Test
3. State the purpose of the following Link 11 waveforms:
  - a. Conventional Link 11 Waveform (CLEW)
  - b. Single Tone Link 11 Waveform (SLEW)
4. Describe the characteristics of the following Link 11 data encryption modes:
  - a. A1
  - b. A2
  - c. B
  - d. Plain Text
5. Define Data Link Reference Point, and state typical usage criteria and limitations.
6. Describe Link 11 Gridlock.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6011\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B
- MIL-STD-6011\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B

ACAD-2006    2.0    \*    B    E    G

Goal. Define terms associated with Link 16

Requirement. Given references, define:

1. Active Synchronization
2. Backlink
3. Command and Control JTIDS/MIDS Unit (C2 JU)
4. Conditional Radio Silence Mode
5. Contention Access Mode
6. Dedicated Access Mode
7. Donor
8. Dynamic Network Management
9. Extension Word
10. Geodetic Position Quality
11. Header Message
12. Host System
13. Initial Entry
14. Initial Entry JTIDS/MIDS Unit (IEJU)
15. Machine Receipt
16. Multifunctional Information Distribution System (MIDS)
17. Minimum Implementation
18. Mode 1, 2, and 4 Communications
19. Net Number
20. Network Participation Group
21. Network Time Reference
22. Non-Command and Control JTIDS/MIDS Unit (NonC2 JU)
23. Pool
24. Passive Synchronization
25. Recurrence Rate
26. Reed-Solomon Code
27. Relative Position Quality
28. Relay Block
29. Round-Trip Timing (RTT)
30. Stacked Net
31. Synchronization
32. Time (System & Terminal)
33. Time Quality (QT)
34. Time Slot
35. Time Slot Reallocation Access Mode

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

ACAD-2008    2.0    \*    B    E    G

Goal. State the characteristics of Tactical Data Links

Requirement. Given references, state the characteristics of:

1. Link 11
2. Link 16

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual

ACAD-2010    2.0    \*    B    E    G

Goal. Define terms associated with Joint Range Extension Application Protocol (JREAP)

Requirement. Given references, define:

1. Common Time Reference
2. Demand Access Multiple Access (DAMA)
3. Joint Range Extension (JRE)
4. JRE Network Controller
5. JRE Source Track Number
6. Link 16 Zone
7. Multicast
8. Packet
9. Port
10. Secondary Track Number
11. Token Passing
12. Transmission Sequence List
13. Unicast



Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-3011\_, Department of Defense Interface Standard for the Joint Range Extension Application Protocol

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ACAD-2012	2.0	*	B	E	G
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Goal. State the background characteristics of JREAP

Requirement. Given references, state the characteristics of:

1. JREAP A (Half duplex announced Token Passing Protocol)
2. JREAP B (Full Duplex Synchronous or Asynchronous Point-to-Point Connection)
3. JREAP C (Encapsulation over IP)

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

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ACAD-2014	1.0	*	B	E	G
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Goal. Know the types and purpose of data filters

Requirement. Given the reference:

1. State the purpose of the data filters.
2. State the personnel responsible for data filters and their associated duties.

3. Describe the characteristics of prearranged and non-prearranged data filters.
4. State the function of filter numbers and identify codes associated with the following types of unit filter types:
  - a. Link 11 Transmit
  - b. Link 11B Transmit
  - c. Link 16 Transmit
  - d. Data forwarding for data forwarded from Link 11 to Link 11B
  - e. Data forwarding filter for data forwarded from Link 11B to Link 11
  - f. Transmit filter for all data links in a multi-link interface
  - g. Data forwarding filter for data forwarded from Link 16 to Link 11
  - h. Data forwarding filter for data forwarded from Link 16 to Link 11B
  - i. Data forwarding filter for data forwarded from Link 16 to Link 11/11B
  - j. Data forwarding filter for data forwarded from Link 11 or Link 11B to Link 16
5. List essential information that should be included when establishing a data filter.
6. State the purpose of the following data filter types:
  - a. Geographic (Geo) filters
  - b. Fixed or slaved filters
  - c. Identification filters
  - d. Environment filters
  - e. Reference point filters
  - f. EW filters
  - g. Special Processing Indicator (SPI) filters
7. State operational factors that may dictate the use of data filters.
8. State the doctrinal restrictions on the establishment of data filters.

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual

ACAD-2016	1.0	*	B	E	G
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Goal. Explain the troubleshooting theory

Requirement. Without the aid of references:

1. Identify the problem
2. Establish a theory of probable cause (question the obvious)
3. Test the theory to determine cause
4. Establish a plan of action to resolve the problem and implement the solution

5. Verify full system functionality and if applicable implement preventive measures
6. Document findings, actions and outcomes

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TM 08565A-CD-1 TAOM System Manual
2. TM 10566D-OI, Communication Interface System CAC2S (V) 4

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ACAD-2018	1.0	*	B	E	G
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Goal. Define the characteristics of Cooperative Engagement Capability (CEC)

Requirement. Given the references:

1. State the purpose of CEC.
2. State the characteristics of the CEC network.
3. Identify the Navy platforms capable of participating in the CEC network.
4. State the Marine Corps equipment required to interface with CEC.

Performance Standard. Pass an exam.

Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TACMEMO 3-01.3-12 CEC Tactical Employment Guide, Feb 2012
2. USN Capabilities and Limitations website  
<http://cnl.phdnswc.navy.smil.mil/>
3. Navy CEC Fact Sheet
4. MIL-STD-6016\_, Department of Defense Interface Standard, Tactical Data Link (TDL) 16

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ACAD-2020	1.5	*	B	E	CAC2S G
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Goal. Identify the characteristics, capabilities and limitations of the

Communications Subsystem (CS)

Requirement. Identify or explain the following:

1. Identify the nomenclature and number of radios
2. Identify the number of radio nets and frequency spectrum breakdown
3. Identify antennas
4. Explain the power requirements
5. Explain the remote capability

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. Comm Section

Reference.

1. TM 10566C-OI/1, Communication Interface System CAC2S(V)3
2. TM 10566D-OI, Communication Interface System CAC2S(V)4
3. Harris Quick Reference Pocket Guide for the AN/PRC-116
4. Harris Quick Reference Pocket Guide for the AN/PRC-150
5. MCTSSA's Marine Corps Tactical Data Systems Reference Guide

ACAD-2022	1.0	*	B	E	TE Radio Assets	G
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Goal. Identify TAOC communication capabilities

Requirement. Given the reference, identify the following:

1. Define the frequency range of the following:
  - a. High Frequency
  - b. Very High Frequency
  - c. Ultra High Frequency
2. Identify the ground and sky wave range of the following:
  - a. High Frequency
  - b. Very High Frequency
  - c. Ultra High Frequency

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-40.3C, Antenna Handbook

ACAD-2024    1.0    \*    B    E    G

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Goal.    Define TAOC radio terms

Requirement.    Given the reference, define the following:

1. Amplitude modulation (AM)
2. Antenna gain
3. Bidirectional
4. Broadband antenna
5. Diffraction
6. Dipole antenna
7. Directional antenna
8. Ducting
9. Frequency hopping
10. Frequency modulation (FM)
11. Gain
12. Ground wave
13. Omnidirectional antenna
14. Polarization
15. Reflection
16. Refraction
17. Sky wave
18. Take-off angle

Performance Standard.    Pass an exam.

Instructor.    BI

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. MCRP 3-40.3C, Antenna Handbook

ACAD-2026    0.5    \*    B    E    G

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Goal.    Identify the purpose of the positions that make up the Air Defense Command Structure

Requirement.    Given the references, explain the responsibilities of the following:

1. Joint Forces Commander (JFC).
2. Joint Forces Air Component Commander (JFACC).
3. Area Air Defense Commander (AADC).
4. Deputy Area Air Defense Commander (AADC).

5. Regional Air Defense Commander (RADC).
6. Sector Air Defense Commander (SADC).

Performance Standard. Pass an exam.

Instructor. BI qualified WD, SAD

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 3-0 Joint Operations
2. JP 3-1 Countering Air and Missile Threats
3. JP 3-30 Command and Control for Joint Air Operations

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ACAD-2028	2.0	*	B	E	G
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Goal. State the purpose and intent of Rules of Engagement (ROE)

Requirement. Given the reference:

1. Define:
  - a. Law of War
  - b. Rules of Engagement (ROE)
  - c. Supplemental Measures
  - d. Hostile Act
  - e. Hostile Intent
2. State the purpose of the Law of War
3. State the intent of Standing Rules of Engagement (SROE)

Performance Standard. Pass an exam.

Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSI 3121.01 Standing ROE for US Forces
2. DoD Inst 2311.01\_, DOD Law of War Program
3. MCO 3300.4, Marine Corps Law of War Program
4. Joint Pub 1-02, DOD Dictionary of Military and Associated Terms

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ACAD-2030	1.0	*	B	E	G
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Goal. Define Joint Theater Missile Defense

Requirement. Given the reference:

1. State the purpose of TMD.
2. State and describe the four operational elements of JTMD.
3. State the three phases of flight for Ballistic Missiles.
4. Identify the major TMD systems in each service and what phase of flight the system is employed.

Performance Standard. Pass an exam.

Instructor. BI qualified SD, BI qualified WD, SAD

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. 7210 Instructor

Reference.

1. Joint Pub 3-01 Counter Air and Missile Threats
2. Missile Defense Agency website  
<http://www.mda.mil/system/elements.html>

ACAD-2034	1.0	*	B	E	G
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Goal. Describe aviation operational documents

Requirement. Given the reference:

1. Describe the phases of the ATO generation cycle:
  - a. Phase I - Command Aviation Guidance
  - b. Phase II - Target/Air Support Mission Development
  - c. Phase III - Air Allocation and Allotment
  - d. Phase IV - Tasking
  - e. Phase V - Force Execution
  - f. Phase VI - Combat Assessment
2. State the information contained within the ATO/SPINS.
3. Explain the use of the Airspace Control Order (ACO).
4. State the information found in the OPTASKLINK

Performance Standard. Pass an exam.

Instructor. BI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-2, Aviation Operations
2. MCWP 3-25, Control of Aircraft and Missiles
3. MIL-STD-6040, USMTF

ACAD-2036    1.0    \*    B    E    G

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Goal.    Define characteristics of Aviation Ordnance

Requirement.    Given the reference:

1.    State the type of terminal guidance, fuzing, and weight for the following types of aviation ordnance:
  - a.    GP bombs, to include the following:
  - b.    Mk-82
  - c.    Mk-83
  - d.    Mk-84
  - e.    Paveway II/III Laser-Guided Bombs, to include the following:
  - f.    GBU-12
  - g.    GBU-16
  - h.    GBU-10
  - i.    GBU-24
  - j.    JDAM, to include the following:
  - k.    GBU-38
  - l.    GBU-31
  - m.    GBU-54
  - n.    Standoff weapons, to include the following:
  - o.    AGM-154 JSOW
  - p.    AGM-88 HARM / AARGM
  - q.    AGM-84 H / K SLAM-ER
2.    Identify the preferred weapons pairing for the following targets:
  - a.    Armored vehicles
  - b.    Treeline or covered
  - c.    Building
  - d.    Personnel: Individual/small group
3.    State the definition of inertial aided munitions.

Performance Standard.    Pass an exam.

Instructor.    BI qualified DAC, BI qualified WD, SAD

Prerequisite.    None.

Ordnance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1.    ALSA JFIRE dated November 2012

ACAD-2038    2.0    \*    B    E    G

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Goal.    Define the characteristics of the Phased Array Tracking Intercept



of Target (Patriot) system and how it integrates into an IADS

Requirement. Given the references:

1. State the mission of Army Air and Missile Defense (AMD).
2. Outline the structure of a PATRIOT Battalion
  - a. Number of firing batteries within a battalion
  - b. Number of launchers within a battery
  - c. Number and types of missiles per launcher
3. List the characteristics of the PAC-3, PAC-2, and GEM-T as they relate to the following (SECRET when filled in):
  - a. Maximum effective range
  - b. Maximum effective speed
  - c. Launch trajectory
  - d. Max effective altitude for ABT, TBM, and CM
  - e. Target to weapon match for ABT, TBM, and CM
  - f. Missile guidance system
4. List the characteristics of the AN/MPQ-65 PATRIOT Radar System (SECRET when filled in):
  - a. Modes of operation
  - b. Surveillance and targeting Radar ranges
  - c. Maximum number of simultaneous target tracking
5. List and define the Detect-to-Engage Sequence
6. Identify the data link capabilities of the ADA Battalion
7. State the purpose and employment considerations for the PATRIOT ADAFCO as member of the TAOC Crew

Performance Standard. Pass an exam.

Instructor. BI qualified WD

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. FM 3-01.13 PATRIOT TOPGUN MANUAL
2. MCRP 3-25E MTTP For IADS
3. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual

#### 11.10.4 ACADEMICS 1 (ACAD1)

11.10.4.1 Purpose. To provide the 7236 standardized academic knowledge to perform assigned AIC duties. Academic events are one-time events unless otherwise stated.

#### 11.10.4.2 General

##### Admin Notes

(1) The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events

listed in this phase, all trainees will also complete ACPM-8004 (TAOC) and complete a self-paced reading of MCWP 3-25.7, TAOC Handbook.

(2) All tests will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed in an event.

Prerequisites. None

Crew Requirements. None

ACAD1-2050 1.0 \* B E G

Goal. State the characteristics of Navy and USMC Aircraft

Requirement. Given the references, state the capabilities and limitations of the following aircraft:

1. F/A-18 A-D Hornet
2. F/A-18E-F Super Hornet
3. EA-18G Growler
4. EA-6B Prowler

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NTTP 3-22.1 FA18
2. NTTP 2-22.1 EA6B

ACAD1-2052 1.5 \* B E G

Goal. State the employment considerations for Navy and USMC Aircraft

Requirement. Given the references, state the employment considerations of the following aircraft during AAW/OAAW, Strike, OAS, CSAR, and Tanking missions:

1. F/A-18 A-D Hornet
2. F/A-18E-F Super Hornet
3. EA-18G Growler
4. EA-6B Prowler

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. NTTP 3-22.1 FA18
2. NTTP 2-22.1 EA6B

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ACAD1-2054 1.5 \* B E G

Goal. Describe the capabilities of US Air-to-Air Weapons

Requirement. Given the reference describe basic guidance theory, expected shot ranges, maneuver capabilities, and required RADAR support for each of the following weapons:

1. AIM-9M Sidewinder
2. AIM-9X Sidewinder
3. AIM-120 AMRAAM

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Chapter 26, AIM-9/Aerial Gunnery
2. TOPGUN MANUAL, Chapter 28, AIM-120
3. TOPGUN MANUAL, Chapter 30, FA-18 Combat Systems

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ACAD1-2056 2.0 \* B E G

Goal. Describe Air Defense terminology

Requirement. Given the references, define the following:

1. Offensive Counter Air
2. Defensive Counter Air
3. Air Superiority
4. Air Supremacy
5. Defense in-depth
6. Vital Area
7. Identification

8. Engagement Area
9. Surveillance Area
10. Missile Engagement Zone
11. Fighter Engagement Zone
12. Joint Engagement Zone
13. Positive Identification
14. Positive Friendly Identification
15. Positive Hostile Identification
16. Minimum Risk Routing

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 3-0 Doctrine for Joint Operations
2. JP 3-1 Joint Doctrine for Countering Air and Missile Threats
3. JP 3-56.1 Command and Control for Joint Air Operations
4. NTTP 3-01.01 Fleet Air Defense
5. MCWP 3-22 Anti-Air Warfare

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ACAD1-2058	4.0	*	B	E	G
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Goal. Define the following words and concepts

Requirement. Given the references, define the following terms:

1. Call Signs
  - a. Informative
  - b. Directive
  - c. Interrogative
2. Anchor Points
  - a. Bullseye
  - b. Geographical Reference Point
  - c. Fighters Position
3. Types of Control
  - a. Broadcast Control
  - b. Tactical Control
4. AIC Core Communication Format
  - a. Callsign
  - b. Number of Groups
  - c. Anchor Point & Location
  - d. Altitude
  - e. Fill-ins
5. Five Phases of an Air-to-Air Intercept
  - a. Pre-commit
    - (1) Communications Priority
  - b. Post-Commit

- (1) Communications Priority
  - c. Weapons Employment
    - (1) Communications Priority
  - d. Merge
    - (1) Communications Priority
    - (2) Five times you can talk in the merge
  - e. Post-Merge
    - (1) Communications Priority
- 6. Aspect
  - a. General
  - b. Specific
- 7. Declaration Modifiers
  - a. Spades
  - b. Squawking
  - c. Paint(s)
  - d. Echo
  - e. Outlaw
  - f. Rider
- 8. Declarations
  - a. Hostile
  - b. Bandit
  - c. Bogey

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

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ACAD1-2060 4.0 \* B E G

Goal. Identify formations

Requirement. Given the references, illustrate the following tactical labels and define the corresponding group names:

1. Single Group
2. Azimuth
3. Range
4. Vic
5. Champagne
6. Ladder
7. Wall
8. Box

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2062 4.0 \* B E G

Goal. Identify fighter maneuvers

Requirement. Given the references, explain the following terms:

1. Fill-ins
  - a. Opening
  - b. Closing
  - c. Echelon
  - d. Weighted
  - e. Stack
  - f. Heavy
  - g. High
  - h. Very Fast
2. Aspect with reference to the fighters' nose
  - a. Hot
  - b. Flank
  - c. Beam
  - d. Drag
  - e. Cold
3. Maneuver
  - a. Maneuver Range
  - b. Maneuver Azimuth
  - c. Crossing
  - d. Passing
  - e. Change in Aspect
  - f. Maneuver in Altitude

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2064 2.0 \* B E G

Goal. Define communication calls

Requirement. Given the references, define and specify when to use the following:

1. Auto Separation Call
2. Threat Call
3. Nails
4. Music
5. Strobe
6. Clean
7. Faded
8. Vanished
9. Strength communications

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

ACAD1-2066 2.0 \* B E G

Goal. Define Air Intercept Control Communication Terms

Requirement. Given the references define the following terms:

1. Abort
2. Anchored
3. As fragged
4. Bonzai

5. Bingo
6. Bittersweet
7. Cheap shot
8. Father
9. Group
10. Hits
11. India
12. Jackal
13. Joker
14. Judy
15. Kill
16. Meld
17. Mickey
18. Midnight
19. Naked
20. Notch(ing)
21. Parrot
22. Pitbull
23. Pinted
24. Print
25. Pump
26. Pushing
27. Skate
28. Short Skate
29. Snaplock
30. Spiked
31. Splash(ed)
32. Standby
33. Status
34. Sunrise
35. Tally
36. Target
37. Terminate
38. Threat
39. Timber
40. Trespass
41. Winchester

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications



11.10.5 ACADEMICS 2 (ACAD2)

11.10.5.1 Purpose. To provide the 7236 standardized academic knowledge to perform AIC duties. Academic events are one-time events unless otherwise stated.

11.10.5.2 General

Admin Notes

(1) The academic events in this phase are intended to complement and supplement those in the ACPM. In addition to the events listed in this phase, all trainees will also complete ACPM-8004 (TAOC) and complete a self-paced reading of MCWP 3-25.7, TAOC Handbook.

(2) All tests will be taken without the aid of references and require a minimum score of 80% to pass unless specifically changed in an event.

Prerequisites. None

Crew Requirements. None

ACAD2-2100 1.0 \* B E G

Goal. State the capabilities and limitations of U.S. Air Force Aircraft

Requirement. Given the references, provide capabilities and limitations of the following aircraft with regard to AAW/OAAW, OAS, CSAR, and tanking:

1. F-15 A-D Eagle
2. F-15 E Strike Eagle
3. F-16 A-CJ Fighting Falcon
4. F-22 Raptor
5. F-35 Lightning II
6. KC-10 Extender
7. KC-135 E/R Stratotanker

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Attachment 3

ACAD2-2102 1.5 \* B E G

Goal. State the employment considerations for U.S. Air Force Aircraft

Requirement. Given the references, provide the mission, weapons, ID capabilities, and general employment considerations of the following aircraft with regard to AAW/OAAW, OAS, CSAR, and tanking:

1. F-15 A-D Eagle
2. F-15 E Strike Eagle
3. F-16A-CJ Fighting Falcon
4. F-22 Raptor
5. KC-10 Extender
6. KC-135 E/R Stratotanker

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Attachment 3

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ACAD2-2104	3.0	*	B	E	G
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Goal. State the capabilities and limitations of Threat Aircraft

Requirement. Given the references, provide missions, proliferation (threat nations of interest), weapons, and threat category for aircraft listed in Reference (2).

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1.2 Threat Reference guide and Counter tactics
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft

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ACAD2-2106	1.0	*	B	E	G
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Goal. Define Threat Missile Terms

Requirement. Given the references, define the following terms:

1. F-Pole
2. A-Pole
3. Stern WEZ
4. 'nc'
5. 'tc'
6. 'mc'

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

ACAD2-2108 1.0 \* B E G

Goal. State the capabilities and limitations of threat missiles

Requirement. Given the references, provide capabilities and limitations of air-to-air and air-to-ground missiles listed in references (3) and (5).

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

ACAD2-2110 1.0 \* B E G

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Goal. State employment considerations for threat missiles

Requirement. Given the references, provide threat employment considerations of air-to-air and air-to-ground missiles listed in references (3) and (5) to include guidance type, category, proliferation (Nation of Interest), and Rule of Thumb (ROT) missile for each category.

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems Handbook

ACAD2-2112 1.0 \* B E G

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Goal. Define categories of threat missiles

Requirement. Given the references, define the categories for air-to-air and air-to-ground missiles listed in references (3) and (5).

