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MCO 1510.126  
C 4610  
30 Oct 02

MARINE CORPS ORDER 1510.126

From: Commandant of the Marine Corps  
To: Distribution List

Subj: INDIVIDUAL TRAINING STANDARDS SYSTEM FOR ELECTRONICS MAINTENANCE  
OCCUPATIONAL FIELD (OCCFIELD) 59

Ref: (a) MCO 1510.34A  
(b) MCO 1553.1B  
(c) MCO 1553.2  
(d) MCO 1553.3  
(e) MCO 3500.27A

Encl: (1) Description of an Individual Training Standard  
(2) Management of Individual Training Standards  
(3) Summary/Index of Individual Training Standards  
(4) Common Individual Training Standards  
(5) Training Support  
(6) Individual Training Standards  
(7) Summary/Index of Individual Training Standards by Specific Category  
(MOJT, DL, PST)

1. Purpose. To publish the Individual Training Standards (ITSs) at enclosures (1) through (7) for OccFld 59.

2. Background

a. The references (a) through (d) establish the system used to publish all training standards, provide policy, and assign training responsibilities, especially as applied to the Systems Approach to Training (SAT).

b. ITSs establish the training requirements for all Marines in the same occupational field (OccFld), Military Occupational Specialty (MOS), or billet. They provide a foundation upon which unit commanders, Functional Learning Center (FLC) directors, and distance learning (DL) developers build training packages for individual Marines as part of unit training plans or formal courses of instruction.

c. ITSs represent the skills that contribute to the unit mission as expressed in the Mission Performance Standards (MPS). Changes to doctrine or force structure or the introduction of new weapons or equipment may necessitate revision of this Order.

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

### 3. Information

a. ITSs are used by unit commanders, FLC directors, and DL developers to design, develop, conduct, and evaluate the individual training of Marines. Unit commanders are responsible for the sustainment of all individual tasks that have been deemed, through analysis, to support the unit's Mission Essential Task List (METL). Unit commanders can, therefore, use the tasks contained in this Order as the basis of individual training through Managed On-the-Job Training (MOJT), instruction in unit-level schools, or incorporation in their training plans. FLC directors and DL developers will derive Terminal Learning Objectives (TLO) and Enabling Learning Objectives (ELO) from the tasks, conditions, standards, and performance steps of each associated ITS. Task lists reported on Course Descriptive Data (CDD) submissions will consist of tasks contained in this Order that are designated for training at the appropriate level in the FLC. Task lists reported on Distance Learning Descriptive Data (DLDD) submissions will consist of tasks contained in this Order that are designated for DL training at the appropriate level.

b. Unit commanders and FLC directors are responsible for reviewing their training programs per reference (e) and making interventions that reduce risk to acceptable levels.

### 4. Action

#### a. Commanding General, Marine Corps Combat Development Command (CG MCCDC)

(1) Ensure all FLCs use this Order to train personnel to the standards required by grade and MOS.

(2) Ensure the Marine Corps Institute (MCI) and the Combat Visual Information Center (CVIC) provide standardized performance support tools (PST) and other training support requirements to facilitate training in units.

(3) Review, revise, and manage the upkeep of this Order in coordination with Operating Force and Supporting Establishment commanders and MOS Specialists/OccFld Managers.

(4) Ensure the Combat Development System identifies and mitigates the impact on training, by MOS and ITS, of all new equipment.

#### b. Commanding Generals of the Marine Forces and Supporting Establishment Commands and Commanders of Separate Organizations not Commanded by a General Officer

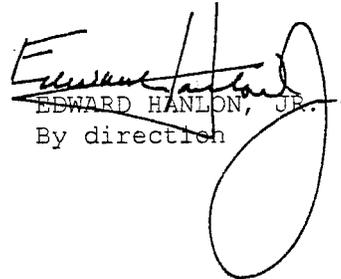
(1) Use this Order as the basis for individual training.

(2) Conduct MOJT programs and/or instruction in unit level schools to satisfy initial, sustainment, and refresher training requirements in so far as the tasks support unit mission requirements.

5. Submission of Recommendations and Requirements. Recommendations concerning the content of this Order are invited. Submit recommendations for additions, deletions, or modifications to CG MCCDC (C 4610) via the chain of command.

6. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

7. Certification. Reviewed and approved this date.

  
~~EDWARD HANLON, JR.~~  
By direction

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MCO 1510.126

30 Oct 02

LOCATOR SHEET

Subj: INDIVIDUAL TRAINING STANDARDS SYSTEM FOR ELECTRONICS MAINTENANCE  
OCCUPATIONAL FIELD (OCCFIELD) 59 (SHORT TITLE: 5900 ITS ORDER)

Location: \_\_\_\_\_  
(Indicate location(s) of copy(ies) of this Manual.)

5900 ITS ORDER

RECORD OF CHANGES

Log completed change action as indicated.

Change Number	Date of Change	Date Entered	Signature of Person Incorporated Change

DESCRIPTION OF AN INDIVIDUAL TRAINING STANDARD

1. ITS Designator. Each ITS has a unique three-part identifier that represents an MOS (or billet), a duty (or functional) area within that MOS, and a specific task included in that duty area. Each part is separated by periods. An example of an ITS Designator is 0311.02.08.

a. The first four positions ("0311" in the example above) represent the MOS or billet. For any ITS associated with an official MOS, the four digits must be identical to those assigned to the MOS in MCO P1200.7 (MOS Manual).

b. The middle two positions ("02" in the example above) represent the duty or functional area. Duty areas within a given MOS are assigned Arabic numerals. Duty areas 1 through 9 are always preceded by a leading zero. In the example above, "02" represents the second duty area under MOS 0311.

c. The last two positions ("08" in the example above) represent a specific task. Tasks within a specific duty or functional area are assigned Arabic numerals. Tasks 1 through 9 are always preceded by a leading zero. In the example above, "08" represents one task within the second duty area under MOS 0311.

2. ITS Components. There are six basic components of an ITS, five of which are mandatory:

a. Task. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or billet. It is a clearly stated, performance-oriented action requiring a learned skill. Skills that "make" a Marine or qualify that Marine for an MOS are designated as "Core." Those advanced skills that are mission, grade, or billet specific are designated as "Core Plus."

b. Condition(s). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.

c. Standard(s). This portion of the ITS describes the level of proficiency to which the individual must perform the task.

d. Performance Steps. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.

e. Reference(s). References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.

f. Administrative Instructions (Optional). Administrative instructions provide the trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.

3. ITS Training

a. Initial Training Setting. All ITs are assigned an initial training setting

ENCLOSURE (1)

that includes a specific location for initial instruction [Functional Learning Center (FLC) or Managed On-The-Job Training (MOJT)], a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By" grade (the lowest grade at which task proficiency is required).

b. Training Materiel (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials [except ammunition, distance learning (DL) products, and performance support tools (PST)] required or recommended to properly train the task under the specified conditions and to the specified standard.

c. Ammunition (Optional). This section includes any ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.

d. Distance Learning Product(s) (Optional). This section includes a list of any currently available or planned DL products designed to provide training related to this task.

e. Performance Support Tool(s) (Optional). This section includes a list of any currently available or planned PSTs designed to provide training related to this task.

MANAGEMENT OF INDIVIDUAL TRAINING STANDARDS

1. ITS Use

a. ITSs form the basis for all individual training in Functional Learning Centers (FLC) and units. They are written for all MOSs in order to specify the critical skills required by units of their individual Marines in support of the unit's combat missions as defined in the unit's Mission Essential Task List (METL).

b. FLC directors are responsible for reviewing all ITSs marked for initial training at the FLC. They must conduct courses of instruction on those ITSs appropriate for their student populations in terms of grade or rank. The task portion of each ITS taught in a given course must appear in the Task List (Item 24) of the CDD for that course. In accordance with the Systems Approach to Training (SAT), a Program of Instruction (POI) must also be developed for the course.

c. ITSs provide measures of performance that can be used by unit commanders to diagnose individual deficiencies and design training. Noted deficiencies should be scheduled for remediation on training plans or through Managed On-The-Job Training (MOJT), as appropriate.

d. A Marine should continue to receive instruction on ITSs that support the unit's METL. Individual training cannot cease upon graduation from the FLC because FLCs cannot prepare every Marine to serve in every billet. Individuals should be given opportunities in the unit to gain experience and responsibility as quickly as possible.

2. ITS Maintenance

a. A relationship exists between ITSs and the threat to Marine forces. Changes in the threat often trigger corresponding changes in our weapons, equipment, or doctrine, which then necessitate producing new or updated training standards. Such action requires a team effort on the part of the operating forces, the FLCs, and staff agencies at both Headquarters, U.S. Marine Corps and the Marine Corps Combat Development Command (MCCDC).

b. ITSs are ultimately validated by unit commanders and FLC directors. Records of Proceedings (ROP) resulting from Course Content Review Boards (CCRB) conducted by FLCs are particularly well suited for recommending revisions. The ROP should contain a justification for each proposed addition, deletion, or change and should accompany any request to obtain authority to depart from the currently published ITSs. Unit commanders can recommend changes through participation in a school's CCRB or directly via the chain of command. Unless significant changes warrant earlier action, ITS orders are revised and republished on a 4-year cycle.

c. ITS management is a dynamic process involving user maintenance as the key to refining standards to best serve unit missions. ITS users should evaluate whether ITSs support or fail to support an MOS, and ITS components should be examined for realism and pertinence. Users are encouraged to submit recommended changes to published ITSs through the chain of command.

ENCLOSURE (2)

SUMMARY/INDEX OF INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure is a summary listing of all ITS tasks grouped by MOS and Duty Area.
2. Format. The columns are as follows:
  - a. SEQ. Sequence Number. This number dictates the order in which tasks for a given duty area are displayed.
  - b. TASK. ITS Designator. This is the permanent designator assigned to the task when it is created.
  - c. TITLE. ITS Task Title.
  - d. CORE. An "X" appears in this column when the task is designated as a "Core" task required to "make" a Marine and qualify that Marine for the appropriate MOS. The absence of an "X" indicates that this is an advanced ("Core Plus") task that is mission, grade, or billet specific.
  - e. FLC. Functional Learning Center. An "X" appears in this column when the FLC is designated as the initial training setting. The absence of an "X" indicates that the initial training is accomplished through Managed On-The-Job Training (MOJT).
  - f. DL. Distance Learning Product. An "X" in this column indicates that at least one DL product is associated with this task. Consult enclosure (6) for details.
  - g. PST. Performance Support Tool. An "X" in this column indicates that at least one PST is associated with this task. Consult enclosure (6) for details.
  - h. SUS. Sustainment Training Period. An entry in this column represents the number of months between evaluation or retraining by the unit to maintain the proficiency required by the standard, provided the task supports the unit's METL.
  - i. REQ BY. Required By. An entry in this column depicts the lowest grade required to demonstrate proficiency in this task.
  - j. PAGE. Page Number. This column lists the number of the page in enclosure (6) that contains detailed information concerning this task.

<u>SEQ</u>	<u>TASK</u>	<u>TITLE</u>	<u>CORE</u>	<u>FLC</u>	<u>DL</u>	<u>PST</u>	<u>SUS</u>	<u>REQ BY</u>	<u>PAGE</u>
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MOS 5900, BASIC ELECTRONICS MAINTENANCE MARINE

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5900.01.01	DEPLOY A MAINTENANCE FACILITY					12	GySgt	6-A-1
2)	5900.01.02	SUPERVISE THE PREPARATION OF EQUIPMENT FOR EMBARKATION					12	Sgt	6-A-2
3)	5900.01.03	PREPARE EQUIPMENT FOR EMBARKATION	X				12	Pvt	6-A-3
4)	5900.01.04	EMBARK EQUIPMENT	X				12	Cpl	6-A-3

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
5)	5900.01.05	COORDINATE COMMUNICATIONS SECURITY MATERIAL SYSTEM SUPPORT	X				12	Sgt	6-A-4

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5900.02.01	RECOMMEND T/E CHANGES	X	X			12	SSgt	6-A-5
2)	5900.02.02	DEVELOP MAINTENANCE STANDARD OPERATING PROCEDURES (SOP)					12	SSgt	6-A-5
3)	5900.02.03	PLAN MACCS MAINTENANCE SUPPORT	X	X			12	Sgt	6-A-6
4)	5900.02.04	COORDINATE THE PLANNING OF POWER DISTRIBUTION AND GROUNDING					12	Sgt	6-A-8
5)	5900.02.05	RECOMMEND T/O CHANGES	X	X			12	SSgt	6-A-8

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5900.03.01	PERFORM SOLDERING ON BASIC ELECTRONIC COMPONENTS	X	X			12	Pvt	6-A-10
2)	5900.03.02	PROTECT ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES DURING HANDLING, STORAGE AND TRANSPORTATION	X	X			12	Pvt	6-A-10
3)	5900.03.03	OPERATE TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE) FOR ELECTRONIC EQUIPMENT	X	X			12	Pvt	6-A-11
4)	5900.03.04	PERFORM LIMITED TECHNICAL INSPECTION (LTI) ON MACCS EQUIPMENT					12	Sgt	6-A-12
5)	5900.03.05	PERFORM PREVENTIVE MAINTENANCE ON ORGANIZATIONAL MAINTENANCE EQUIPMENT					12	Pvt	6-A-13
6)	5900.03.06	DIRECT MAINTENANCE ACTIONS					12	SSgt	6-A-14
7)	5900.03.07	PERFORM ROUTINE SYSTEM CHECKS WITH A GROUND TESTER	X	X			12	Pvt	6-A-15
8)	5900.03.08	IMPLEMENT GROUNDING AND POWER PLAN					12	Pvt	6-A-15
9)	5900.03.09	PERFORM ADVANCE SOLDERING ON ELECTRONIC COMPONENTS		X			12	Sgt	6-A-16
10)	5900.03.10	MAINTAIN MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS) SHELTERS					12	Pvt	6-A-16

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5900.04.01	COMPLETE AN EQUIPMENT REPAIR ORDER (ERO) /ASSET TRACKING LOGISTIC AUTOMATED SUPPLY SYSTEM (ATLASS) WORK ORDER (WO) OR MAF	X	X			12	Pvt	6-A-18
2)	5900.04.02	REQUISITION REQUIRED PARTS	X	X			12	Pvt	6-A-18
3)	5900.04.03	SUPERVISE MAINTENANCE SHOP PROGRAMS	X	X			12	Sgt	6-A-19
4)	5900.04.04	MAINTAIN MAINTENANCE REPORTS/SCHEDULES/PROGRAMS	X	X			12	Cpl	6-A-20
5)	5900.04.05	MAINTAIN TURN-OVER FOLDER					12	SSgt	6-A-21
6)	5900.04.06	SUBMIT CHANGE TO TECHNICAL PUBLICATION					12	LCpl	6-A-22
7)	5900.04.07	IMPLEMENT ELECTROMAGNETIC ENVIRONMENTAL EFFECTS E(3) PROGRAM					12	Sgt	6-A-23
8)	5900.04.08	MAINTAIN EQUIPMENT RECORD JACKETS					12	LCpl	6-A-23
9)	5900.04.09	REQUEST NEW EQUIPMENT IN SERVICE	X	X			12	GySgt	6-A-24
10)	5900.04.10	PREPARE ELECTRONIC MAINTENANCE RELATED MESSAGES/CORRESPONDENCE	X				12	Sgt	6-A-24

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
11)	5900.04.11	CONDUCT PERFORMANCE ASSURANCE REVIEWS					12	SSgt	6-A-25
12)	5900.04.12	HANDLE CLASSIFIED MATERIALS					12	Pvt	6-A-26
13)	5900.04.13	MANAGE HAZARDOUS MATERIALS					12	Pvt	6-A-26
14)	5900.04.14	SUPERVISE USE OF CRYPTOGRAPHIC MATERIAL	X				12	Sgt	6-A-26

MOS 5902, ELECTRONICS MAINTENANCE OFFICER (AVIATION)

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5902.01.01	PERFORM AS ELECTRONICS MAINTENANCE OFFICER (MACS TAOC/AIR BASES)					12	Capt	6-B-1
2)	5902.01.02	MANAGE STAFF OF ACQUISITION AND EQUIPMENT SPECIALISTS FOR SECTION OF MARINE CORPS SYSTEMS COMMAND (MARCORSYSCOM)					12	Capt	6-B-1
3)	5902.01.03	PERFORM AS AVIATION ELECTRONICS MAINTENANCE REQUIREMENTS OFFICER					12	Maj	6-B-2
4)	5902.01.04	SERVE AS AN ELECTRONICS MAINTENANCE OFFICER TO SUPPORT FORMAL TRAINING. (MCCES/MATTC)					12	Capt	6-B-3
5)	5902.01.05	SPONSOR 5900 OCCUPATIONAL FIELD. (APC5)					12	LtCol	6-B-4
6)	5902.01.06	BRIEF COMMANDER ON EQUIPMENT READINESS. (MACCS)					12	Capt	6-B-4
7)	5902.01.07	SUPERVISE THE MANAGEMENT OF THE UNIT'S COMSEC MATERIAL SYSTEM (CMS)/ ELECTRONIC KEY MANAGEMENT SYSTEM (EKMS) ACCOUNT	X				12	Capt	6-B-5
8)	5902.01.08	PROVIDE INPUT TO HIGHER HEADQUARTERS CONCERNING INTEGRATION OF MARINE AIR TRAFFIC CONTROL SYSTEMS AND MARINE AIR COMMAND AND CONTROL SYSTEMS	X				12	Capt	6-B-6
9)	5902.01.09	PROVIDE AUTHORITATIVE STAFF SUPPORT FOR THE AC/S G-6 IN AREAS RELATING TO THE MAINTENANCE OF MACCS EQUIPMENT	X				12	Maj	6-B-6
10)	5902.01.10	DEVELOP INFORMATION SYSTEMS PLANS	X	X			12	Capt	6-B-7
11)	5902.01.11	DRAFT EMERGENCY ACTION PLAN(EAP)	X	X			12	Capt	6-B-8
12)	5902.01.12	SUPERVISE INSTALLATION OF INFORMATION SYSTEMS	X				12	Capt	6-B-8
13)	5902.01.13	MANAGE INFORMATION SYSTEMS CONFIGURATION MANAGEMENT	X	X			12	Maj	6-B-9
14)	5902.01.14	DEVELOP DATA COMMUNICATIONS NETWORK PLANS	X	X			12	Maj	6-B-10
15)	5902.01.15	DRAFT COMSEC POLICIES AND PROCEDURES					12	Capt	6-B-10
16)	5902.01.16	IMPLEMENT UNITS INFORMATION ASSURANCE (IA) TRAINING AND AWARENESS PROGRAM		X			6	Capt	6-B-11
17)	5902.01.17	DRAFT COMMUNICATIONS INFORMATION SYSTEMS (CIS) PLAN	X	X			12	Capt	6-B-12
18)	5902.01.18	INSPECT FUNCTIONAL AREAS		X			12	Capt	6-B-13

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5902.02.01	FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE FOR AVIATION AND GROUND ELECTRONIC SYSTEMS	X				12	Capt	6-B-14
2)	5902.02.02	FORMULATE A PLAN FOR THE INSTALLATION,	X				12	Capt	6-B-15

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
		OPERATION AND MAINTENANCE OF TACTICAL DATA AND VOICE COMMUNICATIONS IN SUPPORT OF MAGTF AND JOINT SERVICE EXERCISES								
3)	5902.02.03	FORMUALTE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE FOR GARRISON/TACTICAL INFORMATIONS SYSTEMS INFRASTRUCTURE	X					12	Maj	6-B-16
4)	5902.02.04	SUBMIT ESTIMATES AND JUSTIFICATION FOR FISCAL YEAR FUNDING AND MID YEAR REVIEWS						12	Capt	6-B-18
5)	5902.02.05	ANNUALLY VALIDATE SECONDARY REPAIRABLE REQUIREMENTS						12	Capt	6-B-18

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5902.03.01	MANAGE ACTIVITIES IN THE INSTALLATION, OPERATION AND MAINTENANCE OF AVIATION AND GROUND ELECTRONIC EQUIPMENT AND SYSTEMS	X					12	Capt	6-B-20
2)	5902.03.02	SUPERVISE TRAINING FOR ELECTRONICS MAINTENANCE PERSONNEL						12	Capt	6-B-20
3)	5902.03.03	MANAGE THE INSTALLATION, OPERATION AND MAINTENANCE OF TACTICAL DATA AND VOICE COMMUNICATIONS IN SUPPORT OF MAGTF AND JOINT SERVICE EXERCISES	X					12	Capt	6-B-21
4)	5902.03.04	MANAGE THE INSTALLATION, OPERATION AND MAINTENANCE FOR GARRISON/TACTICAL INFORMATIONS SYSTEMS INFRASTRUCTURE	X					12	Maj	6-B-22
5)	5902.03.05	MANAGE THE EMPLOYMENT, INTEGRATION AND MAINTENANCE OF INFORMATION TECHNOLOGY RESOURCES TO INCLUDE HARDWARE AND SOFTWARE	X					12	Maj	6-B-23

DUTY AREA 04 - ADMINISTRATION AND LOGISTICAL ACTIONS

1)	5902.04.01	DIRECT THE ELECTRONIC MAINTENANCE SUPPORT PROGRAMS						12	Capt	6-B-24
2)	5902.04.02	SUPERVISE MAINTENANCE PRODUCTION						12	Capt	6-B-25
3)	5902.04.03	ENSURE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO ORGANIC COMMUNICATION AND ELECTRONIC SYSTEMS						12	Capt	6-B-26
4)	5902.04.04	MANAGE MACCS C4I CONTRACTOR LOGISTICAL SUPPORT (CLS) PROGRAM FOR THE MARINE CORPS (MCLB ALBANY)						12	Capt	6-B-27
5)	5902.04.05	PREPARE A BUDGET						12	Capt	6-B-28
6)	5902.04.06	WRITE A MAINTENANCE SOP		X	X			12	Capt	6-B-29

MOS 5910, AVIATION RADAR MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5910.01.01	CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION						12	WO1	6-C-1
2)	5910.01.02	DEPLOY AVIATION RADAR SYSTEMS	X	X				12	WO1	6-C-1
3)	5910.01.03	CONDUCT A PRE-DEPLOYMENT INSPECTION			X			12	WO1	6-C-2

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
4)	5910.01.04	PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER PERTAINING TO SITING OF AVIATION RADAR SYSTEMS					12	WO1	6-C-2
5)	5910.01.05	PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER IN DEVELOPING THE UNIT'S COMMUNICATIONS PLAN					12	WO1	6-C-3
6)	5910.01.06	SUPERVISE THE ACTIVITIES IN THE INSTALLATION OF AVIATION RADAR SYSTEMS					12	WO1	6-C-4
7)	5910.01.07	BRIEF OPERATIONAL READINESS OF AVIATION RADAR SYSTEMS AND MAINTENANCE SECTIONS TO THE COMMANDER	X	X			12	WO1	6-C-4
8)	5910.01.08	SUPERVISE THE OPERATION OF AVIATION RADAR SYSTEMS					12	WO1	6-C-5

DUTY AREA 02 - MAINTENANCE PLANNINGS

1)	5910.02.01	PROVIDE INPUT TO UNIT STANDARD OPERATING PROCEDURES (SOP) AS IT APPLIES TO AVIATION RADAR AND SHORT RANGE AIR DEFENSE (SHORAD) SYSTEMS	X	X			12	WO1	6-C-7
2)	5910.02.02	PLAN FOR TACTICAL DEPLOYMENT OF MAINTENANCE SECTION		X			12	WO1	6-C-7
3)	5910.02.03	PROVIDE INPUT FOR UNIT'S BUDGET SUBMISSION					12	WO1	6-C-8

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5910.03.01	DIRECT AVIATION RADAR AND SHORAD SYSTEMS MAINTENANCE	X	X			12	WO1	6-C-10
2)	5910.03.02	DIRECT AVIATION RADAR SYSTEMS AND SHORAD MAINTENANCE SUPPORT PROGRAMS	X				12	WO1	6-C-10

MOS 5912, Avenger System Maintainer

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5912.01.01	PERFORM INSTALLATION OF AN/TWQ-1	X	X			6	Pvt	6-D-1
2)	5912.01.02	PERFORM SYSTEM INITIALIZATION OF AN/TWQ-1	X				6	Pvt	6-D-1
3)	5912.01.03	SUPERVISE SYSTEM INITIALIZATION OF AN/TWQ-1	X				12	Sgt	6-D-2

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5912.02.01	PLAN MACCS COMMUNICATIONS MAINTENANCE SUPPORT	X	X			12	Sgt	6-D-3
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DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5912.03.01	ISOLATE FAULTY AN/TWQ-1 LRU	X	X			6	Pvt	6-D-5
2)	5912.03.02	REPAIR FAULTY LRU ON THE AN/TWQ-1	X	X			6	Pvt	6-D-5
3)	5912.03.03	PERFORM ALIGNMENTS ON THE AN/TWQ-1	X				6	Pvt	6-D-6

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ TASK TITLE CORE FLC DL PST SUS REQ BY PAGE  
MOS 5937, AVIATION RADIO REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5937.01.01	INSTALL RADIOS INTO MACCS	X	X		6	Pvt	6-E-1
2)	5937.01.02	SUPERVISE THE INSTALLATION OF MACCS AVIATION GROUND ELECTRONICS SYSTEMS				12	LCpl	6-E-1
3)	5937.01.03	PERFORM SITE SELECTION FOR THE AN/TSQ-207				6	Sgt	6-E-3
4)	5937.01.04	PERFORM INSTALLATION OF AN/TSQ-207	X	X		6	Pvt	6-E-3
5)	5937.01.05	PERFORM SYSTEM INITIALIZATION OF AN/TSQ-207	X	X		6	Pvt	6-E-4
6)	5937.01.06	PERFORM CONFIGURATION OF COMMUNICATION DISTRIBUTION SYSTEM (CDS)	X	X		6	Pvt	6-E-5
7)	5937.01.07	PERFORM INSTALLATION OF AN/UYQ-3A FOR AIRBORNE OPERATION	X			6	Pvt	6-E-5
8)	5937.01.08	KEY CRYPTOGRAPHIC SYSTEMS	X	X		6	Pvt	6-E-6
9)	5937.01.09	OPERATE CRYPTOGRAPHIC EQUIPMENT	X	X		6	Pvt	6-E-7
10)	5937.01.10	ERECT COMMUNICATION ANTENNAS	X			6	Pvt	6-E-7
11)	5937.01.11	PROGRAM RADIOS TO WORK IN ANTI-JAM CONFIGURATION	X	X		6	Pvt	6-E-8
12)	5937.01.12	SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207	X			12	Sgt	6-E-8
13)	5937.01.13	PERFORM OPERATIONAL CHECK OF UNIX BASED SYSTEMS	X			6	Pvt	6-E-9
14)	5937.01.14	INSTALL MACS REMOTE RADAR LINK	X	X		6	Pvt	6-E-9
15)	5937.01.15	CONFIGURE STAND ALONE CDS EQUIPMENT INSIDE OF THE TACC	X	X		12	Pvt	6-E-10
16)	5937.01.16	INSTALL THE AN/UPS-3	X	X		12	Pvt	6-E-10

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5937.02.01	PLAN MACCS COMMUNICATIONS MAINTENANCE SUPPORT				12	Sgt	6-E-12
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DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5937.03.01	SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT				12	Sgt	6-E-14
2)	5937.03.02	ISOLATE A FAULT IN THE AN/TSQ-207 TO AN LRU	X	X		6	Pvt	6-E-14
3)	5937.03.03	ISOLATE A FAULT IN THE AN/UYQ-3A AIRBORNE MOBILE DASC TO AN LRU	X	X		6	Pvt	6-E-15
4)	5937.03.04	PERFORM ALIGNMENTS ON THE AN/GRC-171B(V)4	X			6	Pvt	6-E-16
5)	5937.03.05	ISOLATE A FAULT IN THE AN/GRC-171B(V)4 TO AN LRU	X	X		6	Pvt	6-E-16
6)	5937.03.06	PERFORM CORRECTIVE MAINTENANCE ON SINGLE CHANNEL RADIOS TO THE LRU	X	X		6	Pvt	6-E-17
7)	5937.03.07	PERFORM CORRECTIVE MAINTENANCE ON THE AN/UPS-3 TO THE LRU	X	X		12	Pvt	6-E-19
8)	5937.03.08	PERFORM MAINTENANCE ON TACTICAL FIBER OPTIC CABLE	X	X		6	Pvt	6-E-19

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
<u>MOS 5939, AVIATION RADIO TECHNICIAN</u>										

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5939.01.01	PLAN SYSTEM INTEGRATION OF ORGANIC COMMUNICATIONS/DATA SYSTEMS OF THE MACCS	X	X				12	Sgt	6-F-1
2)	5939.01.02	SUPERVISE INTEGRATION OF ORGANIC TACTICAL DATA SYSTEMS INTO THE MACCS						12	Sgt	6-F-1
3)	5939.01.03	COORDINATE THE BUILDING OF NETWORK ARCHITECTURE FOR TACTICAL DATA PROCESSING SYSTEMS						12	SSgt	6-F-2
4)	5939.01.04	SUPERVISE INSTALLATION OF RADIOS INTO MACCS COMMUNICATION SYSTEMS						12	Sgt	6-F-3
5)	5939.01.05	PERFORM SITE SELECTION FOR MACCS SITE COMMUNICATIONS	X					12	Sgt	6-F-4
6)	5939.01.06	SUPERVISE INSTALLATION OF MACCS COMMUNICATIONS SYSTEMS	X					12	Sgt	6-F-4
7)	5939.01.07	SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207	X					12	Sgt	6-F-5
8)	5939.01.08	SUPERVISE INSTALLATION OF AN/UYQ-3A FOR AIRBORNE OPERATION	X					12	Sgt	6-F-5
9)	5939.01.09	SUPERVISE THE OPERATION OF CRYPTOGRAPHIC EQUIPMENT	X					12	Sgt	6-F-6
10)	5939.01.10	SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS	X					12	Sgt	6-F-6
11)	5939.01.11	DETERMINE ANTENNA REQUIREMENTS FOR MACCS COMMUNICATIONS	X	X				12	Sgt	6-F-7
12)	5939.01.12	SUPERVISE THE PROGRAMMING OF RADIOS TO WORK IN ANTI-JAM MODE OF OPERATION	X					12	Sgt	6-F-8
13)	5939.01.13	ESTABLISH COMMUNICATIONS IN AN EW ENVIRONMENT						12	Sgt	6-F-8

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5939.03.01	SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT	X					12	Sgt	6-F-11
2)	5939.03.02	ISOLATE A FAULTY SRU IN MACCS COMMUNICATION EQUIPMENT	X	X				12	Sgt	6-F-11
3)	5939.03.03	REPAIR A FAULTY SRU FROM MACCS COMMUNICATION EQUIPMENT	X	X				12	Sgt	6-F-12
4)	5939.03.04	REPAIR AN/UYQ-3A FAULTY SRU TO THE COMPONENT LEVEL	X	X				12	Sgt	6-F-13
5)	5939.03.05	PERFORM AN/GRC-171B(V)4 ALIGNMENTS	X	X				12	Sgt	6-F-14
6)	5939.03.06	REPAIR AN/GRC-171B(V)4 FAULTY LRU TO THE COMPONENT LEVEL	X	X				12	Sgt	6-F-15
7)	5939.03.07	PERFORM CORRECTIVE MAINTENANCE ON GROUND RADIO SYSTEMS TO THE SRU	X	X				12	Sgt	6-F-15
8)	5939.03.08	PERFORM CORRECTIVE MAINTENANCE ON AN/UPS-3 LRU	X	X				12	Sgt	6-F-16

MOS 5942, AVIATION RADAR REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
1)	5942.01.01	PERFORM AVIATION RADAR SYSTEM EMBARKATION PROCEDURES	X	X			12	Pvt	6-G-1
2)	5942.01.02	SETUP AVIATION RADAR SYSTEMS	X	X			12	Pvt	6-G-1
3)	5942.01.03	PERFORM PRE-OPERATIONAL CHECKS ON AVIATION RADAR SYSTEMS	X	X			12	Pvt	6-G-2
4)	5942.01.04	OPERATE AN AVIATION RADAR SYSTEM	X	X			12	Pvt	6-G-3
5)	5942.01.05	EXECUTE RADAR SAFETY REQUIREMENTS	X	X			12	Pvt	6-G-3
6)	5942.01.06	IDENTIFY THE USE OF CRYPTOGRAPHIC DEVICES WITHIN RADAR SYSTEMS	X	X			12	Pvt	6-G-4
7)	5942.01.07	INSTALL CRYPTOGRAPHIC DEVICES	X	X			12	Pvt	6-G-5
8)	5942.01.08	ERECT COMMUNICATION ANTENNAS					12	Pvt	6-G-6
9)	5942.01.09	OPERATE MOBILE ELECTRIC POWER GENERATING EQUIPMENT					12	Pvt	6-G-6
10)	5942.01.10	DESCRIBE MACCS OPERATIONS	X	X			12	Pvt	6-G-7
11)	5942.01.11	OPERATE TEST EQUIPMENT	X	X			12	Pvt	6-G-7
12)	5942.01.12	INSTALL IFF EQUIPMENT	X	X			12	Pvt	6-G-8
13)	5942.01.13	OPERATE IFF EQUIPMENT	X				12	Pvt	6-G-9
14)	5942.01.14	ESTABLISH REMOTE RADAR LINKS					12	Pvt	6-G-9
15)	5942.01.15	TRANSPORT AN AVIATION RADAR SYSTEM					12	Pvt	6-G-10

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5942.03.01	PERFORM CORRECTIVE MAINTENANCE ON AVIATION RADAR SYSTEM TO THE LRU	X	X			12	Pvt	6-G-12
2)	5942.03.02	PERFORM ALIGNMENT PROCEDURES	X				12	Pvt	6-G-13
3)	5942.03.03	PERFORM CORRECTIVE MAINTENANCE ON IFF EQUIPMENT TO THE LRU	X	X			12	Pvt	6-G-13

MOS 5948, AVIATION RADAR TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5948.01.01	SUPERVISE THE EMPLACEMENT OF AVIATION RADAR SYSTEMS	X				12	Sgt	6-H-1
2)	5948.01.02	SUPERVISE THE INSTALLATION OF AVIATION RADAR SYSTEMS AND ANCILLARY EQUIPMENT	X				12	Sgt	6-H-1
3)	5948.01.03	COORDINATE AVIATION RADAR SYSTEM EMBARKATION	X				12	Sgt	6-H-2
4)	5948.01.04	DETERMINE THE OPERATIONAL PERFORMANCE OF RADAR SYSTEMS/ANCILLARY EQUIPMENT	X	X			12	Sgt	6-H-3
5)	5948.01.05	VERIFY AN OPERATIONAL INTERFACE BETWEEN AVIATION RADAR SYSTEMS AND EXTERNAL SYSTEMS	X				12	Sgt	6-H-4
6)	5948.01.06	PERFORM SITE SURVEY	X	X			12	Sgt	6-H-5
7)	5948.01.07	CONFIGURE AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT TO RESPOND TO OPERATIONAL ENVIRONMENT	X	X			12	Sgt	6-H-5

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5948.03.01	SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT	X				12	Sgt	6-H-8
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ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
2)	5948.03.02	SUPERVISE PREVENTIVE MAINTENANCE (PM) ON AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT	ON	X			12	Sgt	6-H-8
3)	5948.03.03	ISOLATE DEFECTIVE COMPONENTS ON FAULTY SUBASSEMBLIES		X	X		12	Sgt	6-H-9
4)	5948.03.04	REPLACE DEFECTIVE COMPONENTS ON FAULTY SUBASSEMBLIES		X			12	Sgt	6-H-10
5)	5948.03.05	PERFORM CORRECTIVE MAINTENANCE ON AVIATION RADAR SYSTEMS TO THE COMPONENT LEVEL		X			12	Sgt	6-H-11
6)	5948.03.06	PERFORM AVIATION RADAR SYSTEM UNIX MAINTENANCE FUNCTIONS		X	X		12	Sgt	6-H-12

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5948.04.01	SUPERVISE SAFETY/HAZMAT PROCEDURES		X			12	Sgt	6-H-13
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MOS 5950, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5950.01.01	DEPLOY THE MARINE AIR TRAFFIC CONTROL AND LANDING SYSTEM					12	CWO2	6-I-1
2)	5950.01.02	CONDUCT A PRE-DEPLOYMENT INSPECTION					12	CWO2	6-I-2
3)	5950.01.03	ADVISE COMMANDER OF THE CAPABILITIES OF THE AIR TRAFFIC CONTROL SYSTEMS					12	CWO2	6-I-2
4)	5950.01.04	PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER IN DEVELOPING THE UNIT'S COMMUNICATION PLAN					12	CWO2	6-I-3
5)	5950.01.05	BRIEF THE COMMANDER ON THE OPERATIONAL READINESS OF AIR TRAFFIC CONTROL SYSTEMS AND PERSONNEL					12	CWO2	6-I-3

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5950.02.01	DEVELOP STANDARD OPERATING PROCEDURES (SOP) FOR AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE					12	CWO2	6-I-5
2)	5950.02.02	PROVIDE UNIT BUDGET INPUT					12	CWO2	6-I-6
3)	5950.02.03	RECOMMEND CHANGES TO THE ALLOWANCE LIST					12	CWO2	6-I-7

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5950.03.01	DIRECT AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE					12	CWO2	6-I-8
2)	5950.03.02	DIRECT MARINE AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE SUPPORT PROGRAMS		X			12	CWO2	6-I-8
3)	5950.03.03	SUPERVISE MAINTENANCE PERSONNEL IN THE PERFORMANCE OF THEIR DUTIES					12	CWO2	6-I-10
4)	5950.03.04	MONITOR MAINTENANCE MANAGEMENT PROGRAM					12	CWO2	6-I-10
5)	5950.03.05	CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION					12	CWO2	6-I-11

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
1)	5950.04.01	MANAGE A CONSOLIDATED MEMORANDUM RECEIPT (CMR) ACCOUNT					12	CWO2	6-I-12
2)	5950.04.02	DETERMINE EQUIPMENT READINESS USING MAINTENANCE DATA SYSTEMS					12	CWO2	6-I-12

MOS 5952, AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5952.01.01	CONDUCT A SITE SURVEY FOR NAVIGATIONAL AIDS EQUIPMENT					12	SSgt	6-J-1
2)	5952.01.02	SUPERVISE THE EMBARKATION OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-1
3)	5952.01.03	EMBARK NAVIGATIONAL AIDS EQUIPMENT					12	Pvt	6-J-2
4)	5952.01.04	SUPERVISE THE EMPLOYMENT OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-3
5)	5952.01.05	EMPLOY NAVIGATIONAL AIDS EQUIPMENT					12	Pvt	6-J-4
6)	5952.01.06	SUPERVISE THE OPERATION OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-5
7)	5952.01.07	OPERATE NAVIGATIONAL AIDS EQUIPMENT			X		12	Pvt	6-J-6
8)	5952.01.08	SUPERVISE THE INSTALLATION AND OPERATION OF MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Sgt	6-J-7
9)	5952.01.09	OPERATE MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Pvt	6-J-8
10)	5952.01.10	PERFORM AS A MEMBER OF A MARINE MOBILE TEAM (MMT)					12	Pvt	6-J-8
11)	5952.01.11	CONDUCT FEDERAL AVIATION ADMINISTRATION (FAA) FLIGHT CERTIFICATION OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-9

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5952.02.01	GENERATE PLANNED MAINTENANCE FOR NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-10
2)	5952.02.02	SUPERVISE THE PLANNED MAINTENANCE FOR NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-10
3)	5952.02.03	DEVELOP CORRECTIVE MAINTENANCE PLANNING FOR NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-11

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5952.03.01	SUPERVISE CORRECTIVE MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-12
2)	5952.03.02	PERFORM CORRECTIVE MAINTENANCE ON NAVIGATIONAL AIDS EQUIPMENT			X		12	Pvt	6-J-13
3)	5952.03.03	SUPERVISE PLANNED MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-14
4)	5952.03.04	PERFORM PLANNED MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT			X		12	Pvt	6-J-15
5)	5952.03.05	SUPERVISE CORRECTIVE MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Sgt	6-J-15

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
6)	5952.03.06	PERFORM CORRECTIVE MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Pvt	6-J-16
7)	5952.03.07	SUPERVISE PLANNED MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Sgt	6-J-17
8)	5952.03.08	PERFORM PLANNED MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Pvt	6-J-17
9)	5952.03.09	SUPERVISE ALIGNMENTS AND ADJUSTMENTS ON NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-18
10)	5952.03.10	ALIGN AND ADJUST NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt	6-J-19
11)	5952.03.11	SUPERVISE OPERATION OF TEST EQUIPMENT					12	Sgt	6-J-20
<u>DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS</u>									
1)	5952.04.01	SUPERVISE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-22
2)	5952.04.02	DEMONSTRATE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt	6-J-22
3)	5952.04.03	INVENTORY EQUIPMENT					12	Sgt	6-J-23
4)	5952.04.04	SUPERVISE THE GENERATION OF A MANUAL MAINTENANCE ACTION FORM (MAF)					12	Sgt	6-J-23
5)	5952.04.05	GENERATE A MANUAL MAINTENANCE ACTION FORM (MAF)	X				12	Pvt	6-J-24
6)	5952.04.06	SUPERVISE THE UPDATING OF A MANUAL MAF					12	Sgt	6-J-25
7)	5952.04.07	UPDATE A MANUAL MAF	X				12	Pvt	6-J-26
8)	5952.04.08	VERIFY COMPLETION OF MANUAL MAF					12	Sgt	6-J-27
9)	5952.04.09	COMPLETE A MANUAL MAF	X				12	Pvt	6-J-28
10)	5952.04.10	GENERATE AN AUTOMATED MAF					12	Sgt	6-J-29
11)	5952.04.11	UPDATE AN AUTOMATED MAF					12	Sgt	6-J-31
12)	5952.04.12	COMPLETE AN AUTOMATED MAF					12	Sgt	6-J-32
13)	5952.04.13	RECONCILE OPEN MAFS					12	Sgt	6-J-33
14)	5952.04.14	GENERATE A MAF REPORT					12	Sgt	6-J-34
15)	5952.04.15	SUPERVISE THE REQUISITION OF ITEMS THROUGH NAVY SUPPLY SYSTEM					12	Sgt	6-J-34
16)	5952.04.16	COMPLETE A SUPPLY REQUISITION FORM	X				12	Pvt	6-J-35
17)	5952.04.17	MAINTAIN PUBLICATIONS LIBRARY					12	Sgt	6-J-36
18)	5952.04.18	COMPLETE PUBLICATIONS INVENTORY					12	Pvt	6-J-37
19)	5952.04.19	SUBMIT DEFICIENCY REPORTS					12	Sgt	6-J-37
20)	5952.04.20	SUBMIT A FEEDBACK REPORT					12	Sgt	6-J-38
21)	5952.04.21	MAINTAIN CARDIOPULMONARY RESUSCITATION (CPR) CERTIFICATION					12	Pvt	6-J-39
22)	5952.04.22	ADMINISTER TECHNICAL TRAINING PROGRAM					12	Sgt	6-J-39
23)	5952.04.23	CONDUCT TECHNICAL TRAINING					12	Pvt	6-J-39

MOS 5953, AIR TRAFFIC CONTROL RADAR TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5953.01.01	SUPERVISE ACTIVITIES IN THE SITING AND SURVEYING OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	SSgt	6-K-1
2)	5953.01.02	SUPERVISE ACTIVITIES IN THE INSTALLATION					12	SSgt	6-K-1

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
		OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT							
3)	5953.01.03	SUPERVISE ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	LCpl	6-K-2
4)	5953.01.04	PERFORM SITE SURVEY OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT	X	X			12	Pvt	6-K-3
5)	5953.01.05	PERFORM INSTALLATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	Pvt	6-K-4
6)	5953.01.06	PERFORM OPERATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT	X	X			12	Pvt	6-K-5
7)	5953.01.07	SUPERVISE ACTIVITIES IN THE EMBARKATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	SSgt	6-K-6
8)	5953.01.08	PERFORM EMBARKATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	Pvt	6-K-7
9)	5953.01.09	SUPERVISE A FLIGHT CHECK					12	SSgt	6-K-8
10)	5953.01.10	CONDUCT A FLIGHT CHECK					12	Pvt	6-K-8

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5953.02.01	GENERATE PLANNED MAINTENANCE SCHEDULES	X	X			12	SSgt	6-K-10
2)	5953.02.02	ESTABLISH CORRECTIVE MAINTENANCE PROCEDURES					12	SSgt	6-K-10

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5953.03.01	PERFORM PREVENTIVE MAINTENANCE ON THE AN/UYQ-34(V)2	X	X			12	Pvt	6-K-11
2)	5953.03.02	PERFORM OPERABILITY CHECKS ON THE AN/UYQ-34(V)2	X	X			12	Pvt	6-K-11
3)	5953.03.03	PERFORM ALIGNMENTS AND ADJUSTMENTS ON THE AN/UYQ-34(V)2	X	X			12	Pvt	6-K-11
4)	5953.03.04	TROUBLESHOOT THE AN/UYQ-34(V)2	X	X			12	Pvt	6-K-12
5)	5953.03.05	REPAIR/REPLACE COMPONENTS OF THE AN/UYQ-34(V)2					12	Pvt	6-K-13
6)	5953.03.06	PERFORM PREVENTIVE MAINTENANCE ON THE AN/TPS-73	X	X			12	Pvt	6-K-13
7)	5953.03.07	PERFORM OPERABILITY CHECKS ON THE AN/TPS-73	X	X			12	Pvt	6-K-14
8)	5953.03.08	MEASURE SYSTEM PARAMETERS OF THE AN/TPS-73	X	X			12	Pvt	6-K-14
9)	5953.03.09	CHECK SYSTEM PARAMETERS OF THE AN/TPS-73	X	X			12	Pvt	6-K-15
10)	5953.03.10	PERFORM ALIGNMENTS AND ADJUSTMENTS ON THE AN/TPS-73	X	X			12	Pvt	6-K-16
11)	5953.03.11	TROUBLESHOOT THE AN/TPS-73	X	X			12	Pvt	6-K-17
12)	5953.03.12	REPAIR/REPLACE COMPONENTS OF THE AN/TPS-73					12	Pvt	6-K-17
13)	5953.03.13	PERFORM PREVENTIVE MAINTENANCE ON THE AN/TPN-22	X	X			12	Pvt	6-K-18
14)	5953.03.14	PERFORM OPERABILITY CHECKS ON THE AN/TPN-22	X	X			12	Pvt	6-K-19
15)	5953.03.15	TROUBLESHOOT THE AN/TPN-22	X				12	Pvt	6-K-20
16)	5953.03.16	REPAIR AND REPLACE COMPONENTS IN THE AN/TPN-22					12	Pvt	6-K-20

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
17)	5953.03.17	PERFORM PREVENTIVE MAINTENANCE ON THE AN/USH-26	X				12	Pvt	6-K-21
18)	5953.03.18	PERFORM OPERABILITY CHECKS ON THE AN/USH-26	X				12	Pvt	6-K-21
19)	5953.03.19	PERFORM ALIGNMENTS AND ADJUSTMENTS ON THE AN/USH-26	X	X			12	Pvt	6-K-22
20)	5953.03.20	TROUBLESHOOT AND REPAIR THE AN/USH-26					12	Pvt	6-K-22
21)	5953.03.21	CHECK OPERATIONAL CAPABILITIES OF AIR TRAFFIC CONTROL RADAR SYSTEMS USING THE AN/TSQ-131	X	X			12	Pvt	6-K-23

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5953.04.01	INVENTORY EQUIPMENT AND TECHNICAL PUBLICATIONS					12	Pvt	6-K-24
2)	5953.04.02	COMPLETE A MANUAL MAINTENANCE ACTION FORM(MAF)	X	X			12	Pvt	6-K-24
3)	5953.04.03	COMPLETE AN AUTOMATED MAF					12	Pvt	6-K-24
4)	5953.04.04	MANAGE MAFS					12	Cpl	6-K-25
5)	5953.04.05	UTILIZE THE NAVY SUPPLY SYSTEM					12	LCpl	6-K-25
6)	5953.04.06	DEVELOP DESKTOP PROCEDURES					12	SSgt	6-K-26
7)	5953.04.07	COMPLETE APPLICABLE AIR TRAFFIC CONTROL SYSTEMS SCHOOLS WHEN ASSIGNED TO A MARINE CORPS AIR STATION RATCF/RATCC		X			12	Pvt	6-K-26

MOS 5954, AIR TRAFFIC CONTROL COMMUNICATIONS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5954.01.01	SUPERVISE ACTIVITIES IN THE SITING, INSTALLATION, AND OPERATION OF AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT					12	SSgt	6-L-1
2)	5954.01.02	PERFORM SITING, INSTALLATION AND OPERATION OF AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT					6	LCpl	6-L-3
3)	5954.01.03	SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS					6	SSgt	6-L-4
4)	5954.01.04	ERECT COMMUNICATION ANTENNAS FOR MATCALS COMMUNICATIONS EQUIPMENT	X				6	LCpl	6-L-5
5)	5954.01.05	CONNECT EXTERNAL COMMUNICATIONS TO A TACTICAL SHELTER	X	X			12	Pvt	6-L-6
6)	5954.01.06	SET UP TACTICAL DATA INFORMATION LINKS (TADIL)	X	X			6	Pvt	6-L-7
7)	5954.01.07	EMBARK MATCALS COMMUNICATION EQUIPMENT	X		X		6	Pvt	6-L-8
8)	5954.01.08	PERFORM SYSTEM INITIALIZATION OF MATCALS COMMUNICATION SUBSYSTEMS	X	X			1	Pvt	6-L-9
9)	5954.01.09	SUPERVISE SYSTEM INITIALIZATION OF MATCALS COMMUNICATION SUBSYSTEMS					6	SSgt	6-L-10
10)	5954.01.10	MANAGE TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT					6	SSgt	6-L-11
11)	5954.01.11	SUPERVISE ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL (ATC) STATION					6	SSgt	6-L-13

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
12)	5954.01.12	SYSTEMS AND EQUIPMENT PERFORM ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL (ATC) STATION SYSTEMS AND EQUIPMENT	X	X				1 LCpl	6-L-15
13)	5954.01.13	MANAGE TECHNICAL MATTERS PERTAINING TO MCAS AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT						6 SSgt	6-L-17

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5954.02.01	PLAN MATCALC COMMUNICATIONS MAINTENANCE SUPPORT						12 SSgt	6-L-20
2)	5954.02.02	PLAN MCAS COMMUNICATIONS MAINTENANCE SUPPORT						6 SSgt	6-L-21

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5954.03.01	SUPERVISE THE MAINTENANCE OF MATCALC COMMUNICATIONS EQUIPMENT			X			6 SSgt	6-L-24
2)	5954.03.02	MAINTAIN MATCALC COMMUNICATIONS EQUIPMENT	X	X	X			1 Pvt	6-L-27
3)	5954.03.03	PERFORM PREVENTATIVE MAINTENANCE ON MATCALC COMMUNICATION EQUIPMENT	X	X				6 Pvt	6-L-30
4)	5954.03.04	PERFORM CORRECTIVE MAINTENANCE ON MATCALC COMMUNICATION EQUIPMENT TO THE LRU	X	X				6 Pvt	6-L-32
5)	5954.03.05	SUPERVISE THE MAINTENANCE OF MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS			X			6 SSgt	6-L-34
6)	5954.03.06	MAINTAIN THE MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS	X	X	X			6 LCpl	6-L-37
7)	5954.03.07	PERFORM PREVENTATIVE MAINTENANCE ON MARINE CORPS AIR STATION COMMUNICATION EQUIPMENT	X	X				6 Pvt	6-L-40
8)	5954.03.08	PERFORM CORRECTIVE MAINTENANCE ON MARINE CORPS AIR STATION COMMUNICATION EQUIPMENT TO THE LRU	X	X				6 LCpl	6-L-42

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5954.04.01	MANAGE TECHNICAL MATTERS PERTAINING TO MARINE AIR TRAFFIC CONTROL AUTOMATIC LANDING SYSTEM (MATCALC) COMMUNICATION EQUIPMENT						1 SSgt	6-L-46
2)	5954.04.02	MANAGE TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT (MCAS)						1 SSgt	6-L-48

MOS 5959, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE CHIEF

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5959.01.01	ADVISE MAINTENANCE OFFICER ON ALL TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL (ATC) SYSTEMS AND						12 MSgt	6-M-1
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ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
		EQUIPMENT							
2)	5959.01.02	ADVISE THE MAINTENANCE OFFICER ON THE SAFETY PROGRAMS RELATED TO THE MAINTENANCE AND OPERATION OF THE ATC EQUIPMENT/SYSTEM(S)					12	MSgt	6-M-1
3)	5959.01.03	ADVISE THE MAINTENANCE OFFICER ON ATC SYSTEMS AND READINESS					12	MSgt	6-M-2
4)	5959.01.04	ATTEND THE CURRENT ATC SYSTEMS SCHOOL ADVANCE MANAGEMENT COURSE(S)	X	X			12	MSgt	6-M-2
5)	5959.01.05	SUPERVISE THE SURVEY OF AN AIRFIELD FOR OPERATIONS AND EQUIPMENT REQUIRED					12	MSgt	6-M-3
6)	5959.01.06	ASSIST IN THE DEVELOPMENT OF EQUIPMENT REQUIREMENTS FOR AIR TRAFFIC CONTROL OPERATIONS					12	MSgt	6-M-3
7)	5959.01.07	SUPERVISE SITING OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT					12	MSgt	6-M-4
8)	5959.01.08	PROVIDE TECHNICAL ASSISTANCE DURING A FEDERAL AVIATION ADMINISTRATION FLIGHT INSPECTION					12	MSgt	6-M-5
9)	5959.01.09	ATTEND THE CURRENT NAVY PLANNED MAINTENANCE COURSE	X	X			12	MSgt	6-M-5
10)	5959.01.10	ATTEND CURRENT TEST EQUIPMENT "MEASURE" COURSE	X	X			12	MSgt	6-M-5

