



GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

PREFACE

1. The Ground Ordnance Maintenance Chief Course is designed to provide instruction for the tasks listed in Section I appendix B of this POI. The terminal learning objectives for each lesson in Section IV have been developed from the task list.
2. All agencies and commands receiving graduates of this course, and specifically those sighted in Section VI, are requested to review the contents of this POI and evaluate performance of the graduates against field requirements. Comments and recommendations may be submitted to:

COMMANDING OFFICER  
Marine Detachment  
U.S. Army Ordnance Center and School  
Aberdeen Proving Ground, Maryland 21005-5281  
ATTN: Academic Officer

3. The following information for this course has been submitted for inclusion in the current edition of NAVMC 2771 (Formal School Catalog):

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GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

SECTION I - COURSE DESCRIPTIVE DATA

1. COURSE TITLE. GROUND ORDNANCE MAINTENANCE CHIEF COURSE
2. LOCATION. United States Marine Corps, Marine Detachment, U.S. Army Ordnance Center and School, Aberdeen Proving Ground, MD 21005-5281
3. COURSE ID. A01GBS1
4. OTHER SERVICE COURSE NUMBER. 640-2181
5. MILITARY ARTICLES AND SERVICE LIST NUMBER. N/A
6. PURPOSE. This course was developed to train Ground Ordnance Maintenance Chief in the aspects of maintenance management, to include the policies and procedures regarding the repair and maintenance of ordnance equipment. Training will enable students to fill 2149/2181 T/O billets throughout the Marine Corps.
7. SCOPE. This course includes knowledge and skills required for the effective maintenance administration of ordnance equipment at the organizational and intermediate levels. Emphasis is placed on the Ordnance Maintenance Chief. Principal subjects of study are; Directives, Publications, Supply Support, Maintenance Production, Maintenance Related Programs, Recoverable Items Program, Maintenance Training Programs, Maintenance Logistics, Maintenance Inspections, and Ordnance Maintenance Training.
8. LENGTH (PEACETIME). 23 Training Days
9. CURRICULUM BREAKDOWN (PEACETIME).
  - 165.50 Academic Hours
    - 6.00 Guided Discussion
    - 32.50 Guest Lecture
    - 67.50 Lecture
    - 31.50 Practical Application
    - 8.50 Quiz
    - 7.00 Performance Exam
    - 12.50 Written Exam
  - 5.50 Administrative Hours
    - 3.00 Administrative
    - 1.50 Lecture
    - 1.00 Written Exam
10. LENGTH (MOBILIZATION). 0 Training Days
11. CURRICULUM BREAKDOWN (MOBILIZATION).
  - 0.00 Academic Hours
  - 0.00 Administrative Hours
12. MAXIMUM CLASS CAPACITY. 20
13. OPTIMUM CLASS CAPACITY. 20
14. MINIMUM CLASS CAPACITY. 10
15. CLASS FREQUENCY. 2
16. STUDENT PREREQUISITES.
  - a. Gunnery Sergeants within the 2100 field, or Master Sergeants with MOS of 2149 or

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SECTION I - COURSE DESCRIPTIVE DATA

2181.

b. All attendees must have a minimum of two years obligated service remaining upon completion of the course.

17. MOS RECEIVED. None.

18. QUOTA CONTROL. Training Command (C475)

19. FUNDING. TECOM (C464)

20. REPORTING INSTRUCTIONS. Students report to the Commanding Officer, Marine Detachment, U.S. Army Ordnance Center & School, Aberdeen Proving Ground, Maryland 21005-5281. Billeting is provided at cost to the government however, messing is not available.