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1, vol. 1, Chapters 5, 6, 10
2. TOPGUN MANUAL, Chapter 14, Threat Aircraft
3. TOPGUN MANUAL, Chapter 17, Threat Air-to-Air Missiles
4. TOPGUN MANUAL, Chapter 18, Rules-of-Thumb
5. ONI, Worldwide: Foreign Naval Surface-to-Surface Missile Systems

Handbook

ACAD2-2116 1.0 \* B E G

Goal. Define fighter support concepts and their purpose

Requirement. Given the references, discuss the following terms and phrases and state when each should be utilized in an air-to-air intercept:

1. Offset (20, 40, and 45 degree)
2. Crank
3. Shot Range
4. Last Shot Range
5. Minimum Defense Range (MDR)
6. Minimum Abort Range (MAR)
7. Meld Range
8. Threat Range

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2118 0.5 \* B E G

Goal. State the two types of fighter support concepts and their purpose

Requirement. Given the references, discuss the following types of fighter support concepts and their purpose:

1. Visual Mutual Support
2. Fluid Mutual Support

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2120 1.0 \* B E G

Goal. State the mission planning factors associated with defensive tactics

Requirement. Given the references, define the following terms and concepts and state how they are constructed:

1. Flow Range, Offensive and Defensive
2. Shot Depth Range
3. NLT Pump Range
4. Factor Range
5. Minimum Out Range (MOR)
6. Minimum Re-attack Range (MRAR)

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2122 2.0 \* B E G

Goal. State timelines an FA-18 Hornet can be expected to employ

Requirement. Given the references, construct each timeline that FA-18 Hornet & Super Hornet Aircrew can be expected to employ with the following considerations:

1. NLT Commit
2. NLT Pump
3. Meld
4. Shot Range
5. Last Shot Range
6. Minimum Defense Range (MDR)

7. Minimum Out Range (MOR)
8. Minimum Re-attack Range (MRAR)
9. Minimum Abort Range (MAR)
10. Shot Window
11. Desired Our Range (DOR)
12. Desired Re-attack Range (DRAR)
13. Desired Abort Range (DAR)

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOPGUN Air-to-Air Mission Planning Gouge
3. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
4. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2124 1.0 \* B E G

Goal. State the intercept geometries

Requirement. Given the references, discuss the following geometries and how each are tactically used:

1. Single Side Offset
2. Bracket

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
2. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2126 1.0 \* B E G

Goal. State how targeting contracts differ based on Acceptable Levels of

Risk (ALR)

Requirement. Given the references, discuss the following N/GTD mindsets and ALR, and how they affect fighter employment, as well as the N/GTD section simultaneous targeting contracts, and give an example of when they are applied:

1. Immediate Forward Flow Required (ALR High)
2. Flow Desired (ALR Medium/Low)

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air-to-Air Mission Planning, Chapter 8
2. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2128 2.0 \* B E G

Goal. State standard N/GTD targeting for a section of fighters

Requirement. Given the reference:

1. State the standard section N/GTD targeting against the following presentations where flow is desired:
  - a. Single Group
  - b. Single Group Stack
  - c. Range  $\geq$  OFR
  - d. Range  $\leq$  OFR
  - e. Range  $\leq$  SDR
  - f. Non-Flowable Azimuth 10nm
  - g. Narrow Azimuth  $\leq$  10nm
  - h. Flowable Azimuth
2. State the standard section N/GTD targeting against the following presentations where flow is required:
  - a. Single Group
  - b. Single Group Stack
  - c. Range  $\geq$  DFR
  - d. Range  $\leq$  DFR
  - e. Azimuth

Performance Standard. With the aid of reference, complete each requirement. All targeting examples must address who targets who, what geometry will be used, and the flow decision.

Instructor. AICI



Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42, N/GTD Targeting Lab

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ACAD2-2130 1.0 \* B E G

Goal. State how an FA-18 conducts a Visual Identification (VID) based on defensive tactics

Requirement. Given the reference, brief how an FA-18 conducts a VID with the following tactics:

1. DTD/FT
2. N/GTD

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42, N/GTD Targeting Lab

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ACAD2-2132 1.0 \* B E G

Goal. State the delouse options available to Strike Fighter Aircrew

Requirement. Given the reference, brief the delouse options available to Strike Fighter Aircrew. For each option discuss the following: Type of threat each should be used against, tactics the option may be used with, and lastly the geometry and employment considerations.

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

ACAD2-2134 2.0 \* B E G

Goal. Describe when AIC actions will be taken with associated AIC terms

Requirement. Given the reference, provide the following:

1. Range that AIC can use the group name "Threat Group"
2. Range that AIC can use the group name "Additional Group"
3. Range that AIC can use the group name "Pop-Up Group"
4. Range that AIC will provide tactical range call when facing the following threats:
  - a. SAR-1
  - b. SAR-2/AR-1
5. Callsigns that an AIC can use when providing "Tactical Range" call
6. Tactics used and requirements that must be met for an AIC to provide a leaning-on assessment

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air Control Communications, Chapter 47

ACAD2-2136 1.0 \* B E G

Goal. State the significance of the maneuvers

Requirement. Given the reference, state the significance of the following maneuvers:

1. Maneuver range
2. Maneuver azimuth

Performance Standard. With the aid of reference, pass an exam.

Instructor. AICI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air Control Communications, Chapter 47

#### 11.10.6 LOCAL AREA FAMILIARIZATION (LFAM)

11.10.6.1 Purpose. To familiarize the 7236 with local restricted airspace.

##### 11.10.6.2 General

Admin Notes. This stage is required prior to executing any other Core Skill events. It must be conducted every time the 7236 is assigned to new airspace or required to be refreshed per their training record.

Prerequisites. None.

Crew Requirements. None.

LFAM-2150	5.0	365	B,R,M	L
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Goal. Brief local restricted areas

Requirement. Given source documents and a local map:

1. Identify local restricted areas on a map
2. Identify characteristics of each local restricted area
3. Identify agencies responsible for each local restricted area:
4. Identify communication requirements for each local air control agency.

Performance Standard. Brief the instructor on local restricted areas IAW requirements. Minor errors corrected by the trainee are acceptable.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Local unit SOP

#### 11.10.7 Equipment (EQUIP)

11.10.7.1 Purpose. The purpose of this stage is to train the 7236 on various command and control systems. It will also train the 7236 in setting up and operating the Operations Facility (OPFAC), assist Tactical Data Systems (TDS), communications, and radar personnel.

11.10.7.2 General

Admin Notes. None.

Prerequisite. None.

Crew Requirement. None.

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EQUIP-2160 8.0 \* B OPFAC L

Goal. Emplace and displace the Operations Facility (OPFAC)

Requirement. Given a system diagram, OPFAC components, and the reference:

1. Set up the OPFAC tents.
2. Set up the power distribution components.
3. Set up the network infrastructure components.
4. Set up the War Fighter Consoles (WFCs) and visual display equipment.
5. Initialize the OPFAC operator equipment to include startup and problem identification.
6. Displace the OPFAC.

Performance Standard. With a crew and reference, demonstrate the ability to perform requirement under general supervision.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. Comm Section, Radar Section, Utilities Support, Maintenance Section

Reference.

1. TM 12041A/12050A-OD2, CAC2S User Manual

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EQUIP-2162 4.0 \* B,R T/E Communication Assets L

Goal. Setup organic communications equipment

Requirement. Given operational documents, organic communications equipment, OPFAC, and PPE:

1. Assist with unpacking and setting up the organic communications equipment.
2. Set up voice communications:
  - a. Line-of-sight (LOS) HF/VHF/UHF

- b. Beyond LOS (BLOS) HF
- c. Satellite communications (SATCOM)
- 3. Configure a user interface device (UID) for communications

Performance Standard. Complete the required items IAW planning documents and references. Minor errors corrected by the Marine are acceptable.

Prerequisite. SINCGARS Operators' Course (MarineNet) 8064

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

- 1. MCWP 3-40.3 MAGTF Communications Systems
- 2. MCRP 3-40.\_ MTTP for High Frequency (HF) Automatic Link Establishment (ALE) (ALSA)
- 3. MCRP 3-40.3\_ MTTP for HAVE QUICK Radios (ALSA)

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EQUIP-2164	4.0	*	B	C2 System, CBRN	L
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Goal. Conduct TAOC duties in a Chemical Biological Radiological Nuclear (CBRN) environment

Requirement. Given a scenario, supporting documentation, an operational TAOC, conduct assigned TAOC duties in a simulated CBRN environment. Begin in MOPP-0 and graduate to MOPP-IV over a four hour period. While increasing MOPP levels:

- 1. Identify alternate C2 communications procedures.
- 2. Plan personnel rotations while in MOPP gear.
- 3. Utilize CBRN defense equipment as required.
- 4. Alert subordinate displaced elements.
- 5. Notify external agencies and aircraft.

Performance Standard. Completing the requirement items. The instructor may provide minimal guidance.

Instructor. BI qualified CC

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. TAOC Detachment Commander and representatives from the S-1, S-2, S-3, S-4, S-6.

Reference.

- 1. Marine Corps Common Skills Handbook
- 2. MCO 3400.3\_, Nuclear, Biological, and Chemical Defense (NBCD) Training
- 3. MCRP 3-11.2A, Troop Leader's Guide (Appendix G)
- 4. MCO 3501.9B,R, Marine Corps Combat Readiness Evaluation System

11.10.8 Assistant Controller (AC)

11.10.8.1 Purpose. To teach Marines how to assist the TATC, AIC and DAC in the execution of their assigned duties.

11.10.8.2 General

Admin Notes. This stage of training may be conducted concurrently with other stages.

Prerequisites. 2008, 2012, 2026, 2028.

Crew Requirement. None.

AC-2200      1.0      \*      B      S/L

Goal. Produce a TATC log

Requirement. Given references and operational documents, conduct the following:

1. List required information to extract from the Air Tasking Order (ATO).
2. Utilizing C2 programs, view, sort, and filter, an ATO.
3. Export into a document format (Excel, Text).

Performance Standard. Present the instructor with an error free TATC log.

Instructor. BI

Prerequisite. 2008, 2012, 2026, 2028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TBMCS Users Manual

AC-2202      8.0      \*      B      C2 System      L

Goal. Record aircraft handovers

Requirement. Given a scenario, operational documents, copy of TATC Log, and a C2 System:

1. Monitor aircraft communications
2. Record mission essential information, to include but not limited to:
  - a. Callsign
  - b. Number of aircraft
  - c. Mission
  - d. Altitude and location

e. Tasking

3. Provide aircraft mission essential information to internal crew members in a SALT format.
4. Provide aircraft mission essential information to an external controlling agency in SALT format.
5. Digitally task aircraft.
6. Confirm receipt of handover with external controlling agency.
7. Maintain a logbook (logbooks don't capture every exchange of communication, so don't specify non-digital. An example of something digital recorded in the logbook: "1119 - Digital tasking given to Brain-39 over Link-16." Not the guts of the tasking because it is recorded in another place)

Performance Standard. With the aid of references, complete the required items IAW the reference.

Instructor. BI

Prerequisite. 2008, 2012, 2026, 2028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7 TAOC Handbook

AC-2204	1.0	*	B	C2 System	S/L
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Goal. Make a record of aircraft violating safety of flight protocols

Requirement. Given a scenario, source documents, a C2 system:

1. Review safety protocols for assigned airspace.
2. Provide information of violating aircraft to controller
3. Record aircraft violating safety of flight protocols in the logbook
4. Produce a report describing the violation.

Performance Standard. With the aid of references, complete the required items IAW the reference.

Instructor. BI

Prerequisite. 2008, 2012, 2026, 2028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7 TAOC Handbook

AC-2206      4.0      \*      B      C2 System      L/S

Goal. Maintain system symbology

Requirement. Given a scenario, a C2 system, and aircraft:

1. Input required information into symbology data display window.
  - a. Callsigns
  - b. Identify Friend or Foe (IFF) codes
  - c. Weapons loadouts
2. Maintain previously established classifications of lost tracks in accordance with ID criteria.
3. Monitor track quality of symbol under agency control.
4. Manually maintain tracks with critical symbology.
5. Delete non-mission critical symbols with poor track quality

Performance Standard. With the aid of references, complete the required items IAW the reference.

Instructor. BI

Prerequisite. 2008, 2012, 2026, 2028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7 TAOC Handbook
2. U-TAOC-PCL-03862 Pocket Checklist

AC-2208      8.0      \*      B      C2 System      S/L

Goal. Perform as the assistant to the TATC

Requirement. Given an ATO and C2 system, assist the TATC in:

1. Produce a TATC log
2. Track all aircraft under the control of the TATC on the log.
3. Conduct external/internal handovers.
4. Identify safety of flight issues
5. Maintain symbol management of aircraft
6. Conduct digitally aided control.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI qualified AC, SI qualified AC

Prerequisite. 2008, 2012, 2026, 2028



Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7 TAOC Handbook
2. U-TAOC-PCL-03862 Pocket Checklist

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AC-2210	8.0	*	B	C2 System	S/L
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Goal. Perform as the assistant to the AIC

Requirement. Given a C2 system and operational documents, assist the AIC in:

1. Enter all database items required
2. Manage symbols
3. Conduct digitally aided control
4. Provide the AIC with threat information to include:
  - a. Number of group
  - b. Target altitude
  - c. Target heading
  - d. Formation and tactics
  - e. Target aspect (hot, cold, capping, etc)
5. Identify safety of flight information
6. Compile and forward applicable engagement reports.
7. Notify the AIC when new additional, pop-up, and threat groups are identified
8. Update and manage all weapon system inputs
9. Conduct IFF/SIF checks

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI qualified AC, SI qualified AC

Prerequisite. 2008, 2012, 2026, 2028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Air Control Communications, Chapter 47
2. MCWP 3-25.7 TAOC Handbook

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AC-2212	8.0	*	B	C2 System	S/L
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Goal. Perform as an assistant to the DAC

Requirement. Given a C2 system and operational documents, assist the DAC in:

1. Provide external/internal handovers
2. Manage symbols
3. Update external agencies on mission status
4. Receive and forward Battle Damage Assessment (BDA)
5. Provide tasking information for aircraft to the DAC
6. Update and manage all weapon system inputs

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI qualified AC, SI qualified AC

Prerequisite. 2008, 2012, 2026, 2028

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7 TAOC Handbook

#### 11.10.9 Surveillance Operator (SO)

11.10.9.1 Purpose. To introduce the 7236 to the techniques required to produce and maintain the accuracy, currency and quality of track data.

#### 11.10.9.2 General

Admin Notes. None.

Prerequisite. 2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034.

Crew Requirement. None.

SO-2300	6.0	*	B	C2 System	L
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Goal. Conduct data registration function

Requirement. Given a C2 system, operational tactical data links, organic communications, and a radar and/or non-organic radar input, conduct data registration by the following:

1. Radar Registration
2. Sensor Registration
3. JTIDS/MIDS Unit (JU) Registration

Performance Standard. Complete a data registration.

Instructor. BI

Prerequisite. 2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422

Ordinance. None.

Range. None.

External Syllabus Support. TDS, TDL capable agencies with local output sensor data. Agencies must have at least one operational Link 11, Link 16, or JREAP. Extended interface links are not applicable.

Reference.

CJCSM 6120.01\_ Joint Multi-Tactical Data Link Operating Procedures (JMTOP) Manual

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SO-2302	1.0	*	B	C2 System	L
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Goal. Identify information required to maximize organic radar performance

Requirement. Given the references, identify the input requirements to maximize radar performance:

1. Weather
2. Filters
3. Possible sector inhibits and censor areas
4. Radar alignment
5. Data base entries

Performance Standard. Complete the required items IAW planning documents and references. Minor errors corrected by the trainee are acceptable. The instructor may provide minimal guidance.

Instructor. BI

Prerequisite. 2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. CJCSM 6120.01 Joint Multi-TDL Operating Procedures
3. Joint Multi-TDL Operating Procedures

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SO-2304	2.0	*	B	C2 System	L
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Goal. Conduct a fidelity drill

Requirement. Given the JMTOP, conduct a fidelity drill.

Performance Standard. Complete a fidelity drill.

Instructor. BI

Prerequisite. 2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422

Ordinance. None.

Range. None.

External Syllabus Support. TDS, TDL capable agencies with the ability to output sensor data. Agencies must have at least one operational Link 11, Link 11B, Link 16, or JREAP. Extended interface links are not applicable.

Reference.  
CJCSM 6120.01\_ Joint Multi-Tactical Data Link Operating Procedures (JMTOP) Manual

#### 11.10.10 Tactical Air Traffic Controller (TATC)

11.10.10.1 Purpose. To train the TATC to perform airspace control within the TAOC's assigned sector for all missions not controlled by the AIC.

#### 11.10.10.2 General

##### Admin Notes

(1) This stage of training may be conducted concurrently with other stages provided the prerequisites have been met.

(2) Determining the training track for a specific 7236; air control or air surveillance, occurs after the Marine completes both the DLC and TATC core skill stages. The training track is determined by convening a board of the four Squadron appointed TAOC WTIs and chaired by the Detachment Commander. The determination is by a majority vote.

Prerequisites 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000

Crew Requirement. None.

TATC-2350	1.0	*	B	C2 System	S
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Goal. Provide flight information for an aircraft emergency

Requirement. Given a C2 System and during an aircraft emergency (controlled or uncontrolled), provide flight information during and after per the Pocket Checklist.

Performance Standard. Provide the required items to the instructor without error.

Instructor. BI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.  
U-TAOC-PCL-03862 Pocket Checklist

TATC-2352	8.0	*	B	C2 System	L/S
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Goal. Conduct TATC planning

Requirement. Given a scenario and operational documents,, perform TATC planning for:

1. Local routing procedures for all expected aircraft to include:
  - a. Check in and handover points
  - b. Handover procedures for internal and external handovers
  - c. Control points or airspace reference method (ie: GARS) that will be common between aircrew and controller
  - d. Routing de-confliction plan
2. AAR operations to include:
  - a. Track locations
  - b. Join-ups procedures
  - c. Scheduled tanking events
  - d. Prioritization of receivers
  - e. Routing and handover communications
3. Known safety or flight hazards to include any applicable restricted areas.
4. Military and nonmilitary airspace considerations:
  - a. De-confliction procedures with civil airways/Federal Aviation Administration (FAA).
  - b. Visual Flight Rules (VFR) / Instrument Flight Rules (IFR) regulations.
5. Emergency procedures IAW the PCL and local area SO.
6. Hung ordnance procedures and drop locations.
7. Appropriate data link procedures and planned usage.
8. Slide and retrograde plan as required.
9. RTF/MRR as required.

Performance Standard. Provide a brief to the instructor on the requirements. The Marine should be prepared to answer questions on planning considerations.

Instructor. BI qualified TATC, BI qualified WD

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941,

3200, 3202, 3204, 3206, 6250, 6275, 8000

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Squadron SOP
2. U-TAOC-PCL-03862 Pocket Checklist
3. MCWP 3-25.7, Tactical Air Operation Center (TAOC) Handbook

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TATC-2354	8.0	*	B	C2 System	L/S
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Goal. Perform TATC functions

Requirement. Given a scenario, references, C2 system, core skill proficient weapons section, perform the following TATC functions:

1. Enter and maintain the traffic database per WD direction
2. Authenticate aircraft
3. RIO aircraft utilizing the SALT format
4. Conduct SIF/Mode IV checks
5. Conduct external/internal handovers
6. Conduct Aerial Refueling (AR) operations.
  - a. Route tanker on the appropriate track and provide flight following
  - b. Execute the slide/retrograde plan as the threat dictates or per WD direction.
  - c. Monitor, record and report tanker fuel status.
  - d. Route aircraft to the tanker.
  - e. Route aircraft departing the tanker and handover to the appropriate controller/agency.
7. Route all manned aircraft within assigned airspace
8. Route all UAS within assigned airspace
9. Maintain symbol management.
10. Maintain TATC logs.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI qualified TATC, BI qualified WD

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. Squadron SOP
2. U-TAOC-PCL-03862 Pocket Checklist
3. MCWP 3-25.7, Tactical Air Operation Center (TAOC) Handbook

11.10.11 Data Link Coordinator (DLC)

11.10.11.1 Purpose. To train the 7236 as a DLC in the TAOC.

11.10.11.2 General

Admin Notes.

(1) This stage of training may be conducted concurrently with other stages provided the prerequisites have been met.

(2) Determining the training track for a specific 7236; air control or air surveillance, occurs after the Marine completes both the DLC and TATC core skill stages. The training track is determined by convening a board of the four Squadron appointed TAOC WTIs and chaired by the Detachment Commander. The determination is by a majority vote.

Prerequisite. 2008, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Crew Requirements. None.

DLC-2400	4.0	*	B	C2 System	L
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Goal. Operate Link 11

Requirement. Given the references, operational documents, and a C2 system:

1. Extract required information from the OPTASKLINK
2. Input the required database entries
3. Enter and activate filters
4. Ensure equipment is correctly configured.
5. Ensure cryptographic equipment is keyed.
6. Perform net entry procedures
7. Perform net exit procedures
8. Operate in the following modes:
  - a. Radio Silent.
  - b. Net Control Station (NCS).
  - c. Picket.

Performance Standard. Successfully exchange tracks.

Instructor. BI qualified DLC

Prerequisite. 2004, 2008, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. Link 11 capable platform(s), TDS, AvRad.

Reference.

1. CJCSM 6120.01 Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B
3. Defense Information Systems Agency (DISA) United States Message Text Format (USMTF) Website <https://standmgt.disa.mil/restricted/usmtf/>

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DLC-2402      4.0      365      B,R,M      C2 System      L

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Goal. Operate Link 16

Requirement. Given an OPTASK LINK, Network Description Document (NDD), Initialization Data Load (IDL), and a C2 system:

1. Extract required information from the OPTASK LINK.
2. Enter required database entries per the OPTASK LINK.
3. Enter and activate filters per the OPTASK LINK.
4. Identify Stacked Net assignments for voice and air control
5. Enter and valid stacked net assignments in the database.
6. Validate equipment is configured correctly
7. Validate the equipment is keyed
8. Load the initialization data load (IDL)
9. Perform link entry procedures
10. Perform net exit procedures
11. Achieve fine synchronization with another interface unit
12. Operate in/as the following:
  - a. Radio Silent or data silent
  - b. Network Time Reference (NTR)
  - c. Initial Entry JTIDS Unit (IEJU)

Performance Standard. Conduct a fidelity drill.