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5959.02.01	SUPERVISE MANAGED ON THE JOB TRAINING (MOJT) AND TECHNICAL TRAINING					12	MSgt	6-M-7
2)	5959.02.02	REVIEW TECHNICAL MAINTENANCE LIBRARY REQUIREMENTS					12	MSgt	6-M-7
3)	5959.02.03	REVIEW THE CURRENT EQUIPMENT ALLOWANCE LIST IN ALL AREAS	X				12	MSgt	6-M-8
4)	5959.02.04	REVIEW PLANNED MAINTENANCE SCHEDULES					12	MSgt	6-M-8
5)	5959.02.05	PLAN\REVIEW ANNUAL OPERATIONAL BUDGET					12	MSgt	6-M-9
6)	5959.02.06	REVIEW COORDINATED SHIPBOARD ALLOWANCE LIST(COSAL)					12	MSgt	6-M-9

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5959.03.01	SUPERVISE THE INSTALLATION OF ATC SYSTEMS, SUB-SYSTEMS AND EQUIPMENT					12	MSgt	6-M-11
2)	5959.03.02	CONDUCT QUALITY CONTROL SPOT CHECKS ON CORRECTIVE MAINTENANCE ACTIONS					12	MSgt	6-M-11
3)	5959.03.03	MANAGE THE REPAIR OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT		X			12	MSgt	6-M-12
4)	5959.03.04	SPOT CHECK PLANNED MAINTENANCE			X		12	MSgt	6-M-12
5)	5959.03.05	SUPERVISE MODIFICATIONS TO EQUIPMENT					12	MSgt	6-M-13

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5959.04.01	PROCESS PRODUCT QUALITY DEFICIENCY REPORT (PQDR)					12	MSgt	6-M-14
2)	5959.04.02	PROCESS A CASREP					12	MSgt	6-M-14
3)	5959.04.03	PROCESS COSAL (COORDINATED SHIPBOARD ALLOWANCE LIST) FEEDBACK REPORT					12	MSgt	6-M-15

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
4)	5959.04.04	UTILIZE WORD PROCESSING, SPREADSHEET AND DATABASES SYSTEM SOFTWARE PACKAGES(NON-TACTICAL)	X	X			12	MSgt	6-M-15
5)	5959.04.05	PRODUCE EQUIPMENT READINESS/STATUS REPORT					12	MSgt	6-M-16
6)	5959.04.06	SUPERVISE THE REQUISITIONING OF ITEMS THROUGH THE SUPPLY SYSTEM					12	MSgt	6-M-16
7)	5959.04.07	RECOMMEND/PROVIDE INPUT TO FISCAL PLAN/ANNUAL BUDGET		X			12	MGySgt	6-M-17
8)	5959.04.08	PROCESS A 4790/CK SHIPS' CONFIGURATION CHANGE FORM	X	X			12	MSgt	6-M-18
9)	5959.04.09	CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION					12	MSgt	6-M-19
10)	5959.04.10	REVIEW MAINTENANCE DATA SYSTEM DOCUMENTATION (MDS) FOR ACCURACY, AS REQUIRED/NEEDED	X	X			12	MSgt	6-M-19
11)	5959.04.11	ANALYZE MAINTENANCE DATA					12	MSgt	6-M-20
12)	5959.04.12	PROCESS REPORT OF DISCREPANCY (ROD)					12	MSgt	6-M-21
13)	5959.04.13	ADVISE THE MAINTENANCE OFFICER, DETACHMENT COMMANDER, AND/OR HIGHER HEADQUARTERS CONCERNING CAPABILITIES OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT					12	MSgt	6-M-21
14)	5959.04.14	REVIEW CALIBRATION READINESS					12	MSgt	6-M-22

MOS 5962, TACTICAL DATA SYSTEMS EQUIPMENT REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5962.01.01	EMPLACE MARINE AIR COMMAND AND CONTROL SYSTEM SHELTER SUITE					12	Pvt	6-N-1
2)	5962.01.02	INSTALL TACTICAL DATA SYSTEMS HARDWARE	X	X			12	Pvt	6-N-1
3)	5962.01.03	IMPLEMENT AN INTERNET PROTOCOL (IP) TACTICAL DATA NETWORK	X	X			12	Pvt	6-N-2
4)	5962.01.04	CONFIGURE A TACTICAL DATA COMPUTER SUITE	X	X			12	Pvt	6-N-3
5)	5962.01.05	OPERATE A TACTICAL DATA COMPUTER USING AN OPERATING SYSTEM	X	X			12	Pvt	6-N-3
6)	5962.01.06	MANAGE TACTICAL DATA SYSTEMS USER ACCOUNTS	X	X			12	Pvt	6-N-4
7)	5962.01.07	MANAGE TACTICAL DATA SYSTEMS FILE SYSTEMS	X	X			12	Pvt	6-N-4
8)	5962.01.08	INSTALL MARINE CORPS AUTHORIZED SOFTWARE	X	X			12	Pvt	6-N-5
9)	5962.01.09	WRITE SCRIPT FILES	X	X			12	Pvt	6-N-6
10)	5962.01.10	CONDUCT SYSTEM BACK-UP AND RECOVERY ON TACTICAL DATA COMPUTERS	X	X			12	Pvt	6-N-6
11)	5962.01.11	MAINTAIN SYSTEM PROCESSES	X	X			12	Pvt	6-N-7
12)	5962.01.12	PROVIDE DATA COMMUNICATIONS LINKS	X	X			12	Pvt	6-N-7

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5962.03.01	PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU	X	X			12	Pvt	6-N-10
2)	5962.03.02	MAINTAIN TACTICAL DATA NETWORK SERVICES	X	X			12	Pvt	6-N-10

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
<u>MOS 5963, TACTICAL AIR OPERATIONS MODULE REPAIRER</u>										

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5963.01.01	EMPLOY EQUIPMENT						12	Pvt	6-0-1
2)	5963.01.02	VERIFY OPERATION OF EQUIPMENT	X	X				12	Pvt	6-0-1

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5963.03.01	PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU	X	X				12	Pvt	6-0-4
2)	5963.03.02	PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE SRU	X	X				12	Pvt	6-0-4
3)	5963.03.03	PERFORM FIBRE OPTIC MAINTENANCE ON TACTICAL FIBRE OPTIC CABLE ASSEMBLIES	X	X				12	Pvt	6-0-5

MOS 5970, DATA SYSTEMS MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5970.01.01	SUPERVISE INSTALLATION ACTIVITIES OF TACTICAL DATA SYSTEMS(TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS)	X					12	WO1	6-P-1
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DUTY AREA 02 - MAINTENANCE PLANNING

1)	5970.02.01	PLAN SUPPORT FOR TACTICAL DATA SYSTEMS (TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS)	X					12	WO1	6-P-3
2)	5970.02.02	PLAN THE TACTICAL DEPLOYMENT OF A TDS SECTION	X					12	WO1	6-P-3
3)	5970.02.03	DEVELOP EMERGENCY ACTION PLAN (EAP) FOR TACTICAL DATA SYSTEMS		X				12	WO1	6-P-4

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5970.03.01	DEPLOY A FIELD MAINTENANCE ACTIVITY						12	WO1	6-P-6
2)	5970.03.02	CONDUCT A PRE-DEPLOYMENT INSPECTION						12	WO1	6-P-6
3)	5970.03.03	DEPLOY A CONTACT TEAM						12	WO1	6-P-7
4)	5970.03.04	DIRECT THE MAINTENANCE OF THE TACTICAL DATA SYSTEMS (TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEMS (MACCS)						12	WO1	6-P-7
5)	5970.03.05	DIRECT TACTICAL DATA SYSTEMS MAINTENANCE SHOP PROCEDURES	X	X				12	WO1	6-P-8
6)	5970.03.06	BRIEF COMMANDER ON EQUIPMENT READINESS OF A MAINTENANCE SECTION		X				12	WO1	6-P-9
7)	5970.03.07	ADVISE THE COMMANDER ON TECHNOLOGICAL INTERFACE COMPATIBILITIES OF DOD/NON-DOD AND TACTICAL DATA SYSTEMS WITHIN THE MARINE AIR COMMAND CONTROL SYSTEMS		X				12	WO1	6-P-10

ENCLOSURE (3)

MCO 1510.126  
30 OCT 02

<u>SEQ</u>	<u>TASK</u>	<u>TITLE</u>	<u>CORE</u>	<u>FLC</u>	<u>DL</u>	<u>PST</u>	<u>SUS</u>	<u>REQ</u>	<u>BY</u>	<u>PAGE</u>
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MOS 5974, TACTICAL DATA SYSTEMS ADMINISTRATOR

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5974.01.01	MAINTAIN MARINE CORPS AUTHORIZED SOFTWARE	X	X			12	Sgt		6-Q-1
2)	5974.01.02	WRITE ADVANCED SCRIPT FILES	X	X			12	Sgt		6-Q-1
3)	5974.01.03	MANAGE TACTICAL DATA SYSTEM PERFORMANCE	X	X			12	Sgt		6-Q-2
4)	5974.01.04	CONFIGURE MULTIPLE TACTICAL DATA SYSTEMS NETWORK	X				12	Sgt		6-Q-2

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5974.02.01	PLAN TACTICAL DATA SYSTEM NETWORK ARCHITECTURE		X			12	SSgt		6-Q-4
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DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5974.03.01	PERFORM TROUBLESHOOTING OF TACTICAL DATA SYSTEM PROBLEMS TO THE SRU	X	X			12	Sgt		6-Q-5
2)	5974.03.02	TROUBLESHOOT TACTICAL DATA LINKS	X	X			12	Sgt		6-Q-5

MOS 5979, TACTICAL AIR OPERATIONS MODULE TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5979.01.01	SUPERVISE THE EMPLOYMENT OF EQUIPMENT	X				12	Sgt		6-R-1
2)	5979.01.02	VERIFY OPERATIONAL STATUS OF TACTICAL DATA SYSTEMS	X				12	Sgt		6-R-1

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5979.02.01	PLAN SUPPORT FOR TACTICAL DATA SYSTEMS	X				12	Sgt		6-R-3
2)	5979.02.02	PLAN SUPPORT FOR MACCS AGENCY (TACC, MASS, MACS, ATC DET)	X				12	SSgt		6-R-3

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5979.03.01	SUPERVISE CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU	X				12	Sgt		6-R-5
2)	5979.03.02	PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE SRU	X	X			12	Sgt		6-R-5
3)	5979.03.03	PERFORM SYSTEM SOFTWARE CONFIGURATION IN TACTICAL DATA SYSTEMS	X	X			12	Sgt		6-R-6
4)	5979.03.04	PERFORM CORRECTIVE MAINTENANCE ON FIBER-OPTIC DEVICES	X	X			12	Sgt		6-R-7

MOS 5993, ELECTRONICS MAINTENANCE CHIEF

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5993.01.01	DEPLOY A MAINTENANCE ACTIVITY	X	X			12	MGySgt		6-S-1
2)	5993.01.02	ESTABLISH COMMUNICATION-ELECTRONIC	X				12	MGySgt		6-S-2

ENCLOSURE (3)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
<u>MAINTENANCE SHOP PROCEDURES</u>										
<u>DUTY AREA 02 - MAINTENANCE PLANNING</u>										
1)	5993.02.01	PLAN NEW EQUIPMENT FIELDING	X	X				12	MGySgt	6-S-4
2)	5993.02.02	ASSIST IN THE PLANNING FOR TACTICAL DEPLOYMENT OF MACCS AGENCIES	X					12	MGySgt	6-S-4
<u>DUTY AREA 03 - MAINTENANCE ACTIONS</u>										
1)	5993.03.01	DIRECT MAINTENANCE ACTIONS	X	X				12	MGySgt	6-S-7
2)	5993.03.02	BRIEF MAINTENANCE OFFICER ON EQUIPMENT READINESS	X					12	MGySgt	6-S-7
3)	5993.03.03	INSPECT MAINTENANCE PRODUCTION	X	X				12	MGySgt	6-S-8
4)	5993.03.04	PROVIDE AUTHORITATIVE STAFF SUPPORT FOR THE AC/S G6 IN AREAS RELATING TO THE MAINTENANCE OF MACCS EQUIPMENT	X	X				12	MGySgt	6-S-9
<u>DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS</u>										
1)	5993.04.01	DRAFT EMERGENCY ACTION PLAN (EAP)	X	X				12	MGySgt	6-S-10
2)	5993.04.02	DRAFT TACTICAL DATA/COMMUNICATIONS-ELECTRONIC MAINTENANCE SOP	X					12	MGySgt	6-S-10
3)	5993.04.03	RECOMMEND/PROVIDE INPUT TO FISCAL PLAN	X					12	MGySgt	6-S-11

ENCLOSURE (3)

COMMON INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure lists the ITS tasks common to more than one MOS within the OccFld. It is designed to assist the trainer in consolidating training for common tasks.

2. Format. The columns are as follows:

a. TASK TITLE. A listing of all tasks common to at least two MOSs.

b. COMMON TASK NUMBERS. A listing of the ITS designators for all ITs containing the same task title.

<u>TASK TITLE</u>	<u>COMMON TASK NUMBERS</u>		
COMPLETE AN AUTOMATED MAF	5952.04.12	5953.04.03	
CONDUCT A PRE-DEPLOYMENT INSPECTION	5910.01.03	5950.01.02	5970.03.02
CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION	5910.01.01	5950.03.05	5959.04.09
DIRECT MAINTENANCE ACTIONS	5900.03.06	5993.03.01	
ERECT COMMUNICATION ANTENNAS	5937.01.10	5942.01.08	
PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU	5962.03.01	5963.03.01	
PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE SRU	5963.03.02	5979.03.02	
PLAN MACCS COMMUNICATIONS MAINTENANCE SUPPORT	5912.02.01	5937.02.01	
SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT	5937.03.01	5939.03.01	
SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207	5937.01.12	5939.01.07	
SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS	5939.01.10	5954.01.03	

ENCLOSURE (4)

TRAINING SUPPORT

1. This enclosure summarizes five categories of training support by ITS for the entire OccFld:

Appendix A: References

Appendix B: Training Materiel

Appendix C: Ammunition, Explosives, and Pyrotechnics

Appendix D: Distance Learning Products

Appendix E: Performance Support Tools

2. If support identified in any appendix is not applicable to this OccFld, the appendix will include a statement to that effect.

ENCLOSURE (5)

REFERENCES

1. General. References are doctrinal publications, technical manuals, and other publications upon which an ITS and its performance steps are based. They should be readily available and provide the detailed procedures for accomplishing the task. This section includes a list of all reference publications associated with any task in this OccFld.

2. Format. The columns are as follows:

a. REFERENCES. This column summarizes all references associated with at least one ITS task in this OccFld.

b. TASK NUMBERS. A listing of all ITS tasks to which the corresponding reference is associated.

<u>REFERENCES</u>	<u>TASK NUMBERS</u>			
Applicable Technical Publications/Manuals	5900.01.02	5900.01.03	5900.01.04	5900.01.05
	5900.02.03	5900.02.04	5900.03.01	5900.03.03
	5900.03.04	5900.03.05	5900.03.06	5900.03.07
	5900.03.08	5900.03.09	5900.03.10	5900.04.02
	5900.04.03	5900.04.04	5900.04.06	5900.04.09
	5900.04.10	5900.04.12	5900.04.13	5900.04.14
	5902.01.01	5902.01.02	5902.01.03	5902.01.04
	5902.01.08	5902.01.09	5902.01.10	5902.01.12
	5902.01.13	5902.01.14	5902.01.17	5902.01.18
	5902.02.01	5902.02.02	5902.02.03	5902.02.05
	5902.03.01	5902.03.02	5902.03.03	5902.03.04
	5902.03.05	5902.04.01	5902.04.02	5902.04.04
	5902.04.05	5910.01.02	5910.01.03	5910.01.04
	5910.01.05	5910.01.06	5910.01.07	5910.01.08
	5910.02.01	5910.02.02	5910.03.01	5910.03.02
	5912.01.01	5912.01.02	5912.01.03	5912.02.01
	5912.03.01	5912.03.02	5912.03.03	5937.01.01
	5937.01.02	5937.01.03	5937.01.04	5937.01.05
	5937.01.06	5937.01.07	5937.01.08	5937.01.09
	5937.01.10	5937.01.11	5937.01.12	5937.01.13
	5937.01.14	5937.01.15	5937.01.16	5937.02.01
	5937.03.01	5937.03.02	5937.03.03	5937.03.04
	5937.03.05	5937.03.06	5937.03.07	5937.03.08
	5939.01.01	5939.01.02	5939.01.03	5939.01.04
	5939.01.05	5939.01.06	5939.01.07	5939.01.08
	5939.01.10	5939.01.11	5939.01.12	5939.01.13
	5939.03.01	5939.03.02	5939.03.03	5939.03.04
	5939.03.05	5939.03.06	5939.03.07	5939.03.08
	5942.01.01	5942.01.02	5942.01.03	5942.01.04
	5942.01.05	5942.01.06	5942.01.07	5942.01.08
	5942.01.09	5942.01.11	5942.01.12	5942.01.13
	5942.01.14	5942.01.15	5942.03.01	5942.03.02
	5942.03.03	5948.01.01	5948.01.02	5948.01.03

Appendix A to  
ENCLOSURE (5)

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
	5948.01.04	5948.01.05	5948.01.06	5948.01.07
	5948.03.01	5948.03.02	5948.03.03	5948.03.04
	5948.03.05	5948.03.06	5948.04.01	5950.01.01
	5950.01.02	5950.01.03	5950.01.04	5950.01.05
	5950.02.01	5950.02.03	5950.03.01	5950.03.02
	5952.01.11	5952.04.22	5952.04.23	5954.01.01
	5954.01.02	5954.01.03	5954.01.04	5954.01.05
	5954.01.06	5954.01.07	5954.01.08	5954.01.09
	5954.01.10	5954.01.11	5954.01.12	5954.01.13
	5954.02.01	5954.02.02	5954.03.01	5954.03.02
	5954.03.03	5954.03.04	5954.03.05	5954.03.06
	5954.03.07	5954.03.08	5954.04.01	5954.04.02
	5959.01.03	5959.01.07	5959.01.08	5959.02.01
	5959.02.02	5959.02.03	5959.02.04	5959.02.05
	5959.02.06	5959.03.01	5959.03.02	5959.03.03
	5959.03.04	5959.03.05	5959.04.01	5959.04.02
	5959.04.03	5959.04.05	5959.04.06	5959.04.08
	5959.04.09	5959.04.10	5959.04.12	5959.04.13
	5959.04.14	5962.01.01	5962.01.02	5962.01.03
	5962.01.04	5962.01.05	5962.01.06	5962.01.07
	5962.01.08	5962.01.09	5962.01.10	5962.01.11
	5962.01.12	5962.03.01	5962.03.02	5963.01.01
	5963.01.02	5963.03.01	5963.03.02	5963.03.03
	5970.01.01	5970.02.01	5970.03.01	5970.03.04
	5970.03.05	5970.03.07	5974.01.01	5974.01.02
	5974.01.03	5974.01.04	5974.02.01	5974.03.01
	5974.03.02	5979.01.01	5979.01.02	5979.02.01
	5979.02.02	5979.03.01	5979.03.02	5979.03.03
	5979.03.04	5993.01.02	5993.02.01	5993.02.02
	5993.03.01	5993.03.02	5993.03.03	5993.03.04
	5993.04.01	5993.04.02		
CMR, Consolidated Memorandum Receipt	5900.01.02	5900.02.01	5900.02.03	5900.04.04
	5900.04.05	5900.04.08	5900.04.09	5902.01.08
	5902.04.01	5912.02.01	5937.02.01	5937.03.01
	5939.03.01	5950.02.01	5950.03.02	5950.04.01
	5952.04.03	5954.02.01	5954.02.02	5959.04.07
	5959.04.08	5959.04.11	5993.01.01	5993.02.01
CURRENT FISCAL BUDGET FOR BASE/POST/STATION	5900.01.02	5902.04.05	5910.02.03	5950.01.01
	5950.02.02	5959.02.05	5959.04.07	
Comptrollers Directives	5950.02.02	5950.03.04	5959.02.05	5959.04.07
	5993.04.03			
DESKTOP PROCEDURES	5902.04.01	5952.02.03	5952.04.03	5952.04.13
	5952.04.14	5952.04.15	5952.04.17	5952.04.18
	5953.04.01	5959.02.01	5959.02.02	5959.02.03
	5959.02.04	5959.02.05	5959.02.06	5959.03.01
	5959.03.02	5959.03.03	5959.03.04	5959.03.05
	5959.04.01	5959.04.02	5959.04.03	5959.04.04
	5959.04.05	5959.04.06	5959.04.07	5959.04.08
	5959.04.09	5959.04.10	5959.04.11	5959.04.12
	5959.04.13	5959.04.14		

Appendix A to  
ENCLOSURE (5)

REFERENCES	TASK NUMBERS			
ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly	5974.01.04	5974.03.01		
FLIGHT CHECK CERTIFICATION MANUAL	5950.02.01	5953.01.09	5953.01.10	
FSMAO Checklist	5900.01.02 5910.01.01	5902.01.09	5902.04.01	5902.04.02
Higher Headquarters Directives	5902.01.01 5902.01.05 5902.04.04 5959.01.10 5959.03.02 5959.04.02 5959.04.07 5959.04.14	5902.01.02 5902.03.02	5902.01.03 5902.04.01	5902.01.04 5902.04.03 5959.01.04 5959.01.06 5959.02.05 5959.02.06 5959.03.01 5959.03.05 5959.04.01 5959.04.05 5959.04.06 5959.04.08 5959.04.09 5959.04.11
MAGFARS	5993.04.03			
MARINE MOBILE TEAM (MMT) STANDARD OPERATING PROCEDURES MANUAL	5900.03.06	5952.01.10	5959.04.07	
Maintenance Contracts	5902.04.05 5954.03.05	5950.03.05 5954.03.06	5954.03.01	5954.03.02
Maintenance Float Catalog	5900.03.04 5912.03.02 5939.03.03 5954.03.07	5900.04.03 5937.03.03 5939.03.04 5954.03.08	5902.02.05 5937.03.05 5939.03.06	5902.04.01 5937.03.06 5939.03.07
Maintenance Requirement Card	5952.03.04 5954.03.01 5954.04.01	5952.03.08 5954.03.02 5954.04.02	5954.01.10 5954.03.05 5959.03.04	5954.01.13 5954.03.06
NAVY METROLOGY AND CALIBRATION PROGRAM (METCAL)	5959.04.14			
OGRE Checklist	5902.04.01 5950.03.05 5959.03.05 5959.04.10	5950.02.01 5959.02.02 5959.04.03 5959.04.11	5950.03.03 5959.03.02 5959.04.06 5959.04.12	5950.03.04 5959.03.04 5959.04.09 5959.04.14
OPERATORS MANUAL FOR FREQUENCY COUNTER	5952.03.11			
OPERATORS MANUAL FOR HUNTRON TRACKER	5952.03.11			
OPERATORS MANUAL FOR MULTIMETER	5952.03.11			
OPERATORS MANUAL FOR SIGNAL GENERATOR	5952.03.11			
OPERATORS MANUAL FOR SPECTRUM ANALYZER	5952.03.11			
OSCILLOSCOPE OPERATORS MANUAL	5952.03.11			

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
Operational Order	5959.01.06	5959.02.05	5970.03.02	5974.03.02
Operational Plan	5950.01.01 5959.02.05	5950.01.04 5959.04.07	5959.01.05	5959.01.06
Pre-Deployment Checklist	5950.01.01 5954.01.13 5954.03.06	5950.01.02 5954.03.01 5954.04.01	5952.01.02 5954.03.02 5954.04.02	5954.01.10 5954.03.05
SKED Planned Maintenance Scheduler	5902.02.04			
Unit Training Plan	5902.03.02 5959.01.10	5902.04.01 5959.02.01	5959.01.04	5959.01.06
0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN	5952.01.01 5952.01.07 5952.03.09 5952.04.08 5952.04.12	5952.01.04 5952.01.11 5952.03.10 5952.04.09 5952.04.13	5952.01.05 5952.03.01 5952.04.06 5952.04.10 5952.04.15	5952.01.06 5952.03.02 5952.04.07 5952.04.11 5952.04.16
118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)	5954.01.03 5954.03.02	5954.01.04 5954.03.05	5954.01.06 5954.03.06	5954.03.01
14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL	5902.04.01 5952.04.05 5952.04.09 5952.04.16 5959.03.01 5959.04.05	5950.02.01 5952.04.06 5952.04.10 5959.02.01 5959.03.02 5959.04.09	5952.03.01 5952.04.07 5952.04.13 5959.02.02 5959.03.03 5959.04.10	5952.04.04 5952.04.08 5952.04.15 5959.02.04 5959.03.04 5959.04.11
29 CFR1910.1200, Hazard Communications	5900.03.01 5954.01.01 5993.02.02	5900.03.09 5954.01.02 5993.03.01	5900.04.03 5954.01.11 5993.04.02	5937.01.02 5954.01.12
48A-NO01, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN	5952.01.02 5952.03.01 5952.04.04 5952.04.10 5952.04.15	5952.01.03 5952.03.02 5952.04.05 5952.04.11	5952.01.04 5952.03.09 5952.04.07 5952.04.12	5952.01.05 5952.03.10 5952.04.09 5952.04.13
AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES	5952.01.04 5952.03.01	5952.01.05 5952.03.02	5952.01.06 5952.03.09	5952.01.07 5952.03.10
C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR	5952.01.05 5952.03.02 5952.04.05 5952.04.09 5952.04.13	5952.01.06 5952.03.09 5952.04.06 5952.04.10 5952.04.15	5952.01.07 5952.03.10 5952.04.07 5952.04.11 5952.04.16	5952.03.01 5952.04.04 5952.04.08 5952.04.12
CJCSM 6231, Joint Tactical Communication Systems Manuals	5902.01.17			
CMS-21A, COMSEC Material System Policy &	5900.01.04	5900.04.12	5900.04.14	5902.01.07
Appendix A to ENCLOSURE (5)				

REFERENCES	TASK NUMBERS			
Procedures Manual	5902.01.11	5902.01.15	5902.02.02	5902.04.01
	5937.01.08	5937.01.11	5939.01.01	5939.01.02
	5939.01.12	5939.01.13	5950.02.01	5954.01.05
	5954.01.06	5970.02.03	5993.04.01	
CMS-9, DON Certification Authority Policy and Procedures (DRAFT)	5902.01.07			
DCAC 310-130-1, Defense Communications System Telecommunications Service Requests	5902.01.17			
DOI-103, DSSCS	5902.01.17			
DPR, Daily Processing Report	5902.01.06	5902.04.01		
ECAC-CR-82-125, HF Predictions Manual	5939.01.11			
ECAC-CR-83-200, Field Antenna Handbook	5939.01.11			
EE 172-GA-OMI-010/W154, TRN-44 MAINT MANUAL	5959.01.05			
EE 200-AB-MAN-010/AN/TPS-73, AN/TPS-73 ATC SUB SYSTEM	5959.01.05			
EE 216-AC-OMI-010/(U)E154 TPN-22, GEN INFO & SAFETY PUBS. DESC OPS & MAINT INSTR.	5959.01.05			
EE 216-BC-OMI-010/E154TPN-30A, FUNCTIONALLY ORIENTED MAINT. MAN. support volume 1	5959.01.05			
EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170	5952.03.01	5952.03.02	5952.03.09	5952.03.10
	5952.04.04	5952.04.05	5952.04.06	5952.04.08
	5952.04.09	5952.04.10	5952.04.11	5952.04.12
	5952.04.13	5952.04.16		
EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1	5953.01.01	5953.01.02	5953.01.03	5953.01.04
	5953.01.05	5953.01.06	5953.01.07	5953.01.08
	5953.03.21	5959.01.01		
EE110-AH-OMI-010, ANTENNA AT-150/SRC AT-803-VRC	5954.01.03	5954.01.04		
EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8	5952.01.05	5952.01.06	5952.01.07	5952.01.11
	5952.03.01	5952.03.02	5952.03.09	5952.03.10
	5952.04.04	5952.04.05	5952.04.06	5952.04.07
	5952.04.08	5952.04.09	5952.04.10	5952.04.11
	5952.04.12	5952.04.13		
EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3	5952.01.05	5952.01.06	5952.01.07	5952.03.01
	5952.03.02	5952.03.09	5952.03.10	5952.04.04

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
	5952.04.05	5952.04.06	5952.04.07	5952.04.08
	5952.04.09	5952.04.10	5952.04.11	5952.04.12
	5952.04.13			
EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6	5952.01.05	5952.01.06	5952.01.07	5952.03.01
	5952.03.02	5952.03.09	5952.03.10	5952.04.04
	5952.04.05	5952.04.06	5952.04.07	5952.04.08
	5952.04.09	5952.04.10	5952.04.11	5952.04.12
	5952.04.13			
EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7	5952.01.05	5952.01.06	5952.01.07	5952.03.01
	5952.03.02	5952.03.09	5952.03.10	5952.04.04
	5952.04.05	5952.04.06	5952.04.07	5952.04.08
	5952.04.09	5952.04.10	5952.04.11	5952.04.12
	5952.04.13	5952.04.15	5952.04.16	
EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN	5952.01.05	5952.01.06	5952.01.07	5952.03.01
	5952.03.02	5952.03.09	5952.03.10	5952.04.04
	5952.04.05	5952.04.06	5952.04.07	5952.04.08
	5952.04.09	5952.04.10	5952.04.11	5952.04.12
	5952.04.13	5952.04.15	5952.04.16	
EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST	5952.01.02	5952.01.03	5952.01.04	5952.01.05
	5952.01.06	5952.01.07	5952.03.01	5952.03.02
	5952.03.09	5952.03.10	5952.04.04	5952.04.05
	5952.04.06	5952.04.07	5952.04.08	5952.04.09
	5952.04.10	5952.04.11	5952.04.12	5952.04.13
	5959.01.01			
EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI	5952.01.05	5952.01.06	5952.01.07	5952.03.01
	5952.03.02	5952.03.09	5952.03.10	5952.04.04
	5952.04.05	5952.04.06	5952.04.07	5952.04.08
	5952.04.09	5952.04.10	5952.04.11	5952.04.12
	5952.04.13	5952.04.15	5952.04.16	
EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1	5953.01.01	5953.01.02	5953.01.03	5953.01.04
	5953.01.05	5953.01.06	5953.01.07	5953.01.08
	5953.03.06	5953.03.07	5953.03.08	5953.03.09
	5953.03.10	5953.03.11	5953.03.12	5959.01.01
EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1	5953.01.01	5953.01.02	5953.01.03	5953.01.04
	5953.01.05	5953.01.06	5953.01.07	5953.01.08
	5953.03.13	5953.03.14	5953.03.15	5953.03.16
	5959.01.01			
EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1	5952.01.01	5952.01.02	5952.01.03	5952.01.04
	5952.01.05	5952.01.06	5952.01.07	5952.01.10
	5952.03.01	5952.03.02	5952.03.09	5952.03.10
EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1	5952.01.05	5952.01.06	5952.01.07	5952.01.10
	5952.03.01	5952.03.02	5952.03.09	5952.03.10
	5952.04.04	5952.04.05	5952.04.06	5952.04.07
	5952.04.08	5952.04.09	5952.04.10	5952.04.11
	5952.04.12	5952.04.13	5952.04.15	5952.04.16

Appendix A to  
ENCLOSURE (5)

REFERENCES	TASK NUMBERS			
	5959.01.01			
EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2	5952.01.05	5952.01.06	5952.01.07	5952.01.10
	5952.03.01	5952.03.02	5952.03.09	5952.03.10
	5952.04.04	5952.04.05	5952.04.06	5952.04.07
	5952.04.08	5952.04.09	5952.04.10	5952.04.11
	5952.04.12	5952.04.13	5952.04.15	5952.04.16
EE250-BC-OMI-010, GENERAL INFO AND OPERATIONS AN/UYQ-34(V)2 CHAPTERS 1-3	5953.01.03	5953.01.06	5953.03.01	5953.03.02
	5953.03.03	5953.03.04	5953.03.05	
EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170	5953.01.01	5953.01.02	5953.01.03	5953.01.04
	5953.01.05	5953.01.06	5953.01.07	5953.01.08
EKMS 704, LMD/KP Operators Manual	5902.01.15			
ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly	5962.01.04	5962.01.05	5962.01.06	5962.01.07
	5962.01.08	5962.01.09	5962.01.10	5962.01.11
	5962.03.01	5962.03.02	5974.01.02	5974.01.03
FEDLOG, Federal Logistic Data on Compact Disk	5900.03.04	5900.04.03	5937.03.05	5950.02.01
	5952.04.04	5952.04.05	5952.04.07	5952.04.08
	5952.04.10	5952.04.11	5952.04.12	5952.04.13
	5952.04.15	5952.04.16	5954.01.10	5954.01.13
	5954.02.01	5954.02.02	5954.03.01	5954.03.02
	5954.03.04	5954.03.05	5954.03.06	5954.04.01
	5954.04.02	5959.04.06	5993.02.01	
FM 24-18, Communications Techniques	5939.01.11			
FM 24-22, Communications-Electronic Management System	5900.04.03			
FMFM 3-1, Command and Staff Action	5902.01.06	5970.03.06		
FMFM 3-30, Communications	5900.01.01	5900.02.02	5900.02.03	5902.02.01
	5902.02.02	5902.02.03	5912.02.01	5937.01.02
	5937.01.03	5937.02.01	5939.01.01	5939.01.02
	5954.01.01	5954.01.02	5954.01.11	5954.01.12
	5954.02.01	5954.02.02	5970.02.03	
FMFM 3-36, Guide to Electromagnetic Interference Control	5900.04.07	5902.02.01	5902.02.03	5912.01.01
	5937.01.04	5939.01.06	5954.01.03	5954.01.04
	5954.03.01	5954.03.02	5954.03.05	5954.03.06
FMFM 6-5, The Marine Rifle Squad	5962.01.01			
IRM-5239-08_, Computer Security Procedures	5902.01.16			
JCS PUB 6-05.1 THROUGH 6-05.7, Employment of Joint Tactical Communication Systems: Joint Communications System Management	5970.03.07			

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
JTC3A SPEC 9115, Technical Interface Specifications for DSN to Tactical Analog Gateways	5902.01.17			
JT PUB SERIES 6-05, Manual for Employment of Joint Tactical Communications	5902.01.17			
JTC3A HDBK 8000, Joint Connectivity Book	5902.01.17			
MAFIA, Maintenance Action Form In Access	5950.02.01	5950.02.02	5950.04.02	5952.04.10
	5952.04.11	5952.04.12	5952.04.14	5954.01.10
	5954.01.13	5954.03.01	5954.03.02	5954.03.05
	5954.03.06	5954.04.01	5954.04.02	5959.03.05
	5959.04.02	5959.04.04	5959.04.05	5959.04.06
	5959.04.09	5959.04.10	5959.04.11	5959.04.12
	5959.04.14			
MCBUL 3000.11B, MARES Introduction Policy Manual	5970.03.06			
MCBUL 5600, SERIES	5912.03.03	5937.03.01	5937.03.03	5937.03.04
	5937.03.05	5939.03.01	5939.03.04	5939.03.05
	5939.03.06			
MCO 2410.2_, Electromagnetic Environmental Effects Control	5939.01.11			
MCO 3000.11_, Marine Corps Ground Equipment Resources Reporting	5902.04.01	5902.04.02		
MCO 3500.19B, TRAINING AND READINESS MANUAL VOL V, AVIATION SUPPORT	5952.01.10			
MCO 4400.82F, MIMMS Controlled Item Management Manual	5902.04.01	5902.04.02		
MCO 4700-15/1, Equipment Record Procedures	5900.03.03	5900.03.04	5900.03.05	5900.04.01
	5900.04.02	5900.04.03	5900.04.04	5900.04.10
	5902.01.01	5902.01.02	5902.01.03	5902.01.04
	5902.01.18	5902.02.05	5902.04.01	5902.04.04
	5937.03.01	5937.03.03	5937.03.05	5937.03.06
	5939.01.02	5939.03.01	5939.03.04	5939.03.06
	5939.03.07	5954.03.03	5954.03.04	5954.03.07
	5954.03.08	5970.03.05	5993.02.02	5993.03.03
MCO 4733.1A, Marine Corps TMDE CAMP	5902.01.02	5902.04.01	5902.04.02	5959.01.10
MCO 4790.1_, Marine Corps Integrated Maintenance Management System (MIMMS) Manual	5902.04.01	5950.03.05		
MCO 4855.10, Product Quality Deficiency Report (PQDR)	5902.04.01	5959.04.01	5970.03.05	

Appendix A to  
ENCLOSURE (5)

REFERENCES	TASK NUMBERS			
MCO 5215.12, Managing and Maintaining Navy Directives Files and Establishing "Must Hold" Lists	5900.04.06			
MCO 5311.1C, T/O Management Procedures	5900.02.05 5954.04.01	5954.01.07 5954.04.02	5954.01.10	5954.01.13
MCO 5311.1_, Table of Manpower Requirements	5902.01.05			
MCO 5390.2_, Leadership Training and Education	5902.03.02	5959.01.09		
MCO P1200.7_, MOS Manual	5900.02.02 5959.01.04	5902.03.02 5959.01.09	5959.01.02	5959.01.03
MCO P1500.40_, Marine Corps Training Philosophy and Requirements	5902.03.02	5952.04.22	5952.04.23	5959.01.04
MCO P1610.7_, Performance Evaluation System	5900.04.11			
MCO P4105.3_, ILS Manual	5902.04.02			
MCO P4200.15_, Marine Corps Purchasing Procedures Manual	5902.04.05			
MCO P4400.150, Consumer Level Supply Policy Manual	5900.02.01 5902.01.04 5902.04.04 5970.03.05	5902.01.01 5902.02.04 5937.03.01	5902.01.02 5902.04.01 5939.03.01	5902.01.03 5902.04.02 5950.04.01
MCO P4790.2_, MIMMS Field Procedures Manual	5900.01.01 5900.03.03 5900.04.02 5900.04.06 5902.01.03 5902.01.09 5902.02.05 5902.04.04 5937.03.01 5939.03.01 5954.03.08 5993.01.02 5993.03.03	5900.01.02 5900.03.04 5900.04.03 5900.04.09 5902.01.04 5902.01.18 5902.03.02 5902.04.06 5937.03.03 5939.03.06 5970.03.05 5993.02.01	5900.02.02 5900.03.06 5900.04.04 5902.01.01 5902.01.06 5902.02.02 5902.04.01 5912.02.01 5937.03.06 5939.03.07 5970.03.06 5993.03.01	5900.02.03 5900.04.01 5900.04.05 5902.01.02 5902.01.08 5902.02.03 5902.04.02 5937.02.01 5939.01.02 5954.03.07 5993.01.01 5993.03.02
MCO P5090.2_, Environmental Compliance and Protection Manual	5900.03.01 5954.01.07 5993.02.01	5900.03.09 5959.03.03 5993.03.01	5912.02.01 5959.03.04 5993.03.03	5937.02.01 5959.03.05
MCO P5215.17_, The USMC Tech Pub System	5902.04.02			
MCO P5215.1_, Marine Corps Directives System	5902.04.02			

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
MCO P7100.8_, Field Budget Manual	5902.04.05			
MCRP 3-0A, Unit Training Management Guide	5902.03.02	5959.01.06	5970.03.05	
MCRP 3-0B, How To Conduct Training	5902.03.02	5959.01.06	5970.03.05	
MCWP 3-1, Ground Combat Operations	5902.01.10			
MCWP 4-24, Commander's Guide to Maintenance	5902.01.01	5902.03.02		
MCWP 5-1, Marine Corps Planning Process	5900.01.01	5900.02.02	5900.02.03	5900.04.03
	5900.04.10	5902.02.04	5912.02.01	5937.02.01
	5939.01.01	5939.01.02	5954.02.01	5954.02.02
	5993.03.01	5993.04.02		
MCWP 6-22, Communications and Information Systems	5900.04.10	5902.01.04	5902.01.17	5902.03.02
	5902.04.06	5993.03.01	5993.03.02	5993.04.02
MPS, Load Plan	5952.01.02	5954.01.10	5954.01.13	5954.04.01
	5954.04.02	5993.02.02		
MSDS, Material Safety Data Sheets	5900.02.03	5900.03.01	5900.03.09	5902.02.03
	5902.04.03	5912.02.01	5937.01.02	5937.02.01
	5937.03.01	5937.03.08	5939.01.02	5939.03.01
	5952.03.01	5952.03.02	5952.03.03	5952.03.04
	5952.03.05	5952.04.01	5952.04.02	5954.01.01
	5954.01.02	5954.01.03	5954.01.04	5954.01.07
	5954.01.10	5954.01.11	5954.01.12	5954.01.13
	5954.02.01	5954.02.02	5954.03.01	5954.03.02
	5954.03.04	5954.03.05	5954.03.06	5954.04.01
	5954.04.02	5959.03.03	5959.03.04	5959.03.05
	5993.02.01			
NACSI NO. 4010, National COMSEC Instruction	5954.01.05	5970.02.03		
NAG-14_, Safeguarding COMSEC Material and Facilities	5902.01.15			
NAG-16, Field Generation and Over-the-Air Distribution of COMSEC KEY in Support of Tactical Ops and Exercises	5902.01.15			
NAG-69_, Information System Security Policy and Procedures for FORTEZZA Card Certification Authority Workstations	5902.01.15			
NAG-71, Interim Operational Security Doctrine for the Local Management Device/Key Processor (LMD/KP)	5902.01.15			
NAVAIR 00-80T-114, ATC FACILITIES MANUAL	5950.02.01	5959.04.13		
Appendix A to ENCLOSURE (5)				

REFERENCES	TASK NUMBERS			
NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List	5900.01.02	5902.02.01	5902.02.02	5902.02.03
	5902.02.05	5902.04.01	5950.02.01	5950.03.01
	5950.03.02	5954.01.07	5954.01.10	5954.01.13
	5954.04.01	5954.04.02	5959.02.03	5959.04.08
	5959.04.11	5959.04.14		
NAVMC 1017, Table of Authorized Material	5902.04.01	5954.01.03	5954.01.04	5954.01.07
	5954.01.10	5954.01.13	5954.04.01	5954.04.02
NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH	5952.01.02	5952.01.03	5952.01.04	5952.01.05
	5952.01.06	5952.01.07	5952.01.08	5952.01.09
	5952.02.02	5952.03.01	5952.03.02	5952.03.03
	5952.03.04	5952.03.05	5952.03.06	5952.03.07
	5952.03.08	5952.04.01	5952.04.02	5952.04.21
	5954.01.03	5954.01.04	5954.01.07	5954.01.10
	5954.01.13	5954.03.01	5954.03.02	5954.03.03
	5954.03.04	5954.03.05	5954.03.06	5954.04.01
	5954.04.02	5959.01.02		
NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures	5950.02.01	5952.04.04	5952.04.05	5952.04.06
	5952.04.07	5952.04.08	5952.04.09	5952.04.10
	5952.04.11	5952.04.12	5952.04.13	5952.04.15
	5952.04.16	5952.04.19	5952.04.20	5954.03.04
	5959.04.06	5959.04.11		
NAVSUP PUB 600, Naval Supply Publications CD-ROM	5950.02.01	5952.04.17		
NAVSUPPUB P-485, Afloat Supply Procedures	5950.02.01	5952.04.19	5959.04.01	5959.04.06
	5959.04.11	5959.04.12		
NSTISSI 4005, Safeguarding Communications Security (COMSEC) Facilities and Materials	5902.01.15			
NTP-3, Naval Telecommunications Procedures	5900.04.10			
NTP-4, Naval Telecommunications Procedures/Fleet	5902.01.11	5954.01.05	5970.02.03	
NWP 10-1-10/NWP 1-03.1, Operational Reports/Equipment Casualty Reporting-Chapter 4	5950.02.01	5959.04.02		
NWP-4, Basic Operational Communications Doctrine	5902.01.17			
OH 3-3F, Guide to Electromagnetic Interference Control Program	5939.01.11			
OMB CIRCULAR A-130, Management of Federal Information Resources	5902.01.16			

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
OP PLAN, Operational Plan	5962.01.04			
OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT	5900.01.02	5900.03.05	5900.03.06	5902.04.01
	5950.02.01	5950.03.01	5950.03.02	5950.03.03
	5950.03.04	5950.03.05	5952.02.01	5952.02.02
	5952.03.03	5952.04.20	5953.02.01	5953.02.02
	5953.04.02	5953.04.03	5953.04.04	5953.04.05
	5953.04.06	5954.01.04	5954.01.10	5954.01.13
	5954.02.01	5954.02.02	5954.03.01	5954.03.02
	5954.03.03	5954.03.05	5954.03.06	5954.04.01
	5954.04.02	5959.01.01	5959.01.09	5959.03.04
OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)	5900.01.02	5900.03.05	5900.03.06	5902.01.08
	5902.01.09	5902.02.01	5902.02.02	5902.02.03
	5902.04.01	5950.01.01	5950.01.05	5950.02.01
	5950.03.01	5950.03.02	5950.03.03	5950.03.04
	5950.03.05	5952.04.04	5952.04.05	5952.04.07
	5952.04.08	5952.04.09	5952.04.10	5952.04.11
	5952.04.12	5952.04.13	5952.04.15	5952.04.16
	5952.04.20	5952.04.22	5952.04.23	5953.02.01
	5953.02.02	5953.04.02	5953.04.03	5953.04.04
	5953.04.05	5953.04.06	5954.01.03	5954.01.04
	5954.01.06	5954.01.10	5954.01.13	5954.02.01
	5954.02.02	5954.03.01	5954.03.02	5954.03.05
	5954.03.06	5954.04.01	5954.04.02	5959.01.01
	5959.01.03	5959.01.09	5959.03.04	
OPNAVINST 5605, Physical Security	5902.01.11			
OPNAVINST OP43P6A, MEASURE USERS MANUAL	5959.04.14			
PUBLIC LAW 100-235, Computer Security Act of 1987	5902.01.16			
S-70-8003C, Navy Trng Plan	5950.02.01			
S-70-8003C, navy trng plan	5950.03.02	5959.01.05	5959.01.10	
SE610-AV-MMO-010, DATA PROCESSING SET AN/UYK-20(V);PERATIONS AND MAINTENANCE	5953.01.03	5953.01.06	5953.01.07	5953.01.08
SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1	5953.01.03	5953.01.06	5953.01.07	5953.01.08
	5953.03.17	5953.03.18	5953.03.19	5953.03.20
SECNAVINST 5510.30_, Department of the Navy Personnel Security Program	5900.01.01	5900.01.02	5902.01.11	5902.01.15
	5902.01.16	5902.04.02	5954.01.05	5954.01.06
	5970.02.02	5970.02.03	5970.03.01	5993.01.01
	5993.04.01	5993.04.02		
SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation	5900.01.01	5900.01.02	5902.01.11	5902.01.15
	5902.01.16	5902.04.02	5954.01.05	5954.01.06
	5970.02.02	5970.02.03	5970.03.01	5993.01.01
	5993.04.01	5993.04.02		

Appendix A to  
ENCLOSURE (5)

REFERENCES	TASK NUMBERS			
SECNAVINST P5530.13, Security Instruction F/SEN Convention (AA&E)	5900.01.02	5970.03.01	5993.01.01	
SI 4400-15/5, SI	5902.04.01	5902.04.02		
SKED, Planned Maintenance Scheduler	5900.03.05	5950.02.01	5950.03.02	5950.03.04
	5959.04.08			
SL 1-1, Introduction to Marine Corps Stocklist & Publications Stocklist	5900.03.04			
SL 1-3, Index of Authorized Publications in Stock	5900.04.08			
SL 6-1/2, Applications List of Items and Components	5900.03.04			
SPAWARINST 4700.9X, FMF ATC Systems and Equipment Maintenance and Logistics Support Policies and Procedures	5959.02.06	5959.04.05		
SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)	5900.04.02	5950.02.01	5952.04.04	5952.04.06
	5952.04.07	5952.04.08	5952.04.09	5952.04.10
	5952.04.11	5952.04.12	5952.04.13	5952.04.15
	5952.04.16	5952.04.20	5954.01.10	5954.01.13
	5954.02.01	5954.02.02	5954.03.01	5954.03.02
	5954.03.03	5954.03.04	5954.03.05	5954.03.06
	5954.04.01	5954.04.02	5959.02.06	5959.04.03
	5959.04.08	5959.04.11	5959.04.12	
TI 4400-15/5, Packaging, Handling, Storage and Transportation of Electrostatic Discharge Sensitive Items	5902.04.02			
TM 09244A/09245A-10/1, OPERATORS MANUAL 7/93 (MEP806A)	5952.01.08	5952.01.09		
TM 10510-14/1, Electronic Test Equipment Listing	5900.03.03	5954.03.01	5954.03.02	5954.03.03
	5954.03.04	5954.03.05	5954.03.06	
TM 4790, Users Manual	5900.04.01	5900.04.03		
TM 4790.2D, MIMMS Field Procedures Manual	5902.01.18			
TM 5-1080-200-13&P, Lightweight Camouflage Screen	5962.01.01			
TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)	5952.01.02	5952.01.03	5952.01.06	5952.01.08
	5952.01.09	5952.03.05	5952.03.06	5952.03.07
	5952.03.09	5952.03.10	5952.04.04	5952.04.05
	5952.04.07	5952.04.08	5952.04.09	5952.04.10
	5952.04.11	5952.04.12	5952.04.13	5952.04.15
	5952.04.16			

MCO 1510.126  
30 OCT 02

REFERENCES	TASK NUMBERS			
TM 9406-15, Grounding Procedures	5900.02.03	5900.02.04	5900.03.02	5900.03.07
	5900.03.08	5900.04.07	5902.01.09	5902.02.02
	5902.02.03	5902.04.06	5912.01.01	5912.02.01
	5937.01.02	5937.01.04	5937.02.01	5939.01.02
	5939.01.06	5954.01.01	5954.01.02	5954.01.03
	5954.01.04	5954.01.11	5954.01.12	5954.02.01
	5954.02.02	5962.01.01	5970.03.05	
TM 9999-15/1, ESD Awareness Electro-Static Discharge	5900.01.01	5900.02.02	5900.03.02	5900.04.09
	5902.02.03	5902.04.02	5912.03.02	5912.03.03
	5937.01.02	5937.03.03	5937.03.04	5937.03.05
	5937.03.06	5939.03.03	5939.03.04	5939.03.05
	5939.03.06	5939.03.07	5954.01.01	5954.01.02
	5954.01.11	5954.01.12	5954.03.01	5954.03.02
	5954.03.03	5954.03.04	5954.03.05	5954.03.06
	5954.03.07	5954.03.08	5962.01.01	5970.03.05
	5979.03.01			
UM 4400-124, FMF SASSY Using Unit Procedures	5902.04.01			
UM 4790-5, MIMMS (AIS) FMSS	5900.03.04	5900.04.01	5900.04.02	5900.04.04
	5902.01.18	5937.03.01	5937.03.03	5937.03.05
	5937.03.06	5939.03.01	5939.03.04	5939.03.06
	5939.03.07	5954.03.07	5954.03.08	
UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS	5902.01.08	5902.01.09	5902.02.03	5902.02.05
	5902.04.01	5902.04.02		
UNIT SOP, Unit's Standing Operating Procedures	5900.01.02	5900.01.04	5900.02.03	5900.03.06
	5900.04.04	5902.01.08	5902.01.09	5902.01.10
	5902.01.12	5902.01.13	5902.01.18	5902.02.01
	5902.02.02	5902.02.03	5902.02.04	5902.03.02
	5902.03.03	5912.02.01	5937.02.01	5937.03.01
	5939.01.01	5939.01.02	5939.03.01	5942.01.10
	5950.03.01	5954.02.01	5954.02.02	5959.01.03
	5959.01.06	5959.03.03	5959.04.10	5970.02.02
	5970.03.02	5970.03.03	5970.03.04	5970.03.05
	5979.03.01	5993.01.01	5993.02.02	5993.03.01
	5993.03.03	5993.04.01	5993.04.02	
UNIT T/E, Table of Equipment	5900.02.03	5900.04.04	5900.04.05	5900.04.06
	5900.04.08	5902.01.01	5902.01.04	5902.01.05
	5902.01.06	5902.04.01	5902.04.02	5912.02.01
	5937.02.01	5937.03.01	5939.03.01	5950.03.01
	5954.01.03	5954.01.04	5954.01.07	5954.02.01
	5954.02.02	5954.03.01	5954.03.02	5954.03.05
	5954.03.06	5959.01.03	5959.01.06	5970.02.02
	5970.03.01	5970.03.03	5970.03.04	5970.03.05
	5993.02.02			
UNIT T/O, Table of Organization	5900.01.02	5900.02.03	5900.02.05	5900.04.08
	5902.01.01	5902.01.04	5902.01.05	5902.01.06
Appendix A to ENCLOSURE (5)				

REFERENCES

TASK NUMBERS

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5902.01.08	5902.01.09	5902.02.01	5902.02.02
5902.02.03	5902.02.04	5902.02.05	5902.03.03
5902.04.01	5902.04.02	5912.02.01	5937.02.01
5937.03.01	5939.03.01	5950.02.03	5950.03.01
5954.01.03	5954.01.04	5954.01.07	5954.02.01
5954.02.02	5954.03.01	5954.03.02	5954.03.05
5954.03.06	5959.01.03	5959.01.06	5970.02.02
5970.03.01	5970.03.03	5993.01.01	5993.02.02

MCO 1510.126  
30 OCT 02

TRAINING MATERIEL

DOES NOT APPLY TO THIS ORDER.