21. INSTRUCTOR STAFFING REQUIREMENTS. See Appendix A for Instructor Computation Worksheet.

22. SCHOOL OVERHEAD REQUIREMENTS.

LN#	GRADE	MOS	BILLET DESCRIPTION	REQUIRED
UNK	E6	2100	CURRICULUM DEVELOPERS	1
192B	O4	2102	COMMANDING OFFICER / MC REP	1
192C	O3E	2102	INSTRUCTOR / XO	1
192D	E8	9999	FIRST SERGEANT	1
192E	E6	0913	ADMIN CHIEF	1
192H	E3	0121	UNIT DIARY CLERK	1
192K	O3E	2102	CRS DEV SUPERVISOR	1
192L	E7	2111	ACADEMIC COORDINATOR	1
192M	E4	3043	SUPPLY NCO	1
UNK3	E6	2100	S-3 OPERATIONS & TRAINING / SACO	1
UNK6	E7	2100	ISC / COMPUTER REPAIR / NETWORK ADMIN	1

Comments Line# UNK: The curriculum developers are Marines who are responsible for the input of information into the CDD/POI and Master Lesson Files. This billet is a full time job and the Marine is taken from one of the platoons.

Comments Line# UNK3 : This billet is a full time job, who is responsible for all permanent party training and the Marine is taken from one of the platoons.

Comments Line# UNK6 : The ISC is responsible for all the computer assets and LAN connections throughout the Detachment. This billet is a full time job and the Marine is taken from one of the platoons.

23. TRAINING/EDUCATION SUPPORT REQUIREMENTS.

The following facility requirements are identified for one iteration of this course:

FACILITY	FACILITY ID	SQ FT	REQ'D	ON HAND	SHORT
CLASSROOM	- BLDG	1000	1	1	0

The following materiel requirements are identified for one iteration of this course:

NOMEMCLATURE	NSN	UNIT OF ISSUE	REQ'D	ON HAND	SHORT
BOX LIGHT PROJECTOR	-	EACH	1	1	0
CHAIR	-	EACH	21	21	0
COMPUTER	-	EACH	21	21	0
DESK	-	EACH	21	21	0
PODIUM	-	EACH	1	1	0
PRINTER	-	EACH	1	1	0
SAND TABLE	-	EACH	1	1	0

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SECTION I - COURSE DESCRIPTIVE DATA

SCREEN FOR BOX LIGHT	-	EACH	1	1	0
TABLE	-	EACH	2	2	0
TELEVISION	-	EACH	1	1	0
VCR	-	EACH	1	1	0

24. TASK LIST. See Appendix B.

CDD NOTES: During mobilization this course will not be conducted.



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SECTION I - COURSE DESCRIPTIVE DATA

APPENDIX B - TASKLIST

DUTY: 2149.01 ADMINISTRATIVE DUTIES

TASKS: (P) None.

DUTY: 2149.02 TECHNICAL FUNCTIONS

TASKS: (S) 2149.02.01 SUPERVISE RECOVERY OPERATIONS OF ORDNANCE VEHICLES  
(S) 2149.02.02 SUPERVISE LICENSING PROGRAM FOR ORDNANCE RECOVERY VEHICLES  
(S) 2149.02.03 SUPERVISE THE JOINT OIL ANALYSIS PROGRAM (JOAP) FOR ORDNANCE VEHICLES  
(S) 2149.02.04 provide technical supervision in the repair for the family of Ordnance Vehicles

DUTY: 2181.01 ADMINISTRATIVE FUNCTIONS

TASKS: (S) 2181.01.01 ESTABLISH MAINTENANCE MANAGEMENT PROGRAMS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.02 Supervise Ground Maintenance Resources  
(S) 2181.01.03 SUPERVISE PUBLICATIONS AND DIRECTIVES PROGRAMS IN SUPPORT OF GROUND ORDNANCE EQUIPMENT PROGRAMS  
(S) 2181.01.04 MANAGE GROUND ORDNANCE MAINTENANCE MOS TRAINING PROGRAM  
(S) 2181.01.05 SUPERVISE SUPPORT EQUIPMENT PROGRAMS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.06 SUPERVISE SUPPLY SUPPORT PROCEDURES FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.07 SUPERVISE GROUND ORDNANCE MAINTENANCE FACILITIES  
(S) 2181.01.08 SUPERVISE MAINTENANCE PRODUCTION SCHEDULES FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.09 SUPERVISE MAINTENANCE RELATED PROGRAMS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.10 SUPERVISE PREVENTIVE MAINTENANCE CHECKS AND SERVICES (PMCS) FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.11 SUPERVISE CORRECTIVE MAINTENANCE (CM) PROGRAMS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.12 SUPERVISE MODIFICATION PROGRAMS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.13 MONITOR ENVIRONMENTAL COMPLIANCE FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.14 SUPERVISE SHOP SAFETY PROGRAM FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.15 SUPERVISE EMBARKATION OF GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.16 SUPERVISE MAINTENANCE SHOP INFORMATION REQUIREMENTS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.17 PREPARE ROUTINE CORRESPONDENCE, MESSAGES AND REPORTS FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.18 COORDINATE LOAD TEST PROCEDURES FOR GROUND ORDNANCE EQUIPMENT  
(S) 2181.01.19 SUPERVISE PHYSICAL SECURITY OF GROUND ORDNANCE EQUIPMENT