Instructor. BI qualified DLC

Prerequisite. 2006, 2008, 2012,2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. Link 16 capable platform(s), TDS,

Reference.

1. CJCSM 6120.01, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. Understanding Link 16 Handbook, A Guidebook for US Navy and US Marine Corps Operators
3. MIL STD 6016, Department of Defense Interface Standard, Tactical Data Link (TDL) 16



DLC-2404      8.0      365      B,R,M      C2 System      L

Goal.    Configure the Joint Range Extension-Gateway (JRE-GW)

Requirement.    Given a C2 system:

1.    Configure own unit data
2.    Configure JRE-GW client software, to include:
  - a.    Clients
  - b.    Roles
  - c.    Client Applications Settings
  - d.    JRE Client Map functions
3.    Configure the JRE Overlay Editor tool.
4.    Configure the following JRE Client Tool menu items:
  - a.    Operator Action
  - b.    eDERG
  - c.    ATO
  - d.    ACO
5.    Configure the JRE-GW to host a Multifunctional Information Distribution System (MIDS) terminal.

Performance Standard.    Complete the requirement items IAW the references. Maintenance, communications personnel, or the instructor may assist with Requirement (1).

Instructor.    BI qualified DLC

Prerequisite.    2008, 2010, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance.    None.

Range.    None.

External Syllabus Support.    TDS, AVCOM, external JREAP capable system

Reference.

1.    JRE Users Guide
2.    CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3.    MIL-STD-6016, TDL 16 Interface Standard
4.    MIL-STD-6017, VMF Interface Standard
5.    MIL-STD-3011, JREAP Interface Standard
6.    MIL-STD-6020, Data Forwarding between TDLs

DLC-2406      4.0      365      B,R,M      JRE-GW      L

Goal.    Operate JREAP A

Requirement.    Given a JRE-GW, SATCOM radio assets, Satellite Access Authorization (SAA), OPTASKLINK, compass or Defense Advanced GPS Receiver (DAGR), and assistance from maintenance and communications sections:

1.    Extract satellite communications information from the SAA.

2. Configure the radio for JREAP A operations.
3. Load crypto into the radio.
4. Validate JREAP A equipment is connected.
5. Validate the SATCOM antenna has the correct elevation and azimuth.
6. Build the JREAP A link in the JRE-GW.
7. Enter and activate filters in the JRE-GW.
8. Enable and disable the correct link connections.
9. Activate and exchange information
10. Demonstrate the ability to operate in the following modes:
  - a. Network Participant
  - b. Network Controller
  - c. Network Listener

Performance Standard. Successfully exchange tracks. Maintenance personnel, communications personnel, or the instructor may assist with items (1) through (5) only.

Instructor. BI qualified DLC

Prerequisite. 2008, 2010, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. AVRAD, TDS, External JREAP capable system, DAMA Satellite Access, Live/Virtual/Constructive Forwarding JTIDS/MIDS Unit Generic Network Controller.

Reference.

1. TO 3155-2TYQ123-8-1, JRE Users Guide
2. CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3. MIL-STD-6016, TDL 16 Interface Standard
4. MIL-STD-6017, VMF Interface Standard
5. MIL-STD-3011, JREAP Interface Standard
6. MIL-STD-6020, Data Forwarding between TDLs

DLC-2408	4.0	365	B,R,M	JRE-GW	L
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Goal. Operate JREAP B

Requirement. Given a JRE-GW, a serial line encryption device, and assistance from maintenance and communications sections:

1. Set-up the serial line encryption device for JREAP B operations
2. Configure the serial line encryption device for JREAP B operations
3. Ensure the serial line encryption device is connected to the JRE-GW and telephone line.
4. Build the JREAP B link in the JRE-GW.
5. Enter and activate filters in the JRE-GW per the OPTASK LINK.
6. Enable and disable the link connections.
7. Activate and exchange information with JREAP B.
8. Deactivate the link.

Performance Standard. Successfully exchange information/data.

Maintenance personnel, communications personnel and the instructor may assist with items (1) and (2) only.

Instructor. BI qualified DLC

Prerequisite. 2006, 2008, 2010, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, switching network, Live/Virtual/Constructive JRE Unit.

Reference.

1. TO 3155-2TYQ123-8-1, JRE Users Guide
2. CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3. MIL-STD-6016, TDL 16 Interface Standard
4. MIL-STD-6017, VMF Interface Standard
5. MIL-STD-3011, JREAP Interface Standard
6. MIL-STD-6020, Data Forwarding between TDLs

DLC-2410	4.0	365	B,R,M	JRE-GW	L
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Goal. Operate JREAP C

Requirement. Given a JRE-GW, SIPRNET access, and assistance from maintenance and communications sections:

1. Ensure the JRE-GW is configured with the correct IP address.
2. Ensure the JRE-GW is connected to the network.
3. Coordinate entry
4. Build JREAP C IP links
5. TCP
6. UDP
7. MTC
8. MTDS
9. Enter and activate filters.
10. Enable and disable the link connections.
11. Activate and exchange information with JREAP-C (either TCP or UDP).
12. Deactivate the link

Performance Standard. Successfully exchange information/data.  
Maintenance personnel, communications personnel and the instructor may assist with items (1) and (2) only.

Instructor. BI qualified DLC, SAD, SI qualified SD

Prerequisite. 2008, 2010, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, Live/Virtual/Constructive JRE Unit.

Reference.

1. TO 3155-2TYQ123-8-1, JRE Users Guide
2. CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3. MIL-STD-6016, TDL 16 Interface Standard
4. MIL-STD-6017, VMF Interface Standard
5. MIL-STD-3011, JREAP Interface Standard
6. MIL-STD-6020, Data Forwarding between TDLs

DLC-2412      4.0      365      B,R,M      C2 System      S/L

Goal. Troubleshoot Link 11

Requirement. Given a C2 system, Link 11, and scenario:

1. Determine if the internal data path being used for Link 11 is functional.
2. Determine if the TAOC is in the NCS's polling sequence.
3. Use transmit and receive quality to determine connectivity.
4. Select and monitor Link 11 messages.
5. Recognize and take appropriate action for an incorrect DLRP.
6. Recognize and take appropriate action for incorrect crypto.
7. Elevate unresolvable issues to the Crew Chief.

Performance Standard. Perform the requirements and explain to the instructor the steps being performed. The instructor will ask questions of the trainee.

Instructor. BI qualified DLC

Prerequisite. 2004, 2008, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, Live/Virtual/Constructive JRE Unit.

Reference.

1. CJCSM 6120.01, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B
3. System Technical Manual

DLC-2414      4.0      365      B,R,M      C2 System      S/L

Goal. Troubleshoot Link 16

Requirement. Given a C2 system with Link 16:

1. Determine if the internal data path being used for Link 16 is functional.
2. Recognize and take appropriate action for incorrect time.
3. Recognize and take appropriate action for incorrect crypto.
4. Recognize and take appropriate action for incorrect IDL.
5. Select and monitor Link 16 messages.
6. Elevate unresolvable issues to the crew chief.

Performance Standard. Perform the requirements and explain to the instructor the steps being performed. The instructor will ask questions of the trainee.

Instructor. BI qualified DLC

Prerequisite. 2006, 2008, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, Live/Virtual/Constructive JRE Unit.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011C Department of Defense Interface Standard, Tactical Data Link (TDL) 16
3. System Technical Manual

DLC-2416	4.0	365	B,R,M	C2 System	S/L
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Goal. Troubleshoot JREAP A

Requirement. Given a C2 system with JREAP A:

1. Use the SATCOM radio's receive signal strength orderwire (RSSOW) to troubleshoot antenna elevation and azimuth.
2. Troubleshoot the SATCOM radio's satellite connection status.
3. Determine if the TAOC's Interface Unit address is in the Network Controller's subscriber list.
4. Elevate unresolvable issues to the crew chief.

Performance Standard. Perform the requirements and explain to the instructor the steps being performed. The instructor will ask questions of the trainee.

Instructor. BI qualified DLC

Prerequisite. 2008, 2010, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2406, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, Live/Virtual/Constructive JRE Unit.

Reference.

1. TO 3155-2TYQ123-8-1, JRE Users Guide
2. CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3. MIL-STD-6016, TDL 16 Interface Standard
4. MIL-STD-6017, VMF Interface Standard
5. MIL-STD-3011, JREAP Interface Standard
6. MIL-STD-6020, Data Forwarding between TDLs

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DLC-2418	4.0	365	B,R,M	C2 System	S/L
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Goal. Troubleshoot JREAP B

Requirement. Given a C2 system with JREAP B:

1. Verify distant end and local settings on the STEs.
2. Identify low quality phones lines to the crew chief.
3. Elevate unresolvable issues to the crew chief.

Performance Standard. Perform the requirements and explain to the instructor the steps being performed. The instructor will ask questions of the trainee.

Instructor. BI qualified DLC

Prerequisite. 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, Live/Virtual/Constructive JRE Unit.

Reference.

1. TO 3155-2TYQ123-8-1, JRE Users Guide
2. CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3. MIL-STD-6016, TDL 16 Interface Standard
4. MIL-STD-6017, VMF Interface Standard
5. MIL-STD-3011, JREAP Interface Standard
6. MIL-STD-6020, Data Forwarding between TDLs

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DLC-2420	4.0	365	B,R,M	C2 System	S/L
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Goal. Troubleshoot JREAP C

Requirement. Given a C2 system with JREAP C:

1. Use the ping and trace route functions to determine if a network connection exists between two computers.
2. Identify firewall exemptions to the communication's section to open blocked ports.
3. Elevate unresolvable issues to the crew chief.

Performance Standard. Perform the requirements and explain to the instructor the steps being performed. The instructor will ask questions of the trainee.

Instructor. BI qualified DLC

Prerequisite. 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2410, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDS, External JREAP capable system, Live/Virtual/Constructive JRE Unit.

Reference.

1. TO 3155-2TYQ123-8-1, JRE Users Guide
2. CJCSM 6120.01, Joint Multi-TDL Operating Procedures
3. MIL-STD-6016, TDL 16 Interface Standard
4. MIL-STD-6017, VMF Interface Standard
5. MIL-STD-3011, JREAP Interface Standard
6. MIL-STD-6020, Data Forwarding between TDLs

DLC-2422	8.0	*	B	C2 System	L
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Goal. Conduct tactical data link coordination

Requirement. Given an exercise or operational scenario:

1. Obtain the communications and data link source documentation for the specified exercise or operation.
2. Identify required crypto short titles in the EKMS callout.
3. Identify communication nets required for TDL coordination.
4. Obtain the Link 16 IDL from the USMC Network Design Facility.
5. Identify required TDL equipment to the SD.
6. Perform Link 16 pulse deconfliction.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation).

Instructor. BI

Prerequisite. 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2400, 2402, 2404, 2406, 2408, 2410, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDL capable agencies. Agencies must have at least one operational Link 11, Link 11B, Link 16, or JREAP. Extended interface links are not applicable.

Reference.

1. CJCSM 6120.01, Joint Multi-TDL Operating Procedures

#### 11.10.12 Air Intercept Controller 1 (AIC1)

11.10.12.1 Purpose. To familiarize the AIC student with the core communications, procedures, and tactics associated with Ground Control Intercepts (GCI).

#### 11.10.12.2 General

##### Admin Notes

(1) Missions will be executed per ROE established by published AAW directives, operational planning orders/documents, or individual mission briefs.

(2) For evaluation purposes, a mission will consist of a fighter mission brief to the AIC, AIC brief to the AICI, execution of the event, AIC debrief to the AICI, and fighter mission debrief to the AIC. Briefing and debriefing standards will be the TOPGUN MANUAL.

(3) Link 16 will be used to the fullest extent possible.

(4) Tactical Combat Training System (TCTS) facilities should be used when available for debriefing.

(5) The primary weapon system will be used to the fullest extent possible. When necessary, events can be conducted from an instrumented range with equipment hosted at the range.

(6) Live AIC events will be accomplished in conjunction with events from the F/A-18 T&R Manual (NAVMC 3500.50\_) that require ground-controlled intercepts (GCI). Weapons and Tactics Training Program (WTP) Officers should coordinate with fighter squadrons to accomplish these events.

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Crew Requirements. A qualified SAD and core skill proficient CC and AC.

AIC1-2500	3.0	*	B	E	C2 System	S
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Goal. Perform AIC functions for a section of fighter aircraft using N/GTD

Requirement. Given a C2 system and a simulation, control a section of fighter aircraft against an unknown threat provide the following:



1. Accurate initial picture
2. Recognition of commit/reset criteria
3. Transition from broadcast control to tactical control
4. Accurate and timely declarations
5. Accurate and timely recognition and communication of maneuvering targets
6. Post merge picture
7. Effective cold ops execution/communication when required
8. Effective communications brevity IAW reference

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

AIC1-2502    3.0    \*    B,R    C2 System    S

Goal. Perform AIC functions for a section of fighter aircraft using DTD

Requirement. Given a C2 system and a simulation, control a section of fighter aircraft against an unknown threat providing the following:

1. Accurate initial picture
2. Recognition of commit/reset criteria
3. Transition from broadcast control to tactical control with proper labels and names
4. Accurate and timely declarations
5. Accurate and timely recognition and communication of maneuvering targets
6. Post merge picture
7. Effective cold ops execution/communication when required
8. Effective communications brevity IAW reference

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

AIC1-2504    3.0    1460    B,R,M    C2 System    L

Goal. Perform AIC functions for a section of fighter aircraft against unknown threat

Requirement. Given a C2 System with live tactical radar inputs control a section of fighter aircraft against an unknown threat and provide the following:

1. Accurate initial picture
2. Recognition of commit/reset criteria
3. Transition from broadcast control to tactical control with proper labels and names
4. Accurate and timely declarations
5. Accurate and timely recognition and communication of maneuvering targets
6. Post merge picture
7. Effective cold ops execution/communication when required
8. Effective communications brevity IAW reference

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordnance. None.

Range. Airspace capable of air-to-air conflict.

External Syllabus Support. Fighter pilot with two or more adversaries.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3

3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

#### 11.10.13 Air Intercept Controller (AIC2)

11.10.13.1 Purpose. To familiarize the AIC student with communications, procedures, and tactics associated with Ground Control Intercepts (GCI).

#### 11.10.13.2 General

##### Admin Notes

(1) Missions will be executed per ROE established by published AAW directives, operational planning orders/documents, or individual mission briefs.

(2) For evaluation purposes, a mission will consist of a fighter mission brief to the AIC, AIC brief to the AICI, execution of the event, AIC debrief to the AICI, and fighter mission debrief to the AIC. Briefing and debriefing standards will be the TOPGUN MANUAL.

(3) Link 16 will be used to the fullest extent possible.

(4) Tactical Combat Training System (TCTS) facilities should be used when available for debriefing.

(5) The primary weapon system will be used to the fullest extent possible. When necessary, events can be conducted from an instrumented range with equipment hosted at the range.

(6) Live AIC events will be accomplished in conjunction with events from the F/A-18 T&R Manual (NAVMC 3500.50\_) that require ground-controlled intercepts (GCI). Weapons and Tactics Training Program (WTP) Officers should coordinate with fighter squadrons to accomplish these events.

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Crew Requirements. A qualified SAD and core skill proficient CC and AC.

AIC2-2550	1.0	*	B,R	L
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Goal. Conduct an N/GTD brief for a section

Requirement. Given the references, conduct an N/GTD AIC brief using proper whiteboard setup, symbology and tactical scenario addressing the following information:

1. Goals of N/GTD tactics
2. Basic employment of each defense type.
3. Section simultaneous targeting contracts.

4. AIC directive targeting rules for N/GTD tactics
5. SAR-1 Basic timeline
6. All flow desired and flow required N/GTD targeting to include:
  - a. Single Group
  - b. Single Group Stack
  - c. 2 Groups Range (Flowable & Non-Flowable)
  - d. 2 Groups Azimuth (Flowable & Non-Flowable)

Performance Standard. Conduct brief with the AICI IAW the references.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Briefing and Debriefing, Chapter 2
2. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8
3. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42
4. TOPGUN MANUAL, Air Control Communications, Chapter 47

AIC2-2552    1.0    \*    B,R    L

Goal. Conduct an FT brief for a division

Requirement. Given the references and a tactical scenario, conduct an FT AIC brief using proper whiteboard setup, and symbology addressing the following information:

1. Goals of FT
2. Basic employment of FT.
3. Requirements to execute FT.
4. Requirements for high-quality Command & Control.
5. SAR-2/AR-1 MOR timeline.
6. All hot and cold FT targeting to include:
  - a. Single Group
  - b. Single Group Stack
  - c. 2 Groups Range
  - d. 2 Groups Azimuth
  - e. 3 Groups Wall
7. Communications during the hot and cold phases of employment
8. The difference between offensive and defensive maneuvers and the associated AIC directive targeting if required.
9. FT VID execution.
10. Transition to an immediate forward flow required mindset.

Performance Standard. Conduct brief with the AICI IAW the references.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN MANUAL, Briefing and Debriefing, Chapter 2
2. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8
3. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42
4. TOPGUN MANUAL, Air Control Communications, Chapter 47

AIC2-2554	3.0	*	B,R	E	C2 System	S
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Goal. Perform fighter timeline awareness

Requirement. Given a C2 system, simulation and while demonstrating fighter time line awareness, control a division of fighter aircraft against unknown threat:

1. Commits/recommends commit of fighters IAW briefed criteria
2. Transition to tactical control automatically as briefed or IAW reference
3. Provide tactical range calls on timeline IAW reference
4. Use of AIC directive targeting when required IAW reference
5. Make appropriate threat calls as needed
6. Use of additional group/pop-up group/threat group IAW reference

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes

2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

AIC2-2556    3.0    \*    B,R    E    C2 System    S

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Goal.    Perform AIC communications

Requirement.    Given C2 systems, simulation and while demonstrating correct communications format,    control a division of fighter aircraft against unknown threat and provide the following:

1.    Correct callsign usage
2.    When using broadcast control, group are referenced in order of priority as briefed
3.    Labels (range, azimuth, ladder, wall, vic, champagne, etc) are used to accurately describe a picture
4.    Label fill-ins (opening, echelon, stack, weighted are provided when applicable and in the correct order
5.    Group numbering or label with additional group(s) is used when a label does not fit
6.    When using tactical control the group that is anchored is the priority group
7.    Bullseye, GeoRef, and BRAA anchor points are used correctly
8.    Communications format fill-ins are provided in the correct order
9.    Strength ("Heavy") provided when appropriate
10.    Declarations are provided accurately with appropriate modifiers
11.    Identification of groups is provided accurately
12.    Format of separation calls is accurate
13.    Format of nails/spike/music/strobe/cons/eyeball range calls is correct

Performance Standard.    Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor.    AICI

Prerequisite.    2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1.    MCRP 3-25B Multi Service Brevity Codes
2.    NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3.    TOPGUN MANUAL, Chapter 1, Communications Brevity
4.    TOPGUN MANUAL, Chapter 47, Air Control Communications

AIC2-2558 3.0 \* B,R E C2 System S

Goal. Perform proactive involvement

Requirement. Given C2 systems and while demonstrating proactive involvement, control a division of fighter aircraft against unknown threat:

1. Makes picture calls pre-commit
2. Recommends/directs commits or resets as briefed or IAW reference
3. Makes "new picture" calls as briefed or IAW reference
4. Provides QA of fighter assignment of targeting/monitoring and directively targets when required
5. Provides descriptive updates
6. Provides QA of fighter flow
7. Separation calls made when briefed or IAW reference
8. Corrects name of group called by fighter, if incorrect, in subsequent calls
9. Uses voice inflection on critical elements of information

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

AIC2-2560 3.0 \* B,R E C2 System S

Goal. Respond to fighter requests

Requirement. Given C2 systems and while demonstrating listening and comprehension skills, control a division of fighter aircraft against unknown threat:

1. Responds to fighter SA request (when appropriate to do so) within two seconds
2. Responds to SA requests with the correct type of response (picture, anchor point selection, threat, etc) IAW reference

3. Acknowledges requests for targeting or monitoring

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

AIC2-2562	3.0	*	B	C2 System	S
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Goal. Perform scope mechanics

Requirement. Given organic tactical systems, references, scenario, and while demonstrating scope mechanics, interpretation, and utilization, control a division of fighter aircraft against unknown threat:

1. Groups are anchored accurately enough to solve for fighter correlation
2. Altitude is provided accurately within system tolerances (including stack recognition)
3. Maintains SA to location of fighters and anchors group to the correct fighter element
4. Recognizes that a group is maneuvering within two radar/IFF updates
5. Gains SA on groups that are new to a problem within three seconds of the instructor
6. Correctly identifies group maneuvers (maneuver in range/azimuth/elevation)
7. Correctly identifies aspects of groups

Performance Standard. Complete the requirement items IAW the reference. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008



Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

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AIC2-2564	3.0	*	B	C2 System	S
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Goal. Perform AIC functions for a division of fighter aircraft performing NTD

Requirement. Given organic tactical systems, references, scenario, and while demonstrating scope mechanics, interpretation, and utilization, control a division of fighter aircraft against unknown threat:

1. Perform fighter timeline awareness
2. Perform AIC communications.
3. Perform proactive involvement
4. Respond to fighter requests
5. Perform scope mechanics

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

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AIC2-2566	3.0	*	B	C2 System	S
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Goal. Perform AIC functions for a division of fighter aircraft performing DTD/FT

Requirement. Given organic tactical systems, references, scenario, and while demonstrating scope mechanics, interpretation, and utilization, control a division of fighter aircraft against unknown threat:

1. Perform fighter timeline awareness
2. Perform AIC communications.
3. Perform proactive involvement
4. Respond to fighter requests
5. Perform scope mechanics

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

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AIC2-2568	3.0	*	B	C2 System	L
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Goal. Perform AIC functions for a division of fighter aircraft performing NTD

Requirement. Given organic tactical systems and while demonstrating scope mechanics, interpretation, and utilization, control a division of fighter aircraft against unknown threat:

1. Perform fighter timeline awareness
2. Perform AIC communications.
3. Perform proactive involvement
4. Respond to fighter requests
5. Perform scope mechanics

Performance Standard. Perform the requirement to a proficient level

(correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. Airspace capable of air-to-air combat.