Appendix B to  
ENCLOSURE (5)

MCO 1510.126  
30 OCT 02

AMMUNITION, EXPLOSIVES, AND PYROTECHNICS

DOES NOT APPLY TO THIS ORDER.

Appendix C to  
ENCLOSURE (5)

DISTANCE LEARNING PRODUCTS

1. General. This appendix includes a list of all currently available or planned distance learning (DL) products, including Marine Corps Institute (MCI) publications, designed to provide training related to any task in this OccFld.

2. Format. The columns are as follows:

a. DISTANCE LEARNING PRODUCTS. This column summarizes all DL products assigned to at least one ITS task in this OccFld.

b. TASK NUMBERS. A listing of all ITS tasks associated with the corresponding DL product.

<u>DISTANCE LEARNING PRODUCTS</u>	<u>TASK NUMBERS</u>			
MCI 0287, Introduction to Test Equipment	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 0450, Logistical/Embarkation Specialist	5954.01.07			
MCI 1141, MARINE ELETRICIAN	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 1142, SOLID STATE DEVICES	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 1334, MATH FOR MARINES	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2515, Antenna Construction and Propagation of Radio Waves	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2530, VHF FIELD RADIO EQUIPMENT	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2531, VHF MULTICHANNEL RADIO EQUIPMENT	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2532, HF/UHF Field Radio Equipment	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2537, HIGH FREQUENCY COMMUNICATIONS SYSTEMS	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2538, Single Channel Ground Airborne Radio System	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2828, ELETRONIC MATHEMATICS FOR MARINES	5954.03.01	5954.03.02	5954.03.05	5954.03.06
MCI 2860, FUNDAMENTALS OF DIGITAL LOGIC	5954.03.01	5954.03.02	5954.03.05	5954.03.06

MCO 1510.126  
30 OCT 02

PERFORMANCE SUPPORT TOOLS

DOES NOT APPLY TO THIS ORDER.

Appendix E to  
ENCLOSURE (5)

INDIVIDUAL TRAINING STANDARDS

1. General. This enclosure contains all of the ITSs for this OccFld, grouped by MOS. Each MOS is contained in a separate Appendix to Enclosure (6).

2. Format. For each ITS, the following elements of information are provided:

a. TASK. The task describes a specific and necessary behavior expected of a Marine in a particular MOS or billet. It is a clearly stated, performance-oriented action requiring a learned skill. Skills that "make" a Marine or qualify that Marine for the appropriate MOS are designated as "Core." Those advanced skills that are mission, grade, or billet specific are designated as "Core Plus."

b. CONDITIONS(S). This portion of the ITS describes the equipment, manuals, assistance/supervision, special physical demands, environmental conditions, and location affecting a Marine's performance of the task under real-world circumstances.

c. STANDARD(S). This portion of the ITS describes the level of proficiency to which the individual must perform the task.

d. PERFORMANCE STEPS. Collectively, the performance steps represent the logical sequence of actions required of the Marine to perform the task to standard. These actions are typically detailed in the references.

e. INITIAL TRAINING SETTING. All ITSs are assigned an initial training setting that includes a specific location for initial instruction [Functional Learning Center (FLC) or Managed On-The-Job Training (MOJT)], a sustainment factor (number of months between evaluation or retraining to maintain the proficiency required by the standard), and a "Required By" grade (the lowest grade at which task proficiency is required).

f. REFERENCE(S). References are doctrinal publications, technical manuals, and other publications upon which the ITS and its performance steps are based. They should be readily available and provide detail to the procedures that are only summarized in the performance steps.

g. TRAINING MATERIEL (Optional). Training materiel includes all training devices, simulators, aids, equipment, and materials [except ammunition, distance learning (DL) products, and performance support tools (PST)] required or recommended to properly train the task under the specified conditions and to the specified standard. Mandatory items are preceded by an asterisk(\*)

h. AMMUNITION (Optional). This table, if present, depicts the ammunition, explosives, and/or pyrotechnics required for proper training of the ITS.

i. DISTANCE LEARNING PRODUCT(S) (Optional). This section includes a list of any currently available or planned DL products designed to provide training related to this task.

j. PERFORMANCE SUPPORT TOOL(S) (Optional). This section includes a list of any currently available or planned PSTs designed to provide training related to this task.

k. ADMINISTRATIVE INSTRUCTIONS (Optional). Administrative instructions provide the

ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

trainer/instructor with special required or recommended circumstances, including safety precautions, relating to the training or execution of the task. These instructions may also clarify the meaning of the task.

ENCLOSURE (6)

MOS 5900, BASIC ELECTRONICS MAINTENANCE MARINE

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5900.01.01 (CORE PLUS) DEPLOY A MAINTENANCE FACILITY

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Deploy and install field maintenance activity personnel and equipment, per the concept of employment and references.

PERFORMANCE STEPS:

1. Analyze mission/Operations plan.
2. Record/State:
  - a. Safety procedures.
  - b. Test equipment requirements.
  - c. Maintenance facility requirements/space.
  - d. Power requirements.
  - e. Organic transportation requirements.
  - f. External transportation requirements.
  - g. Security requirements.
  - h. Reporting requirements.
3. Staff plan for comments.
4. Submit plan for approval.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: GySgt

REFERENCE(S):

1. FMFM 3-30, Communications
2. MCO P4790.2\_, MIMMS Field Procedures Manual
3. MCWP 5-1, Marine Corps Planning Process
4. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
5. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge

MCO 1510.126  
30 OCT 02

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TASK: 5900.01.02 (CORE PLUS) SUPERVISE THE PREPARATION OF EQUIPMENT FOR EMBARKATION

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Ensure serviceability of equipment at destination, per the references.

PERFORMANCE STEPS:

1. Supervise the inspection of SL-3 completeness of maintenance/maintenance support equipment.
2. Determine requirements for embarkation materials, boxes, strapping, etc.
3. Inspect tactical marking of maintenance/maintenance support equipment.
4. Inspect packing and embark lists upon completion.
5. Inspect weather/water proofing of maintenance/maintenance support equipment.
6. Determine special lifting/handling requirements for maintenance/maintenance support equipment.
7. Determine special security requirements for maintenance/maintenance support equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. CURRENT FISCAL BUDGET FOR BASE/POST/STATION
4. FSMAO Checklist
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
7. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
8. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
9. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
10. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
11. SECNAVINST P5530.13, Security Instruction F/SEN Convention (AA&E)

Appendix A to  
ENCLOSURE (6)

12. UNIT SOP, Unit's Standing Operating Procedures

13. UNIT T/O, Table of Organization

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TASK: 5900.01.03 (CORE) PREPARE EQUIPMENT FOR EMBARKATION

CONDITIONS(S): Given mission, commander's guidance, equipment, personnel, and references.

STANDARD(S): To ensure operational deployment requirements are met per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Perform equipment Limited Technical Inspection.
3. Inventory cryptographic items.
4. Pack equipment.
5. Secure equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5900.01.04 (CORE) EMBARK EQUIPMENT

CONDITIONS(S): Given packed equipment, logistics assets, load plan, personnel, and references.

STANDARD(S): Embark equipment per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify correct equipment placement on transportation.
3. Verify load plan is adhered to.
4. Verify equipment properly secured on transportation.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Cpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

2. CMS-21A, COMSEC Material System Policy & Procedures Manual
3. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5900.01.05 (CORE) COORDINATE COMMUNICATIONS SECURITY MATERIAL SYSTEM SUPPORT

CONDITIONS(S): Given the Annex K or CMS call out.

STANDARD(S): Coordinate CMS support per the reference.

PERFORMANCE STEPS:

1. Examine the Annex K or CMS call out.
2. Determine the cryptographic equipment to be used and quantity needed.
3. Coordinate with the CMS custodian to ensure equipment and material is available for deployment and embarked.
4. Ensure personnel are authorized to use equipment and keying material.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix A to  
ENCLOSURE (6)

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5900.02.01 (CORE) RECOMMEND T/E CHANGES

CONDITIONS(S): Given a T/O, a T/E, a mission, concept of employment, and references.

STANDARD(S): To determine if changes to the T/E are warranted and submit changes to the S-6/Commanding Officer, per the references.

PERFORMANCE STEPS:

1. Review mission statement.
2. Review T/O.
3. Review concept of employment.
4. Review appropriate Material Fielding Plans (MFPs), Advanced Logistic Orders, and ULSS.
5. Determine any special allowances.
6. Identify required changes.
7. Submit required changes.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
2. MCO P4400.150, Consumer Level Supply Policy Manual

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TASK: 5900.02.02 (CORE PLUS) DEVELOP MAINTENANCE STANDARD OPERATING PROCEDURES(SOP)

CONDITIONS(S): Given a mission, T/O and T/E, directives from higher headquarters, commander's guidance, and references.

STANDARD(S): Develop SOP that will prescribe and standardize the maintenance responsibilities for the unit, section or shop, per the references.

PERFORMANCE STEPS:

1. Analyze mission, directives, policy guidance, and references.
2. Record/State:
  - a. Safety procedures.
  - b. Maintenance procedures.

MCO 1510.126  
30 OCT 02

- c. Training procedures.
  - d. Physical security procedures.
  - e. Transmission/Emission security.
  - f. Cryptographic (COMSEC) security.
  - g. Command and control procedures.
  - h. Operational procedures.
  - i. Embarkation procedures.
  - j. Reports (administrative/operational).
  - k. Continuing actions of Marines.
  - l. ECCM.
  - m. Emergency Action Plan.
3. Staff SOP for review by unit, section, and/or shop personnel.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. FMFM 3-30, Communications
2. MCO P1200.7\_, MOS Manual
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. MCWP 5-1, Marine Corps Planning Process
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge

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TASK: 5900.02.03 (CORE) PLAN MACCS MAINTENANCE SUPPORT

CONDITIONS(S): Given a mission, commander's guidance, equipment, personnel, and references.

STANDARD(S): To ensure organizational maintenance support requirements are met, per the references.

PERFORMANCE STEPS:

1. Review SOPs.
2. Determine unit capabilities.
3. Determine support unit requirements.

Appendix A to  
ENCLOSURE (6)

4. Determine locations of supported equipment.
5. Determine supply support.
6. Determine maintenance float support.
7. Determine logistical support:
  - a. Fuel.
  - b. Generators.
  - c. Transportation.
8. Determine personnel requirements.
9. Determine facilities:
  - a. Tents.
  - b. Heating/Cooling/Ventilation.
  - c. Maintenance shelters.
10. Determine security.
11. Draft/review plans:
  - a. Communication.
  - b. Maintenance.
  - c. Embarkation.
  - d. Security.
  - e. Supply/Support.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FMFM 3-30, Communications
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. MCWP 5-1, Marine Corps Planning Process
6. MSDS, Material Safety Data Sheets

Appendix A to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

7. TM 9406-15, Grounding Procedures
8. UNIT SOP, Unit's Standing Operating Procedures
9. UNIT T/E, Table of Equipment
10. UNIT T/O, Table of Organization

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TASK: 5900.02.04 (CORE PLUS) COORDINATE THE PLANNING OF POWER DISTRIBUTION AND GROUNDING

CONDITIONS(S): Given operation requirement, equipment, and references.

STANDARD(S): Coordinate power distribution and grounding per the reference.

PERFORMANCE STEPS:

1. Determine peak power requirements.
2. Determine optimum grounding conditions.
3. Recommend appropriate power generation units.
4. Recommend appropriate grounding equipment.
5. Develop power plan.
6. Develop grounding plan.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. TM 9406-15, Grounding Procedures

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TASK: 5900.02.05 (CORE) RECOMMEND T/O CHANGES

CONDITIONS(S): Given a T/O mission statement, a new mission, unit T/O, and references.

STANDARD(S): Recommend T/O changes per the references.

PERFORMANCE STEPS:

1. Review new mission.
2. Review mission statement.
3. Review T/O.

Appendix A to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

4. Identify required changes.
5. Submit any increase/decrease based on above review.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. MCO 5311.1C, T/O Management Procedures
2. UNIT T/O, Table of Organization

Appendix A to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5900.03.01 (CORE) PERFORM SOLDERING ON BASIC ELECTRONIC COMPONENTS

CONDITIONS(S): Given an electronic device, tools, TMDE, and references.

STANDARD(S): Ensure that components are soldered within tolerances per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Select appropriate soldering tip for required application.
3. Set soldering iron to correct temperature.
4. Clean intended application area.
5. Tin wire, as required.
6. Solder connectors, as required.
7. Fabricate a cable, as required.
8. Splice a wire cable, as required.
9. Solder components, as required.
10. Clean flux from connection.
11. Visually inspect to verify there are no defects.
12. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. MCO P5090.2\_, Environmental Compliance and Protection Manual
4. MSDS, Material Safety Data Sheets

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TASK: 5900.03.02 (CORE) PROTECT ELECTROSTATIC DISCHARGE (ESD) SENSITIVE DEVICES DURING HANDLING, STORAGE AND TRANSPORTATION

CONDITIONS(S): Given ESD sensitive devices, ESD protection materials, ESD labels, applicable technical manuals, and references.

Appendix A to  
ENCLOSURE (6)

STANDARD(S): Ensure protection of ESD sensitive devices per the references.

PERFORMANCE STEPS:

1. Review references.
2. Identify materials requiring ESD protection.
3. Perform actions necessary to protect ESD sensitive materials.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. TM 9406-15, Grounding Procedures
2. TM 9999-15/1, ESD Awareness Electro-Static Discharge

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TASK: 5900.03.03 (CORE) OPERATE TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE) FOR ELECTRONIC EQUIPMENT

CONDITIONS(S): Given TMDE, tools, cables, connectors, unit under test, and references.

STANDARD(S): Ensure all tactical data systems, RADARs and communications equipment are operating per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Connect TMDE to appropriate power source.
3. Perform equipment operational check.
4. Connect TMDE to equipment to be tested, aligned, or adjusted.
5. Operate controls of the TMDE to obtain the correct measurement/display.
6. Interpret/Interpolate/Calculate measurement obtained.
7. Disconnect TMDE from the circuit undergoing test.
8. Secure TMDE, as required.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 4700-15/1, Equipment Record Procedures
3. MCO P4790.2\_, MIMMS Field Procedures Manual

MCO 1510.126  
30 OCT 02

4. TM 10510-14/1, Electronic Test Equipment Listing

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. Attenuator
  - b. Distortion analyzer
  - c. Automatic test equipment
  - d. Audio signal generator
  - e. RF signal generator
  - f. Test sets/Maintenance kits
  - g. Dummy load
  - h. Modulation meter
  - i. Watt meter
  - j. Frequency counter
  - k. Spectrum analyzer
  - l. Time Domain Reflectometer (TDR)

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TASK: 5900.03.04 (CORE PLUS) PERFORM LIMITED TECHNICAL INSPECTION (LTI) ON MACCS EQUIPMENT

CONDITIONS(S): Given a mission, communications equipment, and references.

STANDARD(S): Ensure equipment is functioning correctly per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Perform an SL-3 inventory
3. Test equipment utilizing BIT, BITE or TMDE.
4. Ensure proper handling of static sensitive components.
5. Measure circuit parameters.
6. Record faults on Equipment Repair Order (ERO).
7. Determine appropriate maintenance actions required.

Appendix A to  
ENCLOSURE (6)

8. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. FEDLOG, Federal Logistic Data on Compact Disk
4. MCO 4700-15/1, Equipment Record Procedures
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. SL 1-1, Introduction to Marine Corps Stocklist & Publications Stocklist
7. SL 6-1/2, Applications List of Items and Components
8. UM 4790-5, MIMMS (AIS) FMSS

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TASK: 5900.03.05 (CORE PLUS) PERFORM PREVENTIVE MAINTENANCE ON ORGANIZATIONAL MAINTENANCE EQUIPMENT

CONDITIONS(S): Given designated equipment, cleaning materials, and references.

STANDARD(S): Ensure equipment is free of dirt, debris, rust and corrosion and fully operational or discrepancies noted for repair per the references.

PERFORMANCE STEPS:

1. Open PM ERO.
2. Perform FITCAL:
  - a. FEEL the equipment for any broken or loose parts.
  - b. INSPECT the equipment visually for any broken, loose, or dirty parts.
  - c. TIGHTEN any loose parts found.
  - d. CLEAN any dirty parts noted.
  - e. ADJUST any equipment that needs it for proper operation.
  - f. LUBRICATE cables, wires, or any other equipment as required.
3. Conduct operational check of all capabilities.
4. Conduct inventory with SL-3 or appropriate stock list.

MCO 1510.126  
30 OCT 02

5. Record completed PM service.
6. Close PM ERO.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. MCO 4700-15/1, Equipment Record Procedures
  3. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
  4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
  5. SKED, Planned Maintenance Scheduler
- 

TASK: 5900.03.06 (CORE PLUS) DIRECT MAINTENANCE ACTIONS

CONDITIONS(S): Given maintenance personnel, equipment, and references.

STANDARD(S): Maintain unit communications-electronic equipment at Combat Readiness Level C-2 or higher per the references.

PERFORMANCE STEPS:

1. Direct maintenance personnel.
2. Manage maintenance resources.
3. Control maintenance production.
4. Maintain reports and records.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MARINE MOBILE TEAM (MMT) STANDARD OPERATING PROCEDURES MANUAL
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
5. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
6. UNIT SOP, Unit's Standing Operating Procedures

Appendix A to  
ENCLOSURE (6)

TASK: 5900.03.07 (CORE) PERFORM ROUTINE SYSTEM CHECKS WITH A GROUND TESTER

CONDITIONS(S): Given designated equipment requiring ground test checks, applicable technical publications, tools, TMDE, directives, and references.

STANDARD(S): Ensure system grounds are within established parameters per the references.

PERFORMANCE STEPS:

1. Connect the ground tester to appropriate power source.
2. Perform equipment operational check.
3. Connect the ground tester to system to be checked.
4. Operate ground tester controls to obtain the correct measurement/display.
5. Interpret/Interpolate/Calculate measurement obtained.
6. Disconnect ground tester from system tested.
7. Secure ground tester.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. TM 9406-15, Grounding Procedures
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TASK: 5900.03.08 (CORE PLUS) IMPLEMENT GROUNDING AND POWER PLAN

CONDITIONS(S): Given grounding and power plan.

STANDARD(S): Properly ground and power up equipment, per the reference.

PERFORMANCE STEPS:

1. Refer to power plan.
2. Refer to grounding plan.
3. Check power receptacles for proper measurements.
4. Check ground for proper measurements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

Appendix A to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. TM 9406-15, Grounding Procedures

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TASK: 5900.03.09 (CORE PLUS) PERFORM ADVANCE SOLDERING ON ELECTRONIC COMPONENTS

CONDITIONS(S): Given an electronic device, tools, TMDE, and references.

STANDARD(S): Ensure that components are soldered within tolerances per the references.

PERFORMANCE STEPS:

1. Select appropriate micro-min soldering equipment for required application.
2. Adhere to safety requirements.
3. Set equipment to correct temperature setting.
4. Clean intended application area.
5. Remove conformal coating, as required.
6. Perform multi-level board repairs.
7. Repair damaged solder pads and runs.
8. Repair damaged lighted panels, as required.
9. Solder advance components, as required.
10. Clean flux from connection.
11. Visually inspect to verify there are no defects.
12. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. MCO P5090.2\_, Environmental Compliance and Protection Manual
4. MSDS, Material Safety Data Sheets

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TASK: 5900.03.10 (CORE PLUS) MAINTAIN MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS) SHELTERS

Appendix A to  
ENCLOSURE (6)

CONDITIONS(S): Given tools, references, and shelter.

STANDARD(S): Perform preventive and corrective maintenance per the reference.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Research applicable technical manuals.
3. Remove or replace defective components.
4. Perform maintenance close out procedures.
5. Perform preventive maintenance.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

TASK: 5900.04.01 (CORE) COMPLETE AN EQUIPMENT REPAIR ORDER (ERO) /ASSET TRACKING LOGISTIC AUTOMATED SUPPLY SYSTEM (ATLASS) WORK ORDER (WO) OR MAF

CONDITIONS(S): Given designated faulty equipment, ERO, Test Measurement & Diagnostic Equipment (TMDE), and references.

STANDARD(S): Record data of service performed, per the references.

PERFORMANCE STEPS:

1. Open an ERO/ATLASS TASK/WO or MAF.
2. Record Job Status changes.
3. Record requisitioned parts.
4. Record installed parts.
5. Record category code changes.
6. Record description of work.
7. Close an ERO/ATLASS TASK/WO or MAF.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. MCO 4700-15/1, Equipment Record Procedures
2. MCO P4790.2\_, MIMMS Field Procedures Manual
3. TM 4790, Users Manual
4. UM 4790-5, MIMMS (AIS) FMSS

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TASK: 5900.04.02 (CORE) REQUISITION REQUIRED PARTS

CONDITIONS(S): Given faulty equipment, Maintenance Information Systems (MIS), and references.

STANDARD(S): Create a valid requisition per the references.

PERFORMANCE STEPS:

1. Determine authorized echelon of maintenance.
2. Identify parts data using applicable Technical Manual, SL, COSAL, or Fed Log.
3. Check the pre-expended bin (PEB).

Appendix A to  
ENCLOSURE (6)

4. Submit a requisition.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. MCO 4700-15/1, Equipment Record Procedures
  3. MCO P4790.2\_, MIMMS Field Procedures Manual
  4. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
  5. UM 4790-5, MIMMS (AIS) FMSS
- 

TASK: 5900.04.03 (CORE) SUPERVISE MAINTENANCE SHOP PROGRAMS

CONDITIONS(S): Given tools, equipment, personnel, and references.

STANDARD(S): Ensure proficiency and efficiency, per the references.

PERFORMANCE STEPS:

1. Supervise the following programs:
  - a. Calibration control.
  - b. Publication control.
  - c. Quality control procedures.
  - d. Modification control.
  - e. Tool control.
  - f. Pre-expend Bin control.
  - g. MIMMS/AIS procedures.
  - h. Supply support procedures & special programs.
  - i. Quality assurance.
  - j. Quality Deficiency Report (QDR) procedures.
  - k. LTI procedures.
  - l. Recoverable Items Report (WIR) procedures.
  - m. Training procedures.

MCO 1510.126  
30 OCT 02

- n. Deployment/Retrograde procedures.
  - o. Readiness reporting procedures.
  - p. Turnover procedures.
  - q. Desk top procedures.
2. Supervise equipment inventories
  3. Submit Product Quality Deficiency Reports
  4. Submit WIRs
  5. Ensure all maintenance efforts are properly documented
  6. Conduct inspections
  7. Correct discrepancies
  8. Request external staff assistance or training as required

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. 29 CFR1910.1200, Hazard Communications
4. FEDLOG, Federal Logistic Data on Compact Disk
5. FM 24-22, Communications-Electronic Management System
6. MCO 4700-15/1, Equipment Record Procedures
7. MCO P4790.2\_, MIMMS Field Procedures Manual
8. MCWP 5-1, Marine Corps Planning Process
9. TM 4790, Users Manual

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TASK: 5900.04.04 (CORE) MAINTAIN MAINTENANCE REPORTS/SCHEDULES/PROGRAMS

CONDITIONS(S): Given a Daily Transaction Listing (DTL), Daily Process Report (DPR), ERO Demands Report, and references.

STANDARD(S): To detect and correct trend errors in the unit's maintenance reporting, per the references.

PERFORMANCE STEPS:

Appendix A to  
ENCLOSURE (6)

1. Maintain maintenance reports.
2. Maintain preventative maintenance schedules.
3. Maintain pre-expended bin control.
4. Maintain modification control program.
5. Maintain calibration control program.
6. Maintain tool control program.
7. Maintain publication control program.
8. Maintain quality control program.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Cpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. UM 4790-5, MIMMS (AIS) FMSS
6. UNIT SOP, Unit's Standing Operating Procedures
7. UNIT T/E, Table of Equipment

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TASK: 5900.04.05 (CORE PLUS) MAINTAIN TURN-OVER FOLDER

CONDITIONS(S): Given the requirement and the references.

STANDARD(S): To ensure turn-over folders are prepared and maintained, per the references.

PERFORMANCE STEPS:

1. The turnover should include at a minimum:
  - a. Billet title.
  - b. Chain of Command.
  - c. Billet mission.
  - d. Billet functions.

Appendix A to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

- e. Orders or directives pertinent to the billet.
- f. Required reports.
- g. Points of contact.
- h. Past and pending projects.

2. Include any other data that might assist in carrying out the billet responsibilities.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

- 1. CMR, Consolidated Memorandum Receipt
- 2. MCO P4790.2\_, MIMMS Field Procedures Manual
- 3. UNIT T/E, Table of Equipment

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TASK: 5900.04.06 (CORE PLUS) SUBMIT CHANGE TO TECHNICAL PUBLICATION

CONDITIONS(S): Given a technical publication requiring change, a [NAVMC 10772](#), and references.

STANDARD(S): Ensure technical publications are complete and accurate, per the references.

PERFORMANCE STEPS:

- 1. Identify change required.
- 2. Prepare [NAVMC 10772](#) recommending change.
- 3. Submit [NAVMC 10772](#) through chain of command to CMC code (HQSP).

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: LCpl

REFERENCE(S):

- 1. Applicable Technical Publications/Manuals
- 2. MCO 5215.12, Managing and Maintaining Navy Directives Files and Establishing "Must Hold" Lists
- 3. MCO P4790.2\_, MIMMS Field Procedures Manual
- 4. UNIT T/E, Table of Equipment

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Appendix A to  
ENCLOSURE (6)

TASK: 5900.04.07 (CORE PLUS) IMPLEMENT ELECTROMAGNETIC ENVIRONMENTAL EFFECTS E(3) PROGRAM

CONDITIONS(S): Given a mission, personnel, TMDE, and references.

STANDARD(S): To ensure Electromagnetic Interference Control is maintained, per the references.

PERFORMANCE STEPS:

1. Develop design and installation techniques that cover the following areas:
  - a. Indirect coupling.
  - b. Shielding.
  - c. Grounding.
  - d. Bonding.
  - e. Filtering.
  - f. Corrosion control.
2. Develop maintenance standards.
3. Identify E3 problems to the unit E3 coordinator.
4. Report E3 problems to the unit E3 coordinator.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. FMFM 3-36, Guide to Electromagnetic Interference Control
2. TM 9406-15, Grounding Procedures

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TASK: 5900.04.08 (CORE PLUS) MAINTAIN EQUIPMENT RECORD JACKETS

CONDITIONS(S): Given equipment, record jackets, and references.

STANDARD(S): To ensure the proper completion and maintenance of all equipment records applicable to the equipment held by the unit, per references.

PERFORMANCE STEPS:

1. Identify equipment requiring Equipment Record Jackets.
2. Create required record jackets.
3. Update equipment record jackets, as required.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: LCpl

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
  2. SL 1-3, Index of Authorized Publications in Stock
  3. UNIT T/E, Table of Equipment
  4. UNIT T/O, Table of Organization
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TASK: 5900.04.09 (CORE) REQUEST NEW EQUIPMENT IN SERVICE

CONDITIONS(S): Given a ULSS, new equipment, appropriate support equipment, trained personnel, and references.

STANDARD(S): To ensure that the equipment is complete and prepared for the required maintenance service per references.

PERFORMANCE STEPS:

1. Accept equipment for Limited Technical Inspection (LTI).
2. Read Advanced Logistic Order (ALO) to verify support requirements.
3. Assign to appropriate maintenance shop.
4. Prepare for the performance of maintenance actions:
  - a. Assemble appropriate technical publications.
  - b. Construct equipment record jacket.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: GySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. CMR, Consolidated Memorandum Receipt
  3. MCO P4790.2\_, MIMMS Field Procedures Manual
  4. TM 9999-15/1, ESD Awareness Electro-Static Discharge
- 

TASK: 5900.04.10 (CORE) PREPARE ELECTRONIC MAINTENANCE RELATED MESSAGES/CORRESPONDENCE

CONDITIONS(S): Given a requirement and references.

STANDARD(S): To transmit maintenance message traffic, per the references.

Appendix A to  
ENCLOSURE (6)

PERFORMANCE STEPS:

1. Draft Naval message, as required.
2. Draft Naval correspondence, as required.
3. Draft memorandums, as required.
4. Draft Administrative Action (AA) forms, as required.
5. Draft awards, as required.
6. Draft trip reports, as required.
7. Draft After Action reports, as required.
8. Draft point papers, as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 4700-15/1, Equipment Record Procedures
3. MCWP 5-1, Marine Corps Planning Process
4. MCWP 6-22, Communications and Information Systems
5. NTP-3, Naval Telecommunications Procedures

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TASK: 5900.04.11 (CORE PLUS) CONDUCT PERFORMANCE ASSURANCE REVIEWS

CONDITIONS(S): Given a fitness report or counseling sheet and the reference.

STANDARD(S): Conduct performance reviews per the references.

PERFORMANCE STEPS:

1. Review reference.
2. Review personnel performance for technical/professional proficiency.
3. Review personnel performance for professional conduct.
4. Conduct personnel interview/counseling.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. MCO P1610.7\_, Performance Evaluation System

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TASK: 5900.04.12 (CORE PLUS) HANDLE CLASSIFIED MATERIALS

CONDITIONS(S): Given classified materials and appropriate clearance.

STANDARD(S): Ensuring proper handling per the reference.

PERFORMANCE STEPS:

1. Ensure a secure environment.
2. Obtain classified items from a secure location.
3. Practice COMSEC procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual

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TASK: 5900.04.13 (CORE PLUS) MANAGE HAZARDOUS MATERIALS

CONDITIONS(S): Given hazardous materials and appropriate HAZMAT equipment.

STANDARD(S): Provide safety for personnel and equipment per the reference.

PERFORMANCE STEPS:

1. Identify hazardous materials as they pertain to MACCS equipment.
2. Determine classification of hazardous material
3. Properly dispose of hazardous materials.
4. Properly store hazardous materials.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5900.04.14 (CORE) SUPERVISE USE OF CRYPTOGRAPHIC MATERIAL

CONDITIONS(S): Given cryptographic equipment, personnel, and references.

Appendix A to  
ENCLOSURE (6)

STANDARD(S): Ensure correct use of cryptographic equipment per the reference.

PERFORMANCE STEPS:

1. Obtain classified items from a secure location.
2. Practice COMSEC procedures.
3. Provide training to subordinates.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual

MOS 5902, ELECTRONICS MAINTENANCE OFFICER (AVIATION)

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5902.01.01 (CORE PLUS) PERFORM AS ELECTRONICS MAINTENANCE OFFICER (MACS TAOC/AIR BASES)

CONDITIONS(S): Given a mission, Commander's guidance, and references.

STANDARD(S): To ensure timely and effective maintenance on the command's equipment, per the references.

PERFORMANCE STEPS:

1. Review desktop procedure, unit SOPs.
2. Conduct subordinate unit inspections and staff assist visits.
3. Provide training to units.
4. Brief Commander/G-6 on maintenance issues/challenges.
5. Provide guidance to G-6 on maintenance.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Higher Headquarters Directives
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4400.150, Consumer Level Supply Policy Manual
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. MCWP 4-24, Commander's Guide to Maintenance
7. UNIT T/E, Table of Equipment
8. UNIT T/O, Table of Organization

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TASK: 5902.01.02 (CORE PLUS) MANAGE STAFF OF ACQUISITION AND EQUIPMENT SPECIALISTS FOR SECTION OF MARINE CORPS SYSTEMS COMMAND (MARCORSYSCOM)

CONDITIONS(S): Given a mission, Commander's guidance, and references.

STANDARD(S): To ensure effective management of logistical support, equipment modification or replacement of MACCS equipment within the Marine Corps, per the references.

Appendix B to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

PERFORMANCE STEPS:

1. Review duties.
2. Supervise staff of acquisition and equipment specialists.
3. Attend training, as required.
4. Brief Commander on acquisition and logistical support programs, as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Higher Headquarters Directives
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO 4733.1A, Marine Corps TMDE CAMP
5. MCO P4400.150, Consumer Level Supply Policy Manual
6. MCO P4790.2\_, MIMMS Field Procedures Manual

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TASK: 5902.01.03 (CORE PLUS) PERFORM AS AVIATION ELECTRONICS MAINTENANCE REQUIREMENTS OFFICER

CONDITIONS(S): Given a mission, Commander's guidance, and references.

STANDARD(S): To ensure effective electronic maintenance requirements, policy, and procedures are met, per the references.

PERFORMANCE STEPS:

1. Review duties.
2. Review issues and policy.
3. Coordinate and manage the Marine Corps position on the operational requirements for electronic maintenance related systems, and maintenance aspects of other C4I systems.
4. Serve as the operating force sponsor and MCCDC liaison to MARCORSYSCOM in matters of electronic maintenance and appropriate C4I operational requirements.
5. Coordinate with counterparts in other MCCDC divisions when C4I equipment requirements have implications for doctrine, training, and force structure.
6. Participate in the development of concepts of employment for C4I operational requirements documents.

Appendix B to  
ENCLOSURE (6)

7. Assist in Mission Area Analysis for mission areas impacted by electronic maintenance.

8. Coordinate the staffing of Marine Corps and other service C4I requirements documents.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Maj

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Higher Headquarters Directives
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4400.150, Consumer Level Supply Policy Manual
5. MCO P4790.2\_, MIMMS Field Procedures Manual

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TASK: 5902.01.04 (CORE PLUS) SERVE AS AN ELECTRONICS MAINTENANCE OFFICER TO SUPPORT FORMAL TRAINING. (MCCES/MATTC)

CONDITIONS(S): Given a command, Commander's guidance, TO/E, and references.

STANDARD(S): To ensure combat and mission readiness, per the references.

PERFORMANCE STEPS:

1. Review TO/E.
2. Review Commander's guidance.
3. Review present policies and procedures.
4. Establish/Revise policies and procedures, as required.
5. Supervise personnel and equipment maintenance.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Higher Headquarters Directives
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4400.150, Consumer Level Supply Policy Manual
5. MCO P4790.2\_, MIMMS Field Procedures Manual

MCO 1510.126  
30 OCT 02

6. MCWP 6-22, Communications and Information Systems
7. UNIT T/E, Table of Equipment
8. UNIT T/O, Table of Organization

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TASK: 5902.01.05 (CORE PLUS) SPONSOR 5900 OCCUPATIONAL FIELD. (APC5)

CONDITIONS(S): Given a mission, Commander's guidance, and references.

STANDARD(S): To ensure effective management of the 5900 Occupational Field, per the references.

PERFORMANCE STEPS:

1. Review duties.
2. Attend meetings/conferences.
3. Review strengths/weaknesses and issues of individual MOSs in the 5900 OCC FLD.
4. Brief 5900 issues to HQMC.
5. Provide guidance to the officer and enlisted monitors for 5900 Marines.
6. Brief the promotion boards on 5900 Marines.
7. Brief the vice Commandant for C4 on maintenance issues/challenges.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: LtCol

REFERENCE(S):

1. Higher Headquarters Directives
2. MCO 5311.1\_, Table of Manpower Requirements
3. UNIT T/E, Table of Equipment
4. UNIT T/O, Table of Organization

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TASK: 5902.01.06 (CORE PLUS) BRIEF COMMANDER ON EQUIPMENT READINESS. (MACCS)

CONDITIONS(S): Given maintenance reports, commander's guidance, and references.

STANDARD(S): To ensure the commander is aware of all issues relative to the combat readiness of equipment, per the references.

PERFORMANCE STEPS:

Appendix B to  
ENCLOSURE (6)

1. Review commander's guidance.
2. Review MARES management reports.
3. Review MIMMS reports.
4. Gather/Share specific information.
5. Evaluate equipment readiness.
6. Prepare the brief.
7. Deliver the brief.
8. Brief ATLASS II reports.
9. Brief C3 report.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. DPR, Daily Processing Report
2. FMFM 3-1, Command and Staff Action
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. UNIT T/E, Table of Equipment
5. UNIT T/O, Table of Organization

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TASK: 5902.01.07 (CORE) SUPERVISE THE MANAGEMENT OF THE UNIT'S COMSEC MATERIAL SYSTEM (CMS)/ ELECTRONIC KEY MANAGEMENT SYSTEM (EKMS) ACCOUNT

CONDITIONS(S): Given Commander's guidance and the references.

STANDARD(S): To ensure compliance for the management of the units CMS/EKMS account, per the references.

PERFORMANCE STEPS:

1. Identify CMS/EKMS requirements.
2. Monitor adherence to current CMS/EKMS regulations.
3. Monitor COMSEC incident reports, as required.
4. Review Emergency Action Plans (EAP) and recommend changes/updates, as required.
5. Recommend drills to test EAP and recommend changes for improvements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

MCO 1510.126  
30 OCT 02

REFERENCE(S):

1. CMS-21A, COMSEC Material System Policy & Procedures Manual
2. CMS-9, DON Certification Authority Policy and Procedures (DRAFT)

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TASK: 5902.01.08 (CORE) PROVIDE INPUT TO HIGHER HEADQUARTERS CONCERNING INTEGRATION OF MARINE AIR TRAFFIC CONTROL SYSTEMS AND MARINE AIR COMMAND AND CONTROL SYSTEMS

CONDITIONS(S): Given references, equipment status reports, and Commander's guidance.

STANDARD(S): To provide the commander status of integration of Marine Air Command and Control systems, per the reference.

PERFORMANCE STEPS:

1. Review equipment status reports
2. Review Commander's Guidance.
3. Study Marine Air Traffic Control System technical characteristics.
4. Study Marine Air Command and Control System technical characteristics.
5. Provide input to commander.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
5. UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS
6. UNIT SOP, Unit's Standing Operating Procedures
7. UNIT T/O, Table of Organization

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TASK: 5902.01.09 (CORE) PROVIDE AUTHORITATIVE STAFF SUPPORT FOR THE AC/S G-6 IN AREAS RELATING TO THE MAINTENANCE OF MACCS EQUIPMENT

CONDITIONS(S): Given maintenance reports, equipment status, and references.

Appendix B to  
ENCLOSURE (6)

STANDARD(S): Per the reference.

PERFORMANCE STEPS:

1. Review equipment status reports.
2. Review maintenance reports.
3. Provide guidance.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Maj

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FSMAO Checklist
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
5. TM 9406-15, Grounding Procedures
6. UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS
7. UNIT SOP, Unit's Standing Operating Procedures
8. UNIT T/O, Table of Organization

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TASK: 5902.01.10 (CORE) DEVELOP INFORMATION SYSTEMS PLANS

CONDITIONS(S): Given planning documents and references.

STANDARD(S): To ensure reliable, secure, fast and flexible communication, per the references.

PERFORMANCE STEPS:

1. Review planning documents.
2. Determine hardware and software requirements.
3. Determine hardware and software capabilities.
4. Prioritize installation of services.
5. Identify shortfalls.
6. Draft information systems plan.
7. Submit plan for review.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCWP 3-1, Ground Combat Operations
3. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5902.01.11 (CORE) DRAFT EMERGENCY ACTION PLAN(EAP)

CONDITIONS(S): Given planning documents and references.

STANDARD(S): To ensure communication and information security, per the references.

PERFORMANCE STEPS:

1. Analyze requirement.
2. Consider types of emergencies-accidental/hostile action.
3. Consider stage threats for hostile action emergencies.
4. Evaluate emergency destruction factors.
5. Consider emergency planning measures.
6. Determine destruction methods required for specific materials.
7. Submit EAP draft to commander for signature.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Capt

REFERENCE(S):

1. CMS-21A, COMSEC Material System Policy & Procedures Manual
2. NTP-4, Naval Telecommunications Procedures/Fleet
3. OPNAVINST 5605, Physical Security
4. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
5. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation

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TASK: 5902.01.12 (CORE) SUPERVISE INSTALLATION OF INFORMATION SYSTEMS

CONDITIONS(S): Given equipment, personnel, planning documents, and references.

Appendix B to  
ENCLOSURE (6)

STANDARD(S): To provide reliable, secure, fast and flexible communication, per the references.

PERFORMANCE STEPS:

1. Ensure adherence to all safety requirements.
2. Site equipment.
3. Supervise implementation of records/logs/equipment, as required.
4. Supervise installation of hardware and software.
5. Supervise COMSEC installation.
6. Review installation to ensure adherence to planning documents.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5902.01.13 (CORE) MANAGE INFORMATION SYSTEMS CONFIGURATION MANAGEMENT

CONDITIONS(S): Given information systems, upgrades, personnel, and references.

STANDARD(S): To provide reliable, secure, fast and flexible communication, per the references.

PERFORMANCE STEPS:

1. Supervise adherence to all safety precautions.
2. Determine required hardware/software upgrades.
3. Schedule system non-availability.
4. Prepare recovery plan.
5. Direct system upgrades.
6. Ensure system operational check is completed.
7. Ensure documentation is completed.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Maj

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5902.01.14 (CORE) DEVELOP DATA COMMUNICATIONS NETWORK PLANS

CONDITIONS(S): Given planning documents, planning tools, and references.

STANDARD(S): To ensure reliable, secure, fast and flexible communication, per the references.

PERFORMANCE STEPS:

1. Examine planning documents.
2. Determine network infrastructure requirements.
3. Determine existing capabilities.
4. Identify shortfalls.
5. Plan network services.
6. Create layout diagram of connectivity.
7. Submit plan for review.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Maj

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS: Systems planning and engineering must include the ability to expand and migrate to other systems or networks.

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TASK: 5902.01.15 (CORE PLUS) DRAFT COMSEC POLICIES AND PROCEDURES

CONDITIONS(S): Given planning documents, commander's guidance, and references.

STANDARD(S): To ensure communication security, per the references.

PERFORMANCE STEPS:

1. Review planning documents.
2. Develop INFOSEC policies and procedures.
3. Update INFOSEC policies and procedures, as required.
4. Ensure adherence to INFOSEC policies and procedures.

Appendix B to  
ENCLOSURE (6)

5. Develop written guidance (SOP, directives) for local elements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. CMS-21A, COMSEC Material System Policy & Procedures Manual
2. EKMS 704, LMD/KP Operators Manual
3. NAG-14\_, Safeguarding COMSEC Material and Facilities
4. NAG-16, Field Generation and Over-the-Air Distribution of COMSEC KEY in Support of Tactical Ops and Exercises
5. NAG-69\_, Information System Security Policy and Procedures for FORTEZZA Card Certification Authority Workstations
6. NAG-71, Interim Operational Security Doctrine for the Local Management Device/Key Processor (LMD/KP)
7. NSTISSI 4005, Safeguarding Communications Security (COMSEC) Facilities and Materials
8. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
9. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation

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TASK: 5902.01.16 (CORE PLUS) IMPLEMENT UNITS INFORMATION ASSURANCE (IA) TRAINING AND AWARENESS PROGRAM

CONDITIONS(S): Given references, regulations, local policies, and references.

STANDARD(S): To maximize the competency of the organization concerning information assurance and certification program, per the references.

PERFORMANCE STEPS:

1. Identify training requirements.
2. Gather appropriate and necessary training materials.
3. Review the training materials.
4. Prepare and IA training and awareness/certification program.
5. Maintain a record of training.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Capt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. IRM-5239-08\_, Computer Security Procedures
2. OMB CIRCULAR A-130, Management of Federal Information Resources
3. PUBLIC LAW 100-235, Computer Security Act of 1987
4. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
5. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation

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TASK: 5902.01.17 (CORE) DRAFT COMMUNICATIONS INFORMATION SYSTEMS (CIS) PLAN

CONDITIONS(S): Given an organization, concept of operations, and references.

STANDARD(S): To ensure reliable, secure, fast and flexible communication, per the references.

PERFORMANCE STEPS:

1. Analyze CIS requirements.
2. Coordinate CIS requirements.
3. Employ Tactical Network Analysis and Planning System (TNAPS) for network design and engineering.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CJCSM 6231, Joint Tactical Communication Systems Manuals
3. DCAC 310-130-1, Defense Communications System Telecommunications Service Requests
4. DOI-103, DSSCS
5. JCTC3A SPEC 9115, Technical Interface Specifications for DSN to Tactical Analog Gateways
6. JT PUB SERIES 6-05, Manual for Employment of Joint Tactical Communications
7. JTC3A HDBK 8000, Joint Connectivity Book
8. MCWP 6-22, Communications and Information Systems
9. NWP-4, Basic Operational Communications Doctrine

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Appendix B to  
ENCLOSURE (6)

TASK: 5902.01.18 (CORE PLUS) INSPECT FUNCTIONAL AREAS

CONDITIONS(S): Given a checklist and references.

STANDARD(S): To ensure adherence to procedures/regulations and unit SOP, per the references.

PERFORMANCE STEPS:

1. Schedule inspection of all functional areas.
2. Execute the inspection process.
3. Identify type of discrepancies.
4. Ensure corrective action.
5. Re-inspect, as required.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 4700-15/1, Equipment Record Procedures
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. TM 4790.2D, MIMMS Field Procedures Manual
5. UM 4790-5, MIMMS (AIS) FMSS
6. UNIT SOP, Unit's Standing Operating Procedures

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5902.02.01 (CORE) FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE FOR AVIATION AND GROUND ELECTRONIC SYSTEMS

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure optimum equipment and personnel readiness, per the references.

PERFORMANCE STEPS:

1. Analyze planning documents.
2. Identify requirements
  - a. Equipment
  - b. Personnel
  - c. Frequency request
  - d. Training
  - e. Facilities
  - f. Communication (Nets, secure/non-secure)
  - g. POLs
  - h. Maintenance float
  - i. Consumables
  - j. Data Links
  - k. Telecommunications
    1. CMS/EKMS
  - m. Transportation
3. Identify resources (labor, material and time).
4. Coordinate with senior/adjacent/subordinate units, cognizant staff officers and external maintenance support agencies.
5. Develop a draft plan
6. Evaluate/staff plan as required.
7. Finalize the plan.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

Appendix B to  
ENCLOSURE (6)

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. FMFM 3-30, Communications
  3. FMFM 3-36, Guide to Electromagnetic Interference Control
  4. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
  5. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
  6. UNIT SOP, Unit's Standing Operating Procedures
  7. UNIT T/O, Table of Organization
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TASK: 5902.02.02 (CORE) FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE OF TACTICAL DATA AND VOICE COMMUNICATIONS IN SUPPORT OF MAGTF AND JOINT SERVICE EXERCISES

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure reliable data and voice communications.

PERFORMANCE STEPS:

1. Analyze planning documents.
2. Identify requirements.
  - a. Tactical NETS
  - b. Short Range
  - c. Long Range
  - d. Data Links
  - e. Telecommunications
  - f. Connectivity
3. Identify resources.
  - a. Organic assets available.
  - b. External support.
  - c. Existing infrastructure.
4. Coordinate with senior/adjacent/subordinate units, cognizant staff officers and external agencies

MCO 1510.126  
30 OCT 02

5. Develop a draft plan.
6. Evaluate/Staff Plan, as required.
7. Finalize the plan.
8. Attend Communication Systems Officer Refresher Course.
9. Attend Data Link courses.
10. Submit frequency request.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual
3. FMFM 3-30, Communications
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
6. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
7. TM 9406-15, Grounding Procedures
8. UNIT SOP, Unit's Standing Operating Procedures
9. UNIT T/O, Table of Organization

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TASK: 5902.02.03 (CORE) FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE FOR GARRISON/TACTICAL INFORMATION SYSTEMS INFRASTRUCTURE

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure reliable, fast, secure and non-secure transfer of digital information, per the references.

PERFORMANCE STEPS:

1. Analyze planning documents.
2. Identify requirements.
  - a. Review T/O
  - b. Review T/E

Appendix B to  
ENCLOSURE (6)

- c. Specific hardware/software.
3. Identify resources.
  - a. Manpower
  - b. O/H allowances
  - c. Infrastructure
  - d. Budget constraints
4. Coordinate with senior/adjacent/subordinate units, cognizant staff officers and external agencies.
5. Develop a draft plan.
6. Evaluate/Staff Plan, as required.
7. Finalize the plan.
8. Attend formal schools (TBD)

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Maj

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FMFM 3-30, Communications
3. FMFM 3-36, Guide to Electromagnetic Interference Control
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. MSDS, Material Safety Data Sheets
6. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
7. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
8. TM 9406-15, Grounding Procedures
9. TM 9999-15/1, ESD Awareness Electro-Static Discharge
10. UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS
11. UNIT SOP, Unit's Standing Operating Procedures
12. UNIT T/O, Table of Organization

MCO 1510.126  
30 OCT 02

TASK: 5902.02.04 (CORE PLUS) SUBMIT ESTIMATES AND JUSTIFICATION FOR FISCAL YEAR FUNDING AND MID YEAR REVIEWS

CONDITIONS(S): Given planning documents, mission, TEEP, equipment, personnel, and references.

STANDARD(S): To ensure accurate and timely submission of budget requirements.

PERFORMANCE STEPS:

1. Review the unit's TEEP.
2. Identify TAD requirements.
3. Estimate maintenance costs based on historical data.
4. Identify new requirements (equipment, facilities, and training).
5. Submit budget.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. SKED Planned Maintenance Scheduler
2. MCO P4400.150, Consumer Level Supply Policy Manual
3. MCWP 5-1, Marine Corps Planning Process
4. UNIT SOP, Unit's Standing Operating Procedures
5. UNIT T/O, Table of Organization

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TASK: 5902.02.05 (CORE PLUS) ANNUALLY VALIDATE SECONDARY REPAIRABLE REQUIREMENTS

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure adequate spares are available to meet the unit's mission.

PERFORMANCE STEPS:

1. Identify low density equipment.
2. Identify current on-hand quantities.
3. Analyze historical failure data.
4. Identify new requirements.
5. Submit requirements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

Appendix B to  
ENCLOSURE (6)

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
6. UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS
7. UNIT T/O, Table of Organization

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5902.03.01 (CORE) MANAGE ACTIVITIES IN THE INSTALLATION, OPERATION AND MAINTENANCE OF AVIATION AND GROUND ELECTRONIC EQUIPMENT AND SYSTEMS

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure reliable operation and effective maintenance that supports the mission, per the references.

PERFORMANCE STEPS:

1. Review readiness/maintenance reports.
2. Review personnel requirements and availability.
3. Evaluate logistical and supply support.
4. Identify requirements (internal and external).
5. Coordinate with senior/adjacent/subordinate units, cognizant staff officers and external agencies.
6. Conduct quality assurance inspections.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5902.03.02 (CORE PLUS) SUPERVISE TRAINING FOR ELECTRONICS MAINTENANCE PERSONNEL

CONDITIONS(S): Given the unit's training plan, personnel, equipment, training records, and references.

STANDARD(S): To ensure personnel are trained, per the references.

PERFORMANCE STEPS:

1. Identify training strengths and weaknesses of unit personnel.
2. Establish training priorities:
  - a. Mission oriented training.
  - b. Skill progression training.
  - c. Professional development training.
3. Supervise training plan to increase skill level of personnel/unit:

Appendix B to  
ENCLOSURE (6)

- a. Communication security.
  - b. Mission and organization of command.
  - c. Maintenance of files and logs.
  - d. Troubleshooting.
4. Supervise type and frequency of training to be conducted on an individual/unit basis.
  5. Ensure supervision at all levels during conduct of training.
  6. Evaluate skill levels attained against those established.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Higher Headquarters Directives
3. Unit Training Plan
4. MCO 5390.2\_, Leadership Training and Education
5. MCO P1200.7\_, MOS Manual
6. MCO P1500.40\_, Marine Corps Training Philosophy and Requirements
7. MCO P4790.2\_, MIMMS Field Procedures Manual
8. MCRP 3-0A, Unit Training Management Guide
9. MCRP 3-0B, How To Conduct Training
10. MCWP 4-24, Commander's Guide to Maintenance
11. MCWP 6-22, Communications and Information Systems
12. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5902.03.03 (CORE) MANAGE THE INSTALLATION, OPERATION AND MAINTENANCE OF TACTICAL DATA AND VOICE COMMUNICATIONS IN SUPPORT OF MAGTF AND JOINT SERVICE EXERCISES

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure reliable data and voice communications, per the references.

PERFORMANCE STEPS:

1. Allocate resources.

MCO 1510.126  
30 OCT 02

2. Coordinate with senior/adjacent/subordinate units, cognizant staff officers and external agencies
3. Monitor equipment readiness and quality of circuits.
  - a. Conduct quality assurance inspections.
4. Ensure safety precautions are in accordance with current directives.
5. Inspect for adherence to the plan.
6. Review and adapt plan as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. UNIT SOP, Unit's Standing Operating Procedures
3. UNIT T/O, Table of Organization

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TASK: 5902.03.04 (CORE) MANAGE THE INSTALLATION, OPERATION AND MAINTENANCE FOR GARRISON/TACTICAL INFORMATION SYSTEMS INFRASTRUCTURE

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To ensure reliable, fast, secure and non-secure transfer of digital information, per the references.