DUTY: 2181.02 TECHNICAL FUNCTIONS

TASKS: (P) None.

TASK LIST NOTES: The tasks 2181.01.01 through 2181.01.20 are the same tasks as for the 2149. This is why there are no tasks listed for the 2149. After task 20 there are MOS specific tasks for both the 2149 and 2181.

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SECTION II - SUMMARY OF HOURS

PEACETIME (23 TRAINING DAYS)

ACADEMIC TIME

<u>TITLE</u>	<u>HOURS</u>	<u>ANNEX</u>
ACADEMIC TRAINING	<u>165.50</u>	A
TOTAL ACADEMIC HOURS:	165.50	

ADMINISTRATIVE TIME

CHECK IN	0.50	Z
WELCOME ABOARD	0.50	Z
COURSE OVERVIEW	1.00	Z
PRE-TEST	1.00	Z
GRADUATION / CHECK OUT	<u>2.50</u>	Z
TOTAL ADMINISTRATIVE HOURS:	5.50	

SUMMARY (PEACETIME)

ACADEMIC TIME	165.50
ADMINISTRATIVE TIME	<u>5.50</u>
TOTAL ACADEMIC AND ADMINISTRATIVE TIME:	171.00

MOBILIZATION (0 TRAINING DAYS)

During mobilization this course will not be conducted.

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SECTION III - SCOPE OF ANNEXES

A. ACADEMIC TRAINING. This annex includes knowledge and skills required for the effective maintenance administration of ordnance equipment at the organizational and intermediate levels. Emphasis is placed on the Ordnance Maintenance Chief. Principal subjects of study are; Directives, Publications, Supply Support, Maintenance Production, Maintenance Related Programs, Recoverable Items Program, Maintenance Training Programs, Maintenance Logistics, Maintenance Inspections, and Ordnance Maintenance Training.

Z. ADMINISTRATIVE. Provide admin support, course overview, and conduct pretest.

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SECTION IV - CONCEPT CARDS

1. A concept card is developed to describe each academic or administrative block of time during a course. These concept cards are then grouped into subject areas, called annexes, which are summarized in Section III. Annexes A through Y are reserved for academic lessons and exams. Annex Z is reserved for administrative time.
2. The following information is contained on each academic concept card in Section IV:
  - a. Heading. The heading listed at the top of the concept card includes the name of the course, the section of the POI, and the letter and title of the annex to which the lesson or exam is assigned.
  - b. Lesson/Exam ID. This designator is a unique code assigned to this specific lesson or exam within this course.
  - c. Hours. This number (carried to the second decimal place) depicts the amount of time required to conduct the lesson or exam once, even if it is presented multiple times to smaller groups of students.
  - d. Title. This is the title assigned to this lesson or exam. It should refer to the subject matter covered in the lesson or exam when possible.
  - e. Phase (optional). This is a code depicting the phase (e.g., week, month, etc.) of the course during which this lesson or exam takes place.
  - f. Group (optional). This is a code depicting the instructional group or section responsible for teaching or developing this lesson or exam.
  - g. Methods,Hours,S:I Ratio. Displayed on the concept card are codes which symbolize the methods of instruction used to present this lesson or exam. Following each method code is the time (in hours) allocated to that method and the student to instructor ratio associated with that period of time. (The hours and ratios depicted on the concept card are used to determine instructor staffing requirements.) The following is a comprehensive list of methods used in this course and their respective codes:

<u>Method</u>	<u>Code</u>
Administrative	ADMIN
Guided Discussion	GD
Guest Lecture	GL
Lecture	L
Practical Application	PA
Quiz	QUIZ
Performance Exam	X(P)
Written Exam	X(W)

- h. Media. Displayed on the concept card are codes which symbolize the media used to support this lesson or exam. The following is a comprehensive list of media used in this course and their respective codes:

<u>Medium</u>	<u>Code</u>
Actual Item/Object	AIO
Computer	CPU
Power Point Presentation	PPP
Sand Table	ST
Television	TV
Video Cassette Recorder	VCR
Videotape	VT
White Board	WB

- h.
    - i. Learning Objective(s)/Lesson Purpose. Academic concept cards contain either learning objectives or a lesson purpose statement, but not both.

SECTION IV - CONCEPT CARDS

(1) Learning Objective. A learning objective describes a behavior that students are expected to perform following instruction, not necessarily identical to a behavior performed on the job. It also details the conditions under which that behavior is performed and the minimum standards of acceptable performance. A student masters the objective when his or her performance equals or exceeds the standard. (Information concerning student evaluation and mastery is contained in Section V of this POI.)

(a) Terminal Learning Objective (TLO). One, and only one, TLO is written for each task in Section I-B of the POI. The behavior in the TLO duplicates the actual behavior required on the job, modified only if the constraints of the academic environment will not allow it. A TLO should only appear on a concept card for a lesson or exam during which students actually perform the TLO. Each TLO is assigned a numeric designator identical to the designator of its corresponding task in Section I-B, which is identical to the designator of the Individual Training Standard (ITS) from which the task was derived. This designator is located in parentheses at the end of the TLO.

(b) Enabling Learning Objective (ELO). ELOs are designed to teach students the knowledges and skills required for successful performance of the TLOs. Each ELO is placed only on concept cards for lessons or exams during which students actually perform the ELO. Many introductory lessons will contain only ELOs. Each ELO is assigned the same numeric designator as the TLO it supports, followed by a unique combination of one or two letters. This designator is located in parentheses at the end of the ELO. (The first 26 ELOs are assigned the letters "a" through "z" consecutively. If there are more than 26 ELOs, they are assigned the letters "aa" through "az," then "ba" through "bz," etc.)

(2) Lesson Purpose. A lesson purpose statement is recorded on a concept card where no learning objectives are appropriate (e.g., overview, orientation, or enrichment lesson) and the lesson is not to be evaluated. The lesson purpose statement clearly describes the rationale for presenting the lesson.

j. Ammunition Requirements. Whenever a lesson requires the use of ammunition by students or by the instructional staff in support of the lesson, the concept card for that lesson will include a table depicting those requirements. Included for each type of ammunition will be its Department of Defense Identification Code (DODIC), its nomenclature, the average number of rounds used by each student, and the number of support rounds.

k. Notes (optional). This section of the concept card contains any information pertinent to the lesson. Examples of items which may be addressed here are instructor requirements, scheduling notes, special prerequisites, references to tests on which material will be evaluated, etc.

l. References. This section contains the source documents used for development of the lesson or other references which relate to the lesson. At a minimum, it must contain all documents referenced in the learning objectives included on the concept card.

3. The following information is contained on each administrative concept card in Section IV:

a. Heading. The heading listed at the top of the concept card includes the name of the course, the section of the POI, and the fact that this concept card is part of Annex Z, Administrative Time.

b. Event ID. This designator is a unique code assigned to this administrative event within the course.

c. Hours. This number (carried to the second decimal place) depicts the amount of administrative time required for this event. If this is a repeating event, one concept

SECTION IV - CONCEPT CARDS

card may indicate the cumulative hours associated with this event throughout the course.

d. Event. This is a short description of the administrative event.

e. Notes (optional). This section of the concept card contains any information pertinent to the administrative block of time.