External Syllabus Support. Fighter aircraft and two or more adversaries.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

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AIC2-2570	3.0	*	B	C2 System	L
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Goal. Perform AIC functions for a division of fighter aircraft performing DTD/FT

Requirement. Given organic tactical systems and while demonstrating scope mechanics, interpretation, and utilization, control a division of fighter aircraft against unknown threat:

1. Perform fighter timeline awareness
2. Perform AIC communications.
3. Perform proactive involvement
4. Respond to fighter requests
5. Perform scope mechanics

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor) IAW the references. Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. Airspace capable of air-to-air combat.

External Syllabus Support. Fighter aircraft and two or more adversaries.

Reference.

1. MCRP 3-25B Multi Service Brevity Codes
2. NTTP 3-03.4, Naval Strike and Air Warfare, Chapter 3
3. TOPGUN MANUAL, Chapter 1, Communications Brevity
4. TOPGUN MANUAL, Chapter 47, Air Control Communications

11.10.14 Deep Air Controller (DAC)

11.10.14.1 Purpose. To familiarize the trainee with control procedures utilized in Offensive Air Support operations.

11.10.14.2 General

Admin Notes. This stage of training may be conducted concurrently with other stages provided the prerequisite have been met.

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Crew Requirement. None.

DAC-2600	6.0	*	B	C2 System	L/S
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Goal. Receive and process deep air operations information

Requirement. Given a C2 system, references, and weapons section:

1. Receive a request for air support and complete a Joint Tactical Airstrike Requests (JTAR) and forward to the Weapons Director (WD).
2. Receive Medical Evacuation (MEDEVAC) information and forward to the WD.
3. Receive and forward Inflight/Pilot Reports (IFREP/PIREP) information to the WD.
- Information to the WD.
4. Maintain a log to include, at a minimum:
  - a. The time aircraft is on station.
  - b. Location.
  - c. Weapons states.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified DAC

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202,

3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 80841, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. Aircraft performing DAS.

Reference.

1. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
2. MCWP 3-25.5, Direct Air Support Center (DASC) Handbook

#### 11.10.15 Missile Controller (MC)

11.10.15.1 Purpose. To familiarize the 7236 with the core communications, procedures, and tactics associated with controlling Ground Based Air Defense (GBAD) assets.

#### 11.10.15.2 General

Admin Notes. None.

Prerequisites. 2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Crew Requirement. None.

MC-2650	4.0	*	B	C2 System	S/L
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Goal. Perform MC functions

Requirement. Given a TAOM, and without a data link, coordinate missile control with GBAD units.

1. Conduct manual assignments against air threats.
2. Disseminate appropriate Weapons Control Status (WCS), Air Defense Warning Condition (ADWC), and States of Alert (SOA).
3. Monitor and post Firing Unit (FU) status.
4. Interface with GBAD units.
5. Maintain information flow to the GBAD units
6. Conduct cross boundary coordination.
7. Compile and forward all engagement reports

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. BI qualified MC

Prerequisite. 2000, 2008, 2012, 2026, 2028,2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028,8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordnance. None.

Range. None.

External Syllabus Support. GBAD Unit

Reference.

1. MCWP 3-22, Antiair Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
4. MCWP 3-25.10, Low Altitude Air Defense (LAAD) Gunner's Handbook

MC-2652	4.0	*	B	C2 System	L/S
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Goal. Perform MC functions

Requirement. Given a TAOM and with a data link, coordinate missile control with multiple GBAD units.

1. Use data link orders to conduct assignments against multiple air threats.
2. Conduct manual assignments against air threats.
3. Disseminate appropriate Weapons Control Status (WCS), Air Defense Warning Condition (ADWC), and States of Alert (SOA).
4. Monitor and post FU status.
5. Interface with GBAD units.
6. Maintain information flow to the GBAD units.
7. Ensure cross boundary coordination.
8. Compile and forward all engagement reports.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified MC

Prerequisite. 2000, 2008, 2012, 2026, 2028,2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028,8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordnance. None.

Range. None.

External Syllabus Support. GBAD unit, Link capable platform(s), TDS, AvRad

Reference.

1. MCWP 3-22, Antiair Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
4. MCWP 3-25.10, Low Altitude Air Defense (LAAD) Gunner's Handbook

11.10.16 Crew Chief (CC)

11.10.16.1 Purpose. To develop proficiency in crew and system management involved in TAOC operations.

11.10.16.2 General

Admin Notes. None.

Prerequisites. To begin the crew chief stage of training, a Marine must complete the prerequisite combinations below:

2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

**AND**

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

**OR**

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Crew Requirement. None.

CC-2700      1.0      \*      B      L

Goal. Perform TAOC Crew Chief administrative functions

Requirement. Given the necessary forms or formats and a scenario, identify the necessary information to complete and route the following reports/forms:

1. Equipment Status report.
2. Daily Operational summary (OPSUM).
3. TAOC Crew position evaluations and qualification recommendations.

Performance Standard. Complete each requirement. The instructor may provide minimal guidance.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

**AND**

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

**OR**

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook

CC-2702	1.0	*	B	S/L
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Goal. Determine prioritization of communication links

Requirement. Given the reference, a list of communication paths, TAOC scenario with communication link failures, perform the following:

1. Establish net restoration priority.
2. Explain restoration priorities.

Performance Standard. The instructor will verbally inform the trainee of three radio, JRE, and data failures. Trainee will brief the instructor on the restoration priority.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116,



2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook

CC-2704	2.0	*	B	C2 System	L
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Goal. Identify communication problems

Requirement. Given an operational C2 system and a scenario with verifiable communications problems:

1. Identify net restoration/maintenance priorities.
2. Determine the communications problems
3. Determine source of the communication problem:
  - a. Operator error
  - b. System degradation
  - c. System jamming
  - d. System intrusion
  - e. System interference
4. Initiating appropriate action and/or reports to correct the problem.

Performance Standard. Complete requirement items IAW the reference; minor errors corrected by the trainee are acceptable. Instructor may evaluate trainee on naturally occurring communication problems without a scenario should they occur.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162,

2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. Comm Section Support

Reference.

1. MCRP 3-40.3B, Radio operator's handbook
2. MCRP 3-40.3C, Antenna Handbook
3. MCWP 3-40.3, Communications and Information Systems

CC-2706      4.0      1460      B,R,M      L

Goal. Conduct a crew changeover

Requirement. Given a scenario, supporting documentation, an operational TAOC with a passage of control checklist, demonstrate the ability to effectively conduct the following tasks while managing a TAOC crew:

1. Conduct pre watch brief, crew change brief and debrief.
2. Manage Communication assets.
3. Extract critical information from supporting documents.
4. Maintain a log of significant events.
5. Review forms for completeness and accuracy.
6. Ensure information processed by the TAOC is complete and accurate and routed to the appropriate agency.
7. Ensure situational displays are maintained accurately.
8. File all forms and conduct an operational summary daily.
9. Ensure equipment status reports are completed daily.
10. Ensure crewmembers are being trained and evaluated.
11. Conduct a passage of control as necessary.

Performance Standard. Conduct duties of a Crew Chief (requiring minimal input from the instructor) while a TAOC passes or receives control of airspace.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018,

2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058,  
2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116,  
2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162,  
2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352,  
2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422,  
2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600,  
2650, 2652, 2700, 2702, 2704, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250,  
6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022,  
8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086,  
8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255,  
6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066,  
8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook

CC-2708      1.5      \*      B      L

Goal. Conduct TAOC site selection/map survey

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL), Commander's guidance, and a general location, select a site that will support TAOC operations and draw a site diagram accounting for the following considerations:

1. Identify environmental concerns that may affect TAOC communication.
2. Site security.
3. Camouflage and dispersion.
4. Trafficability.
5. Location of communications and support equipment.
6. Priority for equipment emplacement.
7. Echelon considerations.
8. Identify composition of the Pre-deployment site survey team.
9. Identify alternate sites.

Performance Standard. Brief the instructor and answer questions on the site selected.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018,

2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. TM 10576C-OI/1, Communication Interface System CAC2S(V)3
4. TM 10576D-OI, Communication Interface System CAC2S(V)4

CC-2710      1.5      \*      B      S/L

Goal. Prepare a plan for TAOC displacement operations

Requirement. Given a scenario-based Tactical Decision Game (TDG):

1. Define TAOC displacement operations.
2. Explain the steps of TAOC displacement operations IAW the references.
3. Write a plan for the TAOC to displace, annotate identified issues of concern.

Performance Standard. Complete all the requirement items IAW the references. Instructor will discuss each item with the trainee. The written plan must support the scenario.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910,

2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. MCWP 5-1, Marine Corps Planning Process (MCPPE)
4. MCO 3501.9B,R, Marine Corps Combat Readiness Evaluation System
5. MAGTF Operations Ashore

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CC-2712	80.0	*	B	S
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Goal. Create and supervise the conduct of a TAOC Simulation

Requirement. Given a list of training objectives, plan, coordinate, and execute a TAOC simulation to include:

1. Develop a scenario IAW training objectives.
2. Build a TAOC simulation to support the scenario
3. Submit the scenario to the instructor.
4. Request required communications and support equipment
5. Identify white cell requirements
6. Oversee setup of the TAOC and white cell
7. Ensure execution and evaluation of the scenario
8. Compile After-Action items

Performance Standard. Complete all the requirement items while working with an SAD.

Instructor. BI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004,

8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028,  
8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255,  
6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066,  
8067

Ordinance. None.

Range. None.

External Syllabus Support. S-6, S-4, MT/UT, 7210

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.5, TAOC Handbook
3. MCO 3501.9B,R,Marine Corps Combat Readiness Evaluation System
4. MCWP 5-1, Marine Corps Planning Process (MCPPE)
5. MSTP Pamphlet 5-0.3, MAGTF Planner's Reference Manual

#### 11.10.17 Detachment Chief (DCHF)

11.10.17.1 Purpose. To develop proficiency in crew and system management involved in TAOC operations.

#### 11.10.17.2 General

Admin Notes. None.

Prerequisites. None.

Crew Requirement. None.

DCHF-2800	1.0	*	B	L
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Goal. Supervise emplacement of the TAOC

Requirement. Given a site diagram with notation, a TAOC crew, a Communication electronics crew, support personnel, and TAOC equipment, perform the following:

1. Coordinate site security.
2. Camouflage equipment and site.

Performance Standard. Emplace a TAOC IAW with the site diagram.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. Comm Section, support personnel

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. TM 10576C-OI/1, Communication Interface System CAC2S(V)3
4. TM 10576D-OI, Communication Interface System CAC2S(V)4

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DCHF-2802    1.0    \*    B    L

Goal. Develop and execute a load plan

Requirement. Given a movement order, Equipment Density List (EDL), and manning document:

1. Examine available personnel, equipment, vehicles, and trailers.
2. Determine priorities for loading and unloading based on position occupation plan.
3. Determine convoy order based on position occupation plan.
4. Graphically display personnel and equipment carried in each vehicle or trailer.
5. Ensure classified cargo, sensitive cargo, and hazardous material (HAZMAT) is properly loaded.
6. Establish bump plan for personnel, equipment, and classified material should vehicle/trailer become disabled.
7. Conduct Pre-Combat Inspections (PCI).
8. Coordinate with supporting sections to produce: BOM, EDL, LSR, physical security of the site

Performance Standard. Conduct all the items in accordance with the references.

Instructor. BI

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCRP 4-11.3G Unit Embarkation Handbook
2. FM 4-01.011 Unit Movement Operations

11.10.18 Command and Control Systems (C2SYS)

11.10.18.1 Purpose. To develop proficiency in utilizing the command and control systems used in TAOC operations.

#### 11.10.18.2 General

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. The table below lists all C2SYS events that are to be completed by personnel, position dependent:

EVENT CODE	EVENT NAME	POSITION	PRE-REQS
C2SYS-2910	Use the Execution Status and Monitoring (ESTAT) tool	AC, SO, TATC	None
C2SYS-2940	Set up and establish communications utilizing tactical chat	CC, AC, SO, AIC	None
C2SYS-2941	Operate Web Development Software (i.e. SharePoint)	CC, AC	None
C2SYS-2943	Operate the Joint Range Extension Gateway	CC, DLC	None

Prerequisite. None.

Crew Requirements. None

#### 11.11 MISSION SKILL TRAINING (3000)

11.11.1 Purpose. Mission Skill training consists of advanced events that provide training on processes within the TAOC and develop the ability of the 7236 to perform their duties as a member of a TAOC crew while conducting TAOC operations. After designation as an Interface Controller or Air Controller, the 7236 will train in crew leadership and employment along side a student or qualified SAD.

#### 11.11.2 General

##### 11.11.2.1 Prerequisite

(1) The EQUIP stage must be completed prior to conducting mission skills training.

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

##### 11.11.2.2 Admin Notes

(1) During the 7236s focused training in Interface Coordination or Air Control, cross training is encouraged.

(2) For the culmination mission skill event (evaluation of knowledge, skills and attitudes prior to recommendation for qualification), only C2 systems found on the MACS Table of Equipment will be used.

11.11.2.3 Stages. The following stages are included in the Core Skill Phase of training:

PAR NO.	STAGE NAME
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11.11.3	ACADEMICS (ACAD)
11.11.4	ASSISTANT CONTROLLER (AC)
11.11.5	SURVEILLANCE OPERATOR (SO)
11.11.6	TACTICAL AIR TRAFFIC CONTROLLER (TATC)
11.11.7	DATA LINK COORDINATOR (DLC)
11.11.8	AIR INTERCEPT CONTROLLER (AIC3)
11.11.9	DEEP AIR CONTROLLER (DAC)
11.11.10	MISSILE CONTROLLER (MC)
11.11.11	CREW CHIEF (CC)
11.11.12	DETACHMENT CHIEF (DCHF)

### 11.11.3 ACADEMICS (ACAD)

11.11.3.1 Purpose. To provide standardized training for the 7236 operating tactical data systems in the TAOC.

#### 11.11.3.2 General

Admin Notes. None.

Prerequisites. None.

Crew Requirements. None.

ACAD-3000    6.0    \*    B    E    G

Goal. State the responsibilities for, planning, and operating procedures for the Multi-Link Interface

Requirement. Given the reference:

1. State the concept and information exchange within the Multi-Link Interface.
2. List the technical functions of the Multi-Link Interface.
3. List the three elements of the Multi-Link Interface.
4. Define the following Interface Units:
  - a. Interface Unit (IU)
  - b. JTIDS/MIDS Unit (JU)
  - c. Command and Control JTIDS/MIDS Unit (C2JU)
  - d. Non-Command and Control JTIDS/MIDS Unit (Non-C2JU)
  - e. Participating Unit (PU)
  - f. Reporting Unit (RU)
  - g. Supporting Unit (SU)
  - h. Forwarding JTIDS/MIDS Unit A (FJUA)
  - i. Forwarding JTIDS/MIDS Unit B (FJUB)
  - j. Forwarding JTIDS/MIDS Unit AB (FJUAB)
  - k. Forwarding Participating Unit (FPU)
  - l. Forwarding Reporting Unit (FPU)
  - m. Concurrent Interface Unit (CIU)
5. Define the Basic Interface and list its three data links.
6. Define the Extended Interface.

7. Define the following interface voice coordination nets:
  - a. Air Defense Command and Control Net (ADCCN)
  - b. Engagement Coordination Net (ECN)
  - c. Data Link Coordination Net (DCN)
  - d. Track Supervision Net (TSN)
  - e. Voice Product Net (VPN)
8. Define Data Forwarding.
9. Define Current Operations.
10. Define Data Looping.
11. State the purpose of the following data registrations:
  - a. Geodetic registration
  - b. Sensor registration
  - c. Remote Interface unit (IU/JU) registration
12. State the purpose of the Operational Tasking Links (OPTASK LINK) message.
13. State the purpose of the Common Message Processor (CMP) and discuss its relationship to the OPTASK LINK.
14. Define the following prearranged data items:
  - a. Interface Unit (IU) Addresses, to include legal ranges
  - b. Track Number (TN) Allocation, to include legal ranges
  - c. Data filters, to include usages
  - d. Adaptive values
15. Describe the delegation of responsibilities for the conduct of Multi-Link operations at the Joint Task Force (JTF) level and below.
16. Define the responsibilities of the Joint Data Network Officer and list the subordinate networks he/she has the responsibility of coordinating and integrating information within.
17. List the eight Interface Control Officer planning functions.
18. List the two Interface Control Officer execution functions.
19. State the responsibilities of the Link 16 Manager.
20. State the responsibilities of the Link 11/11B Manager.
21. State the responsibilities of the Track Data Coordinator.
22. List the minimum requirements for Services that operate the Multi-Link Interface.
23. List the typical planning input requirements for the following areas:
  - a. Operational environment
  - b. Interface participants
  - c. Capabilities and limitations of supporting tactical data links

Performance Standard. Pass an exam.

Instructor. SI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. Defense Information Systems Agency (DISA) United States Message Text Format (USMTF) Website <https://standmgt.disa.mil/restricted/usmtf/>



3. Associated missile
4. Early warning & target engagement radars
5. Minimum & maximum recommended intercept ranges
6. Minimum & maximum recommended intercept altitudes
7. Countries each system has been proliferated to.

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. AFTTP 3-1.2, Chapter 5 & 10, threat Reference Guide and Countertactics
2. TOPGUN MANUAL, Surface-to-Air threat and Countertactics
3. MSIC Website (<http://www.msic.dia.smil.mil>)
4. ONI Foreign Naval Capabilities and Systems Handbook  
([http://seawolf.nmic.navy.smil.mil/PRODUCTS/201108\\_niddvd/?clid=155](http://seawolf.nmic.navy.smil.mil/PRODUCTS/201108_niddvd/?clid=155))

ACAD-3014    1.0    \*    B    E    G

Goal. Discuss mission sets and associated terms

Requirement. Given the references, discuss the advantages and disadvantages of the following mission sets and associated terms:

1. Defense-in-Depth Strike
2. Force Concentration Strike
3. Multiple Axis Strike
4. Push Point
5. Timing Control Point
6. Decision Point
7. Initial Point
8. Egress Control Point
9. Egress Flow Point
10. Striker Targeting Tool
11. Target Area Commit

Performance Standard. Pass an exam.

Instructor. AICI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. JP 3-01.4 Joint SEAD
2. NTTP 3-03.4 Naval Strike and Air Warfare, Chapter 4
3. TOPGUN MANUAL, Laser Guided Weapons, Chapter 35
4. TOPGUN MANUAL, Direct Attack Weapons, Chapter 36
5. TOPGUN MANUAL, Standoff Weapons, Chapter 37
6. TOPGUN MANUAL, Large Force Employment, Chapter 43
7. TOPGUN MANUAL, FA-18 Air-to-Surface Fundamentals, Chapter 44

11.11.4 Assistant Controller (AC)

11.11.4.1 Purpose. To teach Marines how to assist the TATC, AIC and DAC in the execution of their assigned duties.

11.11.4.2 General

Admin Notes. This stage of training may be conducted concurrently with other stages.

Prerequisite. 2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212

Crew Requirement. None.

AC-3200	8.0	*	B	C2 System	L/S
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Goal. Perform as an Assistant Controller to the TATC

Requirement. Given an operational documents and C2 system, assist the TATC in:

1. Produce a TATC log
2. Maintain a TATC log.
3. Conduct external/internal handovers.
4. Identify safety of flight issues
5. Maintain symbol management of aircraft
6. Conduct digitally aided control.

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified AC

Prerequisite. 2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

AC-3202      8.0      \*      B      C2 System      L/S

Goal.    Perform as an Assistant Controller to the AIC

Requirement.    Given a C2 system and operational documents, assist the AIC in:

1. Enter all database items required
2. Manage symbols
3. Conduct digitally aided control
4. Provide the AIC with threat information to include:
  - a. Number of group
  - b. Target altitude
  - c. Target heading
  - d. Formation and tactics
  - e. Target aspect (hot, cold, capping, etc)
5. Identify safety of flight information
6. Compile and forward applicable engagement reports
7. Notify the AIC when new additional, pop-ups, and threat groups are identified
8. Update and manage all weapon system inputs
9. Conduct IFF/SIF checks

Performance Standard.    Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor.    SI qualified AC

Prerequisite.    2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

AC-3204      8.0      \*      B      C2 System      L/S

Goal.    Perform as an Assistant Controller to the DAC

Requirement.    Given a C2 system and operational documents, assist the DAC in:

1. Provide external/internal handovers
2. Manage symbols
3. Update external agencies on mission status
4. Receive and forward Battle Damage Assessment (BDA)

5. Provide tasking information for aircraft to the DAC
6. Update and manage all weapon system inputs

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified AC

Prerequisite. 2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

AC-3206	8.0	1095	B,R,M	E	C2 System	L/S
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Goal. Perform as the Assistant Controller

Requirement. Given an C2 system and operations documents, assist the TATC, AIC or DAC in:

1. Production of a TATC log.
2. Manage the TATC log by tracking all aircraft under the control of your section.
3. Assist in the conduct of external/internal handovers.
4. Maintain proper symbol management of aircraft under the control of your section.
5. Enter all database items required for the mission.
6. Provide threat information.
7. Update external agencies on mission status via IRC or other C2 systems.
8. Receive and forward Battle Damage Assessment (BDA).
9. Assist the controller during an aircraft emergency

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified AC

Prerequisite. 2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 3200, 3202, 3204

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, TAOC Handbook

11.11.5 Surveillance Operator (SO)

11.11.5.1 Purpose. To train the 7236 on the techniques required to produce and maintain the accuracy, currency and quality of track data that is received and transmitted by the Tactical Air Operations Center (TAOC). The SO will coordinate with perform duties including, but not limited to assisting the Surveillance Director with radar optimization, conducting data registration, interface anomaly resolution, combat identification, and electronic protection feature operations.

11.11.5.2 General

Admin Notes. None.

Prerequisite. 2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Crew Requirement. A core skill proficient surveillance section.