PERFORMANCE STEPS:

1. Ensure safety precautions are in accordance with current directives.
2. Allocate resources.
3. Coordinate with senior/adjacent/subordinate units, cognizant staff officers and external agencies.
4. Inspect for adherence to the plan.
5. Attend formal schools (TBD)
6. Review/Adapt plan, as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Maj

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix B to  
ENCLOSURE (6)

TASK: 5902.03.05 (CORE) MANAGE THE EMPLOYMENT, INTEGRATION AND MAINTENANCE OF INFORMATION TECHNOLOGY RESOURCES TO INCLUDE HARDWARE AND SOFTWARE

CONDITIONS(S): Given a mission, commander's intent, equipment, personnel, and references.

STANDARD(S): To ensure fast reliable transfer of digital information with fair and equitable allocation of resources.

PERFORMANCE STEPS:

1. Identify requirements and resources.
2. Develop a master plan.
3. Identify requirements and deficiencies to higher headquarters.
4. Match resources to requirements.
  - a. Software requirements.
  - b. Hardware requirements.
  - c. Facilities
  - d. Training
5. Implement master plan.
6. Ensure preventive and corrective maintenance procedures are in accordance with current directives.
7. Attended formal schools

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Maj

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATION AND LOGISTICAL ACTIONS

TASK: 5902.04.01 (CORE PLUS) DIRECT THE ELECTRONIC MAINTENANCE SUPPORT PROGRAMS

CONDITIONS(S): Given an electronics maintenance unit, personnel, and references

STANDARD(S): To ensure programs are effective and in accordance with current directives.

PERFORMANCE STEPS:

1. Supervise the following programs:
  - a. Calibrations/TMDE
  - b. Publications
  - c. Quality Control
  - d. Modification Control
  - e. Tool Control
  - f. Pre-Expended bin
  - g. MIMMS
  - h. Supply (Maintenance and Secondary Repairable)
  - i. Quality Deficiency Reporting
  - j. MMS

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. DESKTOP PROCEDURES
4. FSMAO Checklist
5. Higher Headquarters Directives
6. Maintenance Float Catalog
7. OGRE Checklist
8. Unit Training Plan
9. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL

Appendix B to  
ENCLOSURE (6)

10. CMS-21A, COMSEC Material System Policy & Procedures Manual
11. DPR, Daily Processing Report
12. MCO 3000.11\_, Marine Corps Ground Equipment Resources Reporting
13. MCO 4400.82F, MIMMS Controlled Item Management Manual
14. MCO 4700-15/1, Equipment Record Procedures
15. MCO 4733.1A, Marine Corps TMDE CAMP
16. MCO 4790.1\_, Marine Corps Integrated Maintenance Management System (MIMMS) Manual
17. MCO 4855.10, Product Quality Deficiency Report (PQDR)
18. MCO P4400.150, Consumer Level Supply Policy Manual
19. MCO P4790.2\_, MIMMS Field Procedures Manual
20. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
21. NAVMC 1017, Table of Authorized Material
22. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
23. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
24. SI 4400-15/5, SI
25. UM 4400-124, FMF SASSY Using Unit Procedures
26. UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS
27. UNIT T/E, Table of Equipment
28. UNIT T/O, Table of Organization

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TASK: 5902.04.02 (CORE PLUS) SUPERVISE MAINTENANCE PRODUCTION

CONDITIONS(S): Given assigned maintenance area, electronic maintenance unit, a mission, commander's guidance, and references.

STANDARD(S): To enhance maintenance efficiency and effectiveness, per the references.

PERFORMANCE STEPS:

1. Conduct internal review.
2. Evaluate external analysis.

Appendix B to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

3. Determine action required.
4. Develop POA&M.
5. Execute plan.
6. Evaluate results.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FSMAO Checklist
3. MCO 3000.11\_, Marine Corps Ground Equipment Resources Reporting
4. MCO 4400.82F, MIMMS Controlled Item Management Manual
5. MCO 4733.1A, Marine Corps TMDE CAMP
6. MCO P4105.3\_, ILS Manual
7. MCO P4400.150, Consumer Level Supply Policy Manual
8. MCO P4790.2\_, MIMMS Field Procedures Manual
9. MCO P5215.17\_, The USMC Tech Pub System
10. MCO P5215.1\_, Marine Corps Directives System
11. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
12. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
13. SI 4400-15/5, SI
14. TI 4400-15/5, Packaging, Handling, Storage and Transportation of Electrostatic Discharge Sensitive Items
15. TM 9999-15/1, ESD Awareness Electro-Static Discharge
16. UM 4790-5, Marine Corps User Manual, MIMMS (AIS) FMSS
17. UNIT T/E, Table of Equipment
18. UNIT T/O, Table of Organization

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TASK: 5902.04.03 (CORE PLUS) ENSURE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO ORGANIC COMMUNICATION AND ELECTRONIC SYSTEMS

Appendix B to  
ENCLOSURE (6)

CONDITIONS(S): Given a requirement to maintain hazardous materials/waste (HAZMAT) disposal program and the references.

STANDARD(S): To ensure HAZMAT/wastes are properly collected, stored, and disposed, per the references.

PERFORMANCE STEPS:

1. Identify hazmat/waste.
2. Identify safety precautions used when handling hazmat/waste.
3. Maintain material safety data sheets.
4. Identify collection procedures.
5. Identify storage requirements.
6. Identify disposal requirements.
7. Identify training requirements for personnel handling hazmat/waste.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Higher Headquarters Directives
2. MSDS, Material Safety Data Sheets

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TASK: 5902.04.04 (CORE PLUS) MANAGE MACCS C4I CONTRACTOR LOGISTICAL SUPPORT (CLS) PROGRAM FOR THE MARINE CORPS (MCLB ALBANY)

CONDITIONS(S): Given a mission, Commander's guidance, and references.

STANDARD(S): To ensure effective management of MACCS C4I supply support at the MCLB Albany Depot Repair Facility, per the references.

PERFORMANCE STEPS:

1. Provide guidance on C4I supply support.
2. Prepare and brief C4I supply support issues/challenges.
3. Review CLS requirements.
4. Coordinate requirements with regional representative

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. Higher Headquarters Directives
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4400.150, Consumer Level Supply Policy Manual
5. MCO P4790.2\_, MIMMS Field Procedures Manual

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TASK: 5902.04.05 (CORE PLUS) PREPARE A BUDGET

CONDITIONS(S): Given Commander's guidance, personnel training requirements, maintenance contracts, and references.

STANDARD(S): To ensure a cost effective plan, per the references.

PERFORMANCE STEPS:

1. Review mission.
2. Determine operational and maintenance requirements.
3. Identify new project requirements.
4. Determine funding category (PMC or O and M).
5. Review maintenance contracts.
6. Determine cost for training for personnel.
7. Review existing funds available.
8. Determine installation/construction dates for new projects.
9. Develop cost estimates for projects, maintenance, and training.
10. Develop/Plan a budget based on preceding requirements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Capt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CURRENT FISCAL BUDGET FOR BASE/POST/STATION
3. Maintenance Contracts
4. MCO P4200.15\_, Marine Corps Purchasing Procedures Manual
5. MCO P7100.8\_, Field Budget Manual

Appendix B to  
ENCLOSURE (6)

TASK: 5902.04.06 (CORE) WRITE A MAINTENANCE SOP

CONDITIONS(S): Given a TO/E, commander's guidance, and references.

STANDARD(S): To ensure standardization of the IOM procedures of the unit's organic equipment, per the references.

PERFORMANCE STEPS:

1. Analyze mission, directives, policy guidance, and references.
2. Outline and record:
  - a. Command and Control relationships.
  - b. Maintenance procedures (preventive and corrective).
  - c. Training requirements and procedures.
  - d. Security (physical, transmission, emission, cryptographic).
  - e. Operational procedures.
  - f. Embarkation procedures.
  - g. Reports (administrative/operational).
  - h. ECCM.
  - j. Continuing actions of Marines.
3. Submit for inclusion in units SOP.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Capt

REFERENCE(S):

1. MCO P4790.2\_, MIMMS Field Procedures Manual
2. MCWP 6-22, Communications and Information Systems
3. TM 9406-15, Grounding Procedures

MOS 5910, AVIATION RADAR MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5910.01.01 (CORE PLUS) CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION

CONDITIONS(S): Given an electronic maintenance facility, personnel, equipment, directives, and references.

STANDARD(S): Inspect the maintenance administration per a FSMAO/CGI checklist.

PERFORMANCE STEPS:

1. Schedule inspection.
2. Conduct inspection.
3. Initiate action required to correct deficiencies.
4. Initiate follow-up inspection as necessary.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. FSMAO Checklist

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TASK: 5910.01.02 (CORE) DEPLOY AVIATION RADAR SYSTEMS

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Deploy equipment and qualified personnel to meet mission requirements stated in the concept of employment.

PERFORMANCE STEPS:

1. Provide input for load plans to embarkation officer for personnel and equipment.
2. Supervise proper preparations for embarkation of aviation RADAR systems.
3. Arrange for special material handling and transportation equipment.
4. Maintain security.
5. Determine power requirements.
6. Adhere to safety requirements.
7. Develop and maintain logistics/support procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

MCO 1510.126  
30 OCT 02

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (CWAR)

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TASK: 5910.01.03 (CORE PLUS) CONDUCT A PRE-DEPLOYMENT INSPECTION

CONDITIONS(S): Given a mission, commander's intent, maintenance facility, equipment, personnel, and references.

STANDARD(S): Conduct a pre-deployment inspection per the checklist.

PERFORMANCE STEPS:

1. Conduct a pre-deployment inspection of a maintenance section.
2. Initiate actions required to correct deficiencies.
3. Conduct follow-up inspection as necessary.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5910.01.04 (CORE PLUS) PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER PERTAINING TO SITING OF AVIATION RADAR SYSTEMS

CONDITIONS(S): Given an operational scenario and references.

STANDARD(S): Brief the capabilities and limitations of the aviation surveillance RADAR per the references.

PERFORMANCE STEPS:

1. Review characteristics of aviation RADAR systems.
2. Review concept of employment.
3. Conduct terrain and weather analysis of proposed site.

Appendix C to  
ENCLOSURE (6)

4. Analyze and comply with HERO/HERP reports.
5. Attend advanced RADAR theory/evaluation course.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (CWAR)

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TASK: 5910.01.05 (CORE PLUS) PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER IN DEVELOPING THE UNIT'S COMMUNICATIONS PLAN

CONDITIONS(S): Given the operational scenario and references.

STANDARD(S): Brief the commander on matters that pertain to the development of the ANNEX K as it applies to the operation.

PERFORMANCE STEPS:

1. Attend Communication Systems Officer Refresher (CSOR) Course.
2. Attend Electronics Key Management Systems (EKMS) Course.
3. Analyze and review concept of operation.
4. Review communication equipment characteristics.
5. Review COMSEC callout.
6. Review operational task link.
7. Submit frequency request as necessary.
8. Attend data link courses.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

TASK: 5910.01.06 (CORE PLUS) SUPERVISE THE ACTIVITIES IN THE INSTALLATION OF AVIATION RADAR SYSTEMS

CONDITIONS(S): Given equipment, personnel, and references.

STANDARD(S): Install RADAR systems to meet mission requirements stated in concept of employment.

PERFORMANCE STEPS:

1. Adhere to safety/HAZMAT requirements.
2. Ensure proper power requirements.
3. Ensure equipment assembly per the technical manuals.
4. Ensure proper anchoring of equipment.
5. Ensure completion of pre-operational checks.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - AN/TPS-59
  - AN/TPS-63
  - AN/MPQ-62 (CWAR)

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TASK: 5910.01.07 (CORE) BRIEF OPERATIONAL READINESS OF AVIATION RADAR SYSTEMS AND MAINTENANCE SECTIONS TO THE COMMANDER

CONDITIONS(S): Given maintenance reports, commander's guidance, and references.

STANDARD(S): Brief the commander per the references.

PERFORMANCE STEPS:

1. Review commander's guidance.
2. Review readiness / maintenance management reports.
3. Review personnel readiness reports.
4. Evaluate equipment readiness.

Appendix C to  
ENCLOSURE (6)

5. Evaluate supply support.
6. Prepare the brief using office automation software programs.
7. Deliver the brief.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (CWAR)

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TASK: 5910.01.08 (CORE PLUS) SUPERVISE THE OPERATION OF AVIATION RADAR SYSTEMS

CONDITIONS(S): Given equipment, personnel, and references.

STANDARD(S): Ensure the operation of aviation RADAR systems support the mission requirements.

PERFORMANCE STEPS:

1. Verify completion of operational checks of aviation RADAR systems.
2. Verify aviation RADAR systems performance with agencies.
3. Optimize aviation RADAR systems as the mission changes.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (CWAR)

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNINGS

TASK: 5910.02.01 (CORE) PROVIDE INPUT TO UNIT STANDARD OPERATING PROCEDURES (SOP) AS IT APPLIES TO AVIATION RADAR AND SHORT RANGE AIR DEFENSE (SHORAD) SYSTEMS

CONDITIONS(S): Given a T/O mission statement, a new mission, unit T/O, and references.

STANDARD(S): Submit input per the references.

PERFORMANCE STEPS:

1. Analyze mission, directives, policy guidance, and references.
2. Review current SOPs to include:
  - a. Safety procedures.
  - b. Maintenance procedures.
  - c. Training goals.
  - d. Security (physical, transmission, emission, cryptographic, COMSEC).
  - e. Command and control.
  - f. Operational procedures.
  - g. Embarkation procedures.
  - h. Reports (administrative/operational).
  - i. ECCM.
  - j. Emergency Action Plan (EAP).
  - k. Destructive weather plan.
  - l. Rear Area Security plan.
3. Submit required changes.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5910.02.02 (CORE PLUS) PLAN FOR TACTICAL DEPLOYMENT OF MAINTENANCE SECTION

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Supervise the deployment to the degree that mission requirements are met.

Appendix C to  
ENCLOSURE (6)

PERFORMANCE STEPS:

1. Review unit's operational plans.
2. Attend planning conferences.
3. Submit requirements for Unit's Logistics Support Request (LSR) to include;
  - a. Equipment.
  - b. Consumables.
  - c. Repair parts.
  - d. Maintenance Float Block.
  - e. Material Handling Equipment.
  - f. Transportation.
  - g. POLs.
  - h. HAZMAT / Safety.
  - i. Personnel.
4. Develop / Review pre-deployment checklist.
5. Identify additional technical support requirements (e.g. Contracted Engineering Technical Support).
6. Attend Aviation RADAR and SHORAD Maintenance courses.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5910.02.03 (CORE PLUS) PROVIDE INPUT FOR UNIT'S BUDGET SUBMISSION

CONDITIONS(S): Given maintenance history, current budget, Commander's Intent and Training, Exercise Execution Plan (TEEP).

STANDARD(S): Meet the Command's requirements for budget submission.

PERFORMANCE STEPS:

1. Review past equipment failures / expenditures.
2. Review TEEP.
3. Review Commander's Intent.

MCO 1510.126  
30 OCT 02

4. Determine / project future expenses.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. CURRENT FISCAL BUDGET FOR BASE/POST/STATION

6-C-8

Appendix C to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5910.03.01 (CORE) DIRECT AVIATION RADAR AND SHORAD SYSTEMS MAINTENANCE

CONDITIONS(S): Given a maintenance shop, required personnel, equipment, and references.

STANDARD(S): Maintain a C-2 Combat Readiness Level.

PERFORMANCE STEPS:

1. Determine maintenance capabilities.
2. Evaluate available personnel.
3. Evaluate available equipment.
4. Analyze workload.
5. Establish maintenance priorities.
6. Assign individual maintenance actions.
7. Inspect completed maintenance actions.
8. Assign corrective actions, as required.
9. Update turnover folder.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5910.03.02 (CORE) DIRECT AVIATION RADAR SYSTEMS AND SHORAD MAINTENANCE SUPPORT PROGRAMS

CONDITIONS(S): Given a maintenance section and references.

STANDARD(S): Direct maintenance support programs per the references.

PERFORMANCE STEPS:

1. Attend Maintenance Management Supervisors Course
2. Direct the following programs:
  - a. Calibration/TMDE.
  - b. Publications.
  - c. Quality Control.

Appendix C to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

- d. Modification Control.
- e. Tool Control
- f. Pre-expended bin
- g. Maintenance Administration
- i. Maintenance Management.
- j. Quality assurance/Quality Deficiency Reporting.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

6-C-10

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

6-C-11

Appendix C to  
ENCLOSURE (6)

MOS 5912, AVENGER SYSTEM MAINTAINER

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5912.01.01 (CORE) PERFORM INSTALLATION OF AN/TWQ-1

CONDITIONS(S): Given equipment, site location, mission, commander's intent, and references.

STANDARD(S): Install the AN/TWQ-1 per the reference.

PERFORMANCE STEPS:

1. Adhere to appropriate safety standards.
2. Verify equipment is connected to grounding system.
3. Verify power source.
4. Erect antennas.
5. Install system cabling.
6. Establish connectivity with external agencies.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FMFM 3-36, Guide to Electromagnetic Interference Control
3. TM 9406-15, Grounding Procedures

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TASK: 5912.01.02 (CORE) PERFORM SYSTEM INITIALIZATION OF AN/TWQ-1

CONDITIONS(S): Given equipment, mission, and references.

STANDARD(S): Perform system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Apply power to system.
3. Apply power to primary and ECU/PPU.

MCO 1510.126  
30 OCT 02

4. Load frequencies in radios.
5. Load keying material in COMSEC equipment.
6. Perform operational/BIT check.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5912.01.03 (CORE) SUPERVISE SYSTEM INITIALIZATION OF AN/TWQ-1

CONDITIONS(S): Given personnel, equipment, mission, and references.

STANDARD(S): Supervise proper system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Apply power to system.
3. Apply power to primary and ancillary systems.
4. Load frequencies in radios.
5. Load keying material in COMSEC equipment.
6. Configure Communication Distribution System.
7. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix D to  
ENCLOSURE (6)

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5912.02.01 (CORE) PLAN MACCS COMMUNICATIONS MAINTENANCE SUPPORT

CONDITIONS(S): Given a mission, equipment, personnel, commander's guidance, and references.

STANDARD(S): To ensure organizational maintenance support requirements are met, per the references.

PERFORMANCE STEPS:

1. Review SOPs.
2. Determine unit capabilities.
3. Determine support unit requirements.
4. Determine locations of supported equipment.
5. Determine supply support.
6. Determine maintenance float support.
7. Determine logistical support:
  - a. Fuel.
  - b. Generators.
  - c. Transportation.
8. Determine personnel requirements.
9. Determine Facilities:
  - a. Tents.
  - b. Heating/Cooling/Ventilation.
  - c. Maintenance shelters.
10. Determine security.
11. Draft/review plans:
  - a. Communication
  - b. Maintenance
  - c. Embarkation

MCO 1510.126  
30 OCT 02

- d. Security
- e. Supply/Support

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FMFM 3-30, Communications
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. MCO P5090.2\_, Environmental Compliance and Protection Manual
6. MCWP 5-1, Marine Corps Planning Process
7. MSDS, Material Safety Data Sheets
8. TM 9406-15, Grounding Procedures
9. UNIT SOP, Unit's Standing Operating Procedures
10. UNIT T/E, Table of Equipment
11. UNIT T/O, Table of Organization

Appendix D to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5912.03.01 (CORE) ISOLATE FAULTY AN/TWQ-1 LRU

CONDITIONS(S): Given faulty equipment, TMDE, and references.

STANDARD(S): Isolate faulty LRU per the references.

PERFORMANCE STEPS:

1. Induct into maintenance cycle.
2. Adhere to safety requirements.
3. Adhere to ESD standards.
4. Research applicable technical data.
5. Read schematic diagram.
6. Trace signal path.
7. Isolate faulty LRU.
8. Replace faulty LRU.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5912.03.02 (CORE) REPAIR FAULTY LRU ON THE AN/TWQ-1

CONDITIONS(S): Given equipment, TMDE, and references.

STANDARD(S): Repair faulty LRU per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Research applicable technical data pertaining to faulty equipment.
3. Identify faulty subassembly.
4. Replace faulty subassembly.
5. Perform operational check.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. Turret assembly
  - b. Power distribution system
  - c. Azimuth/elevation drive system
  - d. Optical display/sensor system
  - e. Bore sight/sensor system
  - f. ACE computer system
  - g. IFF and communications system
  - h. MP3 Machine gun
  - i. Standard Vehicle Missile Launcher system
  - j. Ancillary cabling

---

TASK: 5912.03.03 (CORE) PERFORM ALIGNMENTS ON THE AN/TWQ-1

CONDITIONS(S): Given an AN/TWQ-1, tools, references, and TMDE.

STANDARD(S): Perform alignments per the references.

PERFORMANCE STEPS:

1. Perform alignments IAW the references.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCBUL 5600, SERIES

Appendix D to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

3. TM 9999-15/1, ESD Awareness Electro-Static Discharge

Appendix D to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix D to  
ENCLOSURE (6)

MOS 5937, AVIATION RADIO REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5937.01.01 (CORE) INSTALL RADIOS INTO MACCS

CONDITIONS(S): Given equipment and references.

STANDARD(S): Install radios into MACCS per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Install radio in appropriate mount.
3. Cable radio to system.
4. Configure radio for operation.
5. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/VRC-102
  - b. AN/GRC-193
  - c. AN/GRC-171B(V)-4
  - d. SINCGARS
  - e. AN/VRC-83
  - f. AN/PRC-104
  - g. AN/PSC-5
  - h. AN/USC-55

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TASK: 5937.01.02 (CORE PLUS) SUPERVISE THE INSTALLATION OF MACCS AVIATION GROUND

Appendix E to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

ELECTRONICS SYSTEMS

CONDITIONS(S): Given personnel, equipment, references, and a mission.

STANDARD(S): Ensure proper installation of MACCS systems per the references.

PERFORMANCE STEPS:

1. Verify proper grounding procedures.
2. Verify power requirements.
3. Verify antenna installation.
4. Verify remote requirements.
5. Verify COMSEC requirements.
6. Verify proper systems cabling.
7. Verify equipment operational status.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: LCpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. FMFM 3-30, Communications
4. MSDS, Material Safety Data Sheets
5. TM 9406-15, Grounding Procedures
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TWQ-1
  - b. AN/TSQ-207
  - c. AN/UYQ-3A
  - d. AN/MRC-138
  - e. AN/MRC-145
  - f. SINCGARS platforms
  - g. AN/GRC-193

Appendix E to  
ENCLOSURE (6)

- h. AN/GRC-171B(V)-4
- i. AN/VRC-83
- j. AN/VRC-102
- k. SB-3865
- l. SB-3614
- m. AN/GRA-39B
- n. AN/PRC-104B
- o. CFDS
- p. DTDs

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TASK: 5937.01.03 (CORE PLUS) PERFORM SITE SELECTION FOR THE AN/TSQ-207

CONDITIONS(S): Given the AN/TSQ-207, a mission, references, and commander's intent.

STANDARD(S): Perform site selection for AN/TSQ-207 per the references.

PERFORMANCE STEPS:

1. Conduct site survey.
2. Select appropriate site.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FMFM 3-30, Communications

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TASK: 5937.01.04 (CORE) PERFORM INSTALLATION OF AN/TSQ-207

CONDITIONS(S): Given equipment, site location, mission, commander's intent, and references.

STANDARD(S): Install the AN/TSQ-207 per the reference.

PERFORMANCE STEPS:

1. Adhere to appropriate safety standards.
2. Position vehicles in operation and communication sites.

Appendix E to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

3. Verify equipment is connected to grounding system.
4. Verify power source.
5. Erect antennas.
6. Install system cabling.
7. Erect DRASH tent.
8. Place operational equipment and run internal cabling inside of DRASH.
9. Establish connectivity with external agencies.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FMFM 3-36, Guide to Electromagnetic Interference Control
3. TM 9406-15, Grounding Procedures

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TASK: 5937.01.05 (CORE) PERFORM SYSTEM INITIALIZATION OF AN/TSQ-207

CONDITIONS(S): Given equipment, mission, and references.

STANDARD(S): Perform system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Apply power to system.
3. Apply power to primary and ancillary systems.
4. Load frequencies in radios.
5. Load keying material in COMSEC equipment.
6. Configure Communication Distribution System.
7. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix E to  
ENCLOSURE (6)

TASK: 5937.01.06 (CORE) PERFORM CONFIGURATION OF COMMUNICATION DISTRIBUTION SYSTEM (CDS)

CONDITIONS(S): Given equipment, mission, and references.

STANDARD(S): Perform configuration of Communication Distribution System per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Assign directory numbers to individual User Control Devices.
3. Create radio net list.
4. Configure radio ports on Network Access Units.
5. Configure DRT cards for external telephone lines.
6. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5937.01.07 (CORE) PERFORM INSTALLATION OF AN/UYQ-3A FOR AIRBORNE OPERATION

CONDITIONS(S): Given equipment, mission, aircraft, and references.

STANDARD(S): Install AN/UYQ-3A for use in a C-130 per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify aircraft compatibility.
3. Coordinate placement of AN/UYQ-3A in aircraft.
4. Cable AN/UYQ-3A to aircraft.
5. Install HF couplers in aircraft.
6. Verify power connectivity to aircraft.
7. Verify connectivity to aircraft antennas.
8. Perform operational check.

Appendix E to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5937.01.08 (CORE) KEY CRYPTOGRAPHIC SYSTEMS

CONDITIONS(S): Given cryptographic equipment, key material, and references.

STANDARD(S): Key cryptographic systems per the reference.

PERFORMANCE STEPS:

1. Adhere to appropriate security measures.
2. Configure hardware.
3. Verify key material.
4. Load key material.
5. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. KY-99
  - b. KY-58
  - c. KYV-5
  - d. KYK-13
  - e. KOI-18
  - f. AN/CYZ-10
  - g. SINGARS
  - h. PSC-5

Appendix E to  
ENCLOSURE (6)

- i. AN/USC-55
- j. KG-84
- k. KG-194
- l. KY-68

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TASK: 5937.01.09 (CORE) OPERATE CRYPTOGRAPHIC EQUIPMENT

CONDITIONS(S): Given cryptographic equipment and references.

STANDARD(S): Operate cryptographic equipment per the references.

PERFORMANCE STEPS:

- 1. Adhere to security procedures.
- 2. Read applicable operator manuals.
- 3. Verify equipment operation.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

- 1. Applicable Technical Publications/Manuals

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TASK: 5937.01.10 (CORE) ERECT COMMUNICATION ANTENNAS

CONDITIONS(S): Given appropriate equipment and references.

STANDARD(S): Erect antenna IAW the references.

PERFORMANCE STEPS:

- 1. Adhere to appropriate safety requirements.
- 2. Verify site selection.
- 3. Inventory antenna components.
- 4. Erect the antenna.
- 5. Connect antenna to appropriate equipment.
- 6. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals

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TASK: 5937.01.11 (CORE) PROGRAM RADIOS TO WORK IN ANTI-JAM CONFIGURATION

CONDITIONS(S): Given an anti-jam capable radio, appropriate software, and references.

STANDARD(S): Program a radio to operate in anti-jam mode per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Adhere to security procedures.
3. Obtain appropriate keying material.
4. Load radio with keying material.
5. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
    - a. AN/GRC-171B(V)4
    - b. SINGARS
- 

TASK: 5937.01.12 (CORE) SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207

CONDITIONS(S): Given personnel, equipment, mission, and references.

STANDARD(S): Supervise proper system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Apply power to system.
3. Apply power to primary and ancillary systems.

Appendix E to  
ENCLOSURE (6)

4. Load frequencies in radios.
5. Load keying material in COMSEC equipment.
6. Configure Communication Distribution System.
7. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5937.01.13 (CORE) PERFORM OPERATIONAL CHECK OF UNIX BASED SYSTEMS

CONDITIONS(S): Given a Unix based communication system and references.

STANDARD(S): Perform operational check per the references.

PERFORMANCE STEPS:

1. Apply proper verification procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5937.01.14 (CORE) INSTALL MACS REMOTE RADAR LINK

CONDITIONS(S): Given AN/GRC-171B(V)4s, ancillary cabling, frequencies, tools, and references.

STANDARD(S): Establish a remote RADAR link for the TAOC per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Determine operational setting.
3. Assemble necessary equipment.
4. Coordinate connectivity with sections.
5. Configure radios at local and remote site.
6. Determine antenna requirements.

MCO 1510.126  
30 OCT 02

7. Erect antenna.
8. Perform loop back check of remote and local radio sets.
9. Establish link.
10. Perform operational check of link.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5937.01.15 (CORE) CONFIGURE STAND ALONE CDS EQUIPMENT INSIDE OF THE TACC

CONDITIONS(S): Given CDS equipment and references.

STANDARD(S): Configure CDS for operation per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Review mission requirements.
3. Install Network Access Unit power supplies.
4. Install Stand Alone Signal Entry Panel.
5. Connect CDS equipment to stand alone equipment.
6. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5937.01.16 (CORE) INSTALL THE AN/UPS-3

CONDITIONS(S): Given an operational plan, equipment, and references.

STANDARD(S): Verify that the UPS-3 is installed and functioning correctly per the references.

PERFORMANCE STEPS:

1. Verify power source.

Appendix E to  
ENCLOSURE (6)

2. Install antenna.
3. Verify remote capabilities.
4. Verify equipment operation.
5. Perform EMI troubleshooting to include checking for proper grounds, cable connections, power connections, etc.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5937.02.01 (CORE PLUS) PLAN MACCS COMMUNICATIONS MAINTENANCE SUPPORT

CONDITIONS(S): Given a mission, equipment, personnel, commander's guidance, and references.

STANDARD(S): Ensure organizational maintenance support requirements are met per the references.

PERFORMANCE STEPS:

1. Determine unit capabilities.
2. Determine support unit requirements.
3. Determine locations of supported equipment.
4. Determine supply support.
5. Determine maintenance float support.
6. Determine logistical support:
  - a. Fuel.
  - b. Generators.
  - c. Transportation.
7. Determine personnel shortages.
8. Determine facilities:
  - a. Tents.
  - b. Heating/Cooling/Ventilation.
9. Determine security.
10. Draft the plan.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FMFM 3-30, Communications

Appendix E to  
ENCLOSURE (6)

4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. MCO P5090.2\_, Environmental Compliance and Protection Manual
6. MCWP 5-1, Marine Corps Planning Process
7. MSDS, Material Safety Data Sheets
8. TM 9406-15, Grounding Procedures
9. UNIT SOP, Unit's Standing Operating Procedures
10. UNIT T/E, Table of Equipment
11. UNIT T/O, Table of Organization

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5937.03.01 (CORE PLUS) SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): Supervise maintenance of aviation ground electronics systems and equipment per the references.

PERFORMANCE STEPS:

1. Adhere safety requirements.
2. Ensure proper maintenance management procedures are followed.
3. Ensure compliance with standard operating procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. MCBUL 5600, SERIES
4. MCO 4700-15/1, Equipment Record Procedures
5. MCO P4400.150, Consumer Level Supply Policy Manual
6. MCO P4790.2\_, MIMMS Field Procedures Manual
7. MSDS, Material Safety Data Sheets
8. UM 4790-5, MIMMS (AIS) FMSS
9. UNIT SOP, Unit's Standing Operating Procedures
10. UNIT T/E, Table of Equipment
11. UNIT T/O, Table of Organization

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TASK: 5937.03.02 (CORE) ISOLATE A FAULT IN THE AN/TSQ-207 TO AN LRU

CONDITIONS(S): Given a faulty AN/TSQ-207, TMDE, and references.

STANDARD(S): Isolate faulty LRU per the references.

Appendix E to  
ENCLOSURE (6)

PERFORMANCE STEPS:

1. Induct into maintenance cycle.
2. Adhere to safety requirements.
3. Adhere to ESD standards.
4. Research applicable technical data.
5. Read schematic diagram.
6. Trace signal path.
7. Isolate faulty LRU.
8. Replace faulty LRU.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5937.03.03 (CORE) ISOLATE A FAULT IN THE AN/UYQ-3A AIRBORNE MOBILE DASC TO AN LRU

CONDITIONS(S): Given a malfunctioning AN/UYQ-3A, TMDE, and references.

STANDARD(S): Isolate faulty LRU per the reference.

PERFORMANCE STEPS:

1. Induct into maintenance cycle.
2. Adhere to safety requirements.
3. Adhere to ESD standards.
4. Research applicable technical data.
5. Read schematic diagram.
6. Measure circuit performance.
7. Perform alignments as required.
8. Trace signal path.
9. Trace current/voltage path.
10. Identify faulty LRU.

MCO 1510.126  
30 OCT 02

11. Replace faulty LRU.
12. Verify MIs and TIs.
13. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCBUL 5600, SERIES
4. MCO 4700-15/1, Equipment Record Procedures
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge
7. UM 4790-5, MIMMS (AIS) FMSS

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TASK: 5937.03.04 (CORE) PERFORM ALIGNMENTS ON THE AN/GRC-171B(V)4

CONDITIONS(S): Given an AN/GRC-171B(V)4, references, and TMDE.

STANDARD(S): Perform alignments per the references.

PERFORMANCE STEPS:

1. Perform alignment procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCBUL 5600, SERIES
3. TM 9999-15/1, ESD Awareness Electro-Static Discharge

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TASK: 5937.03.05 (CORE) ISOLATE A FAULT IN THE AN/GRC-171B(V)4 TO AN LRU

CONDITIONS(S): Given an AN/GRC-171B(V)4, TMDE, and references.

STANDARD(S): Isolate the faulty LRU per the references.

PERFORMANCE STEPS:

Appendix E to  
ENCLOSURE (6)

1. Induct equipment into maintenance cycle.
2. Adhere to safety requirements.
3. Ensure proper ESD procedures are adhered to.
4. Research applicable technical data pertaining to faulty equipment.
5. Read schematic diagram.
6. Measure circuit performance utilizing proper TMDE.
7. Verify radio is aligned properly.
8. Isolate faulty LRU.
9. Replace faulty LRU.
10. Verify MIs and TIs.
11. Perform maintenance closeout procedures.
12. Requisition appropriate LRU.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. FEDLOG, Federal Logistic Data on Compact Disk
4. MCBUL 5600, SERIES
5. MCO 4700-15/1, Equipment Record Procedures
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge
7. UM 4790-5, MIMMS (AIS) FMSS

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TASK: 5937.03.06 (CORE) PERFORM CORRECTIVE MAINTENANCE ON SINGLE CHANNEL RADIOS TO THE LRU

CONDITIONS(S): Given a malfunctioning equipment, TMDE, tools, and references.

STANDARD(S): Return a faulty single channel radio to fully operational status per the references.

PERFORMANCE STEPS:

Appendix E to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

1. Induct equipment into maintenance cycle.
2. Adhere to safety requirements.
3. Research applicable technical data pertaining to faulty equipment.
4. Measure basic circuit performance.
5. Identify faulty LRU.
6. Replace faulty LRU.
7. Verify MIs and TIs.
8. Perform operational check.
9. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge
6. UM 4790-5, MIMMS (AIS) FMSS

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-104 (MOJT)
  - b. AN/VRC-83
  - c. AN/GRC-193 (MOJT)
  - d. AN/PRC-113 (MOJT)
  - e. SINCGARS (MOJT)
  - f. AN/VRC-102
  - g. AN/PSC-5 (MOJT)
  - h. AN/GRC-242

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Appendix E to  
ENCLOSURE (6)

TASK: 5937.03.07 (CORE) PERFORM CORRECTIVE MAINTENANCE ON THE AN/UPS-3 TO THE LRU

CONDITIONS(S): Given a faulty equipment, tools, TMDE, and references.

STANDARD(S): To return the faulty AN/UPS-3 to a fully operational status per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Read schematic diagrams.
3. Measure basic circuit performance.
4. Trace signal paths.
5. Identify faulty LRU.
6. Remove/Replace faulty LRU.
7. Research authorized Modification and Technical Instructions (MI & TI)

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5937.03.08 (CORE) PERFORM MAINTENANCE ON TACTICAL FIBER OPTIC CABLE

CONDITIONS(S): Given fiber optic cable, TMDE, tools, and references.

STANDARD(S): Maintain a fiber optic cable per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Research applicable technical references.
3. Using TMDE, identify fault.
4. Repair fault.
5. Perform operational check.
6. Perform maintenance close out procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. MSDS, Material Safety Data Sheets

Appendix E to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix E to  
ENCLOSURE (6)

MOS 5939, AVIATION RADIO TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5939.01.01 (CORE) PLAN SYSTEM INTEGRATION OF ORGANIC COMMUNICATIONS/DATA SYSTEMS OF THE MACCS

CONDITIONS(S): Given equipment and the references.

STANDARD(S): Plan the integration per the references.

PERFORMANCE STEPS:

1. Verify mission requirements.
2. Coordinate with outside agencies for system connectivity.
3. Plan integration of systems.
4. Plan performance checks.
5. Provide equipment status to higher headquarters.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual
3. FMFM 3-30, Communications
4. MCWP 5-1, Marine Corps Planning Process
5. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5939.01.02 (CORE PLUS) SUPERVISE INTEGRATION OF ORGANIC TACTICAL DATA SYSTEMS INTO THE MACCS

CONDITIONS(S): Given equipment, personnel, and references.

STANDARD(S): Integrate organic tactical data systems into the MACCS per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify mission requirements.

MCO 1510.126  
30 OCT 02

3. Coordinate with outside agencies for system connectivity.
4. Supervise integration of systems.
5. Supervise performance checks.
6. Provide equipment status to higher headquarters.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual
3. FMFM 3-30, Communications
4. MCO 4700-15/1, Equipment Record Procedures
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. MCWP 5-1, Marine Corps Planning Process
7. MSDS, Material Safety Data Sheets
8. TM 9406-15, Grounding Procedures
9. UNIT SOP, Unit's Standing Operating Procedures

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MAGTF Software Base Line
  - b. Intel Operations Workstations

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TASK: 5939.01.03 (CORE PLUS) COORDINATE THE BUILDING OF NETWORK ARCHITECTURE FOR TACTICAL DATA PROCESSING SYSTEMS

CONDITIONS(S): Given equipment, mission, and references.

STANDARD(S): Coordinate the building of a robust and redundant network architecture per the references.

PERFORMANCE STEPS:

1. Review mission requirements.
2. Determine unit capabilities.

Appendix F to  
ENCLOSURE (6)

3. Coordinate design of network architecture.
4. Identify the purpose of MACCS tactical data links.
5. Build network to operational requirements.
6. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5939.01.04 (CORE PLUS) SUPERVISE INSTALLATION OF RADIOS INTO MACCS COMMUNICATION SYSTEMS

CONDITIONS(S): Given equipment, personnel, and references.

STANDARD(S): Supervise proper installation of radios per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify radio installed in appropriate mount.
3. Verify radio cabled to system.
4. Verify configuration of radio for operation.
5. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/VRC-102
  - b. AN/GRC-193
  - c. AN/GRC-171B(V)-4
  - d. SINCGARS
  - e. AN/VRC-83

MCO 1510.126  
30 OCT 02

- f. AN/PRC-104
- g. AN/PSC-5
- h. AN/USC-55

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TASK: 5939.01.05 (CORE) PERFORM SITE SELECTION FOR MACCS SITE COMMUNICATIONS

CONDITIONS(S): Given the AN/TSQ-207, a mission, references, and commander's intent.

STANDARD(S): Perform site selection for AN/TSQ-207 per the references.

PERFORMANCE STEPS:

1. Conduct site survey
2. Select appropriate site.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5939.01.06 (CORE) SUPERVISE INSTALLATION OF MACCS COMMUNICATIONS SYSTEMS

CONDITIONS(S): Given equipment, personnel, site location, mission, commander's intent, and references.

STANDARD(S): Supervise proper installation of the communications system per the reference.

PERFORMANCE STEPS:

1. Adhere to appropriate safety standards.
2. Position vehicles in operation and communication sites.
3. Verify equipment is connected to grounding system.
4. Verify power source.
5. Verify antennas erected.
6. Verify system cabling.
7. Verify DRASH tent erected.
8. Verify placement of operational equipment and internal cabling of DRASH tent.

Appendix F to  
ENCLOSURE (6)

9. Establish connectivity with external agencies.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. FMFM 3-36, Guide to Electromagnetic Interference Control
  3. TM 9406-15, Grounding Procedures
- 

TASK: 5939.01.07 (CORE) SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207

CONDITIONS(S): Given personnel, equipment, mission, and references.

STANDARD(S): Supervise proper system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify power applied to system.
3. Verify power applied to primary and ancillary systems.
4. Verify frequencies in radios.
5. Verify keying material loaded in COMSEC equipment.
6. Configure Communication Distribution System.
7. Assign directory numbers to individual User Control Devices.
8. Create radio net list.
9. Configure radio ports on Network Access Units.
10. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5939.01.08 (CORE) SUPERVISE INSTALLATION OF AN/UYQ-3A FOR AIRBORNE OPERATION

CONDITIONS(S): Given personnel, equipment, mission, aircraft, and references.

STANDARD(S): Supervise proper installation of the UYQ-3A per the references.

MCO 1510.126  
30 OCT 02

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify aircraft compatibility.
3. Coordinate placement of AN/UYQ-3A in aircraft.
4. Verify cabling of AN/UYQ-3A to aircraft.
5. Verify HF couplers installed in aircraft.
6. Verify power connectivity to aircraft.
7. Verify connectivity to aircraft antennas.
8. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5939.01.09 (CORE) SUPERVISE THE OPERATION OF CRYPTOGRAPHIC EQUIPMENT

CONDITIONS(S): Given personnel, cryptographic equipment, and references.

STANDARD(S): Attain proper operation of cryptographic equipment per the references.

PERFORMANCE STEPS:

1. Adhere to security procedures.
2. Read applicable operator manuals.
3. Verify equipment operation.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S): (NONE)

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TASK: 5939.01.10 (CORE) SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): Attain proper erection of antennas IAW the references.

PERFORMANCE STEPS:

Appendix F to  
ENCLOSURE (6)

1. Adhere to appropriate safety requirements.
2. Verify site selection.
3. Ensure inventory of antenna components.
4. Erect the antenna.
5. Ensure antenna connected to appropriate equipment.
6. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5939.01.11 (CORE) DETERMINE ANTENNA REQUIREMENTS FOR MACCS COMMUNICATIONS

CONDITIONS(S): Given equipment and the references.

STANDARD(S): Determine requirements per the references.

PERFORMANCE STEPS:

1. Identify types of antennas.
2. Understand radio-wave propagation.
3. Identify characteristics of antennas.
4. Identify electromagnetic interference.
5. Identify antenna components.
6. Fabricate antenna substitutes.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ECAC-CR-82-125, HF Predictions Manual
3. ECAC-CR-83-200, Field Antenna Handbook
4. FM 24-18, Communications Techniques
5. MCO 2410.2\_, Electromagnetic Environmental Effects Control
6. OH 3-3F, Guide to Electromagnetic Interference Control Program

MCO 1510.126  
30 OCT 02

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TASK: 5939.01.12 (CORE) SUPERVISE THE PROGRAMMING OF RADIOS TO WORK IN ANTI-JAM MODE OF OPERATION

CONDITIONS(S): Given an anti-jam capable radio, appropriate software, and references.

STANDARD(S): Attain proper operation in anti-jam mode per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Adhere to security procedures.
3. Obtain appropriate keying material.
4. Load radio with keying material.
5. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual

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TASK: 5939.01.13 (CORE PLUS) ESTABLISH COMMUNICATIONS IN AN EW ENVIRONMENT

CONDITIONS(S): Given equipment and the references.

STANDARD(S): Establish communications per the references.

PERFORMANCE STEPS:

1. Verify mission requirements.
2. Coordinate with outside agencies for system connectivity.
3. Adhere to security procedures.
4. Obtain appropriate keying material.
5. Load radio with keying material.
6. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

Appendix F to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual

Appendix F to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix F to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5939.03.01 (CORE) SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): Supervise maintenance of aviation ground electronics systems and equipment per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Ensure proper maintenance management procedures are followed.
3. Ensure compliance with standard operating procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. MCBUL 5600, SERIES
4. MCO 4700-15/1, Equipment Record Procedures
5. MCO P4400.150, Consumer Level Supply Policy Manual
6. MCO P4790.2\_, MIMMS Field Procedures Manual
7. MSDS, Material Safety Data Sheets
8. UM 4790-5, MIMMS (AIS) FMSS
9. UNIT SOP, Unit's Standing Operating Procedures
10. UNIT T/E, Table of Equipment
11. UNIT T/O, Table of Organization

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TASK: 5939.03.02 (CORE) ISOLATE A FAULTY SRU IN MACCS COMMUNICATION EQUIPMENT

CONDITIONS(S): Given a faulty LRU, TMDE, and references.

STANDARD(S): Isolate faulty SRU per the references.

MCO 1510.126  
30 OCT 02

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Adhere to ESD standards.
3. Research applicable technical data.
4. Read schematic diagram.
5. Trace signal path.
6. Isolate faulty SRU.
7. Replace faulty SRU.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/VRC-83
  - b. AN/GRC 193/AN/MRC-138
  - c. SINGARS/AN/MRC-145
  - d. AN/GRC-242
  - e. AN/URC-107(V)9 (JTIDS)
  - f. AN/VRC-102
  - g. AN/TSQ-207
  - h. AN/UYQ-3A
  - i. AN/PSC-5

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TASK: 5939.03.03 (CORE) REPAIR A FAULTY SRU FROM MACCS COMMUNICATION EQUIPMENT

CONDITIONS(S): Given faulty equipment, TMDE, and references.

STANDARD(S): Repair faulty SRU per the references.

PERFORMANCE STEPS:

Appendix F to  
ENCLOSURE (6)

1. Adhere to safety requirements.
2. Research applicable technical data pertaining to faulty equipment.
3. Identify faulty component.
4. Replace faulty component.
5. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/GRC-171B(V)4
  - b. AN/GRC-242
  - c. AN/UPS-3
  - d. AN/VRC-102
  - e. AN/TSQ-207
  - f. AN/UYQ-3A

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TASK: 5939.03.04 (CORE) REPAIR AN/UYQ-3A FAULTY SRU TO THE COMPONENT LEVEL

CONDITIONS(S): Given a faulty SRU, TMDE, and references.

STANDARD(S): Repair faulty SRU per the references.

PERFORMANCE STEPS:

1. Induct faulty SRU into maintenance cycle.
2. Adhere to safety procedures.
3. Adhere to ESD standards.
4. Research applicable technical data.
5. Read schematic diagram.

MCO 1510.126  
30 OCT 02

6. Measure circuit performance.
7. Trace signal path.
8. Trace current/voltage path.
9. Identify faulty component.
10. Requisition replacement parts.
11. Repair faulty SRU.
12. Verify MI's and TI's.
13. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCBUL 5600, SERIES
4. MCO 4700-15/1, Equipment Record Procedures
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge
6. UM 4790-5, MIMMS (AIS) FMSS

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TASK: 5939.03.05 (CORE) PERFORM AN/GRC-171B(V)4 ALIGNMENTS

CONDITIONS(S): Given an AN/GRC-171B(V)4, references, and TMDE.

STANDARD(S): Perform alignments per the references.

PERFORMANCE STEPS:

1. Perform alignments IAW the references.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCBUL 5600, SERIES
3. TM 9999-15/1, ESD Awareness Electro-Static Discharge

Appendix F to  
ENCLOSURE (6)

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TASK: 5939.03.06 (CORE) REPAIR AN/GRC-171B(V)4 FAULTY LRU TO THE COMPONENT LEVEL

CONDITIONS(S): Given a faulty AN/GRC-171B(V)4, TMDE, and references.

STANDARD(S): Repair fault per the references.

PERFORMANCE STEPS:

1. Perform MIMMS administrative procedures.
2. Adhere to safety requirements.
3. Ensure proper ESD procedures are adhered to.
4. Read schematic diagrams.
5. Measure circuit performance utilizing proper TMDE.
6. Trace signal path.
7. Trace current/voltage path.
8. Identify faulty component.
9. Replace faulty component.
10. Verify MI's and TI's.
11. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCBUL 5600, SERIES
4. MCO 4700-15/1, Equipment Record Procedures
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge
7. UM 4790-5, MIMMS (AIS) FMSS

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TASK: 5939.03.07 (CORE) PERFORM CORRECTIVE MAINTENANCE ON GROUND RADIO SYSTEMS TO THE SRU

MCO 1510.126  
30 OCT 02

CONDITIONS(S): Given the equipment, TMDE, tools, and references.

STANDARD(S): Return a faulty ground radio systems to a fully operational status per the references.

PERFORMANCE STEPS:

1. Induct equipment into maintenance cycle.
2. Adhere to safety requirements.
3. Research applicable technical data pertaining to faulty equipment.
4. Measure basic circuit performance.
5. Identify faulty SRU.
6. Replace faulty SRU.
7. Verify MIs and TIs.
8. Perform operational check.
9. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge
6. UM 4790-5, MIMMS (AIS) FMSS

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/GRC-242

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TASK: 5939.03.08 (CORE) PERFORM CORRECTIVE MAINTENANCE ON AN/UPS-3 LRU

CONDITIONS(S): Given a faulty LRU, tools, TMDE, and references.

STANDARD(S): Return faulty LRU to operational status per the reference.

Appendix F to  
ENCLOSURE (6)

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Research applicable technical data pertaining to faulty equipment.
3. Read schematics.
4. Measure circuit performance.
5. Ensure proper handling of static sensitive components.
6. Identify faulty SRU/component.
7. Replace faulty SRU/component.
8. Verify MIs and TIs.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix F to  
ENCLOSURE (6)

MOS 5942, AVIATION RADAR REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5942.01.01 (CORE) PERFORM AVIATION RADAR SYSTEM EMBARKATION PROCEDURES

CONDITIONS(S): Given a MACCS organic aviation RADAR system.

STANDARD(S): Embark RADAR system per the reference.

PERFORMANCE STEPS:

1. Disassemble the RADAR system.
2. Prepare for transportation.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15 (MOJT)

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TASK: 5942.01.02 (CORE) SETUP AVIATION RADAR SYSTEMS

CONDITIONS(S): Given a MACCS organic aviation RADAR system and a suitable site.

STANDARD(S): Create an emplaced RADAR system ready for pre-operational checks per the references.

PERFORMANCE STEPS:

1. Prepare site.
2. Unpack RADAR.
3. Assemble RADAR antenna.

MCO 1510.126  
30 OCT 02

4. Connect system cabling.
5. Verify proper power input.
6. Verify installation of Environmental Control Units

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15 (MOJT)

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TASK: 5942.01.03 (CORE) PERFORM PRE-OPERATIONAL CHECKS ON AVIATION RADAR SYSTEMS

CONDITIONS(S): Given an assembled RADAR.

STANDARD(S): Make RADAR system ready for operations per the references.

PERFORMANCE STEPS:

1. Energize equipment.
2. Perform system leveling.
3. Perform system north alignment.
4. Determine geographic position of antenna.
5. Verify system parameters.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59

Appendix G to  
ENCLOSURE (6)

- b. AN/TPS-63
- c. AN/MPQ-62 (MOJT)
- d. SET 15 (MOJT)

---

TASK: 5942.01.04 (CORE) OPERATE AN AVIATION RADAR SYSTEM

CONDITIONS(S): Given an energized aviation RADAR system.

STANDARD(S): Operate a RADAR system per the references.

PERFORMANCE STEPS:

- 1. Configure RADAR for operational environment.
- 2. Bring to an operational state.
- 3. Verify proper RADAR performance characteristics.
- 4. Verify external interface.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

- 1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

- 1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15 (MOJT)

---

TASK: 5942.01.05 (CORE) EXECUTE RADAR SAFETY REQUIREMENTS

CONDITIONS(S): Given an aviation RADAR system and associated equipment in a field or garrison environment.

STANDARD(S): Create safe working conditions per the reference.

PERFORMANCE STEPS:

- 1. Ensure proper grounding of RADAR equipment.

MCO 1510.126  
30 OCT 02

2. Indicate when hearing protection is required within the RADAR.
3. Identify and correct electrical and/or mechanical RADAR hazards.
4. Utilize MSDS.
5. Use ESD precautions.
6. Implement safety equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15

---

TASK: 5942.01.06 (CORE) IDENTIFY THE USE OF CRYPTOGRAPHIC DEVICES WITHIN RADAR SYSTEMS

CONDITIONS(S): Given an aviation RADAR system and associated equipment in a field or garrison environment.

STANDARD(S): Provide secure communication per the reference.

PERFORMANCE STEPS:

1. Identify equipment used for secure voice communications.
2. Identify equipment used for secure data communications.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. KIT-1C

Appendix G to  
ENCLOSURE (6)

- b. KIR-1C
- c. KY-58
- d. HYP/HYP-57
- e. KY-68
- f. CYZ-10
- g. KYK-13
- h. KOI-18

---

TASK: 5942.01.07 (CORE) INSTALL CRYPTOGRAPHIC DEVICES

CONDITIONS(S): Given an aviation RADAR system and associated equipment.

STANDARD(S): Install cryptographic equipment in a RADAR system per the reference.

PERFORMANCE STEPS:

1. Draw equipment from CMS/EKMS manager.
2. Insert equipment into mounting bracket.
3. Connect associated cables.
4. Load crypto fill device
5. Key the equipment.
6. Verify fill.
7. Perform operational check.
8. Secure equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. KIT-1C
  - b. KIR-1C

MCO 1510.126  
30 OCT 02

- c. KY-58
- d. HXX/HYP-57
- e. KY-68

---

TASK: 5942.01.08 (CORE PLUS) ERECT COMMUNICATION ANTENNAS

CONDITIONS(S): Given RADAR communications equipment.