4. The following pages contain useful information for locating the learning objectives and lessons that make up this course.

a. Location of Learning Objectives Report. This report lists, by learning objective designator, all learning objectives developed for this course. It also identifies every concept card on which each learning objective is included.

b. Academic and Administrative Summaries. These reports list, by annex, all academic and administrative concept cards in Section IV. Within each annex the concept cards are listed in lesson identifier order. The information provided for each entry includes Identifier, Title, Hours, and Type [Task-oriented lesson (T), Lesson Purpose lesson (LP), Exam (E), or Administrative Time (ADM)]. A subtotal of hours is provided for each annex and for all academic and administrative concept cards. Total POI hours are listed at the end of the Administrative Summary.

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## SECTION IV - CONCEPT CARDS

## LOCATION OF LEARNING OBJECTIVES REPORT

LO	ANNEX	LESSON ID	LESSON TITLE
2149.02.01	A	CHIEF 21	Battle Damage Assessment (BDAR)
	A	CHIEF 30	Test #3
	A	CHIEF 47	Final Exercise
2149.02.01a	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01b	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01c	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01d	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01e	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01f	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01g	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.01h	A	CHIEF 21	Battle Damage Assessment (BDAR)
2149.02.02	A	CHIEF 26	Licensing
	A	CHIEF 30	Test #3
	A	CHIEF 47	Final Exercise
2149.02.02a	A	CHIEF 26	Licensing
2149.02.02b	A	CHIEF 26	Licensing
2149.02.02c	A	CHIEF 26	Licensing
2149.02.02d	A	CHIEF 26	Licensing
2149.02.02e	A	CHIEF 26	Licensing
2149.02.03	A	CHIEF 19	Joint Oil Analysis Program (JOAP) Procedures
	A	CHIEF 24	Test #2
	A	CHIEF 47	Final Exercise
2149.02.03a	A	CHIEF 19	Joint Oil Analysis Program (JOAP) Procedures
2149.02.03b	A	CHIEF 19	Joint Oil Analysis Program (JOAP) Procedures
2149.02.03c	A	CHIEF 19	Joint Oil Analysis Program (JOAP) Procedures
2149.02.04	A	CHIEF 59	CM
2181.01.01	A	CHIEF 12	Test #1
	A	CHIEF 51	TO&E
2181.01.01a	A	CHIEF 51	TO&E
2181.01.01b	A	CHIEF 51	TO&E
2181.01.01c	A	CHIEF 51	TO&E

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LOCATION OF LEARNING OBJECTIVES REPORT

LO	ANNEX	LESSON ID	LESSON TITLE
2181.01.02	A	CHIEF 12	Test #1
	A	CHIEF 46	Using Maintenance Resources
2181.01.02a	A	CHIEF 46	Using Maintenance Resources
2181.01.02b	A	CHIEF 46	Using Maintenance Resources
2181.01.02c	A	CHIEF 46	Using Maintenance Resources
2181.01.02d	A	CHIEF 46	Using Maintenance Resources
2181.01.02e	A	CHIEF 46	Using Maintenance Resources
2181.01.03	A	CHIEF 02	Publications
	A	CHIEF 12	Test #1
	A	CHIEF 47	Final Exercise
2181.01.03a	A	CHIEF 02	Publications
2181.01.03b	A	CHIEF 02	Publications
2181.01.04	A	CHIEF 03	MOS Training
	A	CHIEF 12	Test #1
	A	CHIEF 47	Final Exercise
2181.01.04a	A	CHIEF 03	MOS Training
2181.01.04b	A	CHIEF 03	MOS Training
2181.01.04c	A	CHIEF 03	MOS Training
2181.01.04d	A	CHIEF 03	MOS Training
2181.01.05	A	CHIEF 12	Test #1
	A	CHIEF 47	Final Exercise
	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05a	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05b	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05c	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05d	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05f	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05g	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.05h	A	CHIEF 52	Supervise Use of Support Equipment/TMDE
2181.01.06	A	CHIEF 04	Supply Structure/DLA Handbook
	A	CHIEF 05	Shop Supply Procedures
	A	CHIEF 12	Test #1
	A	CHIEF 47	Final Exercise