SO-3300	8.0	*	B,R	C2 System	L
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Goal. Perform track data coordination/management function

Requirement. Given the references and an operational C2 system:

1. Perform net control station (NECOS) responsibility on the Track Supervision Net (TSN)
2. Coordinate the changes in TAOC's track production area as the tactical situation changes
3. Coordinate the TAOC's usage of data filters
4. Coordinate the TAOC's usage of special points, lines, and areas on the Multi-Link Interface
5. Conduct manual correlation of local and remote track data
6. Perform the resolution of the following interface anomalies:
  - a. Dual designations
  - b. Duplicate tracks
  - c. Identification conflicts
  - d. Category and environment conflicts
7. Utilize data link orders to assist in the resolution of interface anomalies

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SD, SI qualified SO

Prerequisite. 2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034,



2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDL capable agencies with the ability to output sensor data. Agencies must have at least one operational Link 11, Link 11B, Link 16, or JREAP. Extended interface links are not applicable.

Reference.

1. CJCSM 6120.01\_ Joint Multi-Tactical Data Link Operating Procedures (JMTOP) Manual

SO-3302	8.0	*	B,R	C2 System	L
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Goal. Perform combat identification functions

Requirement. Given the reference and an operational C2 system:

1. Conduct briefed identification and classification procedures
2. Adhere to published identification criteria and Rules of Engagement when evaluating unknown contacts
3. Conduct symbol management with a focus on data entry and amplifying track identification
4. Coordinate with external electronic identification platforms to obtain track identification information
5. Configure the Warfighter console global alert and track/contact/IFF Doctrine functions to supplement combat identification functions

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified SD, SI qualified SO

Prerequisite. 2000, 2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDL capable agencies with the ability to output sensor data. Agencies must have at least one operational Link 11, Link 11B, Link 16, or JREAP. Extended interface links are not applicable.

Reference.

1. CJCSM 6120.01\_ Joint Multi-Tactical Data Link Operating Procedures

(JMTOP) Manual

SO-3304      8.0      \*      B,R      C2 System      L

Goal.    Perform Electronic Warfare (EW) operations

Requirement.    Given the references and an operational C2 system:

1. Enter TAOC EMCON plan and missile thresholds in the database
2. Detect, identify and report any jamming to the CC
3. Compile, forward, and file as appropriate, a Joint Spectrum Interference Resolution (JSIR) report
4. Fix location of threat jammers with proper symbology (strokes/air tracks)
5. React to EMCON alert and implement TAOC EMCON plan per SD direction
6. Coordinate with the radar section to optimize radar performance in an EW environment

Performance Standard.    Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor.    SI qualified SD, SI qualified SO

Prerequisite.    2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance.    None.

Range.    None.

External Syllabus Support.    Radar Section

Reference.

1. CJCSM 6120.01\_ Joint Multi-Tactical Data Link Operating Procedures (JMTOP) Manual

SO-3306      8.0      1095    B,R,M      E      C2 System      L

Goal.    Perform as an SO

Requirement.    Given the references and an operational C2 system:

1. Establish communications with all track producers on the track data coordination net or other approved means of communication
2. Direct and supervise the conduct of fidelity drills
3. Enforce tracking responsibilities per the OPTASK LINK or other published directive
4. Identify the root cause and resolve any dual designations
5. Conduct any other track data management duties as directed by the Interface Control Officer

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation). Minor errors corrected by the trainee are acceptable.

Instructor. BI qualified SO, SI qualified SD

Prerequisite. 2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. TDL capable agencies with the ability to output sensor data. Agencies must have at least one operational Link 11, Link 11B, Link 16, or JREAP. Extended interface links are not applicable.

Reference.

1. CJCSM 6120.01\_ Joint Multi-Tactical Data Link Operating Procedures (JMTOP) Manual

#### 11.11.6 Tactical Air Traffic Controller (TATC)

11.11.6.1 Purpose. To train the TATC to perform airspace control within the TAOC's assigned sector for all missions not controlled by the AIC.

#### 11.11.6.2 General

Admin Notes. None.

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Crew Requirement. A core skill proficient weapons section.

TATC-3350	8.0	1095	B,R,M	E	C2 System	L/S
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Goal. Perform as TATC

Requirement. Given a C2 system and while performing as a TATC during a live training evolution:

1. Enter and maintain the traffic database per WD direction
2. RIO aircraft, to include:
  - a. Covered Comm
  - b. Authentication procedures
3. Conduct SIF/Mode IV checks on all applicable aircraft
4. Conduct external/internal handovers of aircraft as required

5. Conduct Aerial Refueling (AR) operations:
  - a. Route tanker on the appropriate track and provide flight following as required
  - b. Execute the slide/retrograde plan as the threat dictates or per WD direction
  - c. Monitor, record and report tanker fuel status
  - d. Route aircraft to the tanker
  - e. Route aircraft departing the tanker
6. Route all UAS within assigned airspace while deconflicting with manned aircraft
7. Maintain proper symbol management
8. Maintain appropriate TATC logs

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI qualified TATC

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. Airspace capable of conducting air-to-air engagements.

External Syllabus Support. Aircraft, DASC, TACC, 7210

Reference.

1. Squadron SOP
2. U-TAOC-PCL-03862 Pocket Checklist
3. MCWP 3-25.7, Tactical Air Operation Center (TAOC) Handbook

11.11.7 Data Link Coordinator (DLC)

11.11.7.1 Purpose. To train the 7236 in the coordination and employment of the tactical data links organic to the TAOC.

11.11.7.2 General

Admin Notes. None.

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Crew Requirements. A core skill proficient surveillance section.

DLC-3400      8.0      \*      B      C2 System      L

Goal.    Conduct tactical data link coordination

Requirement.    Given a C2 system and a radar in a multi-TDL environment:

1.    Ensure data link database entries are entered and correct
2.    Ensure TAOC data link equipment is configured
3.    Ensure TAOC cryptographic equipment is keyed
4.    Enter and activate filters in accordance with the OPTASK LINK
5.    Activate TDLs as directed by SD
6.    Evaluate TDL performance and recommend needed changes to SD
7.    Maintain a visual depiction of the TAOC's TDL architecture
8.    Coordinate with external agencies in the conduct of multi-TDL operations

Performance Standard.    Perform the requirement to a proficient level  
(correct, efficient and skillful execution of tasks without hesitation).

Instructor.    SI

Prerequisite.    2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018,  
2026, 2028, 2030, 2034, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200,  
2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406,  
2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006,  
3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6275, 8000, 8001, 8002,  
8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026,  
8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065,  
8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance.    None.

Range.    None.

External Syllabus Support.    TDL capable agencies.    Agencies must have at  
least one operational Link 11, Link 11B, Link 16, or JREAP.    Extended  
interface links are not applicable.

Reference.

1.    CJCSM 6120.01\_ Joint Multi-TDL Operating Procedures (JMTOP) Manual
2.    JRE Users Guide
3.    MCWP 3-25.7, TAOC Handbook

DLC-3402      8.0      1095      B,R,M      E      C2 System      L

Goal.    Perform as a DLC

Requirement.    Given a multi-TDL environment, and operational documents:

1.    Operate and troubleshoot the following tactical data links:
  - a.    Link 11
  - b.    Link 11B
  - c.    Link 16, to include JREAPs
2.    Conduct all required logbook entries

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation).

Instructor. SI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. TDL capable agencies. Agencies must have at least one operational Link 11, Link 11B, Link 16, or JREAP. Extended interface links are not applicable.

Reference.

1. CJCSM 6120.01\_ Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. JRE Usres Guide
3. MCWP 3-25.7, TAOC Handbook

#### 11.11.8 Air Intercept Controller (AIC3)

11.11.8.1 Purpose. To provide the AIC with communication skills, procedures, and tactics associated with Ground Control Intercepts (GCI).

#### 11.11.8.2 General

##### Admin Notes

(1) Missions will be executed per ROE established by published AAW directives, operational planning orders/documents, or individual mission briefs.

(2) For evaluation purposes, a mission will consist of a fighter mission brief to the AIC, AIC brief to the AICI, execution of the event, AIC debrief to the AICI, and fighter mission debrief to the AIC. Briefing and debriefing standards will be the TOPGUN MANUAL.

(3) The primary weapon system will be used.

(4) Live AIC events will be accomplished in conjunction with events from the F/A-18 T&R Manual (NAVMC 3500.50\_) that require ground-controlled intercepts (GCI). Weapons and Tactics Training Program (WTTT) Officers should coordinate with fighter squadrons to accomplish these events.

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202,

2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2910, 2940, 2941, 3012, 3014, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Crew Requirement. Core skill proficient weapons section.

AIC3-3500 1.0 \* B,R L

Goal. Conduct N/GTD brief for a division

Requirement. Given the references, conduct N/GTD AIC briefing lab adhering to the following criteria using proper whiteboard setup, symbology and tactical scenario for a division of fighters, addressing the following information:

1. Goals of N/GTD tactics
2. Basic employment of each type of defense
3. Division simultaneous targeting contracts
4. Meanings and tactical implications of Medium and High risk mindsets
5. Construct and discuss the SAR-1 Basic timeline
6. Discuss all targeting for both the ingress and egress to include the following:
  - a. Single Group
  - b. Single Group Stack
  - c. 2 Groups Range
  - d. 2 Groups Azimuth
  - e. 3 Groups Wall
  - f. 3 Groups Champagne
  - g. 3 Groups Vic
7. Target area commit and AIC's responsibilities

Performance Standard. Conduct brief with the AICI IAW the references.

Instructor. AICI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2910, 2940, 2941, 3012, 3014, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOGPUN AAMP Gouge
3. TOPGUN MANUAL, Briefing and Debriefing, Chapter 2
4. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8
5. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

AIC3-3502 1.0 \* B,R L

Goal. Conduct DTD brief for a division

Requirement. Given the references, conduct DTD AIC briefing lab adhering to the following criteria using proper whiteboard setup, symbology and tactical scenario for a division of fighters, addressing the following:

1. Goals of DTD tactics
2. Employment considerations
3. Construct and discuss the SAR-2/AR-1 MOR timeline
4. Traditional labels as well as leading edge comm
5. Requirements and capabilities in order for AIC to provide a leaning on assessment
6. All hot and cold targeting examples to include the following
  - a. Single Group
  - b. Single Group Stack
  - c. 2 Groups Range
  - d. 2 Groups Azimuth
  - e. 3 Groups Wall
  - f. 3 Groups Champagne
  - g. 3 Groups Vic
7. DTD VID execution
8. Patriot handoff procedures
9. Patriot employment considerations

Performance Standard. Conduct brief with the AICI IAW the references.

Instructor. AICI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2910, 2940, 2941, 3012, 3014, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. TOPGUN Fleet Recommendations
2. TOGPUN AAMP Gouge
3. TOPGUN MANUAL, Briefing and Debriefing, Chapter 2



4. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8
5. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

AIC3-3504 4.0 1095 B,R,M E C2 System L

Goal. Perform AIC functions with a division of fighter aircraft

Requirement. Given C2 systems control a division of fighter aircraft against unknown threat provide the following:

1. Use of correct communications format
2. Demonstration of fighter timeline awareness
3. Demonstrate proactive involvement
4. Demonstrate listening and comprehension skills
5. Proper use of scope mechanics, interpretation and utilization (from system utilized)

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. AICI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2910, 2940, 2941, 3012, 3014, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. Airspace capable of conducting air-to-air engagements.

External Syllabus Support. Fighter aircraft with two or more adversaries.

Reference.

1. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8s
2. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42

#### 11.11.9 Deep Air Controller (DAC)

11.11.9.1 Purpose. The DAC is responsible for targeting, weaponeering, and general safety of flight for aircraft.

#### 11.11.9.2 General

Admin Notes. For evaluation purposes, a mission will consist of a brief, execution and debrief of each event.

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Crew Requirement. A core skill proficient weapons section

DAC-3600      6.0      1460      B,R,M      E      C2 System      S/L

Goal. Control aircraft in deep air operations

Requirement. Given requisite communications equipment and a scenario involving aircraft in deep air operations:

1. Control Armed Reconnaissance (AR) aircraft
2. Control Strike Coordination and Reconnaissance (SCAR) aircraft
3. Control Air Interdiction (AI) aircraft.
4. Control Suppression of Enemy Air Defenses (SEAD) aircraft.
5. Coordinate aerial refueling operations.
6. Conduct handovers with adjacent and external agencies.
7. Control and deconflict MAGTF and Joint aviation assets.
8. Deconflict long-range surface fires
10. Receive and forward Inflight/Pilot Reports (IFREP/PIREP)
11. Receive requests for air support

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. Ground and air spaces capable of conducting deep air support missions.

External Syllabus Support. Aircraft performing a DAS mission.

Reference.

1. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook

2. MCWP 3-25.5, Direct Air Support Center (DASC) Handbook

11.11.10 Missile Controller (MC)

11.11.10.1 Purpose. To provide the 7236 with the communication skills, procedures, and tactics to control GBAD assets.

11.11.10.2 General

Admin Notes. None.

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Crew Requirement. A core skill proficient weapons section.

MC-3650	4.0	1460	B,R,M	E	C2 System	S/L
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Goal. Perform manual MC functions

Requirement. Given a C2 System, and without a data link, coordinate missile control with GBAD units:

1. Conduct manual assignments against air threats
2. Disseminate appropriate Weapons Control Status (WCS), Air Defense Warning Condition (ADWC), and States of Alert (SOA)
3. Monitor and post status of Firing Unit (FU)
4. Coordinate TAOC Theater Missile Defense (TMD) capabilities and limitations and interface with GBAD units
5. Conduct cross boundary coordination
6. Compile and forward all engagement reports

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087,

8088

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-22, Antiair Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
4. MCWP 3-25.10, Low Altitude Air Defense (LAAD) Gunner's Handbook

MC-3652      4.0      1460      B,R,M      E      C2 System      S/L

Goal. Perform MC functions

Requirement. Given a TAOM and with a data link, coordinate missile control with multiple GBAD units:

1. Use data link orders to conduct assignments against multiple air threats
2. Conduct manual assignments against air threats
3. Disseminate appropriate Weapons Control Status (WCS), Air Defense Warning Condition (ADWC), and States of Alert (SOA)
4. Monitor and post FU status
5. Coordinate TAOC TMD capabilities and limitations and interface with GBAD units
6. Conduct cross boundary coordination
7. Compile and forward all engagement reports

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordnance. None.

Range. None.

External Syllabus Support. TDL capable GBAD unit

Reference.

1. MCWP 3-22, Antiair Warfare
2. MCWP 3-25, Control of Aircraft and Missiles
3. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook
4. MCWP 3-25.10, Low Altitude Air Defense (LAAD) Gunner's Handbook

11.11.11 Crew Chief (CC)

11.11.11.1 Purpose. To develop proficiency in crew and system management involved in TAOC operations. At the completion of this stage of training, individuals will be recommended for qualification as a TAOC Crew Chief.

11.11.11.2 General

Admin Notes. None.

Crew Requirement. None.

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

**AND**

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

**OR**

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

CC-3700      1.5      \*      B,R      L

Goal. Assist in the conduct of a site survey

Requirement. Given a scenario, applicable references, a TO/E and mission statement, determine an appropriate site for system emplacement, at a minimum:

1. Determine a primary and secondary site location
2. Identify obstructions and hazards
3. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Fuels (HERF), Hazardous Electronic Radiation to Ordnance (HERO), and Hazardous Electronic Radiation to Personnel (HERP) regulation
4. Identify power and fuel requirements
5. Design a site layout

Performance Standard. Complete each requirement item while working with an SAD. The trainee will provide the instructor with reasoning for the following (instructors are encouraged to discuss site survey in depth with the trainee):

1. Selection of the primary and secondary site.
2. Site limitations for each site (if any).
3. How each site will support mission requirements.
4. Determine a security plan.

Instructor. SI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

**AND**

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

**OR**

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. 7210

Reference.

1. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook

CC-3702	10.0	*	B	C2 System	L
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Goal. Perform system troubleshooting

Requirement. Given a faulted C2 system and communications equipment, and a functioning radar:

1. Reset failed components of a C2 system in order to sustain operations
2. Utilize system fault isolation functions to locate and re-configure around faulted system components
3. Reconfigure voice communications equipment to correct deficiencies

caused by faults

4. Serve as a liaison to ensure continuity of effort in facilitating the TAOC or EW/C crew with functional equipment

a. Liaison with maintenance for the status of OPFAC and OPFAC support equipment

b. Liaison with communications to ensure modifications or corrections to external communications assets are properly implemented

c. Liaison with utilities personnel to coordinate mobile electric power (MEP) fuel status, refuel times, and maintenance intervals with operations vulnerability periods

5. Identify the communications nets for recording and assist in the operation of the Digital Voice Recorder (DVR), to include:

a. Voice recording

b. Recording playback

c. Recording extraction to media

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

**AND**

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

**OR**

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook

CC-3704	10.0	1095	B,R,M	E	C2 System	L/S
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Goal. Perform Crew Chief functions

Requirement. Given a scenario, supporting documentation, an operational TAOC, higher, adjacent, and subordinate elements (live, virtual or constructive), manage a crew and associated systems to include the following at a minimum:

1. Conduct crew brief
2. Identify system failures/degradations:
  - a. Troubleshoot and perform fault isolation
  - b. Utilize corrective action
  - c. Coordinate with maintenance to resolve system issues
3. Implement casualty procedures/restoration plan as the situation dictates
4. Implement system configuration plan
5. Record events during crew watch in appropriate reports and logbooks

Performance Standard. Perform the requirement to a proficient level (correct, efficient and skillful execution of tasks without hesitation requiring minimal input from the instructor). Minor errors corrected by the trainee are acceptable.

Instructor. SI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

**AND**

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

**OR**

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. MCWP 3-25.7, Tactical Air Operations Center (TAOC) Handbook



11.11.12 Detachment Chief (DCHF)

11.11.12.1 Purpose. To develop proficiency in crew and system management involved in TAOC operations. At the completion of this stage of training, individuals will be recommended for qualification as a TAOC Crew Chief.

11.11.12.2 General

Admin Notes. None.

Crew Requirement. None.

Prerequisite. None.

DCHF-3800    1.0    1460    B,R,M    S/L

Goal. Prepare a plan for Phasing Control Ashore

Requirement. Given a scenario-based TDG, demonstrate the following:

1. Define phasing control ashore
2. Explain each step of phasing control ashore
3. Determine common issues of concern
4. Write a plan to phase control ashore, annotate identified issues of concern

Performance Standard. Complete all the requirement items while working with an SAD. Instructor will discuss each item with the trainee. The written plan must support the scenario.

Instructor. BI

Prerequisite. 2800, 2802

Ordinance. None.

Range. None.

External Syllabus Support. 7210

Reference.

1. MCWP 3-25.7, TAOC Handbook
2. U-TAOC-PCL-03862 Pocket Checklist
3. MCWP 5-1, Marine Corps Planning Process (MCPPE)
4. MAGTF Operations Ashore
5. JP 3-02 Joint Doctrine for Amphibious Operations
6. MCO 3501.9B Marine Corps Combat Readiness Evaluation System

11.12 CORE PLUS TRAINING (4000)

11.12.1 Purpose. Core Plus Skills are intended to train the individual to utilize the tools, systems and/or procedures which have a low probability of execution or are theater specific.

11.12.2 General

11.12.2.1 Prerequisites. None.

11.12.2.2 Admin Notes. None.

11.12.2.3 Stages

PAR NO.	STAGE NAME
11.12.3	DATA LINK COORDINATOR (DLC)
11.12.4	COMMAND AND CONTROL SYSTEMS (C2SYS)

11.12.3 Data Link Coordinator (DLC)

11.12.3.1 Purpose. To provide advanced DLC training in the TAOC.

11.12.3.2 General

Admin Notes. None.

Prerequisite. None.

Crew Requirements. None.

DLC-4400      4.0      \*      B      C2 System      L

Goal. Operate Link 11B

Requirement. Given the references, operational documents, and a C2 system:

1. Extract required information from the OPTASK LINK.
2. Input database entries per the OPTASK LINK.
3. Enter and activate data filters per the OPTASK LINK.
4. Ensure equipment is correctly configured.
5. Ensure cryptographic equipment is keyed.
6. Perform proper net entry procedures
7. Perform net exit procedures
8. Operate in the following modes:
  - a. Limited Transmission of Data (LTD).
  - b. Full Transmission of Data (FTD).

Performance Standard. Successfully exchange tracks.

Instructor. BI

Prerequisite. 2014

Ordinance. None.

Range. None.

External Syllabus Support. Link 11B capable platform(s).

Reference.

1. CJCSM 6120.01\_ Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011\_ Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B
3. Defense Information Systems Agency (DISA) United States Message Text Format (USMTF) Website <https://standmgt.disa.mil/restricted/usmtf/>

DLC-4402      4.0      \*      B      C2 System      L

Goal.    Troubleshoot Link 11B

Requirement.    Given a C2 system with an operational Link 11B:

1. Determine if the internal data path being used for Link 11B is functional
2. Determine if the external data path is established
3. Select and monitor Link 11B messages
4. Recognize and take appropriate action for an incorrect DLRP
5. Recognize and take appropriate action for incorrect crypto
6. Elevate unresolvable issues to the Crew Chief

Performance Standard.    Complete the required items IAW the references. Maintenance and communications personnel may assist with performance standards (1) and (2).

Instructor.    BI

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    TDSA, Comm Section

Reference.

1. CJCSM 6120.01\_, Joint Multi-TDL Operating Procedures (JMTOP) Manual
2. MIL STD 6011\_ Department of Defense Interface Standard, Tactical Data Link (TDL) 11/11B
3. System Technical Manual

11.12.4    Command and Control Systems (C2SYS)

11.12.4.1    Purpose.    To develop proficiency in utilizing the command and control systems used in TAOC operations.

11.12.4.2    General

Prerequisite.    None.