STANDARD(S): Erect communications antennas per the reference.

PERFORMANCE STEPS:

1. Unpack antenna.
2. Inventory antenna components.
3. Verify serviceability.
4. Stake down antenna mast.
5. Connect appropriate cables.
6. Assemble antenna.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5942.01.09 (CORE PLUS) OPERATE MOBILE ELECTRIC POWER GENERATING EQUIPMENT

CONDITIONS(S): Given a mobile power source.

STANDARD(S): Ensuring the required power is available per the reference.

PERFORMANCE STEPS:

1. Perform pre-operational checks.
2. Verify connections of aviation RADAR system.
3. Energize equipment.
4. Apply load.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

Appendix G to  
ENCLOSURE (6)

1. Applicable Technical Publications/Manuals

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TASK: 5942.01.10 (CORE) DESCRIBE MACCS OPERATIONS

CONDITIONS(S): Given a list of organizations contained in a Marine Air Control Group.

STANDARD(S): Describing the interrelationship of the organizations per the reference.

PERFORMANCE STEPS:

1. Explain the relationship between the MACS and other units contained within the Marine Air Control Group.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. UNIT SOP, Unit's Standing Operating Procedures
- 

TASK: 5942.01.11 (CORE) OPERATE TEST EQUIPMENT

CONDITIONS(S): Given test measurement and data equipment.

STANDARD(S): Give precise measurements per the reference.

PERFORMANCE STEPS:

1. Set up test equipment.
2. Connect test equipment.
3. Take a measurement.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/USM 646
  - b. OSCILLOSCOPE
  - c. AN/UPM-155
  - d. AN/TPS-59 AETU

MCO 1510.126  
30 OCT 02

- e. POWER METER
- f. SPECTRUM ANALYZER
- g. WAVE METER
- h. PARCS 2000
- i. LOGIC ANALYZER
- j. GROUND TESTER
- k. AMP TESTER
- l. FREQUENCY COUNTER
- m. SIGNAL GENERATOR
- n. FREQUENCY SYNTHESIZER
- o. M2 AIMING CIRCLE
- p. TETS

---

TASK: 5942.01.12 (CORE) INSTALL IFF EQUIPMENT

CONDITIONS(S): Given associated IFF equipment and a RADAR system.

STANDARD(S): Prepare for operation per the reference.

PERFORMANCE STEPS:

- 1. Configure IFF equipment.
- 2. Mount equipment in rack.
- 3. Connect associated cables.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

- 1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

- 1. This task includes but is not limited to the following items:
  - a. AN/UPA-60
  - b. AN/UPX-27

Appendix G to  
ENCLOSURE (6)

- c. AN/UPA-61
- d. AN/GPA-123A
- e. OMNI ANTENNA
- f. AN/UPA-22
- g. AN/TPS-63
- h. AN/TPS-59(V)3

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TASK: 5942.01.13 (CORE) OPERATE IFF EQUIPMENT

CONDITIONS(S): Given associated IFF sub-assemblies and a RADAR system.

STANDARD(S): Provide a RADAR system with optimum IFF per the reference.

PERFORMANCE STEPS:

- 1. Energize equipment.
- 2. Verify operation.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

- 1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

- 1. This task includes but is not limited to the following items:
  - a. AN/UPA-60
  - b. AN/UPX-27
  - c. AN/UPA-61

---

TASK: 5942.01.14 (CORE PLUS) ESTABLISH REMOTE RADAR LINKS

CONDITIONS(S): Given a RADAR system, radio equipment, and an AN/TYQ-23.

STANDARD(S): Provide optimum RADAR data per the reference.

PERFORMANCE STEPS:

- 1. Connect radios.
- 2. Establish remote link.

MCO 1510.126  
30 OCT 02

3. Verify remote operation at terminal location.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5942.01.15 (CORE PLUS) TRANSPORT AN AVIATION RADAR SYSTEM

CONDITIONS(S): Given an embarked MACCS organic aviation RADAR system.

STANDARD(S): Relocate an embarked RADAR system to a new site per the references.

PERFORMANCE STEPS:

1. Verify loading of equipment.
2. Assist off-loading the RADAR system.
3. Emplace RADAR on selected site.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15

Appendix G to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix G to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5942.03.01 (CORE) PERFORM CORRECTIVE MAINTENANCE ON AVIATION RADAR SYSTEM TO THE LRU

CONDITIONS(S): Given an inoperative aviation RADAR system.

STANDARD(S): Return system to fully operational status per the reference.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Research applicable technical data pertaining to faulty equipment.
3. Read schematic diagrams.
4. Ensure proper handling of ESD components.
5. Measure basic circuit performance.
6. Trace signal paths.
7. Trace current/voltage paths.
8. Identify faulty subassembly(s).
9. Remove/replace faulty subassembly(s) as required.
10. Research authorized modification and technical instructions.
11. Perform maintenance closeout procedures and ensure quality assurance checks.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59 (Antenna to the SRU)
  - b. AN/TPS-63
  - c. SET 15 (MOJT)

---

Appendix G to  
ENCLOSURE (6)

TASK: 5942.03.02 (CORE) PERFORM ALIGNMENT PROCEDURES

CONDITIONS(S): Given an operational aviation RADAR system, test equipment, and tools.

STANDARD(S): Ensure proper alignment per the reference.

PERFORMANCE STEPS:

1. Connect test equipment.
2. Prepare equipment for alignment.
3. Perform alignment.
4. Perform operational checks.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15 (MOJT)

---

TASK: 5942.03.03 (CORE) PERFORM CORRECTIVE MAINTENANCE ON IFF EQUIPMENT TO THE LRU

CONDITIONS(S): Given inoperative IFF equipment, tools, and test equipment.

STANDARD(S): Return equipment to fully operational status per the reference.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Research applicable technical data pertaining to faulty equipment.
3. Read schematic diagrams.
4. Ensure proper handling of ESD components.
5. Measure basic circuit performance.

MCO 1510.126  
30 OCT 02

6. Perform alignments.
7. Trace signal paths.
8. Trace current/voltage paths.
9. Identify faulty subassembly(s).
10. Remove/replace faulty subassembly(s) as required.
11. Research authorized modification and technical instructions.
12. Perform maintenance closeout procedures and ensure quality assurance checks.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task applies to the following items:
  - a. AN/UPX-27 (to the component level)
  - b. AN/GPA-123A
  - c. OMNI ANTENNA
  - d. AN/UPA-22

Appendix G to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix G to  
ENCLOSURE (6)

MOS 5948, AVIATION RADAR TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5948.01.01 (CORE) SUPERVISE THE EMPLACEMENT OF AVIATION RADAR SYSTEMS

CONDITIONS(S): Given an aviation RADAR system and a crew of repairmen.

STANDARD(S): Emplace the system correctly and safely per the reference.

PERFORMANCE STEPS:

1. Verify safety procedures are followed.
2. Verify site is clear.
3. Position equipment.
4. Ensure equipment is anchored.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15

---

TASK: 5948.01.02 (CORE) SUPERVISE THE INSTALLATION OF AVIATION RADAR SYSTEMS AND ANCILLARY EQUIPMENT

CONDITIONS(S): Given an aviation RADAR system and a crew of repairmen.

STANDARD(S): Ensure the system is installed correctly and safely per the reference.

PERFORMANCE STEPS:

1. Ensure safety procedures are followed.

MCO 1510.126  
30 OCT 02

2. Ensure equipment is unpacked correctly.
3. Supervise the assembly of the RADAR system.
4. Verify pre-operational checks.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15
  - e. AN/UFA-60
  - f. AN/UPX-27
  - g. AN/UFA-61
  - h. PARCS 2000
  - i. AN/PSN-11

---

TASK: 5948.01.03 (CORE) COORDINATE AVIATION RADAR SYSTEM EMBARKATION

CONDITIONS(S): Given a MACCS organic aviation RADAR system.

STANDARD(S): The system is embarked per the reference.

PERFORMANCE STEPS:

1. Supervise packing of equipment.
2. Supervise loading of equipment.
3. Supervise off-loading of equipment.
4. Prepare equipment density list (EDL).
5. Verify tactical markings.
6. Prepare basic operating material list (BOM).

Appendix H to  
ENCLOSURE (6)

7. Prepare personnel roster.
8. Prepare float requirement.
9. Verify packing lists.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15
  - e. AN/UPA-60
  - f. AN/UPX-27
  - g. AN/UPA-61
  - h. PARCS 2000
  - i. AN/PSN-11

---

TASK: 5948.01.04 (CORE) DETERMINE THE OPERATIONAL PERFORMANCE OF RADAR SYSTEMS/ANCILLARY EQUIPMENT

CONDITIONS(S): Given an operational aviation RADAR system with ancillary equipment.

STANDARD(S): Provide optimal performance per the reference.

PERFORMANCE STEPS:

1. Verify operational requirements.
2. Run performance monitoring checks.
3. Evaluate performance monitoring results.
4. Ensure proper alignment.
5. Verify proper RADAR performance characteristics.

Appendix H to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15 (MOJT)
  - e. AN/UPA-60
  - f. AN/UPX-27 (MOJT)

---

TASK: 5948.01.05 (CORE) VERIFY AN OPERATIONAL INTERFACE BETWEEN AVIATION RADAR SYSTEMS AND EXTERNAL SYSTEMS

CONDITIONS(S): Given an operational aviation RADAR system and external systems.

STANDARD(S): Verify the interface per the reference.

PERFORMANCE STEPS:

1. Ensure RADAR is operational.
2. Ensure connection to external interfaces exists.
3. Verify proper RADAR output to external system.
4. Verify data at external system.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63

Appendix H to  
ENCLOSURE (6)

- c. AN/MPQ-62
- d. SET 15
- e. AN/UPA-60
- f. AN/UPX-27

---

TASK: 5948.01.06 (CORE) PERFORM SITE SURVEY

CONDITIONS(S): Given the required tools and equipment.

STANDARD(S): Correctly survey the site per the reference.

PERFORMANCE STEPS:

1. Obtain location of site.
2. Develop site survey data.
3. Determine RADAR coverage.
4. Determine logistical requirements to emplace equipment.
5. Identify electromagnetic hazard areas.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. AN/UPX-27

---

TASK: 5948.01.07 (CORE) CONFIGURE AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT TO RESPOND TO OPERATIONAL ENVIRONMENT

CONDITIONS(S): Given an operational aviation RADAR system.

STANDARD(S): Configure the system per the references.

MCO 1510.126  
30 OCT 02

PERFORMANCE STEPS:

1. Review mission requirements.
2. Review equipment to be used.
3. Determine optimal RADAR configuration.
4. Locate power requirements in technical manuals.
5. Determine appropriate power source.
6. Configure RADAR for optimal performance.
7. Utilize ECCM features.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. AN/UPA-60
  - e. AN/UPX-27 (MOJT)
  - f. Radar Environmental Simulator (MOJT)
  - g. PARCS 2000
  - h. AN/PSN-11

Appendix H to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix H to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5948.03.01 (CORE) SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT

CONDITIONS(S): Given an aviation RADAR system/ancillary equipment and a crew of Repairmen.

STANDARD(S): The maintenance is correctly and safely performed per the reference.

PERFORMANCE STEPS:

1. Ensure adherence to safety procedures.
2. Develop quality assurance program.
3. Exercise quality control.
4. Ensure all maintenance efforts are properly documented.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15
  - e. AN/UPA-60
  - f. AN/UPX-27
  - g. AN/UPA-61

---

TASK: 5948.03.02 (CORE) SUPERVISE PREVENTIVE MAINTENANCE (PM) ON AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT

CONDITIONS(S): Given an aviation RADAR system with ancillary equipment and a crew of repairmen.

Appendix H to  
ENCLOSURE (6)

STANDARD(S): Ensure proper PM per the reference.

PERFORMANCE STEPS:

1. Determine PM requirements.
2. Create/maintain PM schedules.
3. Ensure adequate PM materials are on hand.
4. Inspect PM on equipment.
5. Ensure all maintenance efforts are properly documented.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15
  - e. AN/UPA-60
  - f. AN/UPX-27
  - g. AN/UPA-61

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TASK: 5948.03.03 (CORE) ISOLATE DEFECTIVE COMPONENTS ON FAULTY SUBASSEMBLIES

CONDITIONS(S): Given an inoperative subassembly, tools, test equipment, and the reference.

STANDARD(S): Correctly identify the faulty component per the reference.

PERFORMANCE STEPS:

1. Ensure adequate ESD procedures are followed.
2. Obtain faulty subassembly.
3. Troubleshoot the subassembly to a component level.

MCO 1510.126  
30 OCT 02

4. Determine corrective action (repair/WIR).
5. Ensure all maintenance efforts are properly documented.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62 (MOJT)
  - d. SET 15 (MOJT)
  - e. AN/UPA-60 (To the LRU level)
  - f. AN/UPA-61 (MOJT)

---

TASK: 5948.03.04 (CORE) REPLACE DEFECTIVE COMPONENTS ON FAULTY SUBASSEMBLIES

CONDITIONS(S): Given an inoperative subassembly, tools, and test equipment.

STANDARD(S): Accurately and safely replace components per the reference.

PERFORMANCE STEPS:

1. Ensure proper ESD procedures are followed.
2. Ensure proper safety precautions are taken.
3. Remove/replace component.
4. Inspect repaired subassembly.
5. Perform operational check on subassembly.
6. Ensure all maintenance efforts are properly documented.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix H to  
ENCLOSURE (6)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. SET 15
  - e. AN/UPA-60
  - f. AN/UPX-27
  - g. AN/UPA-61

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TASK: 5948.03.05 (CORE) PERFORM CORRECTIVE MAINTENANCE ON AVIATION RADAR SYSTEMS TO THE COMPONENT LEVEL

CONDITIONS(S): Given an inoperative RADAR system.

STANDARD(S): Return the RADAR to full operational status per the reference.

PERFORMANCE STEPS:

1. Perform corrective maintenance on the system.
2. Provide instruction to repairmen on the steps required to effect this repair.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59
  - b. AN/TPS-63
  - c. AN/MPQ-62
  - d. AN/UPA-60
  - e. AN/UPA-61

MCO 1510.126  
30 OCT 02

TASK: 5948.03.06 (CORE) PERFORM AVIATION RADAR SYSTEM UNIX MAINTENANCE FUNCTIONS

CONDITIONS(S): Given a UNIX based RADAR operating system.

STANDARD(S): Perform UNIX functions per the reference.

PERFORMANCE STEPS:

1. Troubleshoot software/hardware problems.
2. Identify system performance.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-59(V)3
  - b. RADAR Environmental Simulator

Appendix H to  
ENCLOSURE (6)

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5948.04.01 (CORE) SUPERVISE SAFETY/HAZMAT PROCEDURES

CONDITIONS(S): Given an aviation RADAR system and a crew of repairmen.

STANDARD(S): Provide a safe work place per the reference.

PERFORMANCE STEPS:

1. Ensure proper classification of hazardous material.
2. Ensure disposal of hazardous materials.
3. Ensure proper storage of hazardous materials.
4. Review material safety data sheets.
5. Ensure posting of material safety data sheets.
6. Follow all safety/hazmat administrative procedures.
7. Visually inspect area.
8. Provide training to subordinates.
9. Perform HERPS survey.
10. Identify radar electromagnetic safe distances.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MOS 5950, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5950.01.01 (CORE PLUS) DEPLOY THE MARINE AIR TRAFFIC CONTROL AND LANDING SYSTEM

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Deploy equipment and personnel to meet mission requirements stated in the concept of employment.

PERFORMANCE STEPS:

1. Determine equipment requirements and develop and Equipment Density List (EDL).
2. Determine personnel requirements.
3. Conduct mission essential training.
4. Develop EDL and submit load plans.
5. Request the Consolidated Support Package from MALS.
6. Request MHE support.
7. Request Guard Shift for unit PLAD.
8. Submit frequency request.
9. Determine physical security requirements.
10. Determine CMS/CMCC requirements.
11. Develop or determine logistics support procedures.
12. Conduct a site survey.
13. Develop and use a pre-deployment checklist.
14. Determine administrative requirements.
15. Adhere to safety requirements.
16. Adhere to HAZMAT procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CURRENT FISCAL BUDGET FOR BASE/POST/STATION
3. Operational Plan

MCO 1510.126  
30 OCT 02

4. Pre-Deployment Checklist
5. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

ADMINISTRATIVE INSTRUCTIONS:

1. These steps need not be performed in order.

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TASK: 5950.01.02 (CORE PLUS) CONDUCT A PRE-DEPLOYMENT INSPECTION

CONDITIONS(S): Given a mission, commander's intent, equipment, personnel, and references.

STANDARD(S): Conduct a pre-deployment inspection per the references.

PERFORMANCE STEPS:

1. Conduct a pre-deployment inspection of a maintenance section.
2. Initiate actions required to correct deficiencies.
3. Conduct follow-up inspection as necessary.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CWO2

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Pre-Deployment Checklist

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TASK: 5950.01.03 (CORE PLUS) ADVISE COMMANDER OF THE CAPABILITIES OF THE AIR TRAFFIC CONTROL SYSTEMS

CONDITIONS(S): Given an operational scenario and references.

STANDARD(S): Provide accurate, timely, and sound advice to the commander on the capabilities and limitations of the Air Traffic Control System to facilitate successful mission accomplishment per the references.

PERFORMANCE STEPS:

1. Review characteristics of Air Traffic Control Systems.
2. Review concept of employment.
3. Conduct a site survey of the proposed site.
4. Analyze and comply with HERO/HERP reports.

Appendix I to  
ENCLOSURE (6)

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CWO2

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5950.01.04 (CORE PLUS) PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER IN DEVELOPING THE UNIT'S COMMUNICATION PLAN

CONDITIONS(S): Given the operational scenario and references.

STANDARD(S): Brief the commander on matters that pertain to the development of the ANNEX K as it applies to the operation.

PERFORMANCE STEPS:

1. Analyze and review concept of operation.
2. Review communication equipment characteristics.
3. Review operational task link.
4. Review data link requirements.
5. Advise the commander.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CWO2

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. Operational Plan
- 

TASK: 5950.01.05 (CORE PLUS) BRIEF THE COMMANDER ON THE OPERATIONAL READINESS OF AIR TRAFFIC CONTROL SYSTEMS AND PERSONNEL

CONDITIONS(S): Given maintenance reports, commander's guidance, and references.

STANDARD(S): Brief the commander per the references.

PERFORMANCE STEPS:

1. Review readiness / maintenance management reports.
2. Review personnel readiness reports.
3. Evaluate supply support.
4. Brief commander.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CWO2

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

Appendix I to  
ENCLOSURE (6)

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5950.02.01 (CORE PLUS) DEVELOP STANDARD OPERATING PROCEDURES (SOP) FOR AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE

CONDITIONS(S): Given a mission statement, unit T/O, unit T/E, and references.

STANDARD(S): Establish an SOP per the references.

PERFORMANCE STEPS:

1. Analyze mission, directives, policy guidance, and references.
2. Considerations for inclusion:
  - a. Safety procedures.
  - b. Maintenance procedures.
  - c. Individual Training Standards.
  - d. Security (physical, transmission, emission, cryptographic, COMSEC).
  - e. Command and control.
  - f. Operational procedures.
  - g. Embarkation procedures.
  - h. Reports (administrative/operational).
  - i. Emergency Action Plan (EAP).
  - j. Destructive weather plan.
  - k. Rear Area Security plan.
3. Publish SOP.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CWO2

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FLIGHT CHECK CERTIFICATION MANUAL
4. OGRE Checklist
5. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
6. CMS-21A, COMSEC Material System Policy & Procedures Manual

MCO 1510.126  
30 OCT 02

7. FEDLOG, Federal Logistic Data on Compact Disk
8. MAFIA, Maintenance Action Form In Access
9. NAVAIR 00-80T-114, ATC FACILITIES MANUAL
10. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
11. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
12. NAVSUP PUB 600, Naval Supply Publications CD-ROM
13. NAVSUPPUB P-485, Afloat Supply Procedures
14. NWP 10-1-10/NWP 1-03.1, Operational Reports/Equipment Casualty Reporting-Chapter 4
15. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
16. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
17. S-70-8003C, Navy Trng Plan
18. SKED, Planned Maintenance Scheduler
19. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

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TASK: 5950.02.02 (CORE PLUS) PROVIDE UNIT BUDGET INPUT

CONDITIONS(S): Given maintenance history, current budget, Commander's Intent and Training Exercise Execution Plan (TEEP).

STANDARD(S): Meet the Command's requirements for budget submission.

PERFORMANCE STEPS:

1. Review past equipment failures/expenditures.
2. Review TEEP.
3. Review Commander's Intent.
4. Estimate future expenses.
5. Submit.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. CURRENT FISCAL BUDGET FOR BASE/POST/STATION

Appendix I to  
ENCLOSURE (6)

2. Comptrollers Directives
  3. MAFIA, Maintenance Action Form In Access
- 

TASK: 5950.02.03 (CORE PLUS) RECOMMEND CHANGES TO THE ALLOWANCE LIST

CONDITIONS(S): Given a T/O mission statement, an allowance list, and references.

STANDARD(S): Conduct a review of the allowance list and advise the commander of recommended changes per the references.

PERFORMANCE STEPS:

1. Review T/O mission statement.
2. Review current allowance list.
3. Make recommendations to allowance list.
4. Advise commander of recommended changes.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. UNIT T/O, Table of Organization

ADMINISTRATIVE INSTRUCTIONS:

1. Applicable to 5950's serving as Detachment ATC Maintenance Officer.

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5950.03.01 (CORE PLUS) DIRECT AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE

CONDITIONS(S): Given a maintenance shop, required personnel, equipment, and references.

STANDARD(S): Maintain a C-2 Combat Readiness Level.

PERFORMANCE STEPS:

1. Determine maintenance capabilities.
2. Evaluate available personnel.
3. Evaluate available equipment.
4. Analyze workload.
5. Establish maintenance priorities.
6. Inspect completed maintenance actions.
7. Assign corrective actions, as required.
8. Update turnover folder.
9. Conduct training.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
3. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
5. UNIT SOP, Unit's Standing Operating Procedures
6. UNIT T/E, Table of Equipment
7. UNIT T/O, Table of Organization

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TASK: 5950.03.02 (CORE) DIRECT MARINE AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE SUPPORT PROGRAMS

CONDITIONS(S): Given a maintenance section and references.

Appendix I to  
ENCLOSURE (6)

STANDARD(S): Direct maintenance support programs per the references.

PERFORMANCE STEPS:

1. Attend Maintenance Management Systems Analysis.
2. Direct the following programs:
  - a. Calibration/TMDE.
  - b. Publications.
  - c. Quality Control.
  - d. Modification Control.
  - e. Tool Control.
  - f. Pre-expended bin.
  - g. Maintenance Administration.
  - h. Maintenance Management.
  - i. Maintenance Data System.
  - j. Maintain COSAL.
  - k. Supply.
  - l. Planned Maintenance.
  - m. Safety.
  - n. HAZMAT.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
4. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
5. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
6. S-70-8003C, navy trng plan
7. SKED, Planned Maintenance Scheduler

MCO 1510.126  
30 OCT 02

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TASK: 5950.03.03 (CORE PLUS) SUPERVISE MAINTENANCE PERSONNEL IN THE PERFORMANCE OF THEIR DUTIES

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): Supervise maintenance personnel in the performance of their duties in accordance with the references.

PERFORMANCE STEPS:

1. Review and ensure compliance with MOS individual training standards.
2. Review Maintenance Management reports for accuracy.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. OGRE Checklist
  2. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
  3. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
- 

TASK: 5950.03.04 (CORE PLUS) MONITOR MAINTENANCE MANAGEMENT PROGRAM

CONDITIONS(S): Given references.

STANDARD(S): Monitor Maintenance Management Program in accordance with the references.

PERFORMANCE STEPS:

1. Review applicable directives pertaining to local Maintenance Management Program.
2. Verify local Maintenance Management program complies with applicable directives.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. Comptrollers Directives
2. OGRE Checklist
3. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
5. SKED, Planned Maintenance Scheduler

Appendix I to  
ENCLOSURE (6)

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TASK: 5950.03.05 (CORE PLUS) CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION

CONDITIONS(S): Given an electronic maintenance facility, personnel, equipment, directives, and references.

STANDARD(S): Inspect the maintenance administration per applicable references.

PERFORMANCE STEPS:

1. Schedule inspection.
2. Conduct inspection.
3. Initiate action required to correct deficiencies.
4. Initiate follow-up inspection as necessary.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. Higher Headquarters Directives
2. Maintenance Contracts
3. OGRE Checklist
4. MCO 4790.1\_, Marine Corps Integrated Maintenance Management System (MIMMS) Manual
5. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
6. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

TASK: 5950.04.01 (CORE PLUS) MANAGE A CONSOLIDATED MEMORANDUM RECEIPT (CMR) ACCOUNT

CONDITIONS(S): Given a consolidated memorandum receipt.

STANDARD(S): Manage a consolidated memorandum receipt as per the references.

PERFORMANCE STEPS:

1. Conduct inventory.
2. Identify discrepancies.
3. Correct discrepancies.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
2. MCO P4400.150, Consumer Level Supply Policy Manual

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TASK: 5950.04.02 (CORE PLUS) DETERMINE EQUIPMENT READINESS USING MAINTENANCE DATA SYSTEMS

CONDITIONS(S): Given current version of maintenance data system software.

STANDARD(S): Per reference determine equipment readiness.

PERFORMANCE STEPS:

1. Generate a MAF report.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: CW02

REFERENCE(S):

1. MAFIA, Maintenance Action Form In Access

Appendix I to  
ENCLOSURE (6)

MOS 5952, AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

Employ Navigational Aids Equipment.

TASK: 5952.01.01 (CORE PLUS) CONDUCT A SITE SURVEY FOR NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate references, tools, materials, and a location.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Identify possible locations.
2. Survey each location accounting for terrain features.
3. Identify primary and alternate locations.
4. Identify additional logistics and support requirements.
5. Provide site survey information to operations department.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.01.02 (CORE PLUS) SUPERVISE THE EMBARKATION OF NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Assign personnel.
2. Brief personnel on mission.

MCO 1510.126  
30 OCT 02

3. Supervise the embarkation of equipment according to Pre-deployment checklist.
4. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Pre-Deployment Checklist
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
4. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
5. MPS, Load Plan
6. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
7. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - AN/TRN-44
  - AN/TPN-30A
  - MEP-531A

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TASK: 5952.01.03 (CORE PLUS) EMBARK NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, tools, and equipment.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify operational status of equipment.
2. Disassemble equipment.
3. Pack equipment.
4. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

Appendix J to  
ENCLOSURE (6)

1. 48A-NO01, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
2. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
3. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
4. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
5. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A
  - c. MEP-531A

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TASK: 5952.01.04 (CORE PLUS) SUPERVISE THE EMPLOYMENT OF NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate references, equipment, personnel, and a suitable location.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Supervise the debarkation of equipment.
2. Supervise assembly of equipment.
3. Verify operational status of equipment.
4. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NO01, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
4. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST

MCO 1510.126  
30 OCT 02

5. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
6. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.01.05 (CORE PLUS) EMPLOY NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate references, tools, materials, and a location.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Debark equipment.
2. Assemble equipment.
3. Complete operational checklist.
4. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST

Appendix J to  
ENCLOSURE (6)

11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
13. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
14. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
15. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.01.06 (CORE PLUS) SUPERVISE THE OPERATION OF NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Assign duties and responsibilities to personnel.
2. Brief personnel on standing operating procedures.
3. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
5. EE172-AB-OMI-021, NAVIGATIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
6. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
7. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
8. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
9. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION &

Appendix J to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

MAINTENANCE W/ PARTS LIST

10. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
11. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
14. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
15. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.01.07 (CORE) OPERATE NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate references, tools, and materials.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Perform startup procedures.
2. Verify operational status.
3. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
5. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
6. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6

Appendix J to  
ENCLOSURE (6)

7. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
8. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
9. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
10. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
11. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
14. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.01.08 (CORE PLUS) SUPERVISE THE INSTALLATION AND OPERATION OF MOBILE ELECTRICAL POWER GENERATING EQUIPMENT

CONDITIONS(S): Given appropriate references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Assign duties and responsibilities to personnel.
2. Brief personnel on standard operating procedures.
3. Verify the operational status of equipment.
4. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
2. TM 09244A/09245A-10/1, OPERATORS MANUAL 7/93 (MEP806A)
3. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

MCO 1510.126  
30 OCT 02

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MEP-806A
  - b. MEP-531A

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TASK: 5952.01.09 (CORE PLUS) OPERATE MOBILE ELECTRICAL POWER GENERATING EQUIPMENT

CONDITIONS(S): Given appropriate references, tools, and materials.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Perform startup procedures.
2. Verify operational status.
3. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
2. TM 09244A/09245A-10/1, OPERATORS MANUAL 7/93 (MEP806A)
3. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MEP-806A
  - b. MEP-531A

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TASK: 5952.01.10 (CORE PLUS) PERFORM AS A MEMBER OF A MARINE MOBILE TEAM (MMT)

CONDITIONS(S): Given applicable references and equipment.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Set up Navigational Aids equipment.

Appendix J to  
ENCLOSURE (6)

2. Perform other duties as directed by the MMT leader.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. MARINE MOBILE TEAM (MMT) STANDARD OPERATING PROCEDURES MANUAL
2. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
3. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
4. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
5. MCO 3500.19B, TRAINING AND READINESS MANUAL VOL V, AVIATION SUPPORT

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TASK: 5952.01.11 (CORE PLUS) CONDUCT FEDERAL AVIATION ADMINISTRATION (FAA) FLIGHT CERTIFICATION OF NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify operational status.
2. Maintain proper communications with aircraft.
3. Change operating modes and make other adjustments as directed by FAA.
4. File flight check report.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
3. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following item:
  - a. AN/TRN-44

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5952.02.01 (CORE PLUS) GENERATE PLANNED MAINTENANCE FOR NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate material and references.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Review current Force Revisions.
2. Implement Force Revision.
3. Verify accuracy of Force Revision.
4. Add local maintenance actions as required.
5. Generate appropriate schedules.
6. Forward schedules for approval.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT

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TASK: 5952.02.02 (CORE PLUS) SUPERVISE THE PLANNED MAINTENANCE FOR NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given appropriate materials and references.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Ensure materials are available to perform planned maintenance.
2. Assign maintenance responsibilities.
3. Verify completion of maintenance requirements.
4. Conduct periodic spot checks.
5. Update SKED program.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

Appendix J to  
ENCLOSURE (6)

1. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
2. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT

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TASK: 5952.02.03 (CORE PLUS) DEVELOP CORRECTIVE MAINTENANCE PLANNING FOR NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Ensure Materials are available to perform the corrective action.
2. Assign personnel
3. Coordinate maintenance actions with operations.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. DESKTOP PROCEDURES

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5952.03.01 (CORE PLUS) SUPERVISE CORRECTIVE MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify inoperative status of equipment.
2. Monitor troubleshooting procedures.
3. Monitor removal and replacement of defective lowest repairable unit (LRU).
4. Verify operational status.
5. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 14203-O130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
4. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
5. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
6. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
7. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
8. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
9. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
10. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
11. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
12. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
13. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
14. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1

Appendix J to  
ENCLOSURE (6)

15. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
16. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
17. MSDS, Material Safety Data Sheets
18. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.03.02 (CORE) PERFORM CORRECTIVE MAINTENANCE ON NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, tools, materials, and test equipment.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Identify inoperative equipment.
2. Troubleshoot inoperative equipment to the lowest repairable unit (LRU).
3. Remove and replace defective component/module.
4. Verify operational status.
5. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
6. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
7. EE172-AB-OMI-021, NAVIGATIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
8. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6

Appendix J to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

9. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
10. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
11. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
12. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
13. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
14. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
15. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
16. MSDS, Material Safety Data Sheets
17. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.03.03 (CORE PLUS) SUPERVISE PLANNED MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Monitor the performance of planned maintenance.
2. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. MSDS, Material Safety Data Sheets
2. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
3. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT

ADMINISTRATIVE INSTRUCTIONS:

Appendix J to  
ENCLOSURE (6)

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.03.04 (CORE) PERFORM PLANNED MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, materials, tools, and test equipment.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Identify maintenance requirement.
2. Verify Maintenance Requirement Card with Maintenance Index Page.
3. Thoroughly read Maintenance Requirement Card and ask questions.
4. Collect all required materials, tools, and test equipment.
5. Perform maintenance requirement.
6. Annotate completion of maintenance requirement on weekly schedule.
7. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Maintenance Requirement Card
2. MSDS, Material Safety Data Sheets
3. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A

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TASK: 5952.03.05 (CORE PLUS) SUPERVISE CORRECTIVE MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

Appendix J to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify inoperative status of equipment.
2. Monitor troubleshooting procedures.
3. Monitor removal and replacement of defective parts.
4. Verify operational status.
5. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. MSDS, Material Safety Data Sheets
2. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
3. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MEP-531A

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TASK: 5952.03.06 (CORE PLUS) PERFORM CORRECTIVE MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT

CONDITIONS(S): Given applicable references, materials, tool, and test equipment.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Identify inoperative equipment.
2. Troubleshoot equipment down to defective part.
3. Remove and replace defective part.
4. Verify operational status.
5. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

Appendix J to  
ENCLOSURE (6)

REFERENCE(S):

1. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
2. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MEP-531A

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TASK: 5952.03.07 (CORE PLUS) SUPERVISE PLANNED MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT

CONDITIONS(S): Given applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Monitor the performance of planned maintenance.
2. Ensure compliance with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
2. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MEP-531A

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TASK: 5952.03.08 (CORE PLUS) PERFORM PLANNED MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT

CONDITIONS(S): Given applicable references, materials, tools, and test equipment.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Identify maintenance requirement.

MCO 1510.126  
30 OCT 02

2. Verify the Maintenance Requirement Card with Maintenance Index Page.
3. Thoroughly read Maintenance Requirement Card and ask questions.
4. Collect all required materials, tools, and test equipment.
5. Perform maintenance requirement.
6. Annotate completion of maintenance requirement on weekly schedule.
7. Comply with appropriate safety precautions.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Maintenance Requirement Card
2. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. MEP-531A

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TASK: 5952.03.09 (CORE PLUS) SUPERVISE ALIGNMENTS AND ADJUSTMENTS ON NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given the applicable references, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Ensure compliance with appropriate safety precautions.
2. Verify operational status of equipment.
3. Monitor performance of alignments or adjustments.
4. Verify operational status of equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES

Appendix J to  
ENCLOSURE (6)

4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
6. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
7. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
8. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
9. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
10. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
11. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
12. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
13. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
14. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
15. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
16. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A
  - c. MEP-531A

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TASK: 5952.03.10 (CORE) ALIGN AND ADJUST NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given the applicable references, materials, tools, and test equipment.

STANDARD(S): Per applicable reference.

PERFORMANCE STEPS:

1. Comply with appropriate safety precautions.
2. Identify inoperative equipment.
3. Perform alignments or adjustments.

Appendix J to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

4. Verify operational status.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. AE-TACAN-ALT-000, ALIGNMENT & TROUBLESHOOTING PROCEDURES
4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
6. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
7. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
8. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
9. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
10. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
11. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
12. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
13. EE216-BC-OMI-010, TRANSMITTING SET AIRCRAFT APPROACH CONTROL VOL 1
14. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
15. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
16. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TRN-44
  - b. AN/TPN-30A
  - c. MEP-531A

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TASK: 5952.03.11 (CORE PLUS) SUPERVISE OPERATION OF TEST EQUIPMENT

CONDITIONS(S): Given applicable references and personnel.

Appendix J to  
ENCLOSURE (6)

STANDARD(S): Per the applicable references.

PERFORMANCE STEPS:

1. Ensure compliance with appropriate safety precautions.
2. Monitor operation of test equipment.
3. Determine operator's proficiency.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. OPERATORS MANUAL FOR FREQUENCY COUNTER
2. OPERATORS MANUAL FOR HUNTRON TRACKER
3. OPERATORS MANUAL FOR MULTIMETER
4. OPERATORS MANUAL FOR SIGNAL GENERATOR
5. OPERATORS MANUAL FOR SPECTRUM ANALYZER
6. OSCILLOSCOPE OPERATORS MANUAL

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. Oscilloscope
  - b. Multimeter
  - c. Huntron Tracker
  - d. Spectrum Analyzer
  - e. Frequency Counter
  - f. Signal Generator

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

TASK: 5952.04.01 (CORE PLUS) SUPERVISE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references, hazardous materials, and personnel.

STANDARD(S): Per applicable reference.

PERFORMANCE STEPS:

1. Ensure compliance with applicable safety precautions.
2. Monitor the procedures in using, handling, and disposal of hazardous materials.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. MSDS, Material Safety Data Sheets
2. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATIVE INSTRUCTIONS: Applicable hazardous materials.

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TASK: 5952.04.02 (CORE) DEMONSTRATE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO NAVIGATIONAL AIDS EQUIPMENT

CONDITIONS(S): Given applicable references and hazardous material.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Comply with applicable safety precautions.
2. Read applicable Material Safety Data Sheet.
3. Use hazardous material.
4. Handle hazardous material.
5. Dispose of hazardous material.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. MSDS, Material Safety Data Sheets
2. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

Appendix J to  
ENCLOSURE (6)

ADMINISTRATIVE INSTRUCTIONS: Applicable hazardous materials

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TASK: 5952.04.03 (CORE PLUS) INVENTORY EQUIPMENT

CONDITIONS(S): Given a Consolidate Memorandum Receipt (CMR).

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Obtain CMR.
2. Locate equipment and verify serial numbers listed on CMR.
3. Return completed CMR to Maintenance Chief.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
2. DESKTOP PROCEDURES

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
    - a. Navigational Aids Equipment
    - b. Test Equipment
    - c. Tools
- 

TASK: 5952.04.04 (CORE PLUS) SUPERVISE THE GENERATION OF A MANUAL MAINTENANCE ACTION FORM (MAF)

CONDITIONS(S): Given applicable reference and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify all data is correct.
2. File generated MAF in opened MAF file.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. 14203-O130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. FEDLOG, Federal Logistic Data on Compact Disk
15. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
16. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
17. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
18. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.05 (CORE) GENERATE A MANUAL MAINTENANCE ACTION FORM (MAF)

CONDITIONS(S): Given applicable references, materials, and data.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Notify work center supervisor of equipment status.
2. Obtain Job Sequence Number.
3. Complete applicable sections of Manual MAF.

Appendix J to  
ENCLOSURE (6)

4. Forward Manual MAF to work center supervisor.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
2. 48A-NO01, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. FEDLOG, Federal Logistic Data on Compact Disk
15. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
16. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
17. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.06 (CORE PLUS) SUPERVISE THE UPDATING OF A MANUAL MAF

CONDITIONS(S): Given applicable references, materials, data, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify applicable sections are updated.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
15. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

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TASK: 5952.04.07 (CORE) UPDATE A MANUAL MAF

CONDITIONS(S): Given applicable references, materials, and data.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Update applicable sections of Manual MAF.
2. Forward Manual MAF to work center supervisor.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN

Appendix J to  
ENCLOSURE (6)

2. 14203-O130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. FEDLOG, Federal Logistic Data on Compact Disk
15. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
16. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
17. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
18. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.08 (CORE PLUS) VERIFY COMPLETION OF MANUAL MAF

CONDITIONS(S): Given applicable reference and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Verify completion and correctness of applicable sections of Manual MAF.
2. Forward copy of completed Manual MAF to Maintenance Chief.
3. File completed Manual MAF in Closed MAF file.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

MCO 1510.126  
30 OCT 02

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 14203-O130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. FEDLOG, Federal Logistic Data on Compact Disk
15. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
16. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
17. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
18. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.09 (CORE) COMPLETE A MANUAL MAF

CONDITIONS(S): Given applicable references, materials, and data.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Complete applicable sections of Manual MAF.
2. Forward completed Manual MAF to work center supervisor.

Appendix J to  
ENCLOSURE (6)

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
6. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
7. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
8. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
9. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
10. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
11. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
12. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
13. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
14. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
15. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
16. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
17. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
18. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.10 (CORE PLUS) GENERATE AN AUTOMATED MAF

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Enter MAF data in MAF program.

MCO 1510.126  
30 OCT 02

2. Print copy of MAF.
3. Forward MAF to Maintenance Chief.
4. File copy of MAF in Open MAF file.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
4. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
5. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
6. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
7. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
8. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
9. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
10. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
11. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
12. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
13. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
14. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
15. FEDLOG, Federal Logistic Data on Compact Disk
16. MAFIA, Maintenance Action Form In Access
17. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
18. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
19. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
20. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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Appendix J to  
ENCLOSURE (6)

TASK: 5952.04.11 (CORE PLUS) UPDATE AN AUTOMATED MAF

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Enter new data in applicable sections of MAF program.
2. Print copy of updated MAF.
3. Forward copy of MAF to Maintenance Chief.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. FEDLOG, Federal Logistic Data on Compact Disk
15. MAFIA, Maintenance Action Form In Access
16. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
17. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
18. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

MCO 1510.126  
30 OCT 02

19. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE  
(MEP-531A)

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TASK: 5952.04.12 (CORE PLUS) COMPLETE AN AUTOMATED MAF

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Enter data in MAF program.
2. Print a copy of MAF.
3. Forward MAF to Maintenance Chief.
4. File MAF in Completed MAF file.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
6. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
7. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
8. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
9. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
10. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
11. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
12. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
13. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOING/REPAIR VOL 2 PART 2
14. FEDLOG, Federal Logistic Data on Compact Disk

Appendix J to  
ENCLOSURE (6)

15. MAFIA, Maintenance Action Form In Access
16. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
17. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
18. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
19. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.13 (CORE PLUS) RECONCILE OPEN MAFS

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Coordinate with Maintenance Chief.
2. Compare work center's Open MAF file with Maintenance Chief's Open MAF file.
3. Correct discrepancies in MAF program.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. DESKTOP PROCEDURES
2. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
3. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
4. 48A-NO01, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
5. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
6. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
7. EE172-AB-OMI-010, NAVIGATIONAL SET O & MI VOL 1 CHAP 1,2,3, &8
8. EE172-AB-OMI-021, NAVIAGTIONAL SET O & MI VOL II PART 1 CHAP 1,2,3
9. EE172-AB-OMI-022, NAVIGATIONAL SET O & MI VOL II CHAP 4-6
10. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
11. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
12. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION &

Appendix J to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

MAINTENANCE W/ PARTS LIST

13. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
14. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
15. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
16. FEDLOG, Federal Logistic Data on Compact Disk
17. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
18. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
19. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
20. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.14 (CORE PLUS) GENERATE A MAF REPORT

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Determine required report.
2. Generate MAF report in MAF program.
3. Print MAF report.
4. Forward MAF report to Maintenance Chief.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. DESKTOP PROCEDURES
2. MAFIA, Maintenance Action Form In Access

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TASK: 5952.04.15 (CORE PLUS) SUPERVISE THE REQUISITION OF ITEMS THROUGH NAVY SUPPLY SYSTEM

CONDITIONS(S): Given applicable references, materials, software, and personnel.

STANDARD(S): Per applicable references.

Appendix J to  
ENCLOSURE (6)

PERFORMANCE STEPS:

1. Verify applicable sections of requisition form.
2. Forward supply requisition form to Maintenance Chief.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. DESKTOP PROCEDURES
2. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
3. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
4. 48A-NOO1, TACTICAL TOWER MODEL 73000 TACAN ANTENNA OE-258/URN
5. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
6. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
7. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
8. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
9. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
10. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
11. FEDLOG, Federal Logistic Data on Compact Disk
12. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
13. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
14. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
15. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.16 (CORE) COMPLETE A SUPPLY REQUISITION FORM

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Identify parts information.
2. Research part information using FED Log and COSAL.

MCO 1510.126  
30 OCT 02

3. Complete supply requisition form.
4. Forward supply requisition form to work center supervisor.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. 0967-LP-626-9010, TACAN ANTENNA GROUP OE-258, A & B/URN
2. 14203-O130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
3. C-8534, C-8534/TRA-45 TM OMI CONTROL INDICATOR
4. EE003-BF-OMI-010, ELECTRONIC MODULE REPAIR GROUP, OA-9144/TSM-170
5. EE172-AB-OMI-030, NAVIGATIONAL SET O & MI VOL III CHAP 7
6. EE172-FB-OMI-010, MONITOR, RADIO FREQUENCY ID-2289/URN
7. EE172-GB-OMI-010, INDICATOR ID-2230/TRN-44 OMI
8. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
9. EE216-BC-OMI-022, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 2
10. FEDLOG, Federal Logistic Data on Compact Disk
11. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
12. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
13. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
14. TM 9-6115-673-13 & P, OPERATORS UNIT AND DIRECT SUPPORT MAINTENANCE (MEP-531A)

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TASK: 5952.04.17 (CORE PLUS) MAINTAIN PUBLICATIONS LIBRARY

CONDITIONS(S): Given applicable references, materials, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Assign personnel.
2. Issue inventory checklist.
3. Verify accuracy of completed inventory checklist.

Appendix J to  
ENCLOSURE (6)

4. File publications inventory.
5. Recommend publications changes.
6. Incorporate TM changes.
7. Submit a TM deficiency and evaluation report.
8. Maintain current MSDS.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. DESKTOP PROCEDURES
  2. NAVSUP PUB 600, Naval Supply Publications CD-ROM
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TASK: 5952.04.18 (CORE PLUS) COMPLETE PUBLICATIONS INVENTORY

CONDITIONS(S): Given applicable references, materials, and publications.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Obtain publications inventory checklist.
2. Locate applicable publications.
3. Complete publications inventory.
4. Forward publications inventory to work center supervisor.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. DESKTOP PROCEDURES
- 

TASK: 5952.04.19 (CORE PLUS) SUBMIT DEFICIENCY REPORTS

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Complete applicable deficiency form.
2. Forward deficiency report to Maintenance Chief.

MCO 1510.126  
30 OCT 02

3. File copy of deficiency report.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
2. NAVSUPPUB P-485, Afloat Supply Procedures

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
    - a. Quality Deficiency Report
    - b. Record of Discrepancy
- 

TASK: 5952.04.20 (CORE PLUS) SUBMIT A FEEDBACK REPORT

CONDITIONS(S): Given applicable references, materials, and software.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Complete applicable feedback form.
2. Forward feedback form to Maintenance Chief.
3. File a copy of feedback form.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
2. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
3. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
4. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. COSAL FEEDBACK REPORT.
  - b. TECHNICAL FEEDBACK REPORT.

Appendix J to  
ENCLOSURE (6)

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TASK: 5952.04.21 (CORE PLUS) MAINTAIN CARDIOPULMONARY RESUSCITATION (CPR) CERTIFICATION

CONDITIONS(S): Given applicable references, materials, and instructor.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Obtain certified instructor.
2. Complete re-certification course.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

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TASK: 5952.04.22 (CORE PLUS) ADMINISTER TECHNICAL TRAINING PROGRAM

CONDITIONS(S): Given applicable references, materials, equipment, and personnel.

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Assign personnel to conduct training.
2. Supervise training procedures.
3. Record completion of training.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO P1500.40\_, Marine Corps Training Philosophy and Requirements
3. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5952.04.23 (CORE PLUS) CONDUCT TECHNICAL TRAINING

CONDITIONS(S): Given applicable references, material, equipment, and personnel.

MCO 1510.126  
30 OCT 02

STANDARD(S): Per applicable references.

PERFORMANCE STEPS:

1. Research topic.
2. Develop lesson plan.
3. Give instruction.
4. Submit class roster to work center supervisor.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO P1500.40\_, Marine Corps Training Philosophy and Requirements
3. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

Appendix J to  
ENCLOSURE (6)

MOS 5953, AIR TRAFFIC CONTROL RADAR TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5953.01.01 (CORE PLUS) SUPERVISE ACTIVITIES IN THE SITING AND SURVEYING OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per applicable technical publications.

PERFORMANCE STEPS:

1. Analyze mission/operational plan.
2. Determine site location.
3. Supervise the survey of location.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.02 (CORE PLUS) SUPERVISE ACTIVITIES IN THE INSTALLATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

MCO 1510.126  
30 OCT 02

1. Supervise site preparation.
2. Monitor unpacking of RADAR systems.
3. Verify proper assembly of RADAR systems.
4. Verify proper connection of system cabling.
5. Verify proper input power.
6. Verify installation of Environmental Control Units.
7. Verify proper RADAR alignments.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.03 (CORE PLUS) SUPERVISE ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publications.

PERFORMANCE STEPS:

1. Verify system software load.
2. Verify proper operation of the Air Traffic Control RADAR Systems.

Appendix K to  
ENCLOSURE (6)

3. Ensure proper liaison with the appropriate Air Traffic Controllers for receipt of equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: LCpl

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EE250-BC-OMI-010, GENERAL INFO AND OPERATIONS AN/UYQ-34(V)2 CHAPTERS 1-3
5. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170
6. SE610-AV-MMO-010, DATA PROCESSING SET AN/UYK-20(V);PERATIONS AND MAINTENANCE
7. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.04 (CORE) PERFORM SITE SURVEY OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

1. Review mission/operational plan.
2. Assist in determining site location.
3. Survey site location.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.05 (CORE PLUS) PERFORM INSTALLATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

1. Prepare site.
2. Unpack RADAR systems.
3. Assemble RADAR systems.
4. Connect system cabling.
5. Ensure proper input power.
6. Ensure installation of Environmental Control Units.
7. Ensure proper RADAR alignments.
8. Assist heavy equipment and transportation operators with the unloading of the Air Traffic Control RADAR Systems.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1

Appendix K to  
ENCLOSURE (6)

2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.06 (CORE) PERFORM OPERATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

1. Load system software.
2. Operate Air Traffic Control RADAR Systems.
3. Conduct turnover procedures with Air Traffic Controllers for receipt of equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EE250-BC-OMI-010, GENERAL INFO AND OPERATIONS AN/UYQ-34(V)2 CHAPTERS 1-3
5. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170
6. SE610-AV-MMO-010, DATA PROCESSING SET AN/UYK-20(V);PERATIONS AND MAINTENANCE
7. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1

Appendix K to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.07 (CORE PLUS) SUPERVISE ACTIVITIES IN THE EMBARKATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

1. Determine requirements for embarkation materials, boxes, strapping, etc.
2. Inspect tactical marking of Air Traffic Control RADAR Systems.
3. Inspect packing and embark list upon completion.
4. Inspect weather/water proofing of Air Traffic Control RADAR Systems.
5. Determine special lifting/handling requirements for Air Traffic Control RADAR Systems and support equipment.
6. Determine special security requirements for Air Traffic Control RADAR Systems.
7. Coordinate with heavy equipment and transportation assets.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170
5. SE610-AV-MMO-010, DATA PROCESSING SET AN/UYK-20(V);PERATIONS AND MAINTENANCE
6. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1

Appendix K to  
ENCLOSURE (6)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.08 (CORE PLUS) PERFORM EMBARKATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

1. Collect embarkation materials, boxes, strapping, etc.
2. Apply tactical markings on all Air Traffic Control RADAR Systems.
3. Pack up all Air Traffic Control RADAR Systems and support equipment.
4. Perform weather/water proofing of Air Traffic Control RADAR Systems.
5. Assist in the determination of special lifting/handling requirements for Air Traffic Control RADAR Systems and support equipment.
6. Assist in the determination of special security requirements for Air Traffic Control RADAR Systems.
7. Assist heavy equipment and transportation operators with the loading of the Air Traffic Control RADAR Systems.
8. Generate embarkation/pack out list.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
3. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
4. EG000-AA-OMI-010, REPAIR GROUP , RADAR EQUIPMENT OA-9143/TSM-170

Appendix K to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

5. SE610-AV-MMO-010, DATA PROCESSING SET AN/UYK-20(V);PERATIONS AND MAINTENANCE
6. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPS-73
  - b. AN/TPN-22
  - c. AN/TSQ-131
  - d. AN/TSM-170

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TASK: 5953.01.09 (CORE PLUS) SUPERVISE A FLIGHT CHECK

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

1. Flight check ASR.
2. Flight check PAR.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. FLIGHT CHECK CERTIFICATION MANUAL

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPN-22
  - b. AN/TPS-73

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TASK: 5953.01.10 (CORE PLUS) CONDUCT A FLIGHT CHECK

CONDITIONS(S): Given a location, the appropriate references, materials, and equipment.

STANDARD(S): As per the applicable technical publication.

PERFORMANCE STEPS:

Appendix K to  
ENCLOSURE (6)

1. Flight Check ASR.
2. Flight Check PAR.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. FLIGHT CHECK CERTIFICATION MANUAL

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TPN-22
  - b. AN/TPS-73

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5953.02.01 (CORE) GENERATE PLANNED MAINTENANCE SCHEDULES

CONDITIONS(S): Given the appropriate references and materials.

STANDARD(S): In accordance with applicable Navy PMS guidelines.

PERFORMANCE STEPS:

1. Obtain the current version of the Semi-Annual Force Revision.
2. Organize PMS scheduling.
3. Generate PMS schedule.
4. Post PMS schedule.
5. Ensure all Planned Maintenance materials are available to include test equipment, tools, publications, SPMIG etc.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5953.02.02 (CORE PLUS) ESTABLISH CORRECTIVE MAINTENANCE PROCEDURES

CONDITIONS(S): Given the appropriate reference and materials.