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## SECTION IV - CONCEPT CARDS

## LOCATION OF LEARNING OBJECTIVES REPORT

LO	ANNEX	LESSON ID	LESSON TITLE
	A	CHIEF 55	Fiscal / Budget
2181.01.06a	A	CHIEF 05	Shop Supply Procedures
2181.01.06b	A	CHIEF 05	Shop Supply Procedures
2181.01.06c	A	CHIEF 05	Shop Supply Procedures
2181.01.06d	A	CHIEF 05	Shop Supply Procedures
2181.01.06e	A	CHIEF 05	Shop Supply Procedures
2181.01.06f	A	CHIEF 05	Shop Supply Procedures
2181.01.06g	A	CHIEF 55	Fiscal / Budget
2181.01.06h	A	CHIEF 04	Supply Structure/DLA Handbook
2181.01.06i	A	CHIEF 04	Supply Structure/DLA Handbook
2181.01.06j	A	CHIEF 04	Supply Structure/DLA Handbook
2181.01.07	A	CHIEF 12	Test #1
	A	CHIEF 53	Facilities
	A	CHIEF 60	Field Maintenance Area
2181.01.07a	A	CHIEF 53	Facilities
2181.01.07b	A	CHIEF 60	Field Maintenance Area
2181.01.07c	A	CHIEF 53	Facilities
2181.01.07d	A	CHIEF 53	Facilities
2181.01.07f	A	CHIEF 60	Field Maintenance Area
2181.01.08	A	CHIEF 14	Maintenance Phases
2181.01.08a	A	CHIEF 14	Maintenance Phases
2181.01.08b	A	CHIEF 14	Maintenance Phases
2181.01.09	A	CHIEF 11	Corrosion Prevention and Control
	A	CHIEF 16	Demil
	A	CHIEF 17	Product Quality Deficiency Report (PQDR)
	A	CHIEF 18	Depot Level Maintenance Programs
	A	CHIEF 20	Recoverable Items
	A	CHIEF 47	Final Exercise
	A	CHIEF 49	Awards and Incentives
2181.01.09a	A	CHIEF 11	Corrosion Prevention and Control
	A	CHIEF 24	Test #2
2181.01.09b	A	CHIEF 11	Corrosion Prevention and Control
	A	CHIEF 24	Test #2

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## SECTION IV - CONCEPT CARDS

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LO	ANNEX	LESSON ID	LESSON TITLE
2181.01.09c	A	CHIEF 11	Corrosion Prevention and Control
	A	CHIEF 24	Test #2
2181.01.09d	A	CHIEF 16	Demil
	A	CHIEF 30	Test #3
2181.01.09e	A	CHIEF 16	Demil
	A	CHIEF 30	Test #3
2181.01.09f	A	CHIEF 17	Product Quality Deficiency Report (PQDR)
	A	CHIEF 30	Test #3
2181.01.09g	A	CHIEF 17	Product Quality Deficiency Report (PQDR)
	A	CHIEF 30	Test #3
2181.01.09h	A	CHIEF 17	Product Quality Deficiency Report (PQDR)
	A	CHIEF 30	Test #3
2181.01.09i	A	CHIEF 17	Product Quality Deficiency Report (PQDR)
	A	CHIEF 30	Test #3
2181.01.09j	A	CHIEF 20	Recoverable Items
	A	CHIEF 30	Test #3
2181.01.09k	A	CHIEF 20	Recoverable Items
	A	CHIEF 30	Test #3
2181.01.09l	A	CHIEF 20	Recoverable Items
	A	CHIEF 30	Test #3
2181.01.09m	A	CHIEF 20	Recoverable Items
	A	CHIEF 30	Test #3
2181.01.09n	A	CHIEF 49	Awards and Incentives
2181.01.09o	A	CHIEF 49	Awards and Incentives
2181.01.09p	A	CHIEF 18	Depot Level Maintenance Programs
2181.01.09q	A	CHIEF 18	Depot Level Maintenance Programs
2181.01.09r	A	CHIEF 16	Demil
2181.01.09s	A	CHIEF 16	Demil
2181.01.09t	A	CHIEF 16	Demil
2181.01.09u	A	CHIEF 16	Demil
2181.01.10	A	CHIEF 15	PM
	A	CHIEF 24	Test #2
	A	CHIEF 47	Final Exercise
2181.01.10a	A	CHIEF 15	PM