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. The table below lists all C2SYS events that are to be completed by personnel, position dependent:

<u>EVENT CODE</u>	<u>EVENT NAME</u>	<u>POSITION</u>	<u>PRE-REQS</u>
C2SYS-4921	Operate C2 Personal Computer (C2PC)	AC, SO, AIC, CC	None
C2SYS-4942	Operate Air Defense System Integrator (ADSI)	DLC, CC	None

### 11.13 INSTRUCTOR UNDER TRAINING (IUT) (5000)

11.13.1 Purpose. To provide position qualified personnel the additional skills necessary to instruct, evaluate and recommend for completion / qualification "trainees" within a crew. Upon completion of the required training, an individual may be considered for instructor designation by the Commanding Officer, WTTP Officer, or direct representative as delineated.

#### 11.13.2 General

11.13.2.1 Prerequisite. None.

#### 11.13.2.2 Admin Notes

(1) The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

(2) There are six instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

- i. Basic Instructor (BI)
- ii. Senior Instructor (SI)
- iii. Weapons and Tactics Instructor (WTI)
- iv. Air Intercept Controller Instructor (AICI)
- v. Strike Fighter Tactics Instructor (SFTI)
- vi. Marine Division Tactics Instructor (MDTI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for each of the three instructors. The catalog is located at the MAWTS-1 website:

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/WTI/default.aspx>

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

<u>INSTRUCTOR</u>	<u>Event Training, Evaluation and Approval</u>
BI	Core Skill events in which current and proficient

SI	Core Skill and Mission Skill events in which current and proficient
WTI	Mission Skill and Qualification events in which current and proficient. - Evaluate and recommend for qualification - Endorse recommendations for position designations
AICI	Core Skill and Mission Skill AIC events in which current and proficient
SFTI	Core Skill and Mission Skill AIC events in which current and proficient
MDTI	Core Skill and Mission Skill AIC events in which current and proficient
Notes	The Commanding Officer is the approving authority for qualifications and designations.

11.13.2.3 Stages. The following stages are included in the Instructor Under Training Phase of training.

PAR NO.	STAGE NAME
11.13.3	INSTRUCTOR UNDER TRAINING (IUT)

#### 11.13.3 INSTRUCTOR UNDER TRAINING (IUT)

11.13.3.1 Purpose. To train the individual Marine in the skills required to lead a period of instruction.

#### 11.13.3.2 General

Admin Notes. None.

Prerequisite. None.

Crew Requirement. None.

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a T&R event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

IUT-5500      20      \*      B      E      G

Goal. State the AIC-related training rules

Requirement. Describe the following training rules:

1. Fixed wing versus fixed-wing training
2. ACM communication requirements
3. Altitude blocks used for ACM training

Performance Standard. Pass an exam.

Instructor. MDTI, SFTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

1. OPNAV 3710.7U 5.1.10.3.I
2. OPNAV 3710.7U 5.1.10.4
3. OPNAV 3710.7U Appendix M

IUT-5510	1.0	*	B	E	L
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Goal. Instruct an AIC1

Requirement. While being evaluated, instruct an AIC1 during an AIC brief, execution, and debrief in the following:

1. Accurately respond to questions
2. Recognize and correct any of the following:
  - a. Content - Admin, Mission planning factors, AIC integration and mission specifics
  - b. Visual aids facilitated the conveyance of information
  - c. Delivery / Speaking skills facilitated the conveyance of information
  - d. Demonstrated confidence and knowledge in brief
  - e. Appropriate responses to questions from instructor
  - f. T&R / Doctrine adherence
3. Recognize and correct any errors in fighter timeline awareness
4. Recognize and correct any errors in the proactive involvement
5. Recognize and correct any errors in the listening and comprehension skills
6. Recognize and correct any errors in the scope mechanics, interpretation and utilization
7. Recognize and correct any errors in the communication format
8. Ensure that AIC debrief is IAW reference and appropriate learning points are brought out

Performance Standard. Instruct event correcting all issues IAW references while providing credit for things that were done properly.

Instructor. MDTI, SFTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. Airspace capable of air-to-air engagements.

External Syllabus Support. Fighter aircraft with two or more adversaries.

Reference.

1. TOPGUN MANUAL, Briefing and Debriefing, Chapter 2
2. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8
3. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42
4. TOPGUN MANUAL, Air Control Communications, Chapter 47

IUT-5520	1.0	*	B	E	L
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Goal. Instruct an AIC2

Requirement. While being evaluated, instruct an AIC2 during an AIC brief, execution, and debrief in the following:

1. Accurately respond to questions
2. Recognize and correct any of the following:
  - a. Content - Admin, Mission planning factors, AIC integration and mission specifics
  - b. Visual aids facilitated the conveyance of information
  - c. Delivery / Speaking skills facilitated the conveyance of information
  - d. Demonstrated confidence and knowledge in brief
  - e. Appropriate responses to questions from instructor
  - f. T&R / Doctrine adherence
3. Recognize and correct any errors in fighter timeline awareness
4. Recognize and correct any errors in proactive involvement
5. Recognize and correct any errors in listening and comprehension skills
6. Recognize and correct any errors in scope mechanics, interpretation and utilization
7. Recognize and correct any errors in communication format
8. Ensure that AIC debrief is IAW reference and appropriate learning points are brought out

Performance Standard. Instruct event correcting all issues IAW references while providing credit for things that were done properly.

Instructor. MDTI, SFTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058,

2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. Airspace capable of air-to-air engagements.

External Syllabus Support. Fighter aircraft with two or more adversaries.

Reference.

1. TOPGUN MANUAL, Briefing and Debriefing, Chapter 2
2. TOPGUN MANUAL, FA-18 Air-to-Air Mission Planning, Chapter 8
3. TOPGUN MANUAL, FA-18 Air-to-Air Employment, Chapter 42
4. TOPGUN MANUAL, Air Control Communications, Chapter 47

11.14 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000)

11.14.1 Purpose. This phase provides for community standardization of TAOC 7236 position qualifications, combat leadership and instructor designations as well as codes for tracking licenses, participation in operations, completing RSO and Machine Gunner Courses, and other skills. This Manual does not contain "one time" certification training requirements.

11.14.2 General

11.14.2.1 Prerequisite. None.

11.14.2.2 Admin Notes

(1) The WTTP shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualifications or designation recommendations for approval.

(2) Only once an individual is qualified or designated in writing, the signed letter filed in the IPR, and all administrative actions are completed will the qualification or designation be effective.

11.14.2.3 Stages. The following stages are included in this Phase of training.

PAR NO.	STAGE NAME
11.14.3	QUALIFICATIONS (QUAL)
11.14.4	CERTIFICATIONS (CERT)
11.14.5	DESIGNATIONS (DESG)
11.14.6	SCHOOL CODES (SCHL)
11.14.7	TRACKING CODES (LIC)



### 11.14.3 QUALIFICATIONS (QUAL)

11.14.3.1 Purpose. To qualify TAOC/EWC Marines on their ability to perform as crewmembers through evaluation. There is no limit on the amount of system time required before performing a qualification event. Once all prerequisites for a qualification have been completed, the trainee is eligible to proceed to the applicable qualifying event.

#### 11.14.3.2 General

Admin Notes. Policy on attaining, maintaining and regaining a qualification is contained in chapter 2 of reference (a).

Prerequisite. Complete all prerequisites for qualification and be recommended by a WTI.

Crew Requirement. None.

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QUAL-6250	0.5	*	B	L
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Goal. Qualify as an Assistant Controller (AC)

Requirement. Complete the required training in the AC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2008, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

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QUAL-6251	0.5	*	B	L
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Goal. Qualify as a Tactical Air Traffic Controller (TATC)

Requirement. Complete the required training in the TATC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

QUAL-6252 0.5 \* B L

Goal. Qualify as a Deep Air Controller (DAC)

Requirement. Complete the required training in the DAC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

QUAL-6253 0.5 \* B L

Goal. Qualify as an Air Intercept Controller (AIC)

Requirement. Complete the required training in the AIC POI. Be recommended by an AICI (through the WTI) to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. AICI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

QUAL-6254    0.5    \*    B    L

Goal. Qualify as a Missile Controller (MC)

Requirement. Complete the required training in the MC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 3650, 3652, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

QUAL-6255    0.5    \*    B    L

Goal. Qualify as Data Link Coordinator (DLC)

Requirement. Complete the required training in the DLC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 2943, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 3400, 3402, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

QUAL-6256 0.5 \* B L

Goal. Qualify as a Surveillance Operator (SO)

Requirement. Complete the required training in the DLC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

QUAL-6257 0.5 \* B L

Goal. Qualify as a Crew Chief (CC)

Requirement. Complete the required training in the CC POI. Be recommended by a WTI to the commanding officer who will approve the qualification in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3700, 3702, 3704, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

AND

3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254

OR

2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

#### 11.14.4 Certifications (CERT)

11.14.4.1 Purpose. To provide certifications used within the training of individuals in safety of flight.

#### 11.14.4.2 General

Admin Notes. This is annual training that must be completed by all personnel prior to beginning any live training. This is completed annually or upon transfer to a new unit.

Prerequisite. None.

Crew Requirements. None.

CERT-6275 0.5 365 B,R,M E L

Goal. Certify in Local Area Familiarization.

Requirement. Complete the training prescribed in LFAM-2150.

Performance Standard. N/A

Prerequisite. 2150

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference. Unit SOP

#### 11.14.5 Designations (DESG)

11.14.5.1 Purpose. To provide for the designation of combat leaders and instructors.

#### 11.14.5.2 General

Admin Notes. None.

Prerequisite. Complete all designation requirements and be recommended for that designation. However, in the event that a commander deems it necessary to designate someone who has not completed the prerequisite, that person must complete the prerequisite within 6 months from the effective date of designation.

Crew Requirements. None.

DESG-6320 0.5 \* B L

Goal. Designation as Basic Instructor (BI)

Requirement. Be recommended for BI designation by a SI or WTI, and designated in writing by the commanding officer.

Performance Standard. N/A

Prerequisite. 5000, 5010, 5020

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.



2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

DESG-6324    0.5    \*    B    L

Goal. Designation as an Strike Fighter Tactics Instructor (SFTI)

Requirement. Be certified by Naval Strike and Air Warfare Center (NSAWC) as a SFTI. Be recommended for designation by the squadron WTI. The Commanding Officer will designate the SFTI in writing.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6078, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

DESG-6325    0.5    \*    B    L

Goal. Designation as Marine Division Tactics Instructor (MDTI)

Requirement. Be certified by MAWTS-1 as a MDTI and be recommended for designation by the squadron WTI. The Commanding Officer will designate the MDTI in writing.

Performance Standard. N/A



Instructor. WTI

Prerequisite. 2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6006, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

DESG-6326 0.5 \* B L

Goal. Designation as a Detachment Chief (DCHF)

Requirement. Be recommended for designation by the WTI and be designated in writing by the commanding officer.

Performance Standard. N/A

Instructor. WTI

Prerequisite. 2800, 2802, 3800

Ordinance. None.

Range. None.

External Syllabus Support. None.

Reference.

#### 11.14.6 SCHOOL CODES (SCHL)

11.14.6.1 Purpose. To provide tracking codes for required schools and training.

#### 11.14.6.2 General

Admin Notes. The following table reflects skill enhancement training available to TAOC Marines:

SCHL CODE	NAME OF COURSE	LOCATION	CID
SCHL-6000	Weapons and Tactics Instructor (WTI)	MCAS Yuma, AZ	M14P2A1

SCHL-6006	Marine Division Tactics Course (MDTC)	MCAS Yuma, AZ	
SCHL-6020	Link 16 Basics Course (JT-100)	Joint Knowledge Online (JKO)	
SCHL-6021	Intro to Multi TDL Network (JT-101)	Fort Bragg, NC	N/A
SCHL-6022	Multi-TDL Advanced Joint Interoperability Course (MAJIC) (JT-102)	Fort Bragg, NC	A36L6Z1
SCHL-6023	Link 16 Joint Interoperability Course (US-109)	Joint Knowledge Online (JKO)	N/A
SCHL-6024	Multi TDL Planner Course (JT-201)	Fort Bragg, NC	A05KHY1
SCHL-6025	Link 16 Unit Manager (LUM) Course (JT-220)	Fort Bragg, NC	N/A
SCHL-6026	Joint Interface Control Officer (JICO) (JT-301)	Fort Bragg, NC	N/A
SCHL-6027	Joint Interface Control Center (JICC) (JT-310)	Fort Bragg, NC	N/A
SCHL-6078	USMC TOPGUN AIC Course	Naval Strike and Air Warfare Center (NSAWC)	S-2A-2806

Prerequisite. The individual school houses will maintain the prerequisites for each course that they offer. Refer to Skills Enhancement message and the school house for up to date prerequisites.

Crew Requirements. None.

#### 11.14.7 TRACKING CODES (LIC)

11.14.7.1 Purpose. To provide tracking codes for required licenses and training.

#### 11.14.7.2 General

Admin Notes. These codes serve to track licenses, participation in operations/deployments and completion of the Machine Gunners and RSO courses.

Prerequisite. The individual licensing authority will maintain the prerequisites for each course that they offer.

Crew Requirements. None.

LIC-6400      0.5      \*      B      L

Goal. Track HMMWV licenses

Requirement. Track the M1123 and M1152 HMMWV licenses required for TAOC operations.

Performance Standard. Per the licensing course POI.

Prerequisite. None.

Ordnance. None.

Range. None.

External Syllabus Support. None.

Reference.

LIC-6405      0.5      \*      B      L

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Goal.    Track issuance of MK23 MTRV license

Requirement.    Complete MTRV training requirements for MK23

Performance Standard.    Per the licensing course POI.

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

LIC-6410      0.5      \*      B      L

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Goal.    Track issuance of MK27 MTRV license.

Requirement.    Complete MTRV training requirements for MK27.

Performance Standard.    Per the licensing course POI.

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

LIC-6415      0.5      \*      B      L

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Goal.    Track explosive and corrosives HMMWV license.

Requirement.    Complete explosive and corrosives HMMWV license training requirements.

Performance Standard.    Per the licensing course POI.

Prerequisite.    None.

Ordinance.    None.

Range.    None.

External Syllabus Support.    None.

Reference.

11.15 MISSION ESSENTIAL TASK (MET) PHASE (7000)

11.15.1 Purpose. This phase takes CMMR proficient Marines from multiple PMOS, puts them in CMMR representative crews, and trains them as combat effective teams in combined events.

11.15.2 General

11.15.2.1 Prerequisite. Marines must either be CMMR crew position or non-aviation PMOS proficient to train in this phase. For those events requiring combat leaders, only Marines currently designated as such can train in this phase.

11.15.2.2 Admin Notes. Prerequisites for this phase of training cannot be waived. Multiple events can be trained at the same time as long as separate evaluations are being conducted.

11.15.2.3 Stages. The following stages are included in the Mission Essential Task (MET) Phase of training.

PAR NO.	STAGE NAME
11.15.3	CONDITION (COND)

11.15.3 CONDITION (COND)

11.15.3.1 Purpose. To train unit level teams in executing community specific MET(s) or MET preparatory events.

11.15.3.2 General

Admin Notes. All events in this stage will require the following administrative/operational documents to be identified or created:

1. Letter Of Instruction (LOI)
2. Personnel Roster
3. Bill Of Material (BOM)
4. Equipment Density List (EDL)

Prerequisite. If an event requires prerequisites in addition to those listed for the MET Phase, they will be covered in the individual event.

Crew Requirements. This stage requires that all crew members and combat leaders be qualified/designated and proficient (current) in the position they are assigned for the following events. Crews shall be task organized to meet the mission.

COND-7500    50.0    365    B,R,M                      C2 System    L/S

Goal. Employ a TAOC.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL), Commander's guidance, and an operation plan's initiating order, employ a TAOC to include the following:

1. Conduct Mission Analysis
2. Review Operational Planning Documents
3. Identify required support personnel
4. Identify equipment requirements
5. Conduct an RSOP
6. Identify, create, and finalize administrative documents supporting the operation
7. Coordinate with external agencies
8. Conduct embarkation, and retrograde of personnel and equipment
9. Maintain accountability of personnel
10. Conduct TAOC operations
11. Conduct crew evaluations
12. Compile After-Action items

Performance Standard. Perform the requirement items listed and conduct TAOC operations during a real world operation or training simulation.

Instructor. WTI

Prerequisite. Minimum of two CMMR TAOC Crews

Ordinance. None.

Range. Range space capable of hosting itinerant air traffic, combat air patrols, air-to-air refueling tracks, HVAA tracks

External Syllabus Support. TAOC Detachment Commander and representatives from the S-1, S-2, S-3, S-4, S-6. Live execution will require specific T/M/S aviation assets.

Reference.

1. U-TAOC-PCL-03862, Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. Squadron SOP

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COND-7505    10.0    365    B,R,M    L/S

Goal. Conduct a Reconnaissance, Selection, and Occupation of Position (RSOP) for the TAOC.

Requirement. Given the references, a Table of Equipment (T/E) and/or Equipment Density List (EDL) and an operation plan's initiating order, conduct a RSOP for TAOC operations to include the following:

1. Conduct a Map Survey selecting primary and alternate sites
2. Identify environmental concerns that may affect TAOC communication
3. Coordinate with higher to provide TAOC requirements
4. Coordinate site security, camouflage, dispersion, and trafficability
5. Identify locations for emplacement of communications and support equipment
6. Coordinate priorities for equipment emplacement
7. Identify echelon considerations

8. Identify Advanced Party/RSOP Team
9. Occupy the site
10. Emplace the TAOC

Performance Standard. Perform the requirement items. The RSOP team will be prepared to discuss decisions/actions.

Instructor. C3 WTI

Prerequisite. None.

Ordinance. None.

Range. None.

External Syllabus Support. TAOC Detachment Commander, TAOC Crew Chief, security team, Representatives from the S-2, S-4, S-6

Reference.

1. U-TAOC-PCL-03862 Pocket Checklist
2. MCWP 3-25.7, TAOC Handbook
3. Squadron SOP

#### 11.16 AVIATION CAREER PROGRESSION MODEL (8000)

11.16.1 Purpose. To enhance professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus of training in the Aviation Career Progression Model (ACPM) is on academic events in the following areas:

Marine Air Command and Control System (MACCS)  
Aviation Ground Support  
Joint Air Operations  
ACE Battle Staff  
MAGTF  
Seabased Operations  
Combatant Commander Organizations

#### 11.16.2 General

(1) The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as pre-requisites to selected flight events or stages. Additionally, several ACPM academic events are integrated as prerequisites for flight leadership syllabi.

(2) ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

(3) MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/newc3/default.aspx>

(4) Completed events shall be manually logged and tracked in M-SHARP.

(5) ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	<b>MACCS</b>		1	2000 PHASE
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM		4	2000 PHASE
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)		4	2000 PHASE
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)		4	2000 PHASE
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)		4	2000 PHASE
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)		4	2000 PHASE
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)		4	2000 PHASE
ACPM	8007	Marine Unmanned Aerial Vehicle Squadron (VMU)		4	2000 PHASE
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)		4	2000 PHASE
ACPM	8020	<b>ACE</b>		1	2000 PHASE
ACPM	8021	AVIATION OPERATIONS		4	2000 PHASE
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		4	2000 PHASE
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)		4	2000 PHASE
ACPM	8024	ASSAULT SUPPORT		4	2000 PHASE
ACPM	8025	AIR RECONNAISSANCE		4	2000 PHASE
ACPM	8026	ELECTRONIC WARFARE		4	2000 PHASE
ACPM	8027	ANTI-AIR WARFARE		4	2000 PHASE
ACPM	8028	AVIATION GROUND SUPPORT		4	2000 PHASE
ACPM	8040	<b>THREAT</b>		1	2000 PHASE
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8042	FIXED WING THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF		4	2000 PHASE
ACPM	8060	<b>MAGTF</b>		1	2000 PHASE
ACPM	8061	GROUND COMBAT OPERATIONS		4	2000 PHASE
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	2000 PHASE
ACPM	8063	MAGTF COMMAND AND CONTROL		4	2000 PHASE
ACPM	8064	MAGTF COMMUNICATIONS		4	2000 PHASE
ACPM	8065	PHASING CONTROL ASHORE		4	2000 PHASE
ACPM	8066	INFORMATION MANAGEMENT		4	2000 PHASE
ACPM	8067	UAS SUPPORT OF THE MAGTRF		4	2000 PHASE
ACPM	8080	<b>JOINT AIR OPERATIONS</b>		1	3000 PHASE
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	3000 PHASE
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	3000 PHASE
ACPM	8083	JOINT FIRE SUPPORT		4	3000 PHASE
ACPM	8084	CLOSE AIR SUPPORT		4	3000 PHASE
ACPM	8085	JOINT TARGETING		4	3000 PHASE
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000 PHASE
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000 PHASE
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000 PHASE
TOTAL ACPM STAGE			40	145	

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## 11.17 T&amp;R ATTAIN AND MAINTAIN TABLES

TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
CORE SKILL (2000 Phase)											
Define combat identification	ACAD	2000	*	ACAD	2000					-	-
State the purpose of Interface Coordination	ACAD	2002	*	ACAD	2002					-	-
Define terms associated with Link 11	ACAD	2004	*	ACAD	2004					-	-
Define terms associated with Link 16	ACAD	2006	*	ACAD	2006					-	-
State the characteristics of Tactical Data Links	ACAD	2008	*	ACAD	2008					-	-
Define terms associated with Joint Range Extension Application Protocol (JREAP)	ACAD	2010	*	ACAD	2010					-	-
State the background characteristics of JREAP	ACAD	2012	*	ACAD	2012					-	-
Know the types and purpose of data filters	ACAD	2014	*	ACAD	2014					-	-
Explain the troubleshooting theory	ACAD	2016	*	ACAD	2016					-	-
Define the characteristics of Cooperative Engagement Capability (CEC)	ACAD	2018	*	ACAD	2018					-	-
Identify the characteristics, capabilities and limitations of the Communications Subsystem (CS)	ACAD	2020	*	ACAD	2020					-	-
Identify TAOC communication capabilities	ACAD	2022	*	ACAD	2022					-	-
Define TAOC radio terms	ACAD	2024	*	ACAD	2024					-	-
Identify the purpose of the positions that make up the Air Defense Command Structure	ACAD	2026	*	ACAD	2026					-	-
State the purpose and intent of Rules of Engagement (ROE)	ACAD	2028	*	ACAD	2028					-	-
Define Joint Theater Missile Defense	ACAD	2030	*	ACAD	2030					-	-
Describe aviation operational documents	ACAD	2034	*	ACAD	2034					-	-
Define characteristics of Aviation Ordnance	ACAD	2036	*	ACAD	2036					-	-
Define the characteristics of the Phased Array Tracking Intercept of Target (Patriot) system and how it integrates into an IADS	ACAD	2038	*	ACAD	2038					-	-