STANDARD(S): In accordance with applicable publications and technical manuals.

PERFORMANCE STEPS:

1. Generate Desk Top Procedures for conducting Corrective Maintenance.
2. Ensure all Corrective Maintenance materials are available to include test equipment, tools, publications etc.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

Appendix K to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5953.03.01 (CORE) PERFORM PREVENTIVE MAINTENANCE ON THE AN/UYQ-34(V)2

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Clean AN/UYQ-34(V)2.
2. Inspect AN/UYQ-34(V)2.
3. Perform corrosion control.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE250-BC-OMI-010, GENERAL INFO AND OPERATONS AN/UYQ-34(V)2 CHAPTERS 1-3
- 

TASK: 5953.03.02 (CORE) PERFORM OPERABILITY CHECKS ON THE AN/UYQ-34(V)2

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Perform power on procedures.
2. Verify basic mode operations.
3. Perform system software load procedures.
4. Verify full operational mode.
5. Verify proper operation of graphics tablet.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE250-BC-OMI-010, GENERAL INFO AND OPERATONS AN/UYQ-34(V)2 CHAPTERS 1-3
- 

TASK: 5953.03.03 (CORE) PERFORM ALIGNMENTS AND ADJUSTMENTS ON THE AN/UYQ-34(V)2

MCO 1510.126  
30 OCT 02

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Perform MTU alignments.
2. Perform purity adjustments.
3. Perform CRT brightness adjustments.
4. Perform course convergence adjustments.
5. Perform dynamic convergence adjustments.
6. Perform TSA calibration.
7. Perform ASR video gain alignment.
8. Verify proper setting of PAR video gain switch settings.
9. Perform long test.
10. Perform subsystem confidence testing.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE250-BC-OMI-010, GENERAL INFO AND OPERATIONS AN/UYQ-34(V)2 CHAPTERS 1-3
- 

TASK: 5953.03.04 (CORE) TROUBLESHOOT THE AN/UYQ-34(V)2

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Isolate faulty components on the AN/UYQ-34(V)2.
2. Isolate faults in the AN/UYK-51(V).
3. Isolate faults in the AN/UYQ-35(V).
4. Isolate faulty Magnetic Tape Units.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

Appendix K to  
ENCLOSURE (6)

1. EE250-BC-OMI-010, GENERAL INFO AND OPERATONS AN/UYQ-34(V)2 CHAPTERS 1-3
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TASK: 5953.03.05 (CORE PLUS) REPAIR/REPLACE COMPONENTS OF THE AN/UYQ-34(V)2

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Repair/replace faulty components in the AN/UYQ-34(V)2.
2. Repair/replace faulty components in the AN/UYK-51(V).
3. Repair/replace faulty components in the AN/UYQ-35(V).
4. Repair/replace faulty components in Magnetic Tape Units.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE250-BC-OMI-010, GENERAL INFO AND OPERATONS AN/UYQ-34(V)2 CHAPTERS 1-3
- 

TASK: 5953.03.06 (CORE) PERFORM PREVENTIVE MAINTENANCE ON THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Clean the AN/TPS-73.
2. Inspect the AN/TPS-73.
3. Lubricate the AN/TPS-73.
4. Perform corrosion control on the AN/TPS-73.
5. Check ASR transmitter HPA BIT/BITE operation.
6. Check Shelter leveling.
7. Check guy wire tension.
8. Check antenna polarizer to reflector alignment.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
- 

TASK: 5953.03.07 (CORE) PERFORM OPERABILITY CHECKS ON THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Demonstrate proficiency in turn-on and operation.
2. Perform start-up procedures.
3. Perform shutdown procedures.
4. Observe daily system performance.
5. Demonstrate emergency operation/emergency turn-off procedures.
6. Install/load and verify operation of the TSEC/KIR-1C.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
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TASK: 5953.03.08 (CORE) MEASURE SYSTEM PARAMETERS OF THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Measure minimum discernible signal.
2. Measure ASR transmitter pulse width.
3. Measure ASR transmitter power output.
4. Measure ASR transmitter spectrum.
5. Measure SSR transmitter power output.

Appendix K to  
ENCLOSURE (6)

6. Measure SSR transmitter power output pulse width.
7. Measure SSR P1, P2 and P3 pulse spacing.
8. Measure SSR receiver sensitivity.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
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TASK: 5953.03.09 (CORE) CHECK SYSTEM PARAMETERS OF THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Check antenna tilt angle.
2. Verify ASR transmitter frequencies for fixed frequency mode.
3. Verify proper ASR transmitter frequencies are inhibited.
4. Check ASR frequency agility mode.
5. Verify RDP procs are set at default or site parameters.
6. Verify BDP procs are set at default or site parameters.
7. Verify SSR interrogation PRT.
8. Verify SSR transmitter power levels settings.
9. Verify ATER procs are set at default or site parameters.
10. Check SSR transmitter blanking maps.
11. Check beacon video to RADAR video correlation.
12. Verify alignment to north.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
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MCO 1510.126  
30 OCT 02

TASK: 5953.03.10 (CORE) PERFORM ALIGNMENTS AND ADJUSTMENTS ON THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP's

PERFORMANCE STEPS:

1. Perform alignment to north using the BTS.
2. Perform alignment to north without the BTS.
3. Perform A/D converter offset, gain and bite adjustment.
4. Perform antenna rotation speed adjustment.
5. Perform encoder to encoder alignment with the beacon test set.
6. Perform channel "A" and "B" AGC drive offset and gain adjustments.
7. Perform channel "A" and "B" normal video adjustments.
8. Perform AFS A/D converter voltage reference and noise adjustments.
9. Perform LPA alignments.
10. Perform IPA alignments.
11. Perform transmitter RF phase balancing.
12. Perform transmitter RF input power calibration.
13. Perform transmitter RF (forward) output power calibration.
14. Perform transmitter RF (reflected) output power calibration.
15. Perform noise floor adjustment and AGC threshold adjustment.
16. Perform SSR gain adjustment of receiver sum and delta channels.
17. Perform SSR sum and delta channels phase equalization.
18. Perform SSR AGC correction and loop closing circuits.
19. Perform SSR alignment of phase detector bite.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1

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Appendix K to  
ENCLOSURE (6)

TASK: 5953.03.11 (CORE) TROUBLESHOOT THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Isolate faults in the receiver.
2. Isolate faults in the transmitter.
3. Isolate faults in the power distribution unit.
4. Isolate faults in the REC.
5. Isolate faults in the BER.
6. Isolate faults in the ATER.
7. Isolate faults in the DMCU.
8. Isolate faults in the antenna.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
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TASK: 5953.03.12 (CORE PLUS) REPAIR/REPLACE COMPONENTS OF THE AN/TPS-73

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Repair/replace faulty components in the receiver.
2. Repair/replace faulty components in the transmitter.
3. Repair/replace faulty components in the power distribution unit.
4. Repair/replace faulty components in the REC.
5. Repair/replace faulty components in the BER.
6. Repair/replace faulty components in the ATER.

MCO 1510.126  
30 OCT 02

7. Repair/replace faulty components in the antenna.
8. Repair/replace faulty components in the DMCU.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
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TASK: 5953.03.13 (CORE) PERFORM PREVENTIVE MAINTENANCE ON THE AN/TPN-22

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Clean the AN/TPN-22.
2. Inspect the AN/TPN-22.
3. Lubricate the AN/TPN-22.
4. Perform corrosion control on the AN/TPN-22.
5. Test digital processor performance.
6. Test transmitter performance.
7. Check antenna orientation and level.
8. Align transmitter trigger.
9. Check transmitter drive frequency and power.
10. Check transmitter final power output.
11. Test receiver sensitivity.
12. Check sensitivity time control.
13. Test receiver noise.
14. Inspect RADAR video levels.
15. Check GAGC performance.
16. Test system auto and manual mode.
17. Check unit power supply output voltages.

Appendix K to  
ENCLOSURE (6)

18. Test and align inverse current fault set point.
19. Align vac-ion voltage threshold.
20. Align RF performance monitor sidelobe threshold.
21. Align temperature compensation circuit.
22. Test Air pressurizer-dehumidifier performance.
23. Test temperature alarm performance.
24. Align linear A/D.
25. Align COHO/VCXO.
26. Test and align TWT voltage and average current sense.
27. Test and align PFN and TWT over voltage sense circuit.
28. Test and align power supply over voltage 2 sense circuit.
29. Align TWT filament current.
30. Test detected RF monitor performance.
31. Align receiver gain, STC and GAGC.
32. Align RF Generator.
33. Perform diagnostics on the AN/UYK-20.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE216-AC-0MI-010, OMI AN/TPN-22 VOL 1

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TASK: 5953.03.14 (CORE) PERFORM OPERABILITY CHECKS ON THE AN/TPN-22

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Demonstrate proficiency in turn-on and operation.
2. Perform tape load initialization for the PAR program and the operational software for the AN/UYQ-34(V)2.
3. Check system bite lights.

Appendix K to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

4. Perform operability checks of the RCASP and LCASP.
5. Perform operational checks on the AN/UYK-20.
6. Observe system performance.
7. Demonstrate emergency operation/emergency turn-off procedures.
8. Perform daily shut down procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE216-AC-0MI-010, OMI AN/TPN-22 VOL 1
- 

TASK: 5953.03.15 (CORE) TROUBLESHOOT THE AN/TPN-22

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Isolate faults in the transmitter.
2. Isolate faults in the receiver.
3. Isolate faults in the SPDP.
4. Isolate faults in the Antenna.
5. Isolate faults in the AN/UYK-20.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE216-AC-0MI-010, OMI AN/TPN-22 VOL 1
- 

TASK: 5953.03.16 (CORE PLUS) REPAIR AND REPLACE COMPONENTS IN THE AN/TPN-22

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

Appendix K to  
ENCLOSURE (6)

1. Repair and replace components in the transmitter.
2. Repair and replace components in the receiver.
3. Repair and replace components in the antenna.
4. Repair and replace components in the SPDP.
5. Repair and replace components in the AN/UYP-20.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE216-AC-0MI-010, OMI AN/TPN-22 VOL 1
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TASK: 5953.03.17 (CORE) PERFORM PREVENTIVE MAINTENANCE ON THE AN/USH-26

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Clean the AN/USH-26.
2. Inspect the AN/USH-26.
3. Lubricate the AN/USH-26.
4. Perform corrosion control on the AN/USH-26.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1
- 

TASK: 5953.03.18 (CORE) PERFORM OPERABILITY CHECKS ON THE AN/USH-26

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Demonstrate proficiency in the turn-on and operation of the AN/USH-26.
2. Perform AN/USH-26 control circuits test (off line).

MCO 1510.126  
30 OCT 02

3. Perform read/write test utilizing the AN/USH-26.
4. Perform read/write test utilizing the AN/UYQ-34(V).

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1
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TASK: 5953.03.19 (CORE) PERFORM ALIGNMENTS AND ADJUSTMENTS ON THE AN/USH-26

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Adjust power supply voltages.
2. Adjust tape drive belt tension.
3. Adjust preamp gain.
4. Adjust servo/data board and tape drive assembly.
5. Adjust tape mark sensor.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1
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TASK: 5953.03.20 (CORE PLUS) TROUBLESHOOT AND REPAIR THE AN/USH-26

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications and MIP.

PERFORMANCE STEPS:

1. Isolate faulty components in the AN/USH-26.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

Appendix K to  
ENCLOSURE (6)

1. SE640-AF-MMO-011, OMI PARTS LIST INSTALL INSTRUCT AN/USH-26(V) VOL 1
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TASK: 5953.03.21 (CORE) CHECK OPERATIONAL CAPABILITIES OF AIR TRAFFIC CONTROL RADAR SYSTEMS USING THE AN/TSQ-131

CONDITIONS(S): Given the appropriate equipment, materials, references, and applicable technical publications.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Configure into single van configuration.
2. Configure into dual van configuration.
3. Verify PAR and ASR video is useable on all AN/UYQ-34(V)2.
4. Verify proper operation of the BAMs.
5. Verify proper operation of the ASR and PAR remote control panels.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

TASK: 5953.04.01 (CORE PLUS) INVENTORY EQUIPMENT AND TECHNICAL PUBLICATIONS

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Inventory Test Equipment.
2. Inventory tools.
3. Inventory publications.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. DESKTOP PROCEDURES
- 

TASK: 5953.04.02 (CORE) COMPLETE A MANUAL MAINTENANCE ACTION FORM(MAF)

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Perform procedures to complete a manual MAF as described in the reference.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
  2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
- 

TASK: 5953.04.03 (CORE PLUS) COMPLETE AN AUTOMATED MAF

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Perform procedures to complete a automated MAF as described in the reference.

Appendix K to  
ENCLOSURE (6)

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5953.04.04 (CORE PLUS) MANAGE MAFS

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Reconcile MAFs.
2. Generate a MAF report from the computer.
3. Determine equipment readiness using MAFs.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Cpl

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5953.04.05 (CORE PLUS) UTILIZE THE NAVY SUPPLY SYSTEM

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Requisition items through the Navy supply system.
2. Identify parts using applicable technical manuals.
3. Identify parts data using COSAL.
4. Identify parts data using the FED Log system.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: LCpl

MCO 1510.126  
30 OCT 02

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5953.04.06 (CORE PLUS) DEVELOP DESKTOP PROCEDURES

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Develop desktop procedures per the reference.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
2. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5953.04.07 (CORE PLUS) COMPLETE APPLICABLE AIR TRAFFIC CONTROL SYSTEMS SCHOOLS WHEN ASSIGNED TO A MARINE CORPS AIR STATION RATCF/RATCC

CONDITIONS(S): Given the appropriate equipment, materials, and references.

STANDARD(S): In accordance with applicable technical publications.

PERFORMANCE STEPS:

1. Successfully complete the AN/FPN-63.
2. Successfully complete the station ASR school.
3. Successfully complete the AN/FAC-6(V).
4. Successfully complete the OL-577/TPX-42A(V).

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S): (NONE)

ADMINISTRATIVE INSTRUCTIONS: APPLICABLE REFERENCES WILL BE ADDED AT A LATER DATE.

Appendix K to  
ENCLOSURE (6)

MOS 5954, AIR TRAFFIC CONTROL COMMUNICATIONS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5954.01.01 (CORE PLUS) SUPERVISE ACTIVITIES IN THE SITING, INSTALLATION, AND OPERATION OF AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given an airfield site, a mission, references, and commander's intent.

STANDARD(S): Per NAVSEA P4790.4 (SERIES), 3M manual.

PERFORMANCE STEPS:

1. Verify proper grounding procedures.
2. Verify power requirements.
3. Verify antenna installation.
4. Verify remote requirements.
5. Verify COMSEC requirements.
6. Verify proper systems cabling.
7. Verify equipment operational status.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. FMFM 3-30, Communications
4. MSDS, Material Safety Data Sheets
5. TM 9406-15, Grounding Procedures
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
    - 1) AN/UYQ-41 (DSS)
    - 2) AN/UYQ-42 (CDS)
    - 3) AN/GRC-171(V)2

MCO 1510.126  
30 OCT 02

- 4) AN/GRC-211
  - 5) AN/URC-94
  - 6) AN/GSH-60
  - 7) AN/GMQ-31 WIND MEASURING SET
  - 8) AN/UYQ-4 MODEM
  - 9) B-LINK
  - 10) C-LINK
- b. AN/TSQ-120 A/B
- 1) SA/2257 SWITCHING MATRIX (A)
  - 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP (A)
  - 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
  - 4) AB-1236 TOWER SCOFFELING SUPPORT SYSTEM
  - 5) AN/GRC-171
  - 6) AN/GRC-211
  - 7) AN/URC-94
  - 8) AN/GSH-60
  - 9) CRASH ALARM
  - 10) AN/GMQ-31 WIND MEASURING SET
  - 11) AN/UYQ-41 (B)
- c. REMOTE LANDING SITE TOWER
- 1) RT-1319
  - 2) RT-1694
  - 3) RT-1523
  - 4) HT-1000
  - 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
  - 6) LITTON NOTEBOOK COMPUTER
  - 7) PL-2000D DIGITAL RECORDER

Appendix L to  
ENCLOSURE (6)

- d. AN/TSM-170
  - 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
  - 2) AN/PIC-2 PUBLIC ADDRESS SET
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.01.02 (CORE PLUS) PERFORM SITING, INSTALLATION AND OPERATION OF AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given an airfield site, a mission, references, and commander's intent.

STANDARD(S): Perform site selection, installation and operate MATCALS Communications Equipment per the references.

PERFORMANCE STEPS:

1. Obtain location of site.
2. Develop site survey data.
3. Determine logistical requirements to emplace equipment.
4. Emplace MATCALS Communication Equipment.
5. Connect shore/station power.
  - a. ensure proper phase, voltage, and frequency of input power.
6. Operate MATCALS Communication Systems.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: LCpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. FMFM 3-30, Communications
4. MSDS, Material Safety Data Sheets
5. TM 9406-15, Grounding Procedures
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131

MCO 1510.126  
30 OCT 02

- b. AN/TSQ-120
  - 1) OK-312/TSQ-120
  - 2) OW-81/TSQ-120
  - 3) AB-1236/TSQ-120
- c. OA-9142/TSM-170
- d. AN/TSQ-216 REMOTE LANDING SITE TOWER
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.01.03 (CORE PLUS) SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): Attain proper erection of antennas IAW the references.

PERFORMANCE STEPS:

1. Adhere to appropriate safety requirements.
2. Verify site selection.
3. Inventory antenna components.
4. Erect the antenna.
5. Connect antenna to appropriate equipment.
6. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)
3. EE110-AH-OMI-010, ANTENNA AT-150/SRC AT-803-VRC
4. FMFM 3-36, Guide to Electromagnetic Interference Control
5. MSDS, Material Safety Data Sheets
6. NAVMC 1017, Table of Authorized Material
7. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

Appendix L to  
ENCLOSURE (6)

8. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
9. TM 9406-15, Grounding Procedures
10. UNIT T/E, Table of Equipment
11. UNIT T/O, Table of Organization

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
  - b. AN/TSQ-120
  - c. OA-9142/TSM-170
  - d. AN/TSQ-216 REMOTE LANDING SITE TOWER
  - e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.01.04 (CORE) ERECT COMMUNICATION ANTENNAS FOR MATCAL COMMUNICATIONS EQUIPMENT

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): Attain proper erection of antennas IAW the references.

PERFORMANCE STEPS:

1. Adhere to appropriate safety requirements.
2. Verify site selection.
3. Inventory antenna components.
4. Erect the antenna.
5. Connect antenna to appropriate equipment.
6. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: LCpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

3. EE110-AH-OMI-010, ANTENNA AT-150/SRC AT-803-VRC
4. FMFM 3-36, Guide to Electromagnetic Interference Control
5. MSDS, Material Safety Data Sheets
6. NAVMC 1017, Table of Authorized Material
7. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
8. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
9. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
10. TM 9406-15, Grounding Procedures
11. UNIT T/E, Table of Equipment
12. UNIT T/O, Table of Organization

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
  - b. AN/TSQ-120
  - c. OA-9142/TSM-170
  - d. AN/TSQ-216 REMOTE LANDING SITE TOWER

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TASK: 5954.01.05 (CORE) CONNECT EXTERNAL COMMUNICATIONS TO A TACTICAL SHELTER

CONDITIONS(S): Given an airfield site, a mission, references, and commander's intent.

STANDARD(S): As per mission requirement and in accordance with publications connect external agencies with MATCALs communication equipment as per references

PERFORMANCE STEPS:

1. Connect external secure/non-secure telephone lines to MATCALs equipment.
2. Connect external secure/non-secure landlines to MATCALs equipment.
3. Connect external secure/non-secure TADIL-B lines to MATCALs equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

Appendix L to  
ENCLOSURE (6)

1. Applicable Technical Publications/Manuals
  2. CMS-21A, COMSEC Material System Policy & Procedures Manual
  3. NACSI NO. 4010, National COMSEC Instruction
  4. NTP-4, Naval Telecommunications Procedures/Fleet
  5. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
  6. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
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TASK: 5954.01.06 (CORE) SET UP TACTICAL DATA INFORMATION LINKS (TADIL)

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): As per mission requirement and in accordance with publications set up and maintain TADIL-B and TADIL-C communication equipment as per references.

PERFORMANCE STEPS:

1. As per requirement connect external agencies to MATCALs communication subsystems to include secure and non-secure links.
  - a. In accordance with mission requirements, set up a TADIL-B link as per references.
  - b. In accordance with mission requirements, set up TADIL-C links as per references.
2. Test TADIL-B equipment.
  - a. Perform loopback tests as required.
  - b. Perform subsystem confidence test as required.
3. Test TADIL-C equipment.
  - a. Align radios as required.
  - b. Perform subsystem confidence test as required.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)
3. CMS-21A, COMSEC Material System Policy & Procedures Manual

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
5. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
6. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/UYQ-41 (DSS)
  - b. AN/UYQ-42 (CDS)
  - c. AN/GRC-171(V)2
  - d. AN/UYQ-4 MODEM
  - e. CRYPTOGRAPHICAL EQUIPMENT AS REQUIRED

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TASK: 5954.01.07 (CORE) EMBARK MATCALC COMMUNICATION EQUIPMENT

CONDITIONS(S): Given mission, commander's guidance, equipment, personnel, and the references.

STANDARD(S): Ensuring proper embarkation of equipment per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Design load plan if required.
3. Verify correct equipment placement on transportation.
4. Verify load plan is adhered to.
5. Verify equipment properly secured on transportation.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 5311.1C, T/O Management Procedures
3. MCO P5090.2\_, Environmental Compliance and Protection Manual
4. MSDS, Material Safety Data Sheets

Appendix L to  
ENCLOSURE (6)

5. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
6. NAVMC 1017, Table of Authorized Material
7. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
8. UNIT T/E, Table of Equipment
9. UNIT T/O, Table of Organization

DISTANCE LEARNING PRODUCT(S):

1. MCI 0450, Logistical/Embarkation Specialist

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
  - b. AN/TSQ-120
  - c. OA-9142/TSM-170
  - d. AN/TSQ-216 REMOTE LANDING SITE TOWER

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TASK: 5954.01.08 (CORE) PERFORM SYSTEM INITIALIZATION OF MATCAL COMMUNICATION SUBSYSTEMS

CONDITIONS(S): Given equipment, mission, and references.

STANDARD(S): Perform system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Apply power to system.
3. Apply power to primary and ancillary systems.
4. Load frequencies in radios.
5. Load keying material in COMSEC equipment.
6. Configure Communication Distribution System.
7. Perform operational check.

INITIAL TRAINING SETTING: FLC Sustainment: 1 Req By: Pvt

REFERENCE(S):

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
  - b. AN/TSQ-120
  - c. OA-9142/TSM-170
  - d. AN/TSQ-216 REMOTE LANDING SITE TOWER

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TASK: 5954.01.09 (CORE PLUS) SUPERVISE SYSTEM INITIALIZATION OF MATCAL'S COMMUNICATION SUBSYSTEMS

CONDITIONS(S): Given personnel, equipment, mission, and references.

STANDARD(S): Supervise proper system initialization per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Apply power to system.
3. Apply power to primary and ancillary systems.
4. Load frequencies in radios.
5. Load keying material in COMSEC equipment.
6. Configure Communication Distribution System.
7. Perform operational check.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
  - b. AN/TSQ-120
  - c. OA-9142/TSM-170

Appendix L to  
ENCLOSURE (6)

d. AN/TSQ-216 REMOTE LANDING SITE TOWER

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TASK: 5954.01.10 (CORE PLUS) MANAGE TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given an employed MATCALS suite, personnel, and a mission.

STANDARD(S): In accordance with references man and operate an employed ATC facility.

PERFORMANCE STEPS:

1. Set up manning schedule.
2. Set up preventative maintenance procedures.
3. Set up corrective maintenance procedures.
4. Set up requisitioning procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Requirement Card
3. Pre-Deployment Checklist
4. FEDLOG, Federal Logistic Data on Compact Disk
5. MAFIA, Maintenance Action Form In Access
6. MCO 5311.1C, T/O Management Procedures
7. MPS, Load Plan
8. MSDS, Material Safety Data Sheets
9. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
10. NAVMC 1017, Table of Authorized Material
11. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
12. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
13. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
14. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

MCO 1510.126  
30 OCT 02

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:

- a. AN/TSQ-131
  - 1) AN/UYQ-41 (DSS)
  - 2) AN/UYQ-42 (CDS)
  - 3) AN/GRC-171(V)2
  - 4) AN/GRC-211
  - 5) AN/URC-94
  - 6) AN/GSH-60
  - 7) AN/GMQ-31 WIND MEASURING SET
  - 8) AN/UYQ-4 MODEM/TADIL B
  - 9) C-LINK
- b. AN/TSQ-120 A/B
  - 1) SA/2257 SWITCHING MATRIX
  - 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP
  - 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
  - 4) AB-1236 TOWER SCOFFELING SUPPORT SYSTEM
  - 5) AN/GRC-171
  - 6) AN/GRC-211
  - 7) AN/URC-94
  - 8) AN/GSH-60
  - 9) CRASH ALARM
  - 10) AN/GMQ-31 WIND MEASURING SET
  - 11) AN/UYQ-41 (B)
- c. REMOTE LANDING SITE TOWER
  - 1) RT-1319
  - 2) RT-1694
  - 3) RT-1523

Appendix L to  
ENCLOSURE (6)

- 4) HT-1000
- 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
- 6) LITTON NOTEBOOK COMPUTER
- 7) PL-2000D DIGITAL RECORDER
- d. AN/TSM-170
  - 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
  - 2) AN/PIC-2 PUBLIC ADDRESS SET
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.01.11 (CORE PLUS) SUPERVISE ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL (ATC) STATION SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given an airfield, a mission, references, and commander's intent.

STANDARD(S): Per NAVSEA P4790.4 (SERIES), 3M manual.

PERFORMANCE STEPS:

1. Verify proper grounding procedures.
2. Verify power requirements.
3. Verify antenna installation.
4. Verify remote requirements.
5. Verify proper systems cabling.
6. Verify equipment operational status.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. FMFM 3-30, Communications
4. MSDS, Material Safety Data Sheets
5. TM 9406-15, Grounding Procedures
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
  - i. AN/UMQ-5 WIND MEASUREMENT SET
  - j. TTC8/800 REMOTE CONTROL UNIT (9334)
  - k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
  - l. AN/FRC-166
  - m. AN/GRT-21
  - n. AN/GRT-22
  - o. AN/GRR-23
  - p. AN/GRR-24
  - q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
    - 1) AN/FSA-52
    - 2) AN/FSA-58
    - 3) IVCSS
    - 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
  - r. AFLCS AIRFIELD LIGHTING COMPUTER
  - s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
  - t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
  - u. RCN-1000 REMOTE CONTROL UNIT

Appendix L to  
ENCLOSURE (6)

- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

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TASK: 5954.01.12 (CORE) PERFORM ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL (ATC) STATION SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given an airfield, a mission, references, and commander's intent.

STANDARD(S): Per NAVSEA P4790.4 (SERIES), 3M manual.

PERFORMANCE STEPS:

1. Verify proper grounding procedures.
2. Verify power requirements.
3. Verify antenna installation.
4. Verify remote requirements.
5. Verify proper systems cabling.
6. Verify equipment operational status.

INITIAL TRAINING SETTING: FLC Sustainment: 1 Req By: LCpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications

MCO 1510.126  
30 OCT 02

3. FMFM 3-30, Communications
4. MSDS, Material Safety Data Sheets
5. TM 9406-15, Grounding Procedures
6. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
  - i. AN/UMQ-5 WIND MEASUREMENT SET
  - j. TTC8/800 REMOTE CONTROL UNIT (9334)
  - k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
  - l. AN/FRC-166
  - m. AN/GRT-21
  - n. AN/GRT-22
  - o. AN/GRR-23
  - p. AN/GRR-24
  - q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
    - 1) AN/FSA-52
    - 2) AN/FSA-58
    - 3) IVCSS
    - 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
  - r. AFLCS AIRFIELD LIGHTING COMPUTER

Appendix L to  
ENCLOSURE (6)

- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

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TASK: 5954.01.13 (CORE PLUS) MANAGE TECHNICAL MATTERS PERTAINING TO MCAS AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a MCAS facility, personnel, and a mission.

STANDARD(S): In accordance with references man and operate an employed ATC facility.

PERFORMANCE STEPS:

1. Set up manning schedule.
2. Set up preventative maintenance procedures.
3. Set up corrective maintenance procedures.
4. Set up requisitioning procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

2. Maintenance Requirement Card
3. Pre-Deployment Checklist
4. FEDLOG, Federal Logistic Data on Compact Disk
5. MAFIA, Maintenance Action Form In Access
6. MCO 5311.1C, T/O Management Procedures
7. MPS, Load Plan
8. MSDS, Material Safety Data Sheets
9. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
10. NAVMC 1017, Table of Authorized Material
11. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
12. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
13. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
14. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
  - i. AN/UMQ-5 WIND MEASUREMENT SET
  - j. TTC8/800 REMOTE CONTROL UNIT (9334)
  - k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
  - l. AN/FRC-166

Appendix L to  
ENCLOSURE (6)

- m. AN/GRT-21
- n. AN/GRT-22
- o. AN/GRR-23
- p. AN/GRR-24
- q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
  - 1) AN/FSA-52
  - 2) AN/FSA-58
  - 3) IVCSS
  - 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
- r. AFLCS AIRFIELD LIGHTING COMPUTER
- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5954.02.01 (CORE PLUS) PLAN MATCALS COMMUNICATIONS MAINTENANCE SUPPORT

CONDITIONS(S): Given a mission, equipment, personnel, commander's guidance, and references.

STANDARD(S): Ensure organizational maintenance support requirements are met, per the references.

PERFORMANCE STEPS:

1. Review SOP's.
2. Determine unit capabilities.
3. Determine support unit requirements.
4. Determine locations of supported equipment.
5. Determine supply support.
6. Determine maintenance float support.
7. Determine logistical support:
  - a. Fuel.
  - b. Generators.
  - c. Transportation.
8. Determine personnel requirements.
9. Determine facilities:
  - a. Tents.
  - b. Heating/Cooling/Ventilation.
  - c. Maintenance shelters.
10. Determine security.
11. Draft/review plans:
  - a. Communication.
  - b. Maintenance.
  - c. Embarkation.
  - d. Security.

Appendix L to  
ENCLOSURE (6)

e. Supply/Support.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FEDLOG, Federal Logistic Data on Compact Disk
4. FMFM 3-30, Communications
5. MCWP 5-1, Marine Corps Planning Process
6. MSDS, Material Safety Data Sheets
7. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
8. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
9. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
10. TM 9406-15, Grounding Procedures
11. UNIT SOP, Unit's Standing Operating Procedures
12. UNIT T/E, Table of Equipment
13. UNIT T/O, Table of Organization

ADMINISTRATIVE INSTRUCTIONS:

1. In accordance with references set up PMS schedule.
2. In accordance with references set up Maintenance Action Form in Access (MAFIA) database.
3. In accordance with references set up parts requisitioning procedures.

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TASK: 5954.02.02 (CORE PLUS) PLAN MCAS COMMUNICATIONS MAINTENANCE SUPPORT

CONDITIONS(S): Given a mission, equipment, personnel, commander's guidance, and references.

STANDARD(S): Ensure organizational maintenance support requirements are met, per the references.

PERFORMANCE STEPS:

1. Review SOP's.

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

2. Determine unit capabilities.
3. Determine support unit requirements.
4. Determine locations of supported equipment.
5. Determine supply support.
6. Determine logistical support:
  - a. Fuel.
  - b. Generators.
  - c. Transportation.
7. Determine personnel requirements.
8. Determine facilities:
  - a. Heating/Cooling/Ventilation.
  - b. Maintenance buildings.
9. Determine security.
10. Draft/review plans:
  - a. Communication.
  - b. Maintenance.
  - c. Security.
  - d. Supply/Support.

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FEDLOG, Federal Logistic Data on Compact Disk
4. FMFM 3-30, Communications
5. MCWP 5-1, Marine Corps Planning Process
6. MSDS, Material Safety Data Sheets
7. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT

Appendix L to  
ENCLOSURE (6)

8. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
9. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
10. TM 9406-15, Grounding Procedures
11. UNIT SOP, Unit's Standing Operating Procedures
12. UNIT T/E, Table of Equipment
13. UNIT T/O, Table of Organization

ADMINISTRATIVE INSTRUCTIONS:

1. In accordance with references set up PMS schedule.
2. In accordance with references set up MDAS and/or Maintenance Action Form in Access (MAFIA) database.
3. In accordance with references set up parts requisitioning procedures.

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5954.03.01 (CORE PLUS) SUPERVISE THE MAINTENANCE OF MATCAL'S COMMUNICATIONS EQUIPMENT

CONDITIONS(S): Given appropriate instruction and supervision

STANDARD(S): In accordance with references, supervise the maintenance of MATCAL'S Communication equipment.

PERFORMANCE STEPS:

1. Meet prerequisite requirements for MOS (5954) to include but not limited to:
  - a. ASVAB EL score 105 or higher.
  - b. Graduate from core and "I" strand course (A school)
2. Complete formal MOS training (C school for 5954) to include but not limited to:
  - a. Micro miniature component repair course
  - b. Radio Maintenance Course
  - c. TSQ-120 Course
  - d. TSQ-131 Course
  - e. TSQ-216 Course
3. Troubleshoot, repair, and replace to the faulty Lowest Replaceable Unit (LRU).

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Contracts
3. Maintenance Requirement Card
4. Pre-Deployment Checklist
5. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)
6. FEDLOG, Federal Logistic Data on Compact Disk
7. FMFM 3-36, Guide to Electromagnetic Interference Control
8. MAFIA, Maintenance Action Form In Access
9. MSDS, Material Safety Data Sheets

Appendix L to  
ENCLOSURE (6)

10. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
11. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
12. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
13. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
14. TM 10510-14/1, Electronic Test Equipment Listing
15. TM 9999-15/1, ESD Awareness Electro-Static Discharge
16. UNIT T/E, Table of Equipment
17. UNIT T/O, Table of Organization

DISTANCE LEARNING PRODUCT(S):

1. MCI 0287, Introduction to Test Equipment
2. MCI 1141, MARINE ELETRICIAN
3. MCI 1142, SOLID STATE DEVICES
4. MCI 1334, MATH FOR MARINES
5. MCI 2515, Antenna Construction and Propagation of Radio Waves
6. MCI 2530, VHF FIELD RADIO EQUIPMENT
7. MCI 2531, VHF MULTICHANNEL RADIO EQUIPMENT
8. MCI 2532, HF/UHF Field Radio Equipment
9. MCI 2537, HIGH FREQUENCY COMMUNICATIONS SYSTEMS
10. MCI 2538, Single Channel Ground Airborne Radio System
11. MCI 2828, ELETRONIC MATHEMATICS FOR MARINES
12. MCI 2860, FUNDAMENTALS OF DIGITAL LOGIC

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
    - 1) AN/UYQ-41 (DSS)
    - 2) AN/UYQ-42 (CDS)
    - 3) AN/GRC-171(V)2

MCO 1510.126  
30 OCT 02

- 4) AN/GRC-211
  - 5) AN/URC-94
  - 6) AN/GSH-60
  - 7) AN/GMQ-31 WIND MEASURING SET
  - 8) AN/UYQ-4 MODEM/TADIL B
  - 9) C-LINK
- b. AN/TSQ-120 A/B
- 1) SA/2257 SWITCHING MATRIX
  - 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP
  - 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
  - 4) AB-1236 TOWER SCAFFOLDING SUPPORT SYSTEM
  - 5) AN/GRC-171
  - 6) AN/GRC-211
  - 7) AN/URC-94
  - 8) AN/GSH-60
  - 9) CRASH ALARM
  - 10) AN/GMQ-31 WIND MEASURING SET
  - 11) AN/UYQ-41 (B)
- c. REMOTE LANDING SITE TOWER
- 1) RT-1319
  - 2) RT-1694
  - 3) RT-1523
  - 4) HT-1000
  - 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
  - 6) LITTON NOTEBOOK COMPUTER
  - 7) PL-2000D DIGITAL RECORDER
- d. AN/TSM-170

Appendix L to  
ENCLOSURE (6)

- 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
  - 2) AN/PIC-2 PUBLIC ADDRESS SET
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.03.02 (CORE) MAINTAIN MATCALS COMMUNICATIONS EQUIPMENT

CONDITIONS(S): Given personnel, TMDE, tools, and references.

STANDARD(S): In accordance with references maintain MATCALS Communication equipment.

PERFORMANCE STEPS:

1. Turn up gear on daily basis.
2. Verify system parameters in accordance with references.
3. Coordinate with operators (controllers) to verify status of gear.
4. Perform maintenance as required to include preventative or corrective actions.

INITIAL TRAINING SETTING: FLC Sustainment: 1 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Contracts
3. Maintenance Requirement Card
4. Pre-Deployment Checklist
5. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)
6. FEDLOG, Federal Logistic Data on Compact Disk
7. FMFM 3-36, Guide to Electromagnetic Interference Control
8. MAFIA, Maintenance Action Form In Access
9. MSDS, Material Safety Data Sheets
10. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
11. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
12. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
13. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

14. TM 10510-14/1, Electronic Test Equipment Listing
15. TM 9999-15/1, ESD Awareness Electro-Static Discharge
16. UNIT T/E, Table of Equipment
17. UNIT T/O, Table of Organization

DISTANCE LEARNING PRODUCT(S):

1. MCI 0287, Introduction to Test Equipment
2. MCI 1141, MARINE ELETRICIAN
3. MCI 1142, SOLID STATE DEVICES
4. MCI 1334, MATH FOR MARINES
5. MCI 2515, Antenna Construction and Propagation of Radio Waves
6. MCI 2530, VHF FIELD RADIO EQUIPMENT
7. MCI 2531, VHF MULTICHANNEL RADIO EQUIPMENT
8. MCI 2532, HF/UHF Field Radio Equipment
9. MCI 2537, HIGH FREQUENCY COMMUNICATIONS SYSTEMS
10. MCI 2538, Single Channel Ground Airborne Radio System
11. MCI 2828, ELETRONIC MATHEMATICS FOR MARINES
12. MCI 2860, FUNDAMENTALS OF DIGITAL LOGIC

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
    - 1) AN/UYQ-41 (DSS)
    - 2) AN/UYQ-42 (CDS)
    - 3) AN/GRC-171(V)2
    - 4) AN/GRC-211
    - 5) AN/URC-94
    - 6) AN/GSH-60
    - 7) AN/GMQ-31 WIND MEASURING SET

Appendix L to  
ENCLOSURE (6)

- 8) AN/UYQ-4 MODEM
- 9) B-LINK
- 10) C-LINK
- b. AN/TSQ-120 A/B
  - 1) SA/2257 SWITCHING MATRIX
  - 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP
  - 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
  - 4) AB-1236 TOWER SCAFFOLDING SUPPORT SYSTEM
  - 5) AN/GRC-171
  - 6) AN/GRC-211
  - 7) AN/URC-94
  - 8) AN/GSH-60
  - 9) CRASH ALARM
  - 10) AN/GMQ-31 WIND MEASURING SET
  - 11) AN/UYQ-41 (B)
  - 12) HT-1000
- c. REMOTE LANDING SITE TOWER
  - 1) RT-1319
  - 2) RT-1694
  - 3) RT-1523
  - 4) HT-1000
  - 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
  - 6) LITTON NOTEBOOK COMPUTER
  - 7) PL-2000D DIGITAL RECORDER
- d. AN/TSM-170
  - 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
  - 2) AN/PIC-2 PUBLIC ADDRESS SET
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

MCO 1510.126  
30 OCT 02

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TASK: 5954.03.03 (CORE) PERFORM PREVENTATIVE MAINTENANCE ON MATCAL'S COMMUNICATION EQUIPMENT

CONDITIONS(S): Given personnel, TMDE, tools, and references.

STANDARD(S): In accordance with references perform preventative maintenance on MATCAL'S Communication Equipment.

PERFORMANCE STEPS:

1. Induct equipment into maintenance cycle.
2. Adhere to safety requirements.
3. Research applicable technical data pertaining to equipment.
4. Perform MRC requirements.
5. Perform Corrective Maintenance as necessary for gear that does not meet MRC requirements.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 4700-15/1, Equipment Record Procedures
3. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
4. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
5. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
6. TM 10510-14/1, Electronic Test Equipment Listing
7. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
    - 1) AN/UYQ-41 (DSS)
    - 2) AN/UYQ-42 (CDS)
    - 3) AN/GRC-171(V)2
    - 4) AN/GRC-211

Appendix L to  
ENCLOSURE (6)

- 5) AN/URC-94
  - 6) AN/GSH-60
  - 7) AN/GMQ-31 WIND MEASURING SET
  - 8) AN/UYQ-4 MODEM
  - 9) B-LINK
  - 10) C-LINK
- b. AN/TSQ-120 A/B
- 1) SA/2257 SWITCHING MATRIX
  - 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP
  - 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
  - 4) AB-1236 TOWER SCAFFOLDING SUPPORT SYSTEM
  - 5) AN/GRC-171
  - 6) AN/GRC-211
  - 7) AN/URC-94
  - 8) AN/GSH-60
  - 9) CRASH ALARM
  - 10) AN/GMQ-31 WIND MEASURING SET
  - 11) AN/UYQ-41 (B)
  - 12) HT-1000
- c. REMOTE LANDING SITE TOWER
- 1) RT-1319
  - 2) RT-1694
  - 3) RT-1523
  - 4) HT-1000
  - 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
  - 6) LITTON NOTEBOOK COMPUTER
  - 7) PL-2000D DIGITAL RECORDER

MCO 1510.126  
30 OCT 02

- d. AN/TSM-170
  - 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
  - 2) AN/PIC-2 PUBLIC ADDRESS SET
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.03.04 (CORE) PERFORM CORRECTIVE MAINTENANCE ON MATCALS COMMUNICATION EQUIPMENT TO THE LRU

CONDITIONS(S): Given malfunctioning equipment, TMDE, tools, and references.

STANDARD(S): Return faulty MATCALS Communication Equipment to fully operational status per the references.

PERFORMANCE STEPS:

1. Induct equipment into Maintenance Form in Access (MAFIA).
2. Adhere to safety requirements.
3. Research applicable technical data pertaining to faulty equipment.
4. Measure basic circuit performance.
5. Identify faulty LRU.
6. Replace faulty LRU.
7. Verify equipment meets all system parameters in accordance with applicable technical publications.
8. Perform operational check.
9. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FEDLOG, Federal Logistic Data on Compact Disk
3. MCO 4700-15/1, Equipment Record Procedures
4. MSDS, Material Safety Data Sheets
5. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
6. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures

Appendix L to  
ENCLOSURE (6)

7. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
8. TM 10510-14/1, Electronic Test Equipment Listing
9. TM 9999-15/1, ESD Awareness Electro-Static Discharge

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:

- a. AN/TSQ-131

- 1) AN/UYQ-41 (DSS)
- 2) AN/UYQ-42 (CDS)
- 3) AN/GRC-171(V)2
- 4) AN/GRC-211
- 5) AN/URC-94
- 6) AN/GSH-60
- 7) AN/GMQ-31 WIND MEASURING SET
- 8) AN/UYQ-4 MODEM
- 9) B-LINK
- 10) C-LINK

- b. AN/TSQ-120 A/B

- 1) SA/2257 SWITCHING MATRIX
- 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP
- 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
- 4) AB-1236 TOWER SCAFFOLDING SUPPORT SYSTEM
- 5) AN/GRC-171
- 6) AN/GRC-211
- 7) AN/URC-94
- 8) AN/GSH-60
- 9) CRASH ALARM
- 10) AN/GMQ-31 WIND MEASURING SET
- 11) AN/UYQ-41 (B)

MCO 1510.126  
30 OCT 02

- 12) HT-1000
  - c. REMOTE LANDING SITE TOWER
    - 1) RT-1319
    - 2) RT-1694
    - 3) RT-1523
    - 4) HT-1000
    - 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
    - 6) LITTON NOTEBOOK COMPUTER
    - 7) PL-2000D DIGITAL RECORDER
  - d. AN/TSM-170
    - 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
    - 2) AN/PIC-2 PUBLIC ADDRESS SET
  - e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES
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TASK: 5954.03.05 (CORE PLUS) SUPERVISE THE MAINTENANCE OF MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS

CONDITIONS(S): Given equipment and personnel.

STANDARD(S): In accordance with references supervise the maintenance of MCAS Communication equipment.

PERFORMANCE STEPS:

1. Meet prerequisite requirements for MOS (5954) to include but not limited to:
  - a. ASVAB EL score 105 or higher.
  - b. Graduate from core and "I" strand course (A school)
2. Complete formal MOS training (C school for 5954) to include but not limited to:
  - a. micro miniature component repair course
  - b. Radio Maintenance Course
  - c. TSQ-120 Course
  - d. TSQ-131 Course

Appendix L to  
ENCLOSURE (6)

e. TSQ-216 Course

3. Troubleshoot, repair, and replace to the faulty Lowest Replaceable Unit (LRU).

INITIAL TRAINING SETTING: MOJT Sustainment: 6 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Contracts
3. Maintenance Requirement Card
4. Pre-Deployment Checklist
5. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)
6. FEDLOG, Federal Logistic Data on Compact Disk
7. FMFM 3-36, Guide to Electromagnetic Interference Control
8. MAFIA, Maintenance Action Form In Access
9. MSDS, Material Safety Data Sheets
10. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
11. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
12. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
13. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
14. TM 10510-14/1, Electronic Test Equipment Listing
15. TM 9999-15/1, ESD Awareness Electro-Static Discharge
16. UNIT T/E, Table of Equipment
17. UNIT T/O, Table of Organization

DISTANCE LEARNING PRODUCT(S):

1. MCI 0287, Introduction to Test Equipment
2. MCI 1141, MARINE ELETRICIAN
3. MCI 1142, SOLID STATE DEVICES
4. MCI 1334, MATH FOR MARINES
5. MCI 2515, Antenna Construction and Propagation of Radio Waves

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

6. MCI 2530, VHF FIELD RADIO EQUIPMENT
7. MCI 2531, VHF MULTICHANNEL RADIO EQUIPMENT
8. MCI 2532, HF/UHF Field Radio Equipment
9. MCI 2537, HIGH FREQUENCY COMMUNICATIONS SYSTEMS
10. MCI 2538, Single Channel Ground Airborne Radio System
11. MCI 2828, ELETRONIC MATHEMATICS FOR MARINES
12. MCI 2860, FUNDAMENTALS OF DIGITAL LOGIC

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
  - i. AN/UMQ-5 WIND MEASUREMENT SET
  - j. TTC8/800 REMOTE CONTROL UNIT (9334)
  - k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
  - l. AN/FRC-166
  - m. AN/GRT-21
  - n. AN/GRT-22
  - o. AN/GRR-23
  - p. AN/GRR-24
  - q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
    - 1) AN/FSA-52

Appendix L to  
ENCLOSURE (6)

- 2) AN/FSA-58
- 3) IVCSS
- 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
- r. AFLCS AIRFIELD LIGHTING COMPUTER
- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

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TASK: 5954.03.06 (CORE) MAINTAIN THE MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS

CONDITIONS(S): Given equipment and personnel.

STANDARD(S): In accordance with references perform the maintenance of MCAS Communication equipment to the LRU.

PERFORMANCE STEPS:

1. Turn up gear on daily basis.
2. Verify system parameters in accordance with references.
3. Coordinate with operators (controllers) to verify status of gear.

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

4. Perform maintenance as required to include preventative or corrective actions.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: LCpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Contracts
3. Maintenance Requirement Card
4. Pre-Deployment Checklist
5. 118212/VOL1, Control and Communication Subsystem (CCS) and System Operators Manual (SOMS)
6. FEDLOG, Federal Logistic Data on Compact Disk
7. FMFM 3-36, Guide to Electromagnetic Interference Control
8. MAFIA, Maintenance Action Form In Access
9. MSDS, Material Safety Data Sheets
10. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
11. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
12. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
13. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
14. TM 10510-14/1, Electronic Test Equipment Listing
15. TM 9999-15/1, ESD Awareness Electro-Static Discharge
16. UNIT T/E, Table of Equipment
17. UNIT T/O, Table of Organization

DISTANCE LEARNING PRODUCT(S):

1. MCI 0287, Introduction to Test Equipment
2. MCI 1141, MARINE ELETRICIAN
3. MCI 1142, SOLID STATE DEVICES
4. MCI 1334, MATH FOR MARINES
5. MCI 2515, Antenna Construction and Propagation of Radio Waves
6. MCI 2530, VHF FIELD RADIO EQUIPMENT

Appendix L to  
ENCLOSURE (6)

7. MCI 2531, VHF MULTICHANNEL RADIO EQUIPMENT
8. MCI 2532, HF/UHF Field Radio Equipment
9. MCI 2537, HIGH FREQUENCY COMMUNICATIONS SYSTEMS
10. MCI 2538, Single Channel Ground Airborne Radio System
11. MCI 2828, ELETRONIC MATHEMATICS FOR MARINES
12. MCI 2860, FUNDAMENTALS OF DIGITAL LOGIC

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
  - i. AN/UMQ-5 WIND MEASUREMENT SET
  - j. TTC8/800 REMOTE CONTROL UNIT (9334)
  - k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
  - l. AN/FRC-166
  - m. AN/GRT-21
  - n. AN/GRT-22
  - o. AN/GRR-23
  - p. AN/GRR-24
  - q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
    - 1) AN/FSA-52
    - 2) AN/FSA-58

MCO 1510.126  
30 OCT 02

- 3) IVCSS
- 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
- r. AFLCS AIRFIELD LIGHTING COMPUTER
- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

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TASK: 5954.03.07 (CORE) PERFORM PREVENTATIVE MAINTENANCE ON MARINE CORPS AIR STATION COMMUNICATION EQUIPMENT

CONDITIONS(S): Given personnel, TMDE, tools, and references.

STANDARD(S): In accordance with references perform preventative maintenance on Marine Corps Air Station Communication Equipment.

PERFORMANCE STEPS:

1. Induct equipment into maintenance cycle.
2. Adhere to safety requirements.
3. Research applicable technical data pertaining to equipment.
4. Perform MRC requirements.

Appendix L to  
ENCLOSURE (6)

5. Provide Corrective Maintenance as necessary for gear that does not meet MRC requirements.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge
6. UM 4790-5, MIMMS (AIS) FMSS

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
  - i. AN/UMQ-5 WIND MEASUREMENT SET
  - j. TTC8/800 REMOTE CONTROL UNIT (9334)
  - k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
  - l. AN/FRC-166
  - m. AN/GRT-21
  - n. AN/GRT-22
  - o. AN/GRR-23
  - p. AN/GRR-24

MCO 1510.126  
30 OCT 02

- q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
  - 1) AN/FSA-52
  - 2) AN/FSA-58
  - 3) IVCSS
  - 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
- r. AFLCS AIRFIELD LIGHTING COMPUTER
- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

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TASK: 5954.03.08 (CORE) PERFORM CORRECTIVE MAINTENANCE ON MARINE CORPS AIR STATION COMMUNICATION EQUIPMENT TO THE LRU

CONDITIONS(S): Given a malfunctioning equipment, TMDE, tools, and references.

STANDARD(S): Return faulty Marine Corps Air Station Communication Equipment to fully operational status per the references.

PERFORMANCE STEPS:

Appendix L to  
ENCLOSURE (6)

1. Induct equipment into Maintenance Form in Access (MAFIA).
2. Adhere to safety requirements.
3. Research applicable technical data pertaining to faulty equipment.
4. Measure basic circuit performance.
5. Identify faulty LRU.
6. Replace faulty LRU.
7. Verify equipment meets all system parameters in accordance with applicable technical publications.
8. Perform operational check.
9. Perform maintenance closeout procedures.

INITIAL TRAINING SETTING: FLC Sustainment: 6 Req By: LCpl

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Float Catalog
3. MCO 4700-15/1, Equipment Record Procedures
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge
6. UM 4790-5, MIMMS (AIS) FMSS

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER
  - e. AN/FAC-6 FIBER OPTICS (FOIS)
  - f. AN/FSN-7 AIRFIELD LIGHTING
  - g. AN/FSA-97 VISCOM
  - h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS

MCO 1510.126  
30 OCT 02

- i. AN/UMQ-5 WIND MEASUREMENT SET
- j. TTC8/800 REMOTE CONTROL UNIT (9334)
- k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
- l. AN/FRC-166
- m. AN/GRT-21
- n. AN/GRT-22
- o. AN/GRR-23
- p. AN/GRR-24
- q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
  - 1) AN/FSA-52
  - 2) AN/FSA-58
  - 3) IVCSS
  - 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
- r. AFLCS AIRFIELD LIGHTING COMPUTER
- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP
- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP

Appendix L to  
ENCLOSURE (6)

ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

TASK: 5954.04.01 (CORE PLUS) MANAGE TECHNICAL MATTERS PERTAINING TO MARINE AIR TRAFFIC CONTROL AUTOMATIC LANDING SYSTEM (MATCAL) COMMUNICATION EQUIPMENT

CONDITIONS(S): Given an employed MATCAL suite, personnel, and a mission.

STANDARD(S): In accordance with references man and operate communications equipment in an employed ATC facility.