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LO	ANNEX	LESSON ID	LESSON TITLE
2181.01.10b	A	CHIEF 15	PM
2181.01.10c	A	CHIEF 15	PM
2181.01.11	A	CHIEF 24	Test #2
	A	CHIEF 47	Final Exercise
	A	CHIEF 59	CM
2181.01.11a	A	CHIEF 59	CM
2181.01.11b	A	CHIEF 15	PM
	A	CHIEF 59	CM
2181.01.12	A	CHIEF 07	Modifications
	A	CHIEF 24	Test #2
	A	CHIEF 47	Final Exercise
2181.01.12a	A	CHIEF 07	Modifications
2181.01.12b	A	CHIEF 07	Modifications
2181.01.12c	A	CHIEF 07	Modifications
2181.01.13	A	CHIEF 09	Hazardous Materials
	A	CHIEF 30	Test #3
	A	CHIEF 47	Final Exercise
2181.01.13a	A	CHIEF 09	Hazardous Materials
2181.01.13b	A	CHIEF 09	Hazardous Materials
2181.01.13c	A	CHIEF 09	Hazardous Materials
2181.01.14	A	CHIEF 08	Safety/Operational Risk Management
	A	CHIEF 10	LASER / Radiation / Depleted Uranium
	A	CHIEF 30	Test #3
	A	CHIEF 47	Final Exercise
2181.01.14a	A	CHIEF 08	Safety/Operational Risk Management
2181.01.14b	A	CHIEF 08	Safety/Operational Risk Management
2181.01.14c	A	CHIEF 08	Safety/Operational Risk Management
2181.01.14f	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14g	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14h	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14i	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14j	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14k	A	CHIEF 10	LASER / Radiation / Depleted Uranium

## GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

## SECTION IV - CONCEPT CARDS

## LOCATION OF LEARNING OBJECTIVES REPORT

LO	ANNEX	LESSON ID	LESSON TITLE
2181.01.14l	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14m	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14n	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14o	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14p	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14q	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14r	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.14s	A	CHIEF 10	LASER / Radiation / Depleted Uranium
2181.01.15	A	CHIEF 27	Embark
	A	CHIEF 43	CSS Planning
	A	CHIEF 47	Final Exercise
2181.01.15a	A	CHIEF 43	CSS Planning
2181.01.15b	A	CHIEF 43	CSS Planning
2181.01.15c	A	CHIEF 43	CSS Planning
2181.01.15d	A	CHIEF 43	CSS Planning
2181.01.15e	A	CHIEF 27	Embark
2181.01.15f	A	CHIEF 27	Embark
2181.01.15g	A	CHIEF 27	Embark
2181.01.15h	A	CHIEF 27	Embark
2181.01.15i	A	CHIEF 27	Embark
2181.01.16	A	CHIEF 25	Maintenance Administration
	A	CHIEF 30	Test #3
	A	CHIEF 47	Final Exercise
2181.01.16a	A	CHIEF 25	Maintenance Administration
2181.01.16b	A	CHIEF 25	Maintenance Administration
2181.01.16c	A	CHIEF 25	Maintenance Administration
2181.01.16d	A	CHIEF 25	Maintenance Administration
2181.01.16e	A	CHIEF 25	Maintenance Administration
2181.01.16f	A	CHIEF 25	Maintenance Administration
2181.01.17	A	CHIEF 01	Naval Correspondence

GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

SECTION IV - CONCEPT CARDS

LOCATION OF LEARNING OBJECTIVES REPORT

LO	ANNEX	LESSON ID	LESSON TITLE
	A	CHIEF 12	Test #1
	A	CHIEF 47	Final Exercise
2181.01.17a	A	CHIEF 01	Naval Correspondence
2181.01.17b	A	CHIEF 01	Naval Correspondence
2181.01.17c	A	CHIEF 01	Naval Correspondence
2181.01.18	A	CHIEF 23	Load Testing
	A	CHIEF 24	Test #2
	A	CHIEF 47	Final Exercise
2181.01.18a	A	CHIEF 23	Load Testing
2181.01.18b	A	CHIEF 23	Load Testing
2181.01.18c	A	CHIEF 23	Load Testing
2181.01.18d	A	CHIEF 23	Load Testing
2181.01.19	A	CHIEF 29	Physical Security
	A	CHIEF 47	Final Exercise
	A	CHIEF 56	Test #4
2181.01.19a	A	CHIEF 29	Physical Security
2181.01.19b	A	CHIEF 29	Physical Security
2181.01.19c	A	CHIEF 29	Physical Security
2181.01.19d	A	CHIEF 29	Physical Security

## GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

## SECTION IV - CONCEPT CARDS

## ACADEMIC SUMMARY

IDENTIFIER	TITLE	HRS	TYPE
ANNEX A - ACADEMIC TRAINING			
CHIEF 01	Naval Correspondence	3.50	T
CHIEF 02	Publications	15.50	T
CHIEF 03	MOS Training	6.00	T
CHIEF 04	Supply Structure/DLA Handbook	3.50	T
CHIEF 05	Shop Supply Procedures	4.00	T
CHIEF 07	Modifications	1.50	T
CHIEF 08	Safety/Operational Risk Management	3.00	T
CHIEF 09	Hazardous Materials	3.00	T
CHIEF 10	LASER / Radiation / Depleted Uranium	2.50	T
CHIEF 11	Corrosion Prevention and Control	1.50	T
CHIEF 12	Test #1	3.50	E
CHIEF 13	Occupation Field Brief	3.00	LP
CHIEF 14	Maintenance Phases	3.00	T
CHIEF 15	PM	1.00	T
CHIEF 16	Demil	2.00	T
CHIEF 17	Product Quality Deficiency Report (PQDR)	2.00	T
CHIEF 18	Depot Level Maintenance Programs	1.50	T
CHIEF 19	Joint Oil Analysis Program (JOAP) Procedures	2.00	T
CHIEF 20	Recoverable Items	1.50	T
CHIEF 21	Battle Damage Assessment (BDAR)	3.00	T
CHIEF 23	Load Testing	2.50	T
CHIEF 24	Test #2	3.00	E
CHIEF 25	Maintenance Administration	4.00	T
CHIEF 26	Licensing	1.50	T
CHIEF 27	Embark	2.00	T
CHIEF 29	Physical Security	5.50	T
CHIEF 30	Test #3	3.50	E
CHIEF 31	Management Problems Video	3.00	LP
CHIEF 32	Integrated Logistics Capability (ILC)	3.50	LP
CHIEF 33	Phases of Acquisition	1.50	LP
CHIEF 42	Field Supply Maintenance Analysis Office (FSMAO)	2.50	LP
CHIEF 43	CSS Planning	3.00	T
CHIEF 45	Joint Tracking Asset Visibility (JTAV)	3.00	LP
CHIEF 46	Using Maintenance Resources	4.00	T
CHIEF 47	Final Exercise	8.00	E
CHIEF 48	Monitor Brief	4.00	LP
CHIEF 49	Awards and Incentives	1.00	T
CHIEF 50	Assist in Fielding of New Equipment/Universal Needs Statement	1.50	LP
CHIEF 51	TO&E	2.00	T
CHIEF 52	Supervise Use of Support Equipment/TMDE	5.00	T
CHIEF 53	Facilities	2.00	T
CHIEF 55	Fiscal / Budget	2.00	T
CHIEF 56	Test #4	4.50	E
CHIEF 57	AAAV tour	8.00	LP
CHIEF 58	Reliability Concept of Maintenance (RCM)	8.00	LP
CHIEF 59	CM	2.00	T
CHIEF 60	Field Maintenance Area	1.50	T
CHIEF 61	Tour of school house	7.00	LP

Annex Total : 165.50

Total Academic Hours : 165.50

GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

SECTION IV - CONCEPT