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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
State the characteristics of Navy and USMC Aircraft	ACAD 1	2050	*	ACAD 1	2050					-	-
State the employment considerations for Navy and USMC Aircraft	ACAD 1	2052	*	ACAD 1	2052					-	-
Describe the capabilities of US Air-to-Air Weapons	ACAD 1	2054	*	ACAD 1	2054					-	-
Describe Air Defense terminology	ACAD 1	2056	*	ACAD 1	2056					-	-
Define the following words and concepts	ACAD 1	2058	*	ACAD 1	2058					-	-
Identify formations	ACAD 1	2060	*	ACAD 1	2060					-	-
Identify fighter maneuvers	ACAD 1	2062	*	ACAD 1	2062					-	-
Define communication calls	ACAD 1	2064	*	ACAD 1	2064					-	-
Define Air Intercept Control Communication Terms	ACAD 1	2066	*	ACAD 1	2066					-	-
State the capabilities and limitations of U.S. Air Force Aircraft	ACAD 2	2100	*	ACAD 2	2100					-	-
State the employment considerations for U.S. Air Force Aircraft	ACAD 2	2102	*	ACAD 2	2102					-	-
State the capabilities and limitations of Threat Aircraft	ACAD 2	2104	*	ACAD 2	2104					-	-
Define Threat Missile Terms	ACAD 2	2106	*	ACAD 2	2106					-	-
State the capabilities and limitations of threat missiles	ACAD 2	2108	*	ACAD 2	2108					-	-
State employment considerations for threat missiles	ACAD 2	2110	*	ACAD 2	2110					-	-
Define categories of threat missiles	ACAD 2	2112	*	ACAD 2	2112					-	-
Define fighter support concepts and their purpose	ACAD 2	2116	*	ACAD 2	2116					-	-
State the two types of fighter support concepts and their purpose	ACAD 2	2118	*	ACAD 2	2118					-	-
State the mission planning factors associated with defensive tactics	ACAD 2	2120	*	ACAD 2	2120					-	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
State timelines an FA-18 Hornet can be expected to employ	ACAD 2	2122	*	ACAD 2	2122					-	-
State the intercept geometries	ACAD 2	2124	*	ACAD 2	2124					-	-
State how targeting contracts differ based on Acceptable Levels of Risk (ALR)	ACAD 2	2126	*	ACAD 2	2126					-	-
State standard N/GTD targeting for a section of fighters	ACAD 2	2128	*	ACAD 2	2128					-	-
State how an FA-18 conducts a Visual Identification (VID) based on defensive tactics	ACAD 2	2130	*	ACAD 2	2130					-	-
State the delouse options available to Strike Fighter Aircrew	ACAD 2	2132	*	ACAD 2	2132					-	-
Describe when AIC actions will be taken with associated AIC terms	ACAD 2	2134	*	ACAD 2	2134					-	-
State the significance of the maneuvers	ACAD 2	2136	*	ACAD 2	2136					-	-
Brief local restricted areas	LFAM	2150	365	LFAM	2150	LFAM	2150	LFAM	2150	-	-
Emplace and displace the Operations Facility (OPFAC)	EQUIP	2160	*	EQUIP	2160					-	-
Setup organic communications equipment	EQUIP	2162	*	EQUIP	2162					SINCGARS Operators' Course (MarineNet) 8064	-
Conduct TAOC duties in a Chemical Biological Radiological Nuclear (CBRN) environment	EQUIP	2164	*	EQUIP	2164					-	-
Produce a TATC log	AC	2200	*	AC	2200					2008, 2012, 2026, 2028	-
Record aircraft handovers	AC	2202	*	AC	2202					2008, 2012, 2026, 2028	-
Make a record of aircraft violating safety of flight protocols	AC	2204	*	AC	2204					2008, 2012, 2026, 2028	-
Maintain system symbology	AC	2206	*	AC	2206					2008, 2012, 2026, 2028	-
Perform as the assistant to the TATC	AC	2208	*	AC	2208					2008, 2012, 2026, 2028	-
Perform as the assistant to the AIC	AC	2210	*	AC	2210					2008, 2012, 2026, 2028	-
Perform as an assistant to the DAC	AC	2212	*	AC	2212					2008, 2012, 2026, 2028	-
Conduct data registration function	SO	2300	*	SO	2300					2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422	-
Identify information required to maximize organic radar performance	SO	2302	*	SO	2302					2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct a fidelity drill	SO	2304	*	SO	2304					2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422	-
Provide flight information for an aircraft emergency	TATC	2350	*	TATC	2350					2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000	-
Conduct TATC planning	TATC	2352	*	TATC	2352					2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000	-
Perform TATC functions	TATC	2354	*	TATC	2354					2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000	-
Operate Link 11	DLC	2400	*	DLC	2400					2004, 2008, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Operate Link 16	DLC	2402	365	DLC	2402	DLC	2402	DLC	2402	2006, 2008, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Configure the Joint Range Extension-Gateway (JRE-GW)	DLC	2404	365	DLC	2404	DLC	2404	DLC	2404	2008, 2010, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Operate JREAP A	DLC	2406	365	DLC	2406	DLC	2406	DLC	2406	2008, 2010, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Operate JREAP B	DLC	2408	365	DLC	2408	DLC	2408	DLC	2408	2006, 2008, 2010, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Operate JREAP C	DLC	2410	365	DLC	2410	DLC	2410	DLC	2410	2008, 2010, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Troubleshoot Link 11	DLC	2412	365	DLC	2412	DLC	2412	DLC	2412	2004, 2008, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Troubleshoot Link 16	DLC	2414	365	DLC	2414	DLC	2414	DLC	2414	2006, 2008, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Troubleshoot JREAP A	DLC	2416	365	DLC	2416	DLC	2416	DLC	2416	2008, 2010, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2406, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Troubleshoot JREAP B	DLC	2418	365	DLC	2418	DLC	2418	DLC	2418	2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Troubleshoot JREAP C	DLC	2420	365	DLC	2420	DLC	2420	DLC	2420	2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2410, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Conduct tactical data link coordination	DLC	2422	*	DLC	2422					2004, 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2400, 2402, 2404, 2406, 2408, 2410, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC functions for a section of fighter aircraft using N/GTD	AIC1	2500	*	AIC1	2500					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC functions for a section of fighter aircraft using DTG	AIC1	2502	*	AIC1	2502					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC functions for a section of fighter aircraft against unknown threat	AIC1	2504	1460	AIC1	2504	AIC1	2504	AIC1	2504	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct an N/GTD brief for a section	AIC2	2550	*	AIC2	2550					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Conduct an FT brief for a division	AIC2	2552	*	AIC2	2552					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform fighter timeline awareness	AIC2	2554	*	AIC2	2554					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC communications	AIC2	2556	*	AIC2	2556					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform proactive involvement	AIC2	2558	*	AIC2	2558					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Respond to fighter requests	AIC2	2560	*	AIC2	2560					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform scope mechanics	AIC2	2562	*	AIC2	2562					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC functions for a division of fighter aircraft performing NTD	AIC2	2564	*	AIC2	2564					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC functions for a division of fighter aircraft performing DTD/FT	AIC2	2566	*	AIC2	2566					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform AIC functions for a division of fighter aircraft performing NTD	AIC2	2568	*	AIC2	2568					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform AIC functions for a division of fighter aircraft performing DTD/FT	AIC2	2570	*	AIC2	2570					2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Receive and process deep air operations information	DAC	2600	*	DAC	2600					2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Perform MC functions	MC	2650	*	MC	2650					2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Perform MC functions	MC	2652	*	MC	2652					2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform TAOC Crew Chief administrative functions	CC	2700	*	CC	2700					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-



TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Determine prioritization of communication links	CC	2702	*	CC	2702					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Identify communication problems	CC	2704	*	CC	2704					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct a crew changeover	CC	2706	1460	CC	2706	CC	2706	CC	2706	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct TAOC site selection/map survey	CC	2708	*	CC	2708					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Prepare a plan for TAOC displacement operations	CC	2710	*	CC	2710					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Create and supervise the conduct of a TAOC Simulation	CC	2712	*	CC	2712					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-
Supervise emplacement of the TAOC	DCHF	2800	*	DCHF	2800					-	-
Develop and execute a load plan	DCHF	2802	*	DCHF	2802					-	-
Use the Execution Status and Monitoring (ESTAT) tool	C2SYS	2910	*	C2SYS	2910					-	-
Set up and establish communications utilizing tactical chat	C2SYS	2940	*	C2SYS	2940					-	-
Operate Web Development Software (i.e. SharePoint)	C2SYS	2941	*	C2SYS	2941					-	-
Operate the Joint Range Extension Gateway	C2SYS	2943	*	C2SYS	2943					-	-
MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION	BASIC POI			REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS		CHAINING	
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
State the responsibilities for, planning, and operating procedures for the Multi-Link Interface	ACAD	3000	*	ACAD	3000					-	-

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CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Identify TDL capabilities of Joint Tactical Data Systems (TDS)	ACAD	3006	1095	ACAD	3006	ACAD	3006	ACAD	3006	-	-
State capabilities and limitations of the threat surface-to-air missile systems	ACAD	3012	*	ACAD	3012					-	-
Discuss mission sets and associated terms	ACAD	3014	*	ACAD	3014					-	-
Perform as an Assistant Controller to the TATC	AC	3200	*	AC	3200					2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212	-
Perform as an Assistant Controller to the AIC	AC	3202	*	AC	3202					2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212	-
Perform as an Assistant Controller to the DAC	AC	3204	*	AC	3204					2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212	-
Perform as the Assistant Controller	AC	3206	1095	AC	3206	AC	3206	AC	3206	2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 3200, 3202, 3204	-
Perform track data coordination/management function	SO	3300	*	SO	3300					2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform combat identification functions	SO	3302	*	SO	3302					2000, 2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform Electronic Warfare (EW) operations	SO	3304	*	SO	3304					2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform as an SO	SO	3306	1095	SO	3306	SO	3306	SO	3306	2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Perform as TATC	TATC	3350	1095	TATC	3350	TATC	3350	TATC	3350	2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-
Conduct tactical data link coordination	DLC	3400	*	DLC	3400					2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Perform as a DLC	DLC	3402	1095	DLC	3402	DLC	3402	DLC	3402	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-



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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Conduct N/GTD brief for a division	AIC3	3500	*	AIC3	3500					2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Conduct DTD brief for a division	AIC3	3502	*	AIC3	3502					2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Perform AIC functions with a division of fighter aircraft	AIC3	3504	1095	AIC3	3504	AIC3	3504	AIC3	3504	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Control aircraft in deep air operations	DAC	3600	1460	DAC	3600	DAC	3600	DAC	3600	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Perform manual MC functions	MC	3650	1460	MC	3650	MC	3650	MC	3650	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-
Perform MC functions	MC	3652	1460	MC	3652	MC	3652	MC	3652	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Assist in the conduct of a site survey	CC	3700	*	CC	3700	CC	3700	CC	3700	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform system troubleshooting	CC	3702	*	CC	3702	CC	3702	CC	3702	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-

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TAOC MOS 7236											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Perform Crew Chief functions	CC	3704	1095	CC	3704	CC	3704	CC	3704	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088  AND  3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254  OR  2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-
Prepare a plan for Phasing Control Ashore	DCHF	3800	1460	DCHF	3800	DCHF	3800	DCHF	3800	2800, 2802	-
CORE PLUS SKILL (4000 Phase)											
T&R EVENT INFORMATION	BASIC POI					REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Operate Link 11B	DLC	4400	*	DLC	4400					2014	-
Troubleshoot Link 11B	DLC	4402	*	DLC	4402					-	-
Operate C2 Personal Computer (C2PC)	C2SYS	4921	*	C2SYS	4921					-	-
Operate Air Defense System Integrator (ADSI)	C2SYS	4942	*	C2SYS	4942					-	-

11.18 T&R SYLLABUS MATRIX

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
AIR SCHOOL (AIRS)																			
AIRS	1200	Identify characteristics of the Marine Air Command and Control System (MACCS)	B	E	G	-	-	-	*		0		0		0.0	-	-	-	
AIRS	1202	Identify characteristics of the Marine Air Control System (MACS)	B	E	G	-	-	-	*		0		0		0.0	-	-	1000	
AIRS	1204	Identify characteristics of Aircraft	B	E	G	-	-	-	*		0		0		0.0	-	-	-	
AIRS	1206	Configure Tactical Air Operations Center (TAOC) platforms for operations	B	E	G	-	-	-	*		0		0		0.0	-	-	1010	
AIRS	1208	Operate TAOC voice communications equipment	B	E	G	-	-	-	*		0		0		0.0	-	-	1020	
AIRS	1210	Operate Command, Control, Communications, Computer and Intelligence (C4I) systems	B	E	G	-	-	-	*		0		0		0.0	-	-	1030	
AIRS	1212	Perform surveillance functions	B	E	G	-	-	-	*		0		0		0.0	-	-	1040	
AIRS	1214	Operate Link 11	B	E	G	-	-	-	*		0		0		0.0	-	-	1050	
AIRS	1216	Operate Link 16	B	E	G	-	-	-	*		0		0		0.0	-	-	1070	
AIRS	1218	Operate a Beyond Line of Site (BLOS) gateway	B	E	G	-	-	-	*		0		0		0.0	-	-	1080	
AIRS	1220	Establish a workstation for Traffic functions	B	E	G	-	-	-	*		0		0		0.0	-	-	1090	
TOTAL AIR SCHOOL (AIRS) STAGE										26	0.0	0	0.0	0	0.0				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
ACADEMICS (ACAD)																			
ACAD	2000	Define combat identification	B	E	G	-	-	-	*		2.0		0		0.0	-	-	2004	
ACAD	2002	State the purpose of Interface Coordination	B	E	G	-	-	-	*		1.0		0		0.0	-	-	2005	
ACAD	2004	Define terms associated with Link 11	B	E	G	-	-	-	*		2.0		0		0.0	-	-	2009	
ACAD	2006	Define terms associated with Link 16	B	E	G	-	-	-	*		2.0		0		0.0	-	-	2008	
ACAD	2008	State the characteristics of Tactical Data Links	B	E	G	-	-	-	*		2.0		0		0.0	-	-	2008, 2009	

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
ACAD	2010	Define terms associated with Joint Range Extension Application Protocol (JREAP)	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	
ACAD	2012	State the background characteristics of JREAP	B	E	G	-	-	-	*		2.0		0		0.0	-	-	2006	
ACAD	2014	Know the types and purpose of data filters	B	E	G	-	-	-	*		1.0		0		0.0	-	-	2012	
ACAD	2016	Explain the troubleshooting theory	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD	2018	Define the characteristics of Cooperative Engagement Capability (CEC)	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD	2020	Identify the characteristics, capabilities and limitations of the Communications Subsystem (CS)	B	E	G	-	-	-	*		1.5		0		0.0	-	-	-	
ACAD	2022	Identify TAOC communication capabilities	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD	2024	Define TAOC radio terms	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD	2026	Identify the purpose of the positions that make up the Air Defense Command Structure	B	E	G	-	-	-	*		0.5		0		0.0	-	-	2022	
ACAD	2028	State the purpose and intent of Rules of Engagement (ROE)	B	E	G	-	-	-	*		2.0		0		0.0	-	-	2046	
ACAD	2030	Define Joint Theater Missile Defense	B	E	G	-	-	-	*		1.0		0		0.0	-	-	2021	
ACAD	2034	Describe aviation operational documents	B	E	G	-	-	-	*		1.0		0		0.0	-	-	2011, 2023	
ACAD	2036	Define characteristics of Aviation Ordnance	B	E	G	-	-	-	*		1.0		0		0.0	-	-	2024	
ACAD	2038	Define the characteristics of the Phased Array Tracking Intercept of Target (Patriot) system and how it integrates into an IADS	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	
TOTAL ACADEMICS (ACAD) STAGE										19	27.0	0	0.0	0	0.0				

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
										#	TIME	#	TIME	#	TIME				
	CODE	TITLE			TYPE	#	OPTION			#	TIME								
ACADEMICS 1 (ACAD1)																			
ACAD 1	2050	State the characteristics of Navy and USMC Aircraft	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-
ACAD 1	2052	State the employment considerations for Navy and USMC Aircraft	B	E	G	-	-	-	*		1.5		0		0.0	-	-	-	-
ACAD 1	2054	Describe the capabilities of US Air-to-Air Weapons	B	E	G	-	-	-	*		1.5		0		0.0	-	-	-	-
ACAD 1	2056	Describe Air Defense terminology	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	-
ACAD 1	2058	Define the following words and concepts	B	E	G	-	-	-	*		4.0		0		0.0	-	-	-	-
ACAD 1	2060	Identify formations	B	E	G	-	-	-	*		4.0		0		0.0	-	-	-	-
ACAD 1	2062	Identify fighter maneuvers	B	E	G	-	-	-	*		4.0		0		0.0	-	-	-	-
ACAD 1	2064	Define communication calls	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	-
ACAD 1	2066	Define Air Intercept Control Communication Terms	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	2025
TOTAL ACADEMICS 1 (ACAD1) STAGE										9	22.0	0	0.0	0	0.0				
ACADEMICS 2 (ACAD2)																			
ACAD 2	2100	State the capabilities and limitations of U.S. Air Force Aircraft	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-
ACAD 2	2102	State the employment considerations for U.S. Air Force Aircraft	B	E	G	-	-	-	*		1.5		0		0.0	-	-	-	-
ACAD 2	2104	State the capabilities and limitations of Threat Aircraft	B	E	G	-	-	-	*		3.0		0		0.0	-	-	-	-
ACAD 2	2106	Define Threat Missile Terms	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-
ACAD 2	2108	State the capabilities and limitations of threat missiles	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-
ACAD 2	2110	State employment considerations for threat missiles	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-
ACAD 2	2112	Define categories of threat missiles	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-
ACAD 2	2116	Define fighter support concepts and their purpose	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	-



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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
ACAD 2	2118	State the two types of fighter support concepts and their purpose	B	E	G	-	-	-	*		0.5		0		0.0	-	-	-	
ACAD 2	2120	State the mission planning factors associated with defensive tactics	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD 2	2122	State timelines an FA-18 Hornet can be expected to employ	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	
ACAD 2	2124	State the intercept geometries	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD 2	2126	State how targeting contracts differ based on Acceptable Levels of Risk (ALR)	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD 2	2128	State standard N/GTD targeting for a section of fighters	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	
ACAD 2	2130	State how an FA-18 conducts a Visual Identification (VID) based on defensive tactics	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD 2	2132	State the delouse options available to Strike Fighter Aircrew	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
ACAD 2	2134	Describe when AIC actions will be taken with associated AIC terms	B	E	G	-	-	-	*		2.0		0		0.0	-	-	-	
ACAD 2	2136	State the significance of the maneuvers	B	E	G	-	-	-	*		1.0		0		0.0	-	-	-	
TOTAL ACADEMICS 2 (ACAD2) STAGE										18	23.0	0	0.0	0	0.0				
LOCAL AREA FAMILIARIZATION (LFAM)																			
LFAM	2150	Brief local restricted areas	B,R,M	-	L	-	-	-	365		0		0		5.0	-	-	-	
TOTAL LOCAL AREA FAMILIARIZATION (LFAM) STAGE										0	0.0	0	0.0	1	5.0				
EQUIPMENT (EQUIP) STAGE																			
EQUIP	2160	Emplace and displace the Operations Facility (OPFAC)	B	-	L	-	-	-	*		0		0		8.0	-	-	-	
EQUIP	2162	Setup organic communications equipment	B,R	-	L	-	-	-	*		0		0		4.0	SINCGARS Operators' Course (MarineNet) 8064	-	-	

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
EQUIP	2164	Conduct TAOC duties in a Chemical Biological Radiological Nuclear (CBRN) environment	B	-	L	-	-	-	*		0		0		4.0	-	-	-	
TOTAL EQUIPMENT(EQUIP) STAGE										0	0.0	0	0.0	3	16.0				
ASSISTANT CONTROLLER (AC) STAGE																			
AC	2200	Produce a TATC log	B	-	S/L	-	-	-	*		0		1.0		0	2008, 2012, 2026, 2028	-	-	-
AC	2202	Record aircraft handovers	B	-	L	-	-	-	*		0		0.0		8.0	2008, 2012, 2026, 2028	-	-	-
AC	2204	Make a record of aircraft violating safety of flight protocols	B	-	S/L	-	-	-	*		0		1.0		0.0	2008, 2012, 2026, 2028	-	-	-
AC	2206	Maintain system symbology	B	-	L/S	-	-	-	*		0		0.0		4.0	2008, 2012, 2026, 2028	-	-	2100
AC	2208	Perform as the assistant to the TATC	B	-	S/L	-	-	-	*		0		8.0		0.0	2008, 2012, 2026, 2028	-	-	-
AC	2210	Perform as the assistant to the AIC	B	-	S/L	-	-	-	*		0		8.0		0.0	2008, 2012, 2026, 2028	-	-	4100
AC	2212	Perform as an assistant to the DAC	B	-	S/L	-	-	-	*		0		8.0		0.0	2008, 2012, 2026, 2028	-	-	-
TOTAL ASSISTANT CONTROLLER (AC) STAGE										0	0.0	5	26.0	2	12.0				
SURVEILLANCE OPERATOR (SO) STAGE																			
SO	2300	Conduct data registration function	B	-	L	-	-	-	*		0		0		6.0	2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422	-	-	2321
SO	2302	Identify information required to maximize organic radar performance	B	-	L	-	-	-	*		0		0		1.0	2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422	-	-	2321
SO	2304	Conduct a fidelity drill	B	-	L	-	-	-	*		0		0		2.0	2002, 2008, 2012, 2018, 2026, 2028, 2030, 2034, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422	-	-	2103
TOTAL SURVEILLANCE OPERATOR (SO) STAGE										0	0.0	0	0.0	3	9.0				