PERFORMANCE STEPS:

1. Set up manning schedule.
2. Set up preventative maintenance procedures.
3. Set up corrective maintenance procedures.
4. Set up requisitioning procedures.
5. Establish standard operating procedures, turnover procedures and a turnover binder.
6. Establish procedures for submitting Feedback reports.
7. Establish procedures for submitting changes to publications.
8. Establish procedures for preparing electronic maintenance related messages and correspondence.
9. Establish HAZMAT procedures.
10. Establish CMR procedures.
11. Establish cryptographic procedures in accordance to references.

INITIAL TRAINING SETTING: MOJT Sustainment: 1 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Requirement Card
3. Pre-Deployment Checklist
4. FEDLOG, Federal Logistic Data on Compact Disk
5. MAFIA, Maintenance Action Form In Access
6. MCO 5311.1C, T/O Management Procedures
7. MPS, Load Plan

MCO 1510.126  
30 OCT 02

8. MSDS, Material Safety Data Sheets
9. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
10. NAVMC 1017, Table of Authorized Material
11. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
12. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
13. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
14. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TSQ-131
    - 1) AN/UYQ-41 (DSS)
    - 2) AN/UYQ-42 (CDS)
    - 3) AN/GRC-171(V)2
    - 4) AN/GRC-211
    - 5) AN/URC-94
    - 6) AN/GSH-60
    - 7) AN/GMQ-31 WIND MEASURING SET
    - 8) AN/UYQ-4 MODEM/TADIL B
    - 9) C-LINK
  - b. AN/TSQ-120 A/B
    - 1) SA/2257 SWITCHING MATRIX
    - 2) OA-7261/FSA-52 LANDLINE SELECTOR GROUP
    - 3) AM-6714/FSA-52 AMPLIFIER SIGNALING UNIT
    - 4) AB-1236 TOWER SCOFFELING SUPPORT SYSTEM
    - 5) AN/GRC-171
    - 6) AN/GRC-211
    - 7) AN/URC-94

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

- 8) AN/GSH-60
- 9) CRASH ALARM
- 10) AN/GMQ-31 WIND MEASURING SET
- 11) AN/UYQ-41 (B)
- c. REMOTE LANDING SITE TOWER
  - 1) RT-1319
  - 2) RT-1694
  - 3) RT-1523
  - 4) HT-1000
  - 5) VOICE COMMUNICATIONS SWITCHING SYSTEM
  - 6) LITTON NOTEBOOK COMPUTER
  - 7) PL-2000D DIGITAL RECORDER
- d. AN/TSM-170
  - 1) ML-8000 TELEPHONE/INTERCOM SYSTEM
  - 2) AN/PIC-2 PUBLIC ADDRESS SET
- e. POWER JUNCTION BOXES AND DISTRIBUTION CABLES

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TASK: 5954.04.02 (CORE PLUS) MANAGE TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT (MCAS)

CONDITIONS(S): Given an Air Station, personnel, and a mission.

STANDARD(S): In accordance with references man and operate communications equipment in an employed ATC facility.

PERFORMANCE STEPS:

1. Set up manning schedule.
2. Set up preventative maintenance procedures.
3. Set up corrective maintenance procedures.
4. Set up requisitioning procedures.
5. Establish standard operating procedures, turnover procedures and a turnover binder.

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

6. Establish procedures for submitting Feedback reports.
7. Establish procedures for submitting changes to publications.
8. Establish procedures for preparing electronic maintenance related messages and correspondence.
9. Establish HAZMAT procedures.
10. Establish CMR procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 1 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. Maintenance Requirement Card
3. Pre-Deployment Checklist
4. FEDLOG, Federal Logistic Data on Compact Disk
5. MAFIA, Maintenance Action Form In Access
6. MCO 5311.1C, T/O Management Procedures
7. MPS, Load Plan
8. MSDS, Material Safety Data Sheets
9. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
10. NAVMC 1017, Table of Authorized Material
11. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH
12. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
13. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
14. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/PRC-113
  - b. AN/URC-101
  - c. PET-2000 TRANSCIEVER
  - d. AIR-2000 DIGITAL AUDIO RECORDER/REPRODUCER

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

- e. AN/FAC-6 FIBER OPTICS (FOIS)
- f. AN/FSN-7 AIRFIELD LIGHTING
- g. AN/FSA-97 VISCOM
- h. AN/GMQ-27 WEATHER VISION SYSTEMS AND MONITORS
- i. AN/UMQ-5 WIND MEASUREMENT SET
- j. TTC8/800 REMOTE CONTROL UNIT (9334)
- k. OJ-314 (V)/FSC COMMUNICATION CONTROL GROUP
- l. AN/FRC-166
- m. AN/GRT-21
- n. AN/GRT-22
- o. AN/GRR-23
- p. AN/GRR-24
- q. COMMUNICATION SELECTION SYSTEM AND LANDLINE SELECTOR
  - 1) AN/FSA-52
  - 2) AN/FSA-58
  - 3) IVCSS
  - 4) AN/FSC-104 EMERGENCY COMMUNICATION SYSTEM (ECS)
- r. AFLCS AIRFIELD LIGHTING COMPUTER
- s. ATAA AIR TRAFFIC ACTIVITY ANALYSER
- t. AN/FRN-39 CONTROL MONITOR BEACON (ATIS)
- u. RCN-1000 REMOTE CONTROL UNIT
- v. CSTI CS-2330 DCE
- w. TCGR TIME CODE GENERATORS/READERS
- x. TS-3463/FSC CIRCUIT CARD TEST SET
- y. PLANTRONICS TELEPHONE HEADSET TESTER
- z. AM-6665 AUDIO FREQUENCY AMPLIFIER
- aa. OG-139 (V)/FSC RECIEVER SIGNAL AMPLIFIER GROUP

Appendix L to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

- ab. AN/FSA-47 TRANSFER CONTROL GROUP
- ac. OP-88 POWER DISTRIBUTION GROUP
- ad. OP-89 INTERPHONE POWER DISTRIBUTION GROUP
- ae. OK-265 (V)/FSC RADIOPHONE CONTROL PATCH GROUP
- af. ON-135 (V)/FSC RADIOPHONE PATCHING GROUP
- ag. AIRSHOW COMMUNICATIONS EQUIPMENT PACKAGE/SHOW CENTRAL

Appendix L to  
ENCLOSURE (6)

MOS 5959, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE CHIEF

DUTY AREA 01 - OPERATIONAL ACTIONS

ESTABLISH SITING CRITERIA/PARAMETERS FOR ATC EQUIPMENT FOR A SPECIFIC SITE AND MAKE LIAISON WITH LOCAL AGENCIES/AUTHORITIES.

TASK: 5959.01.01 (CORE PLUS) ADVISE MAINTENANCE OFFICER ON ALL TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Per local SOP/DTP, as required.

PERFORMANCE STEPS:

1. Advise the Maintenance Officer on matters of importance pertaining to ATC Systems and Equipment in the following areas:
  - a. Operational readiness
  - b. Limitations and projected capabilities

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. EE005-DM-OMI-010, CONTROL AND COMMUNICATIONS SUBSYSTEM AN/TSQ-131 VOL 1 PART 1
2. EE172-GA-OMI-010, TACAN NAVIGATIONAL SYSTEMS AN/TRN-44 OPERATION & MAINTENANCE W/ PARTS LIST
3. EE200-AB-MAN-010, OMI AIR TRAFFIC CONTROL SUBSYSTEM AN/TPS-73 VOL 1 PART 1
4. EE216-AC-OMI-010, OMI AN/TPN-22 VOL 1
5. EE216-BC-OMI-021, AN/TPN-30A TROUBLESHOOTING/REPAIR VOL 2 PART 1
6. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
7. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5959.01.02 (CORE PLUS) ADVISE THE MAINTENANCE OFFICER ON THE SAFETY PROGRAMS RELATED TO THE MAINTENANCE AND OPERATION OF THE ATC EQUIPMENT/SYSTEM(S)

CONDITIONS(S): Given appropriate references and materials.

STANDARD(S): In accordance with local SOP.

PERFORMANCE STEPS:

Appendix M to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

1. Keep the Maintenance Officer and Headquarters informed on all safety issues related to maintenance and operations of the ATC System and equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. MCO P1200.7\_, MOS Manual
2. NAVOSH 5100.XX, NAVY OCCUPATIONAL SAFETY AND HEALTH

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TASK: 5959.01.03 (CORE PLUS) ADVISE THE MAINTENANCE OFFICER ON ATC SYSTEMS AND READINESS

CONDITIONS(S): Given references, material, and equipment.

STANDARD(S): Per local SOP/DTP, as required.

PERFORMANCE STEPS:

1. Advise the Maintenance Officer on equipment readiness, operational readiness, personnel and other issues as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO P1200.7\_, MOS Manual
3. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
4. UNIT SOP, Unit's Standing Operating Procedures
5. UNIT T/E, Table of Equipment
6. UNIT T/O, Table of Organization

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TASK: 5959.01.04 (CORE) ATTEND THE CURRENT ATC SYSTEMS SCHOOL ADVANCE MANAGEMENT COURSE(S)

CONDITIONS(S): At the earliest opportunity when selected for Staff Sergeant and prior to being selected for Master Sergeant.

STANDARD(S): Per the references

PERFORMANCE STEPS:

Appendix M to  
ENCLOSURE (6)

1. Upon selection to Staff Sergeant, attend the current ATC Systems School Advance Management Course(s) to better prepare for a position as a section head and Maintenance Chief.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Higher Headquarters Directives
2. Unit Training Plan
3. MCO P1200.7\_, MOS Manual
4. MCO P1500.40\_, Marine Corps Training Philosophy and Requirements

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TASK: 5959.01.05 (CORE PLUS) SUPERVISE THE SURVEY OF AN AIRFIELD FOR OPERATIONS AND EQUIPMENT REQUIRED

CONDITIONS(S): Given references, material, and equipment.

STANDARD(S): In accordance with all applicable references.

PERFORMANCE STEPS:

1. Supervise, participate/assist in the conduct of a proper survey of an airfield to determine the best placement of ATC equipment required for the mission assigned to ensure mission accomplishment.
2. Arrange for flight check as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Operational Plan
2. EE 172-GA-OMI-010/W154, TRN-44 MAINT MANUAL
3. EE 200-AB-MAN-010/AN/TPS-73, AN/TPS-73 ATC SUB SYSTEM
4. EE 216-AC-OMI-010/(U)E154 TPN-22, GEN INFO & SAFETY PUBS. DESC OPS & MAINT INSTR.
5. EE 216-BC-OMI-010/E154TPN-30A, FUNCTIONALLY ORIENTED MAINT. MAN. support volume 1
6. S-70-8003C, navy trng plan

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TASK: 5959.01.06 (CORE PLUS) ASSIST IN THE DEVELOPMENT OF EQUIPMENT REQUIREMENTS FOR AIR TRAFFIC CONTROL OPERATIONS

Appendix M to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

CONDITIONS(S): Given references, material, and equipment.

STANDARD(S): In accordance with local SOP.

PERFORMANCE STEPS:

1. Identify mission requirements.
2. Identify required equipment for exercises and deployments.
3. Identify established frequencies in the deployment area as published in current references.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Higher Headquarters Directives
2. Operational Order
3. Operational Plan
4. Unit Training Plan
5. MCRP 3-0A, Unit Training Management Guide
6. MCRP 3-0B, How To Conduct Training
7. UNIT SOP, Unit's Standing Operating Procedures
8. UNIT T/E, Table of Equipment
9. UNIT T/O, Table of Organization

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TASK: 5959.01.07 (CORE PLUS) SUPERVISE SITING OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given references, material, and equipment.

STANDARD(S): In accordance with references.

PERFORMANCE STEPS:

1. Supervise sighting to ensure proper placement/operation of air traffic control systems and equipment.
2. Coordinate with operations for flight check as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

Appendix M to  
ENCLOSURE (6)

1. Applicable Technical Publications/Manuals

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TASK: 5959.01.08 (CORE PLUS) PROVIDE TECHNICAL ASSISTANCE DURING A FEDERAL AVIATION ADMINISTRATION FLIGHT INSPECTION

CONDITIONS(S): Given references, material, and equipment.

STANDARD(S): In accordance with references.

PERFORMANCE STEPS:

1. Ensure section heads have airfield and systems data required for flight check, in accordance with current references.
2. Assist in preparation and coordination of operational and maintenance aspects of a flight check.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
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TASK: 5959.01.09 (CORE) ATTEND THE CURRENT NAVY PLANNED MAINTENANCE COURSE

CONDITIONS(S): Upon selection to Staff Sergeant.

STANDARD(S): In accordance with Navy Maintenance Course.

PERFORMANCE STEPS:

1. Attend the current Navy 3M/Preventive Maintenance Course.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. MCO 5390.2\_, Leadership Training and Education
  2. MCO P1200.7\_, MOS Manual
  3. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
  4. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)
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TASK: 5959.01.10 (CORE) ATTEND CURRENT TEST EQUIPMENT "MEASURE" COURSE

MCO 1510.126  
30 OCT 02

CONDITIONS(S): Upon selection to Staff Sergeant.

STANDARD(S): In accordance with current Navy Measure Management Course.

PERFORMANCE STEPS:

1. Attend the current ATC Systems School Advance Management Course(s) to prepare for a position as a section head and maintenance chief.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Higher Headquarters Directives
2. Unit Training Plan
3. MCO 4733.1A, Marine Corps TMDE CAMP
4. S-70-8003C, navy trng plan

Appendix M to  
ENCLOSURE (6)

DUTY AREA 02 - MAINTENANCE PLANNING

ORGANIZE EACH MAINTENANCE SECTION, ESTABLISHING PROCEDURES AND GUIDELINES FOR ALL SECTION HEADS TO USE. DEVELOP A REPORT WITH ALL LOCAL ORGANIZATIONS AND SUPPORTING AGENCIES.

TASK: 5959.02.01 (CORE PLUS) SUPERVISE MANAGED ON THE JOB TRAINING (MOJT) AND TECHNICAL TRAINING

CONDITIONS(S): Given references, materials, and equipment.

STANDARD(S): In accordance with the current 3M/MMS Manual.

PERFORMANCE STEPS:

1. Monitor, implement and ensure technical training is accomplished at least three hours every month.
2. Implement and monitor Managed On the Job Training to ensure it is conducted.
3. Review annual training schedules to ensure technical training is occurring at least three hours each month.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Unit Training Plan
4. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL

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TASK: 5959.02.02 (CORE PLUS) REVIEW TECHNICAL MAINTENANCE LIBRARY REQUIREMENTS

CONDITIONS(S): Given appropriate references, material, and equipment.

STANDARD(S): In accordance with current operational directives.

PERFORMANCE STEPS:

1. Inspect all technical publications on hand.
2. Ensure deficiencies are identified and resolved.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

2. DESKTOP PROCEDURES
3. OGRE Checklist
4. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL

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TASK: 5959.02.03 (CORE) REVIEW THE CURRENT EQUIPMENT ALLOWANCE LIST IN ALL AREAS

CONDITIONS(S): Given appropriate references, material, and equipment.

STANDARD(S): In accordance with current Directives and equipment allowance list.

PERFORMANCE STEPS:

1. Review the Equipment allowance list and take appropriate actions to ensure mission readiness.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List

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TASK: 5959.02.04 (CORE PLUS) REVIEW PLANNED MAINTENANCE SCHEDULES

CONDITIONS(S): Given T/O mission statement, a new mission, and references.

STANDARD(S): In accordance with current instructions, maintenance management systems manual.

PERFORMANCE STEPS:

1. Review the planned maintenance schedules for scheduling accuracy and completion as appropriate.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL

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Appendix M to  
ENCLOSURE (6)

TASK: 5959.02.05 (CORE PLUS) PLAN\REVIEW ANNUAL OPERATIONAL BUDGET

CONDITIONS(S): Given T/O mission statement, a new mission, and references.

STANDARD(S): In accordance with current directives and command guidance.

PERFORMANCE STEPS:

1. Assist in planning and preparation of annual budget and final submission of annual budget.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CURRENT FISCAL BUDGET FOR BASE/POST/STATION
3. Comptrollers Directives
4. DESKTOP PROCEDURES
5. Higher Headquarters Directives
6. Operational Order
7. Operational Plan

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TASK: 5959.02.06 (CORE PLUS) REVIEW COORDINATED SHIPBOARD ALLOWANCE LIST(COSAL)

CONDITIONS(S): Given T/O mission statement, a new mission, and references.

STANDARD(S): Per SPCCINST 4441.XXXX, COSAL use and Maintenance Manual.

PERFORMANCE STEPS:

1. Review COSAL for accuracy and completeness.
2. Submit COSAL feedback reports as required.
3. Supervise COSAL validation as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives

MCO 1510.126  
30 OCT 02

4. SPAWARINST 4700.9X, FMF ATC Systems and Equipment Maintenance and Logistics Support Policies and Procedures
5. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

Appendix M to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

SUPERVISE THE COORDINATING EFFORTS OF ALL SUBORDINATE SECTIONS AND ENSURE ALL MAINTENANCE ORDERS AN REGULATIONS ARE ADHERED TO.

TASK: 5959.03.01 (CORE PLUS) SUPERVISE THE INSTALLATION OF ATC SYSTEMS, SUB-SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): Per current directives.

PERFORMANCE STEPS:

1. Supervise the installation of equipment to ensure compliance with instructions and/or regulations.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL

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TASK: 5959.03.02 (CORE PLUS) CONDUCT QUALITY CONTROL SPOT CHECKS ON CORRECTIVE MAINTENANCE ACTIONS

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives and Maintenance Officer guidance.

PERFORMANCE STEPS:

1. Perform a spot check of corrective maintenance actions to ensure acceptable quality of work.
2. Document performance of spot check as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives

MCO 1510.126  
30 OCT 02

4. OGRE Checklist
5. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL

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TASK: 5959.03.03 (CORE PLUS) MANAGE THE REPAIR OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives.

PERFORMANCE STEPS:

1. Provide assistance on difficult repairs of a demanding nature, which are beyond the section level expertise.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
4. MCO P5090.2\_, Environmental Compliance and Protection Manual
5. MSDS, Material Safety Data Sheets
6. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5959.03.04 (CORE PLUS) SPOT CHECK PLANNED MAINTENANCE

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives.

PERFORMANCE STEPS:

1. Conduct a PMS Spot Check in accordance with current directives and Maintenance Officer guidance.
2. Document Spot Check, as required.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix M to  
ENCLOSURE (6)

2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. Maintenance Requirement Card
5. OGRE Checklist
6. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
7. MCO P5090.2\_, Environmental Compliance and Protection Manual
8. MSDS, Material Safety Data Sheets
9. OPNAVINST 4790.4X, SHIPS' 3-MAINTENANCE MATERIAL MANAGEMENT
10. OPNAVINST 4790.XX, Marine Air Traffic Control and Landing Systems Maintenance Plan (MMP)

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TASK: 5959.03.05 (CORE PLUS) SUPERVISE MODIFICATIONS TO EQUIPMENT

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with instructions and accepted standards.

PERFORMANCE STEPS:

1. Ensure that the equipment is modified per the modification instructions.
2. Ensure modification is documented in accordance with all appropriate references and orders (i.e.; MAF, TFBR, 4790/CK, COSAL Feedback Report, etc.)

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. OGRE Checklist
5. MAFIA, Maintenance Action Form In Access
6. MCO P5090.2\_, Environmental Compliance and Protection Manual
7. MSDS, Material Safety Data Sheets

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

SUPERVISE THE PROCESSING OF ALL ADMINISTRATIVE ACTIONS AND COORDINATE THE LOGISTICAL ASPECTS/REQUIREMENTS FOR ALL ATC EQUIPMENT.

TASK: 5959.04.01 (CORE PLUS) PROCESS PRODUCT QUALITY DEFICIENCY REPORT (PQDR)

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current supply directives and Maintenance Officer guidance.

PERFORMANCE STEPS:

1. Review PQDR for accuracy.
2. Submit through appropriate supply channels.
3. Log in and track PQDR until completion.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. MCO 4855.10, Product Quality Deficiency Report (PQDR)
5. NAVSUPPUB P-485, Afloat Supply Procedures

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TASK: 5959.04.02 (CORE PLUS) PROCESS A CASREP

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives and Maintenance Officer guidance.  
NWP 10-1-10

PERFORMANCE STEPS:

1. Review required information on draft CASREP.
2. Finalize CASREP using current directives and software.
3. Log/Route CASREP for release.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

Appendix M to  
ENCLOSURE (6)

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. MAFIA, Maintenance Action Form In Access
5. NWP 10-1-10/NWP 1-03.1, Operational Reports/Equipment Casualty Reporting-Chapter 4

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TASK: 5959.04.03 (CORE PLUS) PROCESS COSAL (COORDINATED SHIPBOARD ALLOWANCE LIST) FEEDBACK REPORT

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): Process COSAL per the reference.

PERFORMANCE STEPS:

1. Review and edit the COSAL Feedback report.
2. Log and forward the COSAL Feedback Report.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. OGRE Checklist
5. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

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TASK: 5959.04.04 (CORE) UTILIZE WORD PROCESSING, SPREADSHEET AND DATABASES SYSTEM SOFTWARE PACKAGES(NON-TACTICAL)

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): Use software per the references.

PERFORMANCE STEPS:

1. Attend current ADP schools for career enhancement and to improve job performance.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. DESKTOP PROCEDURES
2. MAFIA, Maintenance Action Form In Access

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TASK: 5959.04.05 (CORE PLUS) PRODUCE EQUIPMENT READINESS/STATUS REPORT

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): Produce the report per the references.

PERFORMANCE STEPS:

1. Analyze MAF Data/Report to determine readiness of equipment.
2. Determine equipment readiness/status using MAF Data.
3. Ensure all supply documentation is current.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
5. MAFIA, Maintenance Action Form In Access
6. SPAWARINST 4700.9X, FMF ATC Systems and Equipment Maintenance and Logistics Support Policies and Procedures

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TASK: 5959.04.06 (CORE PLUS) SUPERVISE THE REQUISITIONING OF ITEMS THROUGH THE SUPPLY SYSTEM

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives and Maintenance Officer guidance.

PERFORMANCE STEPS:

1. Ensure reconciliation of all documents is done with supply as required.
2. Ensure reconciliation of all documents are done as required with sections/Dets.

Appendix M to  
ENCLOSURE (6)

3. Ensure reconciliation of all documents are entered into MAF Data/Program.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. OGRE Checklist
5. FEDLOG, Federal Logistic Data on Compact Disk
6. MAFIA, Maintenance Action Form In Access
7. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
8. NAVSUPPUB P-485, Afloat Supply Procedures

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TASK: 5959.04.07 (CORE) RECOMMEND/PROVIDE INPUT TO FISCAL PLAN/ANNUAL BUDGET

CONDITIONS(S): Given a maintenance facility, personnel, appropriate equipment, a mission, commander's guidance, and references.

STANDARD(S): Assist the maintenance officer in the development of the maintenance budget per the references.

PERFORMANCE STEPS:

1. Review:
  - a. Historical fiscal data.
  - b. Training Exercise Execution Plan (TEEP).
  - c. Logistics requirements.
  - d. New equipment receipts.
  - e. Unconventional contractor maintenance requirements (e.g. LST-5 contractor maintenance).
  - f. TAD requirements for specialized technical training.
2. Based upon the review, document requirements.
3. Submit the budget for review/approval.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MGySgt

Appendix M to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
2. CURRENT FISCAL BUDGET FOR BASE/POST/STATION
3. Comptrollers Directives
4. DESKTOP PROCEDURES
5. Higher Headquarters Directives
6. MARINE MOBILE TEAM (MMT) STANDARD OPERATING PROCEDURES MANUAL
7. Operational Plan

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TASK: 5959.04.08 (CORE) PROCESS A 4790/CK SHIPS' CONFIGURATION CHANGE FORM

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives.

PERFORMANCE STEPS:

1. Receive the 4790/CK form from the work section.
2. Review for accuracy.
3. Obtain any required documentation from the supporting supply agency.
4. Submit to appropriate agency via internet/manual mode.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. DESKTOP PROCEDURES
4. Higher Headquarters Directives
5. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
6. SKED, Planned Maintenance Scheduler
7. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

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Appendix M to  
ENCLOSURE (6)

TASK: 5959.04.09 (CORE PLUS) CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with applicable directives.

PERFORMANCE STEPS:

1. Conduct periodic inspections of each section's maintenance administration to ensure accuracy, timeliness and accountability in accordance with current directives.
2. Conduct periodic inspections of all detachment's maintenance administration.
3. Conduct periodic inspections of maintenance administration for other MACS/ATC detachments, as requested.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. OGRE Checklist
5. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
6. MAFIA, Maintenance Action Form In Access

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TASK: 5959.04.10 (CORE) REVIEW MAINTENANCE DATA SYSTEM DOCUMENTATION (MDS) FOR ACCURACY, AS REQUIRED/NEEDED

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives and Maintenance Officer guidance.

PERFORMANCE STEPS:

1. Review maintenance data in the MDS.
2. Update maintenance data, as necessary.
3. Ensure accuracy and completeness of form/report.
4. Submit the final corrected version of the report to higher HQ.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MSgt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. OGRE Checklist
4. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
5. MAFIA, Maintenance Action Form In Access
6. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5959.04.11 (CORE PLUS) ANALYZE MAINTENANCE DATA

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives.

PERFORMANCE STEPS:

1. Collect all maintenance data. (i.e. DOCS, CASREP's, MAF's, QDR/ROD's, etc.)
2. Analyze data for discrepancies.
3. Identify detrimental trends in readiness, documentation and support .
4. Implement positive actions to correct deficiencies.
5. Perform periodic inspections of data and sections to ensure compliance.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. OGRE Checklist
5. 14203-0130039A, MAINTENANCE MANAGEMENT SYSTEM (MMS) MANUAL
6. MAFIA, Maintenance Action Form In Access
7. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
8. NAVSUP PUB 437, MILSTRIP/MILSTRAP Procedures
9. NAVSUPPUB P-485, Afloat Supply Procedures

Appendix M to  
ENCLOSURE (6)

10. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)

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TASK: 5959.04.12 (CORE PLUS) PROCESS REPORT OF DISCREPANCY (ROD)

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives.

PERFORMANCE STEPS:

1. Review ROD for completeness and accuracy.
2. Submit ROD through appropriate channels.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. DESKTOP PROCEDURES
  3. OGRE Checklist
  4. MAFIA, Maintenance Action Form In Access
  5. NAVSUPPUB P-485, Afloat Supply Procedures
  6. SPCCINST 4441.170A, COORDINATED SHIPBOARD PARTS ALLOWANCE (COSAL)
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TASK: 5959.04.13 (CORE PLUS) ADVISE THE MAINTENANCE OFFICER, DETACHMENT COMMANDER, AND/OR HIGHER HEADQUARTERS CONCERNING CAPABILITIES OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives and Maintenance Officer guidance.

PERFORMANCE STEPS:

1. Research and compile requested information.
2. Provide information concerning the capabilities of systems and equipment, as requested, by local commanders/higher headquarters.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

2. DESKTOP PROCEDURES
3. NAVAIR 00-80T-114, ATC FACILITIES MANUAL

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TASK: 5959.04.14 (CORE PLUS) REVIEW CALIBRATION READINESS

CONDITIONS(S): Given appropriate references, materials, and equipment.

STANDARD(S): In accordance with current directives and Maintenance Officer guidance.

PERFORMANCE STEPS:

1. Review the calibration program.
2. Review TMDE for priority codes of on-hand test equipment.
3. Verify MEASURE codes for on-hand test equipment.
4. Verify that the inventory report received from the supporting calibration agency accurately reflects on-hand test equipment.
5. Review the calibration due report received from the supporting calibration agency and calculate estimated annual calibration budget (when required).
6. Ensure on hand test equipment meets minimum requirements per current MRC's.
7. Ensure that calibration readiness is maintained at a level adequate to support primary end items.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. DESKTOP PROCEDURES
3. Higher Headquarters Directives
4. NAVY METROLOGY AND CALIBRATION PROGRAM (METCAL)
5. OGRE Checklist
6. MAFIA, Maintenance Action Form In Access
7. NAVAIRINST 4700.XX, Marine Air Traffic Control Allowance List
8. OPNNAVINST OP43P6A, MEASURE USERS MANUAL

Appendix M to  
ENCLOSURE (6)

MOS 5962, TACTICAL DATA SYSTEMS EQUIPMENT REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5962.01.01 (CORE PLUS) EMPLACE MARINE AIR COMMAND AND CONTROL SYSTEM SHELTER SUITE

CONDITIONS(S): Given the appropriate operational plan, personnel, and manuals.

STANDARD(S): Correctly perform the emplacement per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Site the equipment.
3. Anchor the shelter.
4. Ground the shelter.
5. Apply power.
6. Camouflage equipment.
7. Verify proper EMI procedures are adhered to.
8. Verify proper cable connections.
9. Verify equipment operation.
10. Provide local security.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. FMFM 6-5, The Marine Rifle Squad
3. TM 5-1080-200-13&P, Lightweight Camouflage Screen
4. TM 9406-15, Grounding Procedures
5. TM 9999-15/1, ESD Awareness Electro-Static Discharge

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TASK: 5962.01.02 (CORE) INSTALL TACTICAL DATA SYSTEMS HARDWARE

MCO 1510.126  
30 OCT 02

CONDITIONS(S): Given operational plans, personnel, and manuals.

STANDARD(S): Correctly install the hardware per the references.

PERFORMANCE STEPS:

1. Adhere to all safety requirements.
2. Install MACCS Common Hardware Systems.
3. Apply appropriate network security measures.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYY-2
  - b. AN/TYQ-101
  - c. AN/USC-55A
  - d. AFATDS
  - e. IOS
  - f. IOW
  - g. Marine Corp Common Hardware Suite

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TASK: 5962.01.03 (CORE) IMPLEMENT AN INTERNET PROTOCOL (IP) TACTICAL DATA NETWORK

CONDITIONS(S): Given a class A, B, C IP tactical data network.

STANDARD(S): Implement an IP tactical data network per the reference.

PERFORMANCE STEPS:

1. Interpret an IP network diagram.
2. Install/configure IP software on hosts and networks.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix N to  
ENCLOSURE (6)

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TASK: 5962.01.04 (CORE) CONFIGURE A TACTICAL DATA COMPUTER SUITE

CONDITIONS(S): Given a computer suite, operating system, and vendor supplied manuals.

STANDARD(S): Configure for operational use per the references.

PERFORMANCE STEPS:

1. Configure MACCS Common Hardware Equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly
3. OP PLAN, Operational Plan

ADMINISTRATIVE INSTRUCTIONS:

1. "Configure" implies installing and tailoring system software to meet user requirements per the operational plan.
2. This task includes but is not limited to the following items:
  - a. MACCS Common Hardware Suite

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TASK: 5962.01.05 (CORE) OPERATE A TACTICAL DATA COMPUTER USING AN OPERATING SYSTEM

CONDITIONS(S): Given a tactical data computer with software.

STANDARD(S): Operate a computer using the operating system per the references.

PERFORMANCE STEPS:

1. Conduct system start-up/shutdown.
2. Log-in to the workstation.
3. Change password.
4. Invoke on-line manual pages.
5. Edit a file using an editor.
6. Print a file.
7. Invoke input/output redirection.

MCO 1510.126  
30 OCT 02

8. Change file permissions.
9. Use operating system file utilities.
10. Use operating system communication utilities.
11. Use diagnostic utilities.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. "Operate" implies only those functions required for basic administration of the system. "Operate" does not imply that MOS 5962 will generate the Air Tasking Order.

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TASK: 5962.01.06 (CORE) MANAGE TACTICAL DATA SYSTEMS USER ACCOUNTS

CONDITIONS(S): Given a tactical data system, software, and appropriate references.

STANDARD(S): Manage the accounts per the reference.

PERFORMANCE STEPS:

1. Create, modify, delete appropriate files for user accounts.
2. Verify sufficient disk space, which exists for users.
3. Create/remove a home directory for user.
4. Change file permissions to enable/disable user file.
5. Configure user environment variables.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

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TASK: 5962.01.07 (CORE) MANAGE TACTICAL DATA SYSTEMS FILE SYSTEMS

Appendix N to  
ENCLOSURE (6)

CONDITIONS(S): Given a tactical data system and appropriate references.

STANDARD(S): File systems will be reviewed per the references.

PERFORMANCE STEPS:

1. Determine the type of operation system.
2. Format data storage media.
3. Partition data storage media.
4. Create file systems.
5. Modify file systems.
6. Mount/unmount file systems.
7. Export file systems.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

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TASK: 5962.01.08 (CORE) INSTALL MARINE CORPS AUTHORIZED SOFTWARE

CONDITIONS(S): Given a tactical data system computer configured with an operating system, Marine Corps authorized software, and vendor supplied manuals.

STANDARD(S): Install per the manuals provided with the software.

PERFORMANCE STEPS:

1. Install application software.
2. Configure software.
3. Configure system resources for new application software.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

MCO 1510.126  
30 OCT 02

TASK: 5962.01.09 (CORE) WRITE SCRIPT FILES

CONDITIONS(S): Given a tactical data computer and software.

STANDARD(S): Write scripts per the references.

PERFORMANCE STEPS:

1. Create a simple script.
2. Save a script.
3. Test script.
4. Execute script.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. C Shell
  - b. Bourne Shell
  - c. Korn Shell

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TASK: 5962.01.10 (CORE) CONDUCT SYSTEM BACK-UP AND RECOVERY ON TACTICAL DATA COMPUTERS

CONDITIONS(S): Given a tactical data computer with storage device.

STANDARD(S): Conduct System backup/recovery per the references.

PERFORMANCE STEPS:

1. Backup file(s), directories and file systems with system specific utilities.
2. Backup file(s), directories and file systems without system specific utilities.
3. Restore file(s), directories, and file systems with system specific utilities.
4. Restore file(s), directories, and file systems without system specific utilities.

Appendix N to  
ENCLOSURE (6)

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly
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TASK: 5962.01.11 (CORE) MAINTAIN SYSTEM PROCESSES

CONDITIONS(S): Given a tactical data computer and software.

STANDARD(S): The system process will be maintained per the references.

PERFORMANCE STEPS:

1. Define a system process.
2. Define the different types of processes.
3. Maintain system processes.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
  2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly
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TASK: 5962.01.12 (CORE) PROVIDE DATA COMMUNICATIONS LINKS

CONDITIONS(S): Given the equipment, personnel, and reference.

STANDARD(S): Establish links per the reference.

PERFORMANCE STEPS:

1. Establish TADIL A.
2. Establish TADIL B.
3. Establish TADIL J.
4. Establish all other tactical data feeds as required.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix N to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5962.03.01 (CORE) PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU

CONDITIONS(S): Given tactical data systems, diagnostic hardware/software, and vendor supplied manuals and Technical Manuals.

STANDARD(S): Identify and solve Tactical Data System problems per the manuals.

PERFORMANCE STEPS:

1. Identify hardware problems using diagnostic hardware/software.
2. Take actions to resolve the tactical data system problems.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYY-2
  - b. AN/TYQ-101
  - c. Marine Corps Common Hardware Suite
  - d. AFATDS
  - e. IOS
  - f. IOW

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TASK: 5962.03.02 (CORE) MAINTAIN TACTICAL DATA NETWORK SERVICES

CONDITIONS(S): Given a tactical data network of multiple servers.

STANDARD(S): Manage the network services per the references.

PERFORMANCE STEPS:

1. Define the Network File System (NFS) terminology.

MCO 1510.126  
30 OCT 02

MCO 1510.126  
30 OCT 02

2. Export file hierarchies with NFS.
3. Mount file hierarchies with NFS.
4. Define Network Information Service (NIS) terminology.
5. Configure a NIS domain.
6. Monitor the network utilizing available network analyzers and software.
7. Update network documentation/diagrams.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. This task applies but is not limited to the following:
  - a. AN/TYY-2
  - b. AN/TYQ-101
  - c. AN/USC-55A
  - d. AFATDS
  - e. TCO
  - f. IOW
  - g. Marine Corp Common Hardware Suite

6-N-10

Appendix N to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

6-N-11

Appendix N to  
ENCLOSURE (6)

MOS 5963, TACTICAL AIR OPERATIONS MODULE REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5963.01.01 (CORE) EMPLOY EQUIPMENT

CONDITIONS(S): Given a mission, commander's guidance, equipment, personnel, prepared site location, site plan, and references.

STANDARD(S): Properly emplace equipment per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Place equipment in accordance with site plan.
3. Ensure power cables reach power source.
4. Setup equipment.
5. Ensure proper grounding of equipment and power source.
6. Verify power configuration, to include phasing.
7. Camouflage equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module.
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 M/ADCP

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TASK: 5963.01.02 (CORE) VERIFY OPERATION OF EQUIPMENT

CONDITIONS(S): Given commander's intent, equipment, personnel, and references.

STANDARD(S): Ensure operational capability of equipment per the references.

MCO 1510.126  
30 OCT 02

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Energize equipment groups.
3. Observe initial fault indicators.
4. Perform system diagnostics.
5. Load operational software, if applicable.
6. Key cryptographic equipment, if applicable.
7. Verify operation of communication equipment.
8. Verify external interfaces, as required.
9. Verify operation of digital communication equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module.
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 M/ADCP

Appendix O to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix O to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5963.03.01 (CORE) PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

1. Adhere to safety procedures.
2. Verify fault.
3. Adhere to proper ESD procedures.
4. Remove and replace faulty LRU.
5. Perform operational check on repaired equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility (MOJT)
  - c. AN/MSQ-124 M/ADCP

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TASK: 5963.03.02 (CORE) PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE SRU

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.

Appendix O to  
ENCLOSURE (6)

2. Research applicable technical data to include schematics pertaining to the faulty equipment.
3. If available, follow corrective maintenance troubleshooting procedures.
4. Ensure adherence to Electro-Static Discharge program handling procedures.
5. Perform alignments.
6. Trace signal paths.
7. Identify faulty SRU.
8. Remove and replace faulty SRU.
9. Research authorized Modification and Technical Instructions (MI, TI).
10. Verify operation of replaced equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 System Level Equipment
  - b. AN/TYQ-23 Operator Interface Equipment
  - c. AN/TYQ-23 Voice Communications Equipment
  - d. AN/TYQ-23 Digital Communications Equipment

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TASK: 5963.03.03 (CORE) PERFORM FIBRE OPTIC MAINTENANCE ON TACTICAL FIBRE OPTIC CABLE ASSEMBLIES

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify fault utilizing test equipment, as applicable.
3. Requisition replacement/repair parts.

Appendix O to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

4. Perform a fiber optic splice or build a connector as applicable.
5. Verify repair.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Pvt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/MSQ-124 Air Defense Communications Platform

Appendix O to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix O to  
ENCLOSURE (6)

MOS 5970, DATA SYSTEMS MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5970.01.01 (CORE) SUPERVISE INSTALLATION ACTIVITIES OF TACTICAL DATA SYSTEMS(TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS)

CONDITIONS(S): Given a mission, equipment, commander's guidance, and personnel.

STANDARD(S): Per the references.

PERFORMANCE STEPS:

1. Supervise the sighting, installation, and operation of shelter systems.
2. Supervise the sighting, installation, and operation of tactical data systems.
3. Supervise the sighting, installation, and operation of communications equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23
  - b. AN/TYQ-87
  - c. AN/TYQ-101
  - d. AN/TYQ-1A
  - e. AN/MRQ-12
  - f. AN/MSQ-124
  - g. AN/USC-55A
  - h. TCO
  - i. IOW
  - j. Communications Equipment
  - k. TBMCS
  - l. Cryptographic Equipment

MCO 1510.126  
30 OCT 02

Appendix P to  
ENCLOSURE (6)

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5970.02.01 (CORE) PLAN SUPPORT FOR TACTICAL DATA SYSTEMS (TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS)

CONDITIONS(S): Given a mission, commander's guidance, equipment, personnel, and references.

STANDARD(S): Plan proper support for TDS per the commander's guidance.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Review warning order.
3. Review supported equipment density list.
4. Identify support requirements for:
  - a. Personnel.
  - b. Equipment.
5. Submit embarkation requirements.
6. Project site requirements.
7. Determine security/defense requirements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals

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TASK: 5970.02.02 (CORE) PLAN THE TACTICAL DEPLOYMENT OF A TDS SECTION

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Deploy TDS equipment to meet mission requirements stated in the concept of employment.

PERFORMANCE STEPS:

1. Provide input for load plans to embarkation officer for personnel and equipment.
2. Embark TDS equipment.
3. Arrange for special material handling and transportation equipment.
4. Maintain security.

MCO 1510.126  
30 OCT 02

5. Determine power requirements.
6. Install the TDS Section and facility.
7. Adhere to safety requirements.
8. Develop and maintain logistics support procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
2. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
3. UNIT SOP, Unit's Standing Operating Procedures
4. UNIT T/E, Table of Equipment
5. UNIT T/O, Table of Organization

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TASK: 5970.02.03 (CORE PLUS) DEVELOP EMERGENCY ACTION PLAN (EAP) FOR TACTICAL DATA SYSTEMS

CONDITIONS(S): Given personnel, equipment, and references.

STANDARD(S): To meet the commander's requirements.

PERFORMANCE STEPS:

1. Analyze the requirements.
2. Determine types of emergencies/accidental/hostile action.
3. Consider stage threats for hostile action emergencies:
  - a. Attack imminent.
  - b. Hostile action probable.
  - c. Operations in high risk environment.
4. Evaluate emergency destruction factors.
5. Consider emergency planning measures.
6. Identify required changes.
7. Submit EAP for review/approval.

Appendix P to  
ENCLOSURE (6)

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. CMS-21A, COMSEC Material System Policy & Procedures Manual
2. FMFM 3-30, Communications
3. NACSI NO. 4010, National COMSEC Instruction
4. NTP-4, Naval Telecommunications Procedures/Fleet
5. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
6. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation

MCO 1510.126  
30 OCT 02

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5970.03.01 (CORE PLUS) DEPLOY A FIELD MAINTENANCE ACTIVITY

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): To meet mission requirements stated in the concept of employment.

PERFORMANCE STEPS:

1. Provide input for load plans to embarkation officer for personnel and equipment.
2. Embark maintenance equipment.
3. Arrange for special material handling and transportation equipment.
4. Maintain security.
5. Determine power requirements.
6. Install the maintenance facility.
7. Adhere to safety requirements.
8. Develop and maintain logistics/support procedures.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
3. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
4. SECNAVINST P5530.13, Security Instruction F/SEN Convention (AA&E)
5. UNIT T/E, Table of Equipment
6. UNIT T/O, Table of Organization

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TASK: 5970.03.02 (CORE PLUS) CONDUCT A PRE-DEPLOYMENT INSPECTION

CONDITIONS(S): Given a mission, commander's intent, equipment, personnel, and references.

STANDARD(S): Conduct a pre-deployment inspection per the pre-deployment checklist.

PERFORMANCE STEPS:

Appendix P to  
ENCLOSURE (6)

1. Conduct a formal/informal pre-deployment inspection of a maintenance section.
2. Initiate actions required to correct deficiencies.
3. Conduct follow-up inspection as necessary.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Operational Order
  2. UNIT SOP, Unit's Standing Operating Procedures
- 

TASK: 5970.03.03 (CORE PLUS) DEPLOY A CONTACT TEAM

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Provided a contact team per the references.

PERFORMANCE STEPS:

1. Provide input for personnel and equipment.
2. Identify special material and transportation requirements.
3. Identify logistics/support requirements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. UNIT SOP, Unit's Standing Operating Procedures
  2. UNIT T/E, Table of Equipment
  3. UNIT T/O, Table of Organization
- 

TASK: 5970.03.04 (CORE PLUS) DIRECT THE MAINTENANCE OF THE TACTICAL DATA SYSTEMS (TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEMS (MACCS)

CONDITIONS(S): Given a maintenance shop, personnel, equipment, and references.

STANDARD(S): Maintain unit equipment at a Combat Readiness Level.

PERFORMANCE STEPS:

1. Determine maintenance capabilities.
2. Evaluate available personnel.

MCO 1510.126  
30 OCT 02

3. Evaluate available equipment.
4. Analyze workload.
5. Establish maintenance priorities.
6. Assign individual maintenance actions.
7. Inspect completed maintenance actions.
8. Assign corrective actions, as required.
9. Update turnover folder.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. UNIT SOP, Unit's Standing Operating Procedures
3. UNIT T/E, Table of Equipment

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TASK: 5970.03.05 (CORE) DIRECT TACTICAL DATA SYSTEMS MAINTENANCE SHOP PROCEDURES

CONDITIONS(S): Given a maintenance shop, facilities, commander's guidance, required personnel, appropriate equipment, and references.

STANDARD(S): Ensure the efficient conduct of the unit's equipment maintenance program per the references.

PERFORMANCE STEPS:

1. Review maintenance SOP.
2. Ensure procedures adhered to for the following:
  - a. Corrective maintenance.
  - b. Preventive maintenance.
  - c. Supply support.
  - d. Maintenance related programs.
  - e. Maintenance Management reports.
  - f. Safety.
  - g. Shipping and receiving.
  - h. Field operations.

Appendix P to  
ENCLOSURE (6)

- i. Training.
- j. Equipment accountability.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 4700-15/1, Equipment Record Procedures
3. MCO 4855.10, Product Quality Deficiency Report (PQDR)
4. MCO P4400.150, Consumer Level Supply Policy Manual
5. MCO P4790.2\_, MIMMS Field Procedures Manual
6. MCRP 3-0A, Unit Training Management Guide
7. MCRP 3-0B, How To Conduct Training
8. TM 9406-15, Grounding Procedures
9. TM 9999-15/1, ESD Awareness Electro-Static Discharge
10. UNIT SOP, Unit's Standing Operating Procedures
11. UNIT T/E, Table of Equipment

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TASK: 5970.03.06 (CORE PLUS) BRIEF COMMANDER ON EQUIPMENT READINESS OF A MAINTENANCE SECTION

CONDITIONS(S): Given maintenance reports, commander's guidance, and references.

STANDARD(S): Provide the brief per the commander's requirements.

PERFORMANCE STEPS:

1. Review commander's guidance.
2. Review MCGERR management reports.
3. Review Maintenance Management reports.
4. Gather/share specific information.
5. Evaluate equipment readiness.
6. Prepare the brief.
7. Deliver the brief.

MCO 1510.126  
30 OCT 02

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. FMFM 3-1, Command and Staff Action
2. MCBUL 3000.11B, MARES Introduction Policy Manual
3. MCO P4790.2\_, MIMMS Field Procedures Manual

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TASK: 5970.03.07 (CORE PLUS) ADVISE THE COMMANDER ON TECHNOLOGICAL INTERFACE COMPATIBILITIES OF DOD/NON-DOD AND TACTICAL DATA SYSTEMS WITHIN THE MARINE AIR COMMAND CONTROL SYSTEMS

CONDITIONS(S): Given operational scenario and references.

STANDARD(S): Provide the brief per the commander's requirements.

PERFORMANCE STEPS:

1. Review the interface characteristics of tactical data systems.
2. Review the interface characteristics of cryptographic equipment.
3. Review the interface capabilities of communications equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: W01

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. JCS PUB 6-05.1 THROUGH 6-05.7, Employment of Joint Tactical Communication Systems: Joint Communications System Management

Appendix P to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

Appendix P to  
ENCLOSURE (6)

MOS 5974, TACTICAL DATA SYSTEMS ADMINISTRATOR

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5974.01.01 (CORE) MAINTAIN MARINE CORPS AUTHORIZED SOFTWARE

CONDITIONS(S): Given a tactical data computer configured with an operating system, Marine Corps authorized software, and reference.

STANDARD(S): Maintain the software per the reference.

PERFORMANCE STEPS:

1. Identify updates for all software.
2. Apply updates to current software.
3. Notify technical support personnel for assistance when needed.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
- 

TASK: 5974.01.02 (CORE) WRITE ADVANCED SCRIPT FILES

CONDITIONS(S): Given a tactical data computer, software, and script requirement.

STANDARD(S): Write advanced script files per the reference.

PERFORMANCE STEPS:

1. Create an advanced script file.
2. Save the script.
3. Execute the script.
4. Test the script.
5. Create NFS automounter maps.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. Bourne
  - b. Korn
  - c. C Shell

---

TASK: 5974.01.03 (CORE) MANAGE TACTICAL DATA SYSTEM PERFORMANCE

CONDITIONS(S): Given an installed and operational tactical data system, connectivity diagrams, and personnel.

STANDARD(S): Properly maintain the tactical data system per the references.

PERFORMANCE STEPS:

1. Monitor the system utilizing available network analyzers and software.
2. Update system documentation/diagrams.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYY-2
  - b. AN/TYQ-101
  - c. AN/USC-55A
  - d. AFATDS
  - e. IOW/IOS
  - f. Marine Corp Common Hardware Suite

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TASK: 5974.01.04 (CORE) CONFIGURE MULTIPLE TACTICAL DATA SYSTEMS NETWORK

Appendix Q to  
ENCLOSURE (6)

CONDITIONS(S): Given a tactical data systems network with multiple servers.

STANDARD(S): The tactical data network will be configured per the references.

PERFORMANCE STEPS:

1. Configure routers.
2. Configure switches.
3. Use network utilities.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5974.02.01 (CORE PLUS) PLAN TACTICAL DATA SYSTEM NETWORK ARCHITECTURE

CONDITIONS(S): Given connectivity requirements.

STANDARD(S): Plan network architecture per the reference.

PERFORMANCE STEPS:

1. Examine connectivity requirements.
2. Diagram area to be installed.
3. Ensure sufficient equipment on hand.
4. Review applicable directives.
5. Develop the plan.
6. Ensure adherence to tactical data systems security procedures.
7. Analyze current tactical data network security procedures.
8. Recommend solutions to identified vulnerabilities.
9. Implement corrections to secure network.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYY-2
  - b. AN/TYQ-101
  - c. AN/USC-55A
  - d. AFATDS
  - e. IOW/IOS
  - f. Marine Corp Common Hardware Suite

Appendix Q to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5974.03.01 (CORE) PERFORM TROUBLESHOOTING OF TACTICAL DATA SYSTEM PROBLEMS TO THE SRU

CONDITIONS(S): Given a tactical data system problem, using diagnostic hardware/software, and references.

STANDARD(S): Bring the system to a fully operational state per the references.

PERFORMANCE STEPS:

1. Identify hardware problems using diagnostic hardware/software.
2. Take appropriate actions to resolve the tactical data system.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. ESSENTIAL SYSTEM ADMINISTRATION, O'Reilly

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the MSCS.

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TASK: 5974.03.02 (CORE) TROUBLESHOOT TACTICAL DATA LINKS

CONDITIONS(S): Given an inoperable data link, personnel, and references.

STANDARD(S): Troubleshoot the data link per the references.

PERFORMANCE STEPS:

1. Liaison with outside agencies.
2. Consult Annex K.
3. Consult with the CMS callout.
4. Consult with the ICO.
5. Implement corrective action.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

MCO 1510.126  
30 OCT 02

1. Applicable Technical Publications/Manuals
2. Operational Order

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. TADIL-A
  - b. TADIL-B
  - c. TADIL-J

Appendix Q to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix Q to  
ENCLOSURE (6)

MOS 5979, TACTICAL AIR OPERATIONS MODULE TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5979.01.01 (CORE) SUPERVISE THE EMPLOYMENT OF EQUIPMENT

CONDITIONS(S): Given a mission, commander's guidance, equipment, personnel, prepared site location, site plan, and references.

STANDARD(S): Properly emplace equipment per the references.

PERFORMANCE STEPS:

1. Supervise the adherence to safety requirements.
2. Supervise the placement of equipment in accordance with the site plan.
3. Ensure power cables reach power source.
4. Supervise the setup of equipment.
5. Ensure proper grounding of equipment and power source.
6. Verify power configuration, to include phasing.
7. Verify operational status of equipment.
8. Supervise the camouflage of equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 Air Defense Communications Platform

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TASK: 5979.01.02 (CORE) VERIFY OPERATIONAL STATUS OF TACTICAL DATA SYSTEMS

CONDITIONS(S): Given commander's intent, equipment, personnel, and references.

MCO 1510.126  
30 OCT 02

STANDARD(S): Ensuring operational capability of equipment per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Ensure equipment groups are energized properly.
3. Supervise the use of system diagnostics.
4. Verify the proper function of operational software.
5. Verify cryptographic equipment as operational.
6. Verify operation of communication equipment.
7. Verify external interfaces, as required.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 Air Defense Communications Platform

Appendix R to  
ENCLOSURE (6)

DUTY AREA 02 - MAINTENANCE PLANNING

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5979.02.01 (CORE) PLAN SUPPORT FOR TACTICAL DATA SYSTEMS

CONDITIONS(S): Given mission, commander's guidance, equipment, personnel, and the references.

STANDARD(S): Ensuring operational deployment requirements are met per the references.

PERFORMANCE STEPS:

1. Perform / review site survey.
2. Review Equipment Density List.
3. Submit Maintenance Float support requirement.
4. Submit Bill of Materials (BOM).
5. Verify Logistic requirements are met.
6. Verify Utilities/Engineer support for Tactical Data Systems.
7. Verify SASSY support will/will not be available.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 Air Defense Communications Platform

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TASK: 5979.02.02 (CORE) PLAN SUPPORT FOR MACCS AGENCY (TACC,MASS,MACS,ATC DET)

CONDITIONS(S): Given mission, commander's guidance, equipment, personnel, and the references.

STANDARD(S): Ensure operational deployment requirements are met per the references.

PERFORMANCE STEPS:

MCO 1510.126  
30 OCT 02

1. Review Letter of Instruction.
2. Review Operations TASKing LINK (OPTASKLINK) Order for external interface requirements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: SSgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 Air Defense Communications Platform

Appendix R to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

TASK: 5979.03.01 (CORE) SUPERVISE CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

1. Supervise verification of fault.
2. Ensure proper ESD procedures are utilized.
3. Supervise removal/replacement of faulty LRU.
4. Ensure operational checks are completed on repaired equipment.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. TM 9999-15/1, ESD Awareness Electro-Static Discharge
3. UNIT SOP, Unit's Standing Operating Procedures

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 Air Defense Communications Platform

---

TASK: 5979.03.02 (CORE) PERFORM CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE SRU

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

MCO 1510.126  
30 OCT 02

1. Adhere to safety requirements.
2. Research applicable technical data to include schematics pertaining to the faulty equipment.
3. If available, follow corrective maintenance troubleshooting procedures.
4. Ensure adherence to Electro-Static Discharge program handling procedures.
5. Perform alignments.
6. Trace signal paths.
7. Identify faulty SRU/components.
8. Remove and replace faulty SRU/components.
9. Verify operation of replaced equipment.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items.
  - a. AN/TYQ-23 Radar Interface Equipment
  - b. AN/TYQ-23 Data Processing Equipment
  - b. AN/TYQ-23 TAOM Interface Group
  - c. AN/TYQ-87 Sector Anti Air Warfare Facility
  - d. AN/MSQ-124 Air Defense Communications Platform

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TASK: 5979.03.03 (CORE) PERFORM SYSTEM SOFTWARE CONFIGURATION IN TACTICAL DATA SYSTEMS

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

1. Verify correct software configuration.
2. Reload operational software as required.

Appendix R to  
ENCLOSURE (6)

3. Change IP address as required.
4. Change host name of system.
5. Verify operation of the system.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility
  - c. AN/MSQ-124 Air Defense Communications Platform

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TASK: 5979.03.04 (CORE) PERFORM CORRECTIVE MAINTENANCE ON FIBER-OPTIC DEVICES

CONDITIONS(S): Given faulty equipment, assigned maintenance area, tools, TMDE, and references.

STANDARD(S): Make fully operational per the references.

PERFORMANCE STEPS:

1. Adhere to safety requirements.
2. Verify fault utilizing test equipment, as applicable.
3. Perform repairs.
4. Verify repair.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: Sgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

ADMINISTRATIVE INSTRUCTIONS:

1. This task includes but is not limited to the following items:
  - a. AN/TYQ-23 Tactical Air Operations Module
  - b. AN/TYQ-87 Sector Anti Air Warfare Facility

MCO 1510.126  
30 OCT 02

- c. AN/MSQ-124 Air Defense Communications Platform
- d. AN/TYQ-23 TAOM Interface Group

Appendix R to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

For a complete task list in this duty area include all of the tasks for the appropriate grade and duty area from MOS 5900 BASIC ELECTRONICS MAINTENANCE MARINE.

Appendix R to  
ENCLOSURE (6)

MOS 5993, ELECTRONICS MAINTENANCE CHIEF

DUTY AREA 01 - OPERATIONAL ACTIONS

TASK: 5993.01.01 (CORE) DEPLOY A MAINTENANCE ACTIVITY

CONDITIONS(S): Given a mission, equipment, personnel, and references.

STANDARD(S): Install maintenance personnel and equipment, per the concept of employment and the references.

PERFORMANCE STEPS:

1. Ensure personnel are prepared for deployment, to include administrative check lists.
2. Establish load plans for personnel and equipment.
3. Arrange for special material handling and transportation equipment.
4. Select site location after considering:
  - a. Space requirements.
  - b. Terrain features.
  - c. Access routes.
  - d. Proximity to supported units.
  - e. Proximity to logistic support.
5. Determine power requirements.
6. Establish the maintenance facility.
7. Adhere to the safety requirements.
8. Determine logistics/support procedures.
9. Maintain logistics/support procedures.
10. Maintain security.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. CMR, Consolidated Memorandum Receipt
2. MCO P4790.2\_, MIMMS Field Procedures Manual
3. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program

MCO 1510.126  
30 OCT 02

4. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
5. SECNAVINST P5530.13, Security Instruction F/SEN Convention (AA&E)
6. UNIT SOP, Unit's Standing Operating Procedures
7. UNIT T/O, Table of Organization

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TASK: 5993.01.02 (CORE) ESTABLISH COMMUNICATION-ELECTRONIC MAINTENANCE SHOP PROCEDURES

CONDITIONS(S): Given a maintenance shop for a Marine Air Control Squadron or comparable size unit, commander's guidance, required personnel, appropriate equipment, and references.

STANDARD(S): Implement procedures to ensure the efficient conduct of the unit's equipment maintenance program per the reference.

PERFORMANCE STEPS:

1. Review unit SOP, T/O and mission statement.
2. Institute procedures for the following:
  - a. Corrective maintenance.
  - b. Preventive maintenance.
  - c. Supply support.
  - d. Maintenance related programs.
  - e. MIMMS.
  - f. Safety.
  - g. Shipping and receiving.
  - h. Field operations.
  - i. Training.
  - j. Equipment accountability.
  - k. Program inspections in conjunction with the Maintenance Management Officer.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

Appendix S to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

2. MCO P4790.2\_, MIMMS Field Procedures Manual

Appendix S to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

DUTY AREA 02 - MAINTENANCE PLANNING

TASK: 5993.02.01 (CORE) PLAN NEW EQUIPMENT FIELDING

CONDITIONS(S): Given a letter of adoption and procurement (LAP), material fielding plan (MFP), and references.

STANDARD(S): Ensuring that the equipment is complete and maintenance resources available per the references.

PERFORMANCE STEPS:

1. Review MFP.
2. Supervise the review of the initial fielding and submit recommendations for corrective actions.
3. Review publication requirements and requisition deficiencies.
4. Identify technical training requirements.
5. Initiate appropriate action to remedy technical training requirement deficiencies.
6. Supervise the review of technical publications for accuracy.
7. Submit appropriate changes to the technical publications library.
8. Supervise the review of requirements for special tools, adapters, jigs etc., and requisition deficiencies.
9. Prepare budget for new equipment maintenance.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMR, Consolidated Memorandum Receipt
3. FEDLOG, Federal Logistic Data on Compact Disk
4. MCO P4790.2\_, MIMMS Field Procedures Manual
5. MCO P5090.2\_, Environmental Compliance and Protection Manual
6. MSDS, Material Safety Data Sheets

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TASK: 5993.02.02 (CORE) ASSIST IN THE PLANNING FOR TACTICAL DEPLOYMENT OF MACCS AGENCIES

Appendix S to  
ENCLOSURE (6)

CONDITIONS(S): Given a mission statement, Commander's guidance, and references.

STANDARD(S): Plan the deployment per the references.

PERFORMANCE STEPS:

1. Review warning order.
2. Review Commander's guidance.
3. Review supported equipment density to include MPS, pre-staged, and power.
4. Identify support requirements to include the following:
  - a. Personnel.
  - b. Equipment.
  - c. Allied service support.
  - d. Utilities support.
  - e. Frequency Request.
  - f. COMSEC Requirements.
  - g. Other Support as required.
5. Make recommended changes to class 9 supply block, as required.
6. Make recommended changes to float block as required.
7. Provide input for operational plan, as required.
8. Submit embarkation requirements.
9. Project site requirements.
10. Determine Security/Defense requirements.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. MCO 4700-15/1, Equipment Record Procedures
4. MPS, Load Plan
5. UNIT SOP, Unit's Standing Operating Procedures
6. UNIT T/E, Table of Equipment

MCO 1510.126  
30 OCT 02

7. UNIT T/O, Table of Organization

Appendix S to  
ENCLOSURE (6)

DUTY AREA 03 - MAINTENANCE ACTIONS

TASK: 5993.03.01 (CORE) DIRECT MAINTENANCE ACTIONS

CONDITIONS(S): Given maintenance personnel and Marine Air Command and Control equipment.

STANDARD(S): Maintain unit C-E equipment at Combat Readiness Level C-2 or higher per the references.

PERFORMANCE STEPS:

1. Determine maintenance capabilities.
2. Evaluate available personnel.
3. Evaluate available equipment.
4. Ensure maintenance is performed in compliance with unit E3 program.
5. Analyze workload.
6. Establish maintenance priorities.
7. Assign special projects, as required.
8. Inspect completed maintenance actions.
9. Assign corrective actions, as required.
10. Establish shop organization.
11. Analyze maintenance and supply reports.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. MCO P5090.2\_, Environmental Compliance and Protection Manual
5. MCWP 5-1, Marine Corps Planning Process
6. MCWP 6-22, Communications and Information Systems
7. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5993.03.02 (CORE) BRIEF MAINTENANCE OFFICER ON EQUIPMENT READINESS

Appendix S to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

CONDITIONS(S): Given maintenance reports, Commander's guidance, and references.

STANDARD(S): Advise the Maintenance officer per the references.

PERFORMANCE STEPS:

1. Review Commander's guidance.
2. Review MARES management reports.
3. Review MIMMS reports.
4. Gather/Share specific information.
5. Evaluate equipment readiness.
6. Prepare the brief.
7. Deliver the brief.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO P4790.2\_, MIMMS Field Procedures Manual
3. MCWP 6-22, Communications and Information Systems

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TASK: 5993.03.03 (CORE) INSPECT MAINTENANCE PRODUCTION

CONDITIONS(S): Given a maintenance facility, personnel, equipment, and references.

STANDARD(S): Ensuring quality and efficiency are maintained per the references.

PERFORMANCE STEPS:

1. Conduct Formal/Informal Inspection.
2. Initiate action required to correct deficiencies.
3. Initiate follow-up inspection, as required.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. MCO 4700-15/1, Equipment Record Procedures

Appendix S to  
ENCLOSURE (6)

3. MCO P4790.2\_, MIMMS Field Procedures Manual
4. MCO P5090.2\_, Environmental Compliance and Protection Manual
5. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5993.03.04 (CORE) PROVIDE AUTHORITATIVE STAFF SUPPORT FOR THE AC/S G6 IN AREAS RELATING TO THE MAINTENANCE OF MACCS EQUIPMENT

CONDITIONS(S): Given the AC/S G6's guidance and applicable references.

STANDARD(S): Advise the AC/S G6 per the reference.

PERFORMANCE STEPS:

1. Review correspondence from senior/subordinate agencies.
2. Respond to, forward or route correspondence as required.
3. Assist in the development of policy for Major Subordinate Commands (MSCs).
4. Provide, as a Subject Matter Expert (SME), technical data on MACCS peculiar equipment to the AC/S G6.
5. Represent the AC/S G6 as a Subject Matter Expert for MACCS maintenance concerns.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals

MCO 1510.126  
30 OCT 02

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

TASK: 5993.04.01 (CORE) DRAFT EMERGENCY ACTION PLAN (EAP)

CONDITIONS(S): Given an inventory of CMS materials, designated equipment, personnel, Commander's guidance, tools, and references.

STANDARD(S): Ensuring appropriate response to possible emergencies per the references.

PERFORMANCE STEPS:

1. Determine types of emergencies-accidental hostile action.
2. Consider stage threats for hostile action emergencies:
  - a. Attack imminent.
  - b. Hostile action probable.
  - c. Operations in high risk environment.
3. Evaluate emergency destruction factors.
4. Consider emergency planning measures.
5. Determine required destruction methods for specific materials.
6. Submit plan for review.

INITIAL TRAINING SETTING: FLC Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. CMS-21A, COMSEC Material System Policy & Procedures Manual
3. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
4. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
5. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5993.04.02 (CORE) DRAFT TACTICAL DATA/COMMUNICATIONS-ELECTRONIC MAINTENANCE SOP

CONDITIONS(S): Given a mission, T/O, T/E, Commander's guidance, and references.

STANDARD(S): Ensure it will prescribe and standardize the maintenance responsibilities for the unit per the references.

PERFORMANCE STEPS:

Appendix S to  
ENCLOSURE (6)

1. Analyze mission, directives, policy guidance, and references.
2. Draft SOP to include the following:
  - a. Safety procedures.
  - b. Maintenance procedures.
  - c. Training goals.
  - d. Security (physical, transmission, emission, cryptographic, COMSEC).
  - e. Command and Control.
  - f. Operational procedures.
  - g. Embarkation procedures.
  - h. Reports (administrative & operational).
  - i. ECCM.
  - j. Continuing actions of Marines.
  - k. Emergency Action Plan.
3. Staff SOP within unit for review.
4. Submit to Maintenance/Commanding Officer for approval.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Applicable Technical Publications/Manuals
2. 29 CFR1910.1200, Hazard Communications
3. MCWP 5-1, Marine Corps Planning Process
4. MCWP 6-22, Communications and Information Systems
5. SECNAVINST 5510.30\_, Department of the Navy Personnel Security Program
6. SECNAVINST 5510.36, Department of the Navy Information Security Program Regulation
7. UNIT SOP, Unit's Standing Operating Procedures

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TASK: 5993.04.03 (CORE) RECOMMEND/PROVIDE INPUT TO FISCAL PLAN

CONDITIONS(S): Given a maintenance facility, personnel, appropriate equipment, a

Appendix S to  
ENCLOSURE (6)

MCO 1510.126  
30 OCT 02

mission, commander's guidance, and references.

STANDARD(S): Assist the maintenance officer in the development of the maintenance budget per the references.

PERFORMANCE STEPS:

1. Review:
  - a. Historical fiscal data.
  - b. Training Exercise Execution Plan (TEEP).
  - c. Logistics requirements.
  - d. New equipment receipts.
  - e. Unconventional contractor maintenance requirements (e.g. LST-5 contractor maintenance).
  - f. TAD requirements for specialized technical training.
2. Based upon the review, document requirements.
3. Submit the budget for review/approval.

INITIAL TRAINING SETTING: MOJT Sustainment: 12 Req By: MGySgt

REFERENCE(S):

1. Comptrollers Directives
2. MAGFARS

Appendix S to  
ENCLOSURE (6)

SUMMARY/INDEX OF INDIVIDUAL TRAINING STANDARDS BY SPECIFIC CATEGORY (MOJT, DL, PST)

1. This enclosure summarizes the Individual Training Standards (ITS) according to three categories:

Appendix A: ITSS Trained via Managed On-The-Job Training (MOJT)

Appendix B: ITSS Supported by Distance Learning (DL) Products

Appendix C: ITSS Supported by Performance Support Tools (PST)

2. If no information is applicable to a category, the appendix will include a statement to that effect.

3. Format. The columns in each appendix are as follows:

a. SEQ. Sequence Number. This number dictates the order in which tasks for a given duty area are displayed.

b. TASK. ITS Designator. This is the permanent designator assigned to the task when it is created.

c. TITLE. ITS Task Title.

d. CORE. An "X" appears in this column when the task is designated as a "core" task required to "make" a Marine or qualify that Marine for the appropriate MOS. The absence of an "X" indicates that this is an advanced ("core plus") task that is mission, grade, or billet specific.

e. FLC. Functional Learning Center. An "X" appears in this column when the FLC is designated as the initial training setting. The absence of an "X" indicates that the initial training is accomplished through Managed On-The-Job Training (MOJT).

f. DL. Distance Learning (DL) Product. An "X" in this column indicates that at least one DL product is associated with this task. Consult enclosure (6) for details.

g. PST. Performance Support Tool (PST). An "X" in this column indicates that at least one PST is associated with this task. Consult enclosure (6) for details.

h. SUS. Sustainment Training Period. An entry in this column represents the number of months between evaluation or retraining by the unit to maintain the proficiency required by the standard, provided the task supports the unit's METL.

i. REQ BY. Required By. An entry in this column depicts the lowest grade required to demonstrate proficiency in this task.

j. PAGE. Page Number. This column lists the number of the page in enclosure (6) that contains detailed information concerning this task.

ENCLOSURE (7)



SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
14)	5900.04.14	SUPERVISE USE OF CRYPTOGRAPHIC MATERIAL	X				12	Sgt	6-A-26

MOS 5902, ELECTRONICS MAINTENANCE OFFICER (AVIATION)

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5902.01.01	PERFORM AS ELECTRONICS MAINTENANCE OFFICER (MACS TAOC/AIR BASES)					12	Capt	6-B-1
2)	5902.01.02	MANAGE STAFF OF ACQUISITION AND EQUIPMENT SPECIALISTS FOR SECTION OF MARINE CORPS SYSTEMS COMMAND (MARCORSYSCOM)					12	Capt	6-B-1
3)	5902.01.03	PERFORM AS AVIATION ELECTRONICS MAINTENANCE REQUIREMENTS OFFICER					12	Maj	6-B-2
4)	5902.01.04	SERVE AS AN ELECTRONICS MAINTENANCE OFFICER TO SUPPORT FORMAL TRAINING. (MCCES/MATTC)					12	Capt	6-B-3
5)	5902.01.05	SPONSOR 5900 OCCUPATIONAL FIELD. (APC5)					12	LtCol	6-B-4
6)	5902.01.06	BRIEF COMMANDER ON EQUIPMENT READINESS. (MACCS)					12	Capt	6-B-4
7)	5902.01.07	SUPERVISE THE MANAGEMENT OF THE UNIT'S COMSEC MATERIAL SYSTEM (CMS)/ ELECTRONIC KEY MANAGEMENT SYSTEM (EKMS) ACCOUNT	X				12	Capt	6-B-5
8)	5902.01.08	PROVIDE INPUT TO HIGHER HEADQUARTERS CONCERNING INTEGRATION OF MARINE AIR TRAFFIC CONTROL SYSTEMS AND MARINE AIR COMMAND AND CONTROL SYSTEMS	X				12	Capt	6-B-6
9)	5902.01.09	PROVIDE AUTHORITATIVE STAFF SUPPORT FOR THE AC/S G-6 IN AREAS RELATING TO THE MAINTENANCE OF MACCS EQUIPMENT	X				12	Maj	6-B-6
12)	5902.01.12	SUPERVISE INSTALLATION OF INFORMATION SYSTEMS	X				12	Capt	6-B-8
15)	5902.01.15	DRAFT COMSEC POLICIES AND PROCEDURES					12	Capt	6-B-10

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5902.02.01	FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE FOR AVIATION AND GROUND ELECTRONIC SYSTEMS	X				12	Capt	6-B-14
2)	5902.02.02	FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE OF TACTICAL DATA AND VOICE COMMUNICATIONS IN SUPPORT OF MAGTF AND JOINT SERVICE EXERCISES	X				12	Capt	6-B-15
3)	5902.02.03	FORMULATE A PLAN FOR THE INSTALLATION, OPERATION AND MAINTENANCE FOR GARRISON/TACTICAL INFORMATION SYSTEMS INFRASTRUCTURE	X				12	Maj	6-B-16
4)	5902.02.04	SUBMIT ESTIMATES AND JUSTIFICATION FOR FISCAL YEAR FUNDING AND MID YEAR REVIEWS					12	Capt	6-B-18
5)	5902.02.05	ANNUALLY VALIDATE SECONDARY REPAIRABLE REQUIREMENTS					12	Capt	6-B-18

DUTY AREA 03 - MAINTENANCE ACTIONS

Appendix A to  
ENCLOSURE (7)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
1)	5902.03.01	MANAGE ACTIVITIES IN THE INSTALLATION, OPERATION AND MAINTENANCE OF AVIATION AND GROUND ELECTRONIC EQUIPMENT AND SYSTEMS	X				12	Capt	6-B-20
2)	5902.03.02	SUPERVISE TRAINING FOR ELECTRONICS MAINTENANCE PERSONNEL					12	Capt	6-B-20
3)	5902.03.03	MANAGE THE INSTALLATION, OPERATION AND MAINTENANCE OF TACTICAL DATA AND VOICE COMMUNICATIONS IN SUPPORT OF MAGTF AND JOINT SERVICE EXERCISES	X				12	Capt	6-B-21
4)	5902.03.04	MANAGE THE INSTALLATION, OPERATION AND MAINTENANCE FOR GARRISON/TACTICAL INFORMATION SYSTEMS INFRASTRUCTURE	X				12	Maj	6-B-22
5)	5902.03.05	MANAGE THE EMPLOYMENT, INTEGRATION AND MAINTENANCE OF INFORMATION TECHNOLOGY RESOURCES TO INCLUDE HARDWARE AND SOFTWARE	X				12	Maj	6-B-23

DUTY AREA 04 - ADMINISTRATION AND LOGISTICAL ACTIONS

1)	5902.04.01	DIRECT THE ELECTRONIC MAINTENANCE SUPPORT PROGRAMS					12	Capt	6-B-24
2)	5902.04.02	SUPERVISE MAINTENANCE PRODUCTION					12	Capt	6-B-25
3)	5902.04.03	ENSURE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO ORGANIC COMMUNICATION AND ELECTRONIC SYSTEMS					12	Capt	6-B-26
4)	5902.04.04	MANAGE MACCS C4I CONTRACTOR LOGISTICAL SUPPORT (CLS) PROGRAM FOR THE MARINE CORPS (MCLB ALBANY)					12	Capt	6-B-27
5)	5902.04.05	PREPARE A BUDGET					12	Capt	6-B-28

MOS 5910, AVIATION RADAR MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5910.01.01	CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION					12	WO1	6-C-1
4)	5910.01.04	PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER PERTAINING TO SITING OF AVIATION RADAR SYSTEMS					12	WO1	6-C-2
5)	5910.01.05	PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER IN DEVELOPING THE UNIT'S COMMUNICATIONS PLAN					12	WO1	6-C-3
6)	5910.01.06	SUPERVISE THE ACTIVITIES IN THE INSTALLATION OF AVIATION RADAR SYSTEMS					12	WO1	6-C-4
8)	5910.01.08	SUPERVISE THE OPERATION OF AVIATION RADAR SYSTEMS					12	WO1	6-C-5

DUTY AREA 02 - MAINTENANCE PLANNINGS

3)	5910.02.03	PROVIDE INPUT FOR UNIT'S BUDGET SUBMISSION					12	WO1	6-C-8
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Appendix A to  
ENCLOSURE (7)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
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DUTY AREA 03 - MAINTENANCE ACTIONS

2)	5910.03.02	DIRECT AVIATION RADAR SYSTEMS AND SHORAD X MAINTENANCE SUPPORT PROGRAMS						12	W01	6-C-10
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MOS 5912, Avenger System Maintainer

DUTY AREA 01 - OPERATIONAL ACTIONS

2)	5912.01.02	PERFORM SYSTEM INITIALIZATION OF AN/TWQ-1						6	Pvt	6-D-1
3)	5912.01.03	SUPERVISE SYSTEM INITIALIZATION OF AN/TWQ-1						12	Sgt	6-D-2

DUTY AREA 03 - MAINTENANCE ACTIONS

3)	5912.03.03	PERFORM ALIGNMENTS ON THE AN/TWQ-1						6	Pvt	6-D-6
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MOS 5937, AVIATION RADIO REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

2)	5937.01.02	SUPERVISE THE INSTALLATION OF MACCS AVIATION GROUND ELECTRONICS SYSTEMS						12	LCpl	6-E-1
3)	5937.01.03	PERFORM SITE SELECTION FOR THE AN/TSQ-207						6	Sgt	6-E-3
7)	5937.01.07	PERFORM INSTALLATION OF AN/UYQ-3A FOR AIRBORNE OPERATION						6	Pvt	6-E-5
10)	5937.01.10	ERECT COMMUNICATION ANTENNAS						6	Pvt	6-E-7
12)	5937.01.12	SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207						12	Sgt	6-E-8
13)	5937.01.13	PERFORM OPERATIONAL CHECK OF UNIX BASED SYSTEMS						6	Pvt	6-E-9

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5937.02.01	PLAN MACCS COMMUNICATIONS MAINTENANCE SUPPORT						12	Sgt	6-E-12
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DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5937.03.01	SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT						12	Sgt	6-E-14
4)	5937.03.04	PERFORM ALIGNMENTS ON THE AN/GRC-171B(V)4						6	Pvt	6-E-16

MOS 5939, AVIATION RADIO TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

Appendix A to  
ENCLOSURE (7)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
2)	5939.01.02	SUPERVISE INTEGRATION OF ORGANIC TACTICAL DATA SYSTEMS INTO THE MACCS					12	Sgt	6-F-1
3)	5939.01.03	COORDINATE THE BUILDING OF NETWORK ARCHITECTURE FOR TACTICAL DATA PROCESSING SYSTEMS					12	SSgt	6-F-2
4)	5939.01.04	SUPERVISE INSTALLATION OF RADIOS INTO MACCS COMMUNICATION SYSTEMS					12	Sgt	6-F-3
5)	5939.01.05	PERFORM SITE SELECTION FOR MACCS SITE COMMUNICATIONS	X				12	Sgt	6-F-4
6)	5939.01.06	SUPERVISE INSTALLATION OF MACCS COMMUNICATIONS SYSTEMS	X				12	Sgt	6-F-4
7)	5939.01.07	SUPERVISE SYSTEM INITIALIZATION OF AN/TSQ-207	X				12	Sgt	6-F-5
8)	5939.01.08	SUPERVISE INSTALLATION OF AN/UYQ-3A FOR AIRBORNE OPERATION	X				12	Sgt	6-F-5
9)	5939.01.09	SUPERVISE THE OPERATION OF CRYPTOGRAPHIC EQUIPMENT	X				12	Sgt	6-F-6
10)	5939.01.10	SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS	X				12	Sgt	6-F-6
12)	5939.01.12	SUPERVISE THE PROGRAMMING OF RADIOS TO WORK IN ANTI-JAM MODE OF OPERATION	X				12	Sgt	6-F-8
13)	5939.01.13	ESTABLISH COMMUNICATIONS IN AN EW ENVIRONMENT					12	Sgt	6-F-8

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5939.03.01	SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION GROUND ELECTRONIC SYSTEMS AND EQUIPMENT	X				12	Sgt	6-F-11
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MOS 5942, AVIATION RADAR REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

8)	5942.01.08	ERECT COMMUNICATION ANTENNAS					12	Pvt	6-G-6
9)	5942.01.09	OPERATE MOBILE ELECTRIC POWER GENERATING EQUIPMENT					12	Pvt	6-G-6
13)	5942.01.13	OPERATE IFF EQUIPMENT	X				12	Pvt	6-G-9
14)	5942.01.14	ESTABLISH REMOTE RADAR LINKS					12	Pvt	6-G-9
15)	5942.01.15	TRANSPORT AN AVIATION RADAR SYSTEM					12	Pvt	6-G-10

DUTY AREA 03 - MAINTENANCE ACTIONS

2)	5942.03.02	PERFORM ALIGNMENT PROCEDURES	X				12	Pvt	6-G-13
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MOS 5948, AVIATION RADAR TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5948.01.01	SUPERVISE THE EMPLACEMENT OF AVIATION RADAR SYSTEMS	X				12	Sgt	6-H-1
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Appendix A to  
ENCLOSURE (7)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
2)	5948.01.02	SUPERVISE THE INSTALLATION OF AVIATION RADAR SYSTEMS AND ANCILLARY EQUIPMENT	X				12	Sgt		6-H-1
3)	5948.01.03	COORDINATE AVIATION RADAR SYSTEM EMBARKATION	X				12	Sgt		6-H-2
5)	5948.01.05	VERIFY AN OPERATIONAL INTERFACE BETWEEN AVIATION RADAR SYSTEMS AND EXTERNAL SYSTEMS	X				12	Sgt		6-H-4

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5948.03.01	SUPERVISE ACTIVITIES IN THE MAINTENANCE OF AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT	X				12	Sgt		6-H-8
2)	5948.03.02	SUPERVISE PREVENTIVE MAINTENANCE (PM) ON AVIATION RADAR SYSTEMS/ANCILLARY EQUIPMENT	X				12	Sgt		6-H-8
4)	5948.03.04	REPLACE DEFECTIVE COMPONENTS ON FAULTY SUBASSEMBLIES	X				12	Sgt		6-H-10
5)	5948.03.05	PERFORM CORRECTIVE MAINTENANCE ON AVIATION RADAR SYSTEMS TO THE COMPONENT LEVEL	X				12	Sgt		6-H-11

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5948.04.01	SUPERVISE SAFETY/HAZMAT PROCEDURES	X				12	Sgt		6-H-13
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MOS 5950, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5950.01.01	DEPLOY THE MARINE AIR TRAFFIC CONTROL AND LANDING SYSTEM					12	CWO2		6-I-1
2)	5950.01.02	CONDUCT A PRE-DEPLOYMENT INSPECTION					12	CWO2		6-I-2
3)	5950.01.03	ADVISE COMMANDER OF THE CAPABILITIES OF THE AIR TRAFFIC CONTROL SYSTEMS					12	CWO2		6-I-2
4)	5950.01.04	PROVIDE TECHNICAL ASSISTANCE TO THE COMMANDER IN DEVELOPING THE UNIT'S COMMUNICATION PLAN					12	CWO2		6-I-3
5)	5950.01.05	BRIEF THE COMMANDER ON THE OPERATIONAL READINESS OF AIR TRAFFIC CONTROL SYSTEMS AND PERSONNEL					12	CWO2		6-I-3

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5950.02.01	DEVELOP STANDARD OPERATING PROCEDURES (SOP) FOR AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE					12	CWO2		6-I-5
2)	5950.02.02	PROVIDE UNIT BUDGET INPUT					12	CWO2		6-I-6
3)	5950.02.03	RECOMMEND CHANGES TO THE ALLOWANCE LIST					12	CWO2		6-I-7

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5950.03.01	DIRECT AIR TRAFFIC CONTROL SYSTEMS					12	CWO2		6-I-8
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Appendix A to  
ENCLOSURE (7)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
		MAINTENANCE							
2)	5950.03.02	DIRECT MARINE AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE SUPPORT PROGRAMS	X				12	CWO2	6-I-8
3)	5950.03.03	SUPERVISE MAINTENANCE PERSONNEL IN THE PERFORMANCE OF THEIR DUTIES					12	CWO2	6-I-10
4)	5950.03.04	MONITOR MAINTENANCE MANAGEMENT PROGRAM					12	CWO2	6-I-10
5)	5950.03.05	CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION					12	CWO2	6-I-11

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5950.04.01	MANAGE A CONSOLIDATED MEMORANDUM RECEIPT (CMR) ACCOUNT					12	CWO2	6-I-12
2)	5950.04.02	DETERMINE EQUIPMENT READINESS USING MAINTENANCE DATA SYSTEMS					12	CWO2	6-I-12

MOS 5952, AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5952.01.01	CONDUCT A SITE SURVEY FOR NAVIGATIONAL AIDS EQUIPMENT					12	SSgt	6-J-1
2)	5952.01.02	SUPERVISE THE EMBARKATION OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-1
3)	5952.01.03	EMBARK NAVIGATIONAL AIDS EQUIPMENT					12	Pvt	6-J-2
4)	5952.01.04	SUPERVISE THE EMPLOYMENT OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-3
5)	5952.01.05	EMPLOY NAVIGATIONAL AIDS EQUIPMENT					12	Pvt	6-J-4
6)	5952.01.06	SUPERVISE THE OPERATION OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-5
7)	5952.01.07	OPERATE NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt	6-J-6
8)	5952.01.08	SUPERVISE THE INSTALLATION AND OPERATION OF MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Sgt	6-J-7
9)	5952.01.09	OPERATE MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Pvt	6-J-8
10)	5952.01.10	PERFORM AS A MEMBER OF A MARINE MOBILE TEAM (MMT)					12	Pvt	6-J-8
11)	5952.01.11	CONDUCT FEDERAL AVIATION ADMINISTRATION (FAA) FLIGHT CERTIFICATION OF NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-9

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5952.02.01	GENERATE PLANNED MAINTENANCE FOR NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-10
2)	5952.02.02	SUPERVISE THE PLANNED MAINTENANCE FOR NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-10
3)	5952.02.03	DEVELOP CORRECTIVE MAINTENANCE PLANNING FOR NAVIGATIONAL AIDS EQUIPMENT					12	Sgt	6-J-11

DUTY AREA 03 - MAINTENANCE ACTIONS

Appendix A to  
ENCLOSURE (7)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
1)	5952.03.01	SUPERVISE CORRECTIVE MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT					12	Sgt		6-J-12
2)	5952.03.02	PERFORM CORRECTIVE MAINTENANCE ON NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt		6-J-13
3)	5952.03.03	SUPERVISE PLANNED MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT					12	Sgt		6-J-14
4)	5952.03.04	PERFORM PLANNED MAINTENANCE ACTIONS ON NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt		6-J-15
5)	5952.03.05	SUPERVISE CORRECTIVE MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Sgt		6-J-15
6)	5952.03.06	PERFORM CORRECTIVE MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Pvt		6-J-16
7)	5952.03.07	SUPERVISE PLANNED MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Sgt		6-J-17
8)	5952.03.08	PERFORM PLANNED MAINTENANCE ON MOBILE ELECTRICAL POWER GENERATING EQUIPMENT					12	Pvt		6-J-17
9)	5952.03.09	SUPERVISE ALIGNMENTS AND ADJUSTMENTS ON NAVIGATIONAL AIDS EQUIPMENT					12	Sgt		6-J-18
10)	5952.03.10	ALIGN AND ADJUST NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt		6-J-19
11)	5952.03.11	SUPERVISE OPERATION OF TEST EQUIPMENT					12	Sgt		6-J-20
<u>DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS</u>										
1)	5952.04.01	SUPERVISE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO NAVIGATIONAL AIDS EQUIPMENT					12	Sgt		6-J-22
2)	5952.04.02	DEMONSTRATE PROPER USE, HANDLING AND DISPOSAL OF HAZMAT AS IT PERTAINS TO NAVIGATIONAL AIDS EQUIPMENT	X				12	Pvt		6-J-22
3)	5952.04.03	INVENTORY EQUIPMENT					12	Sgt		6-J-23
4)	5952.04.04	SUPERVISE THE GENERATION OF A MANUAL MAINTENANCE ACTION FORM (MAF)					12	Sgt		6-J-23
5)	5952.04.05	GENERATE A MANUAL MAINTENANCE ACTION FORM (MAF)	X				12	Pvt		6-J-24
6)	5952.04.06	SUPERVISE THE UPDATING OF A MANUAL MAF					12	Sgt		6-J-25
7)	5952.04.07	UPDATE A MANUAL MAF	X				12	Pvt		6-J-26
8)	5952.04.08	VERIFY COMPLETION OF MANUAL MAF					12	Sgt		6-J-27
9)	5952.04.09	COMPLETE A MANUAL MAF	X				12	Pvt		6-J-28
10)	5952.04.10	GENERATE AN AUTOMATED MAF					12	Sgt		6-J-29
11)	5952.04.11	UPDATE AN AUTOMATED MAF					12	Sgt		6-J-31
12)	5952.04.12	COMPLETE AN AUTOMATED MAF					12	Sgt		6-J-32
13)	5952.04.13	RECONCILE OPEN MAFS					12	Sgt		6-J-33
14)	5952.04.14	GENERATE A MAF REPORT					12	Sgt		6-J-34
15)	5952.04.15	SUPERVISE THE REQUISITION OF ITEMS THROUGH NAVY SUPPLY SYSTEM					12	Sgt		6-J-34
16)	5952.04.16	COMPLETE A SUPPLY REQUISITION FORM	X				12	Pvt		6-J-35
17)	5952.04.17	MAINTAIN PUBLICATIONS LIBRARY					12	Sgt		6-J-36
18)	5952.04.18	COMPLETE PUBLICATIONS INVENTORY					12	Pvt		6-J-37
19)	5952.04.19	SUBMIT DEFICIENCY REPORTS					12	Sgt		6-J-37
20)	5952.04.20	SUBMIT A FEEDBACK REPORT					12	Sgt		6-J-38
21)	5952.04.21	MAINTAIN CARDIOPULMONARY RESUSCITATION (CPR) CERTIFICATION					12	Pvt		6-J-39

Appendix A to  
ENCLOSURE (7)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
22)	5952.04.22	ADMINISTER TECHNICAL TRAINING PROGRAM					12	Sgt	6-J-39
23)	5952.04.23	CONDUCT TECHNICAL TRAINING					12	Pvt	6-J-39

MOS 5953, AIR TRAFFIC CONTROL RADAR TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5953.01.01	SUPERVISE ACTIVITIES IN THE SITING AND SURVEYING OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	SSgt	6-K-1
2)	5953.01.02	SUPERVISE ACTIVITIES IN THE INSTALLATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	SSgt	6-K-1
3)	5953.01.03	SUPERVISE ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	LCpl	6-K-2
5)	5953.01.05	PERFORM INSTALLATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	Pvt	6-K-4
7)	5953.01.07	SUPERVISE ACTIVITIES IN THE EMBARKATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	SSgt	6-K-6
8)	5953.01.08	PERFORM EMBARKATION OF AIR TRAFFIC CONTROL RADAR SYSTEMS AND EQUIPMENT					12	Pvt	6-K-7
9)	5953.01.09	SUPERVISE A FLIGHT CHECK					12	SSgt	6-K-8
10)	5953.01.10	CONDUCT A FLIGHT CHECK					12	Pvt	6-K-8

DUTY AREA 02 - MAINTENANCE PLANNING

2)	5953.02.02	ESTABLISH CORRECTIVE MAINTENANCE PROCEDURES					12	SSgt	6-K-10
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DUTY AREA 03 - MAINTENANCE ACTIONS

5)	5953.03.05	REPAIR/REPLACE COMPONENTS OF THE AN/UYQ-34(V)2					12	Pvt	6-K-13
12)	5953.03.12	REPAIR/REPLACE COMPONENTS OF THE AN/TPS-73					12	Pvt	6-K-17
15)	5953.03.15	TROUBLESHOOT THE AN/TPN-22			X		12	Pvt	6-K-20
16)	5953.03.16	REPAIR AND REPLACE COMPONENTS IN THE AN/TPN-22					12	Pvt	6-K-20
17)	5953.03.17	PERFORM PREVENTIVE MAINTENANCE ON THE AN/USH-26			X		12	Pvt	6-K-21
18)	5953.03.18	PERFORM OPERABILITY CHECKS ON THE AN/USH-26			X		12	Pvt	6-K-21
20)	5953.03.20	TROUBLESHOOT AND REPAIR THE AN/USH-26					12	Pvt	6-K-22

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5953.04.01	INVENTORY EQUIPMENT AND TECHNICAL PUBLICATIONS					12	Pvt	6-K-24
3)	5953.04.03	COMPLETE AN AUTOMATED MAF					12	Pvt	6-K-24
4)	5953.04.04	MANAGE MAFS					12	Cpl	6-K-25
5)	5953.04.05	UTILIZE THE NAVY SUPPLY SYSTEM					12	LCpl	6-K-25

Appendix A to  
ENCLOSURE (7)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
6)	5953.04.06	DEVELOP DESKTOP PROCEDURES					12	SSgt		6-K-26

MOS 5954, AIR TRAFFIC CONTROL COMMUNICATIONS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5954.01.01	SUPERVISE ACTIVITIES IN THE SITING, INSTALLATION, AND OPERATION OF AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT					12	SSgt		6-L-1
2)	5954.01.02	PERFORM SITING, INSTALLATION AND OPERATION OF AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT					6	LCpl		6-L-3
3)	5954.01.03	SUPERVISE THE ERECTION OF COMMUNICATION ANTENNAS					6	SSgt		6-L-4
4)	5954.01.04	ERECT COMMUNICATION ANTENNAS FOR MATCALS X COMMUNICATIONS EQUIPMENT					6	LCpl		6-L-5
7)	5954.01.07	EMBARK MATCALS COMMUNICATION EQUIPMENT	X				6	Pvt		6-L-8
9)	5954.01.09	SUPERVISE SYSTEM INITIALIZATION OF MATCALS COMMUNICATION SUBSYSTEMS					6	SSgt		6-L-10
10)	5954.01.10	MANAGE TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT					6	SSgt		6-L-11
11)	5954.01.11	SUPERVISE ACTIVITIES IN THE OPERATION OF AIR TRAFFIC CONTROL (ATC) STATION SYSTEMS AND EQUIPMENT					6	SSgt		6-L-13
13)	5954.01.13	MANAGE TECHNICAL MATTERS PERTAINING TO MCAS AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT					6	SSgt		6-L-17

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5954.02.01	PLAN MATCALS COMMUNICATIONS MAINTENANCE SUPPORT					12	SSgt		6-L-20
2)	5954.02.02	PLAN MCAS COMMUNICATIONS MAINTENANCE SUPPORT					6	SSgt		6-L-21

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5954.03.01	SUPERVISE THE MAINTENANCE OF MATCALS COMMUNICATIONS EQUIPMENT			X		6	SSgt		6-L-24
5)	5954.03.05	SUPERVISE THE MAINTENANCE OF MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS			X		6	SSgt		6-L-34

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

1)	5954.04.01	MANAGE TECHNICAL MATTERS PERTAINING TO MARINE AIR TRAFFIC CONTROL AUTOMATIC LANDING SYSTEM (MATCALS) COMMUNICATION EQUIPMENT					1	SSgt		6-L-46
2)	5954.04.02	MANAGE TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT (MCAS)					1	SSgt		6-L-48

Appendix A to  
ENCLOSURE (7)

MCO 1510.126  
30 OCT 02

SEQ TASK TITLE CORE FLC DL PST SUS REQ BY PAGE

MOS 5959, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE CHIEF

DUTY AREA 01 - OPERATIONAL ACTIONS

- |    |            |   |    |      |       |
|----|------------|---|----|------|-------|
| 1) | 5959.01.01 | ADVISE MAINTENANCE OFFICER ON ALL TECHNICAL MATTERS PERTAINING TO AIR TRAFFIC CONTROL (ATC) SYSTEMS AND EQUIPMENT             | 12 | MSgt | 6-M-1 |
| 2) | 5959.01.02 | ADVISE THE MAINTENANCE OFFICER ON THE SAFETY PROGRAMS RELATED TO THE MAINTENANCE AND OPERATION OF THE ATC EQUIPMENT/SYSTEM(S) | 12 | MSgt | 6-M-1 |
| 3) | 5959.01.03 | ADVISE THE MAINTENANCE OFFICER ON ATC SYSTEMS AND READINESS   | 12 | MSgt | 6-M-2 |
| 5) | 5959.01.05 | SUPERVISE THE SURVEY OF AN AIRFIELD FOR OPERATIONS AND EQUIPMENT REQUIRED   | 12 | MSgt | 6-M-3 |
| 6) | 5959.01.06 | ASSIST IN THE DEVELOPMENT OF EQUIPMENT REQUIREMENTS FOR AIR TRAFFIC CONTROL OPERATIONS  | 12 | MSgt | 6-M-3 |
| 7) | 5959.01.07 | SUPERVISE SITING OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT   | 12 | MSgt | 6-M-4 |
| 8) | 5959.01.08 | PROVIDE TECHNICAL ASSISTANCE DURING A FEDERAL AVIATION ADMINISTRATION FLIGHT INSPECTION                                       | 12 | MSgt | 6-M-5 |

DUTY AREA 02 - MAINTENANCE PLANNING

- |    |            |   |    |      |       |       |
|----|------------|---|----|------|-------|-------|
| 1) | 5959.02.01 | SUPERVISE MANAGED ON THE JOB TRAINING (MOJT) AND TECHNICAL TRAINING | 12 | MSgt | 6-M-7 |       |
| 2) | 5959.02.02 | REVIEW TECHNICAL MAINTENANCE LIBRARY REQUIREMENTS                   | 12 | MSgt | 6-M-7 |       |
| 3) | 5959.02.03 | REVIEW THE CURRENT EQUIPMENT ALLOWANCE LIST IN ALL AREAS            | X  | 12   | MSgt  | 6-M-8 |
| 4) | 5959.02.04 | REVIEW PLANNED MAINTENANCE SCHEDULES                                | 12 | MSgt | 6-M-8 |       |
| 5) | 5959.02.05 | PLAN\REVIEW ANNUAL OPERATIONAL BUDGET                               | 12 | MSgt | 6-M-9 |       |
| 6) | 5959.02.06 | REVIEW COORDINATED SHIPBOARD ALLOWANCE LIST(COSAL)                  | 12 | MSgt | 6-M-9 |       |

DUTY AREA 03 - MAINTENANCE ACTIONS

- |    |            |   |    |      |        |
|----|------------|---|----|------|--------|
| 1) | 5959.03.01 | SUPERVISE THE INSTALLATION OF ATC SYSTEMS, SUB-SYSTEMS AND EQUIPMENT  | 12 | MSgt | 6-M-11 |
| 2) | 5959.03.02 | CONDUCT QUALITY CONTROL SPOT CHECKS ON CORRECTIVE MAINTENANCE ACTIONS | 12 | MSgt | 6-M-11 |
| 5) | 5959.03.05 | SUPERVISE MODIFICATIONS TO EQUIPMENT                                  | 12 | MSgt | 6-M-13 |

DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

- |    |            |  |    |      |        |
|----|------------|--|----|------|--------|
| 1) | 5959.04.01 | PROCESS PRODUCT QUALITY DEFICIENCY REPORT (PQDR) | 12 | MSgt | 6-M-14 |
| 2) | 5959.04.02 | PROCESS A CASREP                                 | 12 | MSgt | 6-M-14 |
| 3) | 5959.04.03 | PROCESS COSAL (COORDINATED SHIPBOARD             | 12 | MSgt | 6-M-15 |

Appendix A to  
ENCLOSURE (7)

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
		ALLOWANCE LIST) FEEDBACK REPORT							
5)	5959.04.05	PRODUCE EQUIPMENT READINESS/STATUS REPORT					12	MSgt	6-M-16
6)	5959.04.06	SUPERVISE THE REQUISITIONING OF ITEMS THROUGH THE SUPPLY SYSTEM					12	MSgt	6-M-16
7)	5959.04.07	RECOMMEND/PROVIDE INPUT TO FISCAL PLAN/ANNUAL BUDGET	X				12	MGySgt	6-M-17
9)	5959.04.09	CONDUCT INSPECTIONS OF MAINTENANCE ADMINISTRATION					12	MSgt	6-M-19
11)	5959.04.11	ANALYZE MAINTENANCE DATA					12	MSgt	6-M-20
12)	5959.04.12	PROCESS REPORT OF DISCREPANCY (ROD)					12	MSgt	6-M-21
13)	5959.04.13	ADVISE THE MAINTENANCE OFFICER, DETACHMENT COMMANDER, AND/OR HIGHER HEADQUARTERS CONCERNING CAPABILITIES OF AIR TRAFFIC CONTROL SYSTEMS AND EQUIPMENT					12	MSgt	6-M-21
14)	5959.04.14	REVIEW CALIBRATION READINESS					12	MSgt	6-M-22

MOS 5962, TACTICAL DATA SYSTEMS EQUIPMENT REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5962.01.01	EMPLACE MARINE AIR COMMAND AND CONTROL SYSTEM SHELTER SUITE					12	Pvt	6-N-1
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MOS 5963, TACTICAL AIR OPERATIONS MODULE REPAIRER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5963.01.01	EMPLOY EQUIPMENT	X				12	Pvt	6-O-1
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MOS 5970, DATA SYSTEMS MAINTENANCE OFFICER

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5970.01.01	SUPERVISE INSTALLATION ACTIVITIES OF TACTICAL DATA SYSTEMS(TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS)	X				12	WO1	6-P-1
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DUTY AREA 02 - MAINTENANCE PLANNING

1)	5970.02.01	PLAN SUPPORT FOR TACTICAL DATA SYSTEMS (TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEM (MACCS)	X				12	WO1	6-P-3
2)	5970.02.02	PLAN THE TACTICAL DEPLOYMENT OF A TDS SECTION	X				12	WO1	6-P-3

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5970.03.01	DEPLOY A FIELD MAINTENANCE ACTIVITY					12	WO1	6-P-6
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Appendix A to  
ENCLOSURE (7)

MCO 1510.126  
30 OCT 02

SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ BY	PAGE
2)	5970.03.02	CONDUCT A PRE-DEPLOYMENT INSPECTION					12	WO1	6-P-6
3)	5970.03.03	DEPLOY A CONTACT TEAM					12	WO1	6-P-7
4)	5970.03.04	DIRECT THE MAINTENANCE OF THE TACTICAL DATA SYSTEMS (TDS) WITHIN THE MARINE AIR COMMAND AND CONTROL SYSTEMS (MACCS)					12	WO1	6-P-7

MOS 5974, TACTICAL DATA SYSTEMS ADMINISTRATOR

DUTY AREA 01 - OPERATIONAL ACTIONS

4)	5974.01.04	CONFIGURE MULTIPLE TACTICAL DATA SYSTEMS NETWORK	X				12	Sgt	6-Q-2
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MOS 5979, TACTICAL AIR OPERATIONS MODULE TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

1)	5979.01.01	SUPERVISE THE EMPLOYMENT OF EQUIPMENT	X				12	Sgt	6-R-1
2)	5979.01.02	VERIFY OPERATIONAL STATUS OF TACTICAL DATA SYSTEMS	X				12	Sgt	6-R-1

DUTY AREA 02 - MAINTENANCE PLANNING

1)	5979.02.01	PLAN SUPPORT FOR TACTICAL DATA SYSTEMS	X				12	Sgt	6-R-3
2)	5979.02.02	PLAN SUPPORT FOR MACCS AGENCY (TACC, MASS, MACS, ATC DET)	X				12	SSgt	6-R-3

DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5979.03.01	SUPERVISE CORRECTIVE MAINTENANCE ON TACTICAL DATA SYSTEMS TO THE LRU	X				12	Sgt	6-R-5
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MOS 5993, ELECTRONICS MAINTENANCE CHIEF

DUTY AREA 01 - OPERATIONAL ACTIONS

2)	5993.01.02	ESTABLISH COMMUNICATION-ELECTRONIC MAINTENANCE SHOP PROCEDURES	X				12	MGySgt	6-S-2
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DUTY AREA 02 - MAINTENANCE PLANNING

2)	5993.02.02	ASSIST IN THE PLANNING FOR TACTICAL DEPLOYMENT OF MACCS AGENCIES	X				12	MGySgt	6-S-4
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DUTY AREA 03 - MAINTENANCE ACTIONS

2)	5993.03.02	BRIEF MAINTENANCE OFFICER ON EQUIPMENT READINESS	X				12	MGySgt	6-S-7
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DUTY AREA 04 - ADMINISTRATIVE AND LOGISTICAL ACTIONS

Appendix A to  
ENCLOSURE (7)

<u>SEQ</u>	<u>TASK</u>	<u>TITLE</u>	<u>CORE</u>	<u>FLC</u>	<u>DL</u>	<u>PST</u>	<u>SUS</u>	<u>REQ BY</u>	<u>PAGE</u>
2)	5993.04.02	DRAFT TACTICAL DATA/COMMUNICATIONS-ELECTRONIC MAINTENANCE SOP	X				12	MGySgt	6-S-10
3)	5993.04.03	RECOMMEND/PROVIDE INPUT TO FISCAL PLAN	X				12	MGySgt	6-S-11

Appendix A to  
ENCLOSURE (7)



SEQ	TASK	TITLE	CORE	FLC	DL	PST	SUS	REQ	BY	PAGE
		<u>MOS 5952, AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN</u>								

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5953, AIR TRAFFIC CONTROL RADAR TECHNICIAN

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5954, AIR TRAFFIC CONTROL COMMUNICATIONS TECHNICIAN

DUTY AREA 01 - OPERATIONAL ACTIONS

7)	5954.01.07	EMBARK MATCAL COMMUNICATION EQUIPMENT	X		X			6	Pvt	6-L-8
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DUTY AREA 03 - MAINTENANCE ACTIONS

1)	5954.03.01	SUPERVISE THE MAINTENANCE OF MATCAL COMMUNICATIONS EQUIPMENT			X			6	SSgt	6-L-24
2)	5954.03.02	MAINTAIN MATCAL COMMUNICATIONS EQUIPMENT	X	X	X			1	Pvt	6-L-27
5)	5954.03.05	SUPERVISE THE MAINTENANCE OF MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS			X			6	SSgt	6-L-34
6)	5954.03.06	MAINTAIN THE MARINE CORPS AIR STATION COMMUNICATIONS SYSTEMS	X	X	X			6	LCpl	6-L-37

MOS 5959, AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE CHIEF

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5962, TACTICAL DATA SYSTEMS EQUIPMENT REPAIRER

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5963, TACTICAL AIR OPERATIONS MODULE REPAIRER

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5970, DATA SYSTEMS MAINTENANCE OFFICER

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5974, TACTICAL DATA SYSTEMS ADMINISTRATOR

There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5979, TACTICAL AIR OPERATIONS MODULE TECHNICIAN

MCO 1510.126  
30 OCT 02

<u>SEQ</u>	<u>TASK</u>	<u>TITLE</u>	<u>CORE</u>	<u>FLC</u>	<u>DL</u>	<u>PST</u>	<u>SUS</u>	<u>REQ</u>	<u>BY</u>	<u>PAGE</u>
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There are no Distance Learning Products attached to any duty areas within this MOS.

MOS 5993, ELECTRONICS MAINTENANCE CHIEF

There are no Distance Learning Products attached to any duty areas within this MOS.

MCO 1510.126  
30 OCT 02

INDIVIDUAL TRAINING STANDARDS SUPPORTED BY PERFORMANCE SUPPORT TOOLS

There are no performance support tools assigned to any tasks in this order.

Appendix C to  
ENCLOSURE (7)