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
TACTICAL AIR TRAFFIC CONTROL (TATC) STAGE																			
TATC	2350	Provide flight information for an aircraft emergency	B	-	S/L	-	-	-	*		0		1.0		0.0	2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000	-	-	2120
TATC	2352	Conduct TATC planning	B	-	L	-	-	-	*		0		0		8.0	2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000	-	-	4302
TATC	2354	Perform TATC functions	B	-	L	-	-	-	*		0		0		8.0	2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000	-	-	2121, 3102
TOTAL TACTICAL AIR TRAFFIC CONTROL (TATC) STAGE										0	0.0	1	1.0	2	16.0				
DATA LINK COORDINATOR (DLC) STAGE																			
DLC	2400	Operate Link 11	B	-	L	-	-	-	*		0		0		4.0	2004, 2008, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2105

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DLC	2402	Operate Link 16	B,R,M	-	L	-	-	-	365		0		0		4.0	2006, 2008, 2012,2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2106
DLC	2404	Configure the Joint Range Extension-Gateway (JRE-GW)	B,R,M	-	L	-	-	-	365		0		0		8.0	2008, 2010, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2107
DLC	2406	Operate JREAP A	B,R,M	-	L	-	-	-	365		0		0		4.0	2008, 2010, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2210
DLC	2408	Operate JREAP B	B,R,M	-	L	-	-	-	365		0		0		4.0	2006, 2008, 2010, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2210

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DLC	2410	Operate JREAP C	B,R,M	-	L	-	-	-	365		0		0		4.0	2008, 2010, 2012, 2014, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2210
DLC	2412	Troubleshoot Link 11	B,R,M	-	S/L	-	-	-	365		0		4.0		0.0	2004, 2008, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2105
DLC	2414	Troubleshoot Link 16	B,R,M	-	S/L	-	-	-	365		0		4.0		0.0	2006, 2008, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2106
DLC	2416	Troubleshoot JREAP A	B,R,M	-	S/L	-	-	-	365		0		4.0		0.0	2008, 2010, 2012, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2406, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	2107

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DLC	2418	Troubleshoot JREAP B	B,R,M	-	S/L	-	-	-	365		0		4.0		0.0	2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
DLC	2420	Troubleshoot JREAP C	B,R,M	-	S/L	-	-	-	365		0		4.0		0.0	2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2410, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
DLC	2422	Conduct tactical data link coordination	B	-	L	-	-	-	*		0		0		8.0	2004, 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2400, 2402, 2404, 2406, 2408, 2410, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
TOTAL DATA LINK COORDINATOR (DLC) STAGE										0	0.0	5	20.0	7	36.0				

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIR INTERCEPT CONTROLLER 1 (AIC1) STAGE																			
AIC1	2500	Perform AIC functions for a section of fighter aircraft using N/GTD	B	E	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC1	2502	Perform AIC functions for a section of fighter aircraft using DTG	B,R	-	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC1	2504	Perform AIC functions for a section of fighter aircraft against unknown threat	B,R,M	-	L	-	-	-	1460		0		0		3.0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
TOTAL AIR INTERCEPT CONTROLLER 1 (AIC1) STAGE										0	0.0	2	6.0	1	3.0				

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIR INTERCEPT CONTROLLER 2 (AIC2) STAGE																			
AIC2	2550	Conduct an N/GTD brief for a section	B,R	-	L	-	-	-	*		0		0		1.0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC2	2552	Conduct an FT brief for a division	B,R	-	L	-	-	-	*		0		0		1.0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-



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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC2	2554	Perform fighter timeline awareness	B,R	E	L	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC2	2556	Perform AIC communications	B,R	E	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC2	2558	Perform proactive involvement	B,R	E	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC2	2560	Respond to fighter requests	B,R	E	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-

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STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC2	2562	Perform scope mechanics	B	-	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC2	2564	Perform AIC functions for a division of fighter aircraft performing NTD	B	-	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC2	2566	Perform AIC functions for a division of fighter aircraft performing DTD/FT	B	-	S	-	-	-	*		0		3.0		0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
AIC2	2568	Perform AIC functions for a division of fighter aircraft performing NTD	B	-	L	-	-	-	*		0		0		3.0	2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC2	2570	Perform AIC functions for a division of fighter aircraft performing DTD/FT	B	-	L	-	-	-	*	0		0		3.0		2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
TOTAL AIR INTERCEPT CONTROLLER 2 (AIC2) STAGE										0	0.0	7	21.0	4	8.0				
DEEP AIR CONTROLLER (DAC) STAGE																			
DAC	2600	Receive and process deep air operations information	B	-	L/S	-	-	-	*	0		0		6.0		2000, 2008, 2012, 2026, 2028,2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	4200
TOTAL DEEP AIR CONTROLLER (DAC) STAGE										0	0.0	0	0.0	1	6.0				

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
										#	TIME	#	TIME	#	TIME				
	CODE	TITLE			TYPE	#	OPTION			#	TIME								
MISSILE CONTROLLER (MC) STAGE																			
MC	2650	Perform MC functions	B	-	S/L	-	-	-	*		0		4.0		0	2000, 2008, 2012, 2026, 2028,2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028,8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	2300

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MC	2652	Perform MC functions	B	-	L/S	-	-	-	*		0		0		4.0	2000, 2008, 2012, 2026, 2028,2034, 2036, 2050, 2052, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3600, 6250, 6251, 6252, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028,8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	2301
TOTAL MISSILE CONTROLLER (MC) STAGE										0	0.0	1	4.0	1	4.0	OR			
CREW CHIEF (CC) STAGE																			

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CC	2700	Perform TAOC Crew Chief administrative functions	B	-	L	-	-	-	*		0		0		1.0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	-



TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CC	2702	Determine prioritization of communication links	B	-	S/L	-	-	-	*	0		1.0		0		2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060,	-	-	2133

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																8061, 8062, 8063, 8064, 8065, 8066, 8067			
CC	2704	Identify communication problems	B	-	L	-	-	-	*	0		0		2.0		2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400,	-	-	2132

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067			
CC	2706	Conduct a crew changeover	B,R,M		L				1460		0		0		4.0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR	-	-	-

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067			
CC	2708	Conduct TAOC site selection/map survey	B	-	L	-	-	-	*		0		0		1.5	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254	-	-	4400

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067			
CC	2710	Prepare a plan for TAOC displacement operations	B	-	S/L	-	-	-	*		0		1.5		0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253,	-	-	-

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067			
CC	2712	Create and supervise the conduct of a TAOC Simulation	B	-	S	-	-	-	*		0		80.0		0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504,	-	-	4403

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
															3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067				
TOTAL CREW CHIEF (CC) STAGE										0	0.0	3	80.0	4	8.5				
DETACHMENT CHIEF (DCHF) STAGE																			
DCHF	2800	Supervise emplacement of the TAOC	B	-	L	-	-	-	*		0		0		1.0	-	-	-	6403
DCHF	2802	Develop and execute a load plan	B	-	L	-	-	-	*		0		0		1.0	-	-	-	6403
TOTAL DETACHMENT CHIEF (DCHF) STAGE										0	0.0	0	0.0	2	2.0				
COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE																			
C2SYS	2910	Use the Execution Status and Monitoring (ESTAT) tool	B,R	-	L	-	-	-	*		0		0		2.0	-	-	-	2910
C2SYS	2940	Set up and establish communications utilizing tactical chat	B,R	-	L	-	-	-	*		0		0		1.0	-	-	-	2940
C2SYS	2941	Operate Web Development Software (i.e. SharePoint)	B,R	-	L	-	-	-	*		0		0		4.0	-	-	-	2941
C2SYS	2943	Operate the Joint Range Extension Gateway	B,R	-	L	-	-	-	*		0		0		3.0	-	-	-	-
TOTAL COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE										0	0.0	0	0.0	4	10.0				
TOTAL CORE SKILL PHASE (2000 PHASE)										46	72.0	24	158.0	35	135.5				
MISSION SKILL TRAINING (3000 PHASE EVENTS)																			
ACADEMICS (ACAD)																			
ACAD	3000	State the responsibilities for, planning, and operating procedures for the Multi-Link Interface	B	E	G	-	-	-	*		6		0		0	-	-	-	-
ACAD	3006	Identify TDL capabilities of Joint Tactical Data Systems (TDS)	B,R,M	E	G	-	-	-	1095		4		0		0	-	-	-	2019

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
ACAD	3012	State capabilities and limitations of the threat surface-to-air missile systems	B	E	G	-	-	-	*		1		0		0	-	-	-	
ACAD	3014	Discuss mission sets and associated terms	B	E	G	-	-	-	*		1		0		0	-	-	-	
TOTAL ACADEMICS (ACAD) STAGE										4	12	0	0	0	0.0				
ASSISTANT CONTROLLER (AC) STAGE																			
AC	3200	Perform as an Assistant Controller to the TATC	B	-	L	-	-	-	*		0		0		8.0	2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212	-	-	-
AC	3202	Perform as an Assistant Controller to the AIC	B	-	L	-	-	-	*		0		0		8.0	2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212	-	-	4100
AC	3204	Perform as an Assistant Controller to the DAC	B	-	L	-	-	-	*		0		0		8.0	2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212	-	-	-
AC	3206	Perform as the Assistant Controller	B,R,M	E	L	-	-	-	1095		0		0		8.0	2008, 2012, 2026, 2028, 2200, 2202, 2204, 2206, 2208, 2210, 2212 , 3200, 3202, 3204	-	-	-
TOTAL ASSISTANT CONTROLLER (AC) STAGE										0	0	0	0	3	32.0				
SURVEILLANCE OPERATOR (SO) STAGE																			
SO	3300	Perform track data coordination/management function	B,R	-	L	-	-	-	*		0		0		8.0	2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-



TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
SO	3302	Perform combat identification functions	B,R	-	L	-	-	-	*		0		0		8.0	2000, 2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
SO	3304	Perform Electronic Warfare (EW) operations	B,R	-	L	-	-	-	*		0		0		8.0	2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
SO	3306	Perform as an SO	B,R,M	E	L	-	-	-	1095		0		0		8.0	2002, 2004, 2008, 2012, 2014, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	-
TOTAL SURVEILLANCE OPERATOR (SO) STAGE										0	0	0	0	2	32.0				
TACTICAL AIR TRAFFIC CONTROL (TATC) STAGE																			
TATC	3350	Perform as TATC	B,R,M	E	L	-	-	-	1095		0		0		8.0	2000, 2008, 2012, 2026, 2028, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	3102
TOTAL TACTICAL AIR TRAFFIC CONTROL (TATC) STAGE										0	0	0	0	1	8.0				

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DATA LINK COORDINATOR (DLC) STAGE																			
DLC	3400	Conduct tactical data link coordination	B	-	L	-	-	-	*	0		0		8.0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	-	

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DLC	3402	Perform as a DLC	B,R,M	E	L	-	-	-	1095	0		0		8.0		2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	3101
TOTAL DATA LINK COORDINATOR (DLC) STAGE										0	0	0	0	2	16.0				

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIR INTERCEPT CONTROLLER (AIC3) STAGE																			
AIC3	3500	Conduct N/GTD brief for a division	B,R	-	L	-	-	-	*	0		0		1.0	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	-	

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC3	3502	Conduct DTD brief for a division	B,R	-	L	-	-	-	*	0		0		1.0		2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	-

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
AIC3	3504	Perform AIC functions with a division of fighter aircraft	B,R,M	E	L	-	-	-	1095		0		0		4.0	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	-
TOTAL AIR INTERCEPT CONTROLLER (AIC3) STAGE										0	0	0	0	3	6.0				

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DEEP AIR CONTROLLER (DAC) STAGE																			
DAC	3600	Control aircraft in deep air operations	B,R,M	E	L	-	-	-	1460	0		6.0		0		2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	4201
TOTAL DEEP AIR CONTROLLER (DAC) STAGE										0	0	1	6.0	0	0.0				



TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MISSILE CONTROLLER (MC) STAGE																			
MC	3650	Perform manual MC functions	B,R,M	E	L	-	-	-	1460		0		4.0		0	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	2300

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MC	3652	Perform MC functions	B,R,M	E	L	-	-	-	1460		0		4.0		0	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	2301
TOTAL MISSILE CONTROLLER (MC) STAGE										0	0	2	8.0	0	0.0				
CREW CHIEF (CC) STAGE																			
CC	3700	Assist in the conduct of a site survey	B, R	-	L	-	-	-	*		0		0		1.5	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150,	-	-	-

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067			
CC	3702	Perform system troubleshooting	B	-	L	-	-	-	*		0		0		10.0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114,	-	-	-

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
															2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067				
CC	3704	Perform Crew Chief functions	B,R,M	E	L	-	-	-	1095		0		0		10.0	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058,	-	-	-

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
															2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067				
TOTAL CREW CHIEF (CC) STAGE										0	0	0	0	3	21.5				
DETACHMENT CHIEF (DCHF) STAGE																			

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DCHF	3800	Prepare a plan for Phasing Control Ashore	B,R,M	-	L	-	-	-	1460		0		1.0		0	2800, 2802	-	-	-
										0	0	1	1.0	0	0.0				
TOTAL MISSION SKILL PHASE (3000 PHASE)										4	12.0	4	15.0	14	115.5				
CORE PLUS SKILL TRAINING (4000 PHASE EVENTS)																			
DATA LINK COORDINATOR (DLC) STAGE																			
DLC	4400	Operate Link 11B	B	-	L	-	-	-			0		0		4.0	2014	-	-	-
DLC	4402	Troubleshoot Link 11B	B	-	L	-	-	-			0		0		4.0	-	-	-	
TOTAL DATA LINK COORDINATOR (DLC) STAGE										0	0	0	0	2	8.0				
COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE																			
C2SYS	4921	Operate C2 Personal Computer (C2PC)	B,R	-	L	-	-	-			0		0		4.0	-	-	-	
C2SYS	4942	Operate Air Defense System Integrator (ADSI)	B,R	-	L	-	-	-			0		0		4.0	-	-	-	
TOTAL COMMAND AND CONTROL SYSTEMS (C2SYS) STAGE										0	0	0	0	3	8.0				
TOTAL CORE PLUS SKILL PHASE (4000 PHASE)										0	0.0	0	0.0	5	16.0				
TOTAL 2000, 3000, AND 4000 PHASE										50	84.0	28	173.0	54	267.0				
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																			
INSTRUCTOR UNDER TRAINING (IUT)																			
BASIC INSTRUCTOR (BI)																			
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*		0		0		2.0	Recommended by SI or WTI	-	-	5000
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*		0		0		1.0	Recommended by SI or WTI	-	-	5010
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*		0		0		2.0	Recommended by SI or WTI	-	-	5020
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5.0				
SENIOR INSTRUCTOR (SI)																			
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	5100
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	5110
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*		0		0		2.0	5000, 5010, 5020, 6320	-	-	5120
IUT	5130	Develop a training plan	B,R,M	-	G	-	-	D	365		0		0		2.0	5000, 5010, 5020, 6320	-	-	5130
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8.0				
AIR INTERCEPT CONTROLLER INSTRUCTOR (AICI) STAGE																			
IUT	5500	State the AIC training rules	B	E	G	-	-	D	*		2.0		0		0.0	6253	-	-	-
IUT	5510	Instruct an AIC1	B	E	L	-	-	D	*		0		0		1.0	6253	-	-	-
IUT	5520	Instruct an AIC2	B	E	L	-	-	D	*		0		0		1.0	6253	-	-	-
TOTAL AIR INTERCEPT CONTROLLER INSTRUCTOR (AICI) STAGE										1	2.0	0	0.0	2	2.0				

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
										#	TIME	#	TIME	#	TIME				
	CODE	TITLE			TYPE	#	OPTION			1	2.0	0	0	7	13.0				
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										1	2.0	0	0	7	13.0				
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																			
QUALIFICATIONS (QUAL)																			
QUAL	6250	Qualify as an Assistant Controller (AC)	B	-	L	-	-	L	*		0		0		0.5	2008, 2012, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008	-	-	6300
QUAL	6251	Qualify as a Tactical Air Traffic Controller (TATC)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028,2050, 2056, 2066, 2100, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	6102

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6252	Qualify as a Deep Air Controller (DAC)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	6301



TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6253	Qualify as an Air Intercept Controller (AIC)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	6200

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6254	Qualify as a Missile Controller (MC)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2650, 2652, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 3650, 3652, 6250, 6251, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028,8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	-

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6255	Qualify as Data Link Coordinator (DLC)	B	-	L	-	-	L	*		0		0		0.5	2004, 2006, 2008, 2010, 2012, 2014, 2016, 2026, 2028, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 2943, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 3400, 3402, 6250, 6256, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	6101

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6256	Qualify as a Surveillance Operator (SO)	B	-	L	-	-	L	*	0		0		0.5		2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2910, 2940, 2941, 3000, 3006, 3200, 3202, 3204, 3206, 3300, 3302, 3304, 3306, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088	-	-	6100

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6257	Qualify as a Crew Chief (CC)	B	-	L	-	-	L	*	0		0		0.5	2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2026, 2028, 2030, 2034, 2036, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2300, 2302, 2304, 2350, 2352, 2354, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2600, 2650, 2652, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3700, 3702, 3704, 6250, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088 AND 3350, 3500, 3502, 3504, 3650, 6251, 6252, 6253, 6254 OR 2568, 2570, 2943, 3000, 3006, 3300, 3302, 3304, 3306, 3350, 3400, 3402, 6255, 6256, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067	-	-	6400, 6402	
Enclosure (1)																			

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
										#	TIME	#	TIME	#	TIME				
	CODE	TITLE			TYPE	#	OPTION			0	0	0	0	8	4.0				
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	8	4.0				
LICENSE TRACKING CODES (LIC)																			
CERT	6275	Certified in Local Area Fam	B,R,M	E	L	-	-	L	365		0		0		0.5	2150	-	-	-
TOTAL LICENSE TRACKING CODES (LIC)										8	0	0	0	4	0.5				
DESIGNATIONS (DESG)																			
DESG	6320	Designation as Basic Instructor (BI)	B	-	L	-	-	L	*		0		0		0.5	5000, 5010, 5020			
DESG	6321	Designation as Senior Instructor (SI)	B	-	L	-	-	L	*		0		0		0.5	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320			
DESG	6322	Designation as Weapons and Tactics Instructor (WTI)	B	-	L	-	-	L	*		0		0		0.5	6000			
DESG	6323	Designation as an Air Intercept Controller Instructor (AICI)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086,			6407

TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																8087, 8088			
DESG	6324	Designation as an Strike Fighter Tactics Instructor (SFTI)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6078, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088			

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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6325	Designation as Marine Division Tactics Instructor (MDTI)	B	-	L	-	-	L	*		0		0		0.5	2000, 2008, 2012, 2026, 2028, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2150, 2160, 2162, 2164, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2350, 2352, 2354, 2500, 2502, 2504, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2910, 2940, 2941, 3200, 3202, 3204, 3206, 3350, 3500, 3502, 3504, 5000, 5010, 5020, 5100, 5110, 5120, 5130, 5500, 5510, 5520, 6006, 6320, 6321, 6250, 6251, 6253, 6275, 8000, 8001, 8002, 8003, 8004, 8005, 8006, 8007, 8008, 8020, 8021, 8022, 8023, 8024, 8025, 8026, 8027, 8028, 8040, 8041, 8042, 8043, 8044, 8060, 8061, 8062, 8063, 8064, 8065, 8066, 8067, 8080, 8081, 8082, 8083, 8084, 8085, 8086, 8087, 8088			
DESG	6326	Designation as a Detachment Chief (DCHF)	B	-	L	-	-	L	*		0		0		0.5	2800, 2802, 3800			6403
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	7	3.5				
SCHOOL CODES (SCHL)																			
SCHL	6000	Weapons and Tactics Instructor (WTI)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	-
SCHL	6006	Marine Division Tactics Instructor (MDTI)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	-



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TAOC MOS 7236 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
SCHL	6020	Link 16 Basics Course (JT-100)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6021	Intro to Multi TDL Network (JT-101)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6022	Multi-TDL Advanced Joint Interoperability Course (MAJIC) (JT-102)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6023	Link 16 Joint Interoperability Course (US-109)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6024	Multi TDL Planner Course (JT-201)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6025	Link 16 Unit Manager (LUM) Course (JT-220)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6026	Joint Interface Control Officer (JICO) (JT-301)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6027	Joint Interface Control Center (JICC) (JT-310)	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
SCHL	6078	USMC TOPGUN AIC Course	B	-	G	-	-	-	*		0		0		0.0	-	-	-	
TOTAL SCHOOL CODES STAGE (SCHL)										8	0	0	0	0	0.0				
LICENSE TRACKING CODES (LIC)																			
LIC	6400	HMMWV	B	-	L	-	-	L	*		0		0		0.5	-	-	-	
LIC	6405	MK23 MTVR	B	-	L	-	-	L	*		0		0		0.5	-	-	-	
LIC	6410	MK27 MTVR	B	-	L	-	-	L	*		0		0		0.5	-	-	-	
LIC	6415	EXPLOSIVE/CORROSIVE HMMWV	B	-	L	-	-	L	*		0		0		0.5	-	-	-	
TOTAL LICENSE TRACKING CODES (LIC)										8	0	0	0	4	2.0				
TOTAL REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS SKILLS PHASE (RCQD)										8	0.0	0	0.0	19	9.5				

- 11.19 ADDITIONAL MATRIX (ORDNANCE/RANGES). None
- 11.20 ADDITIONAL CHAINING FOR 5000 AND 6000 PHASE EVENTS. None
- 11.21 AVIATION TRAINING FORMS (ATF). A syllabus evaluation form is required for any initial or subsequent event training. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website,  
<https://vcepub.tecom.usmc.mil/sites/msc/magtftc/mawts1/departments1/nwc3/default.aspx>
- 11.22 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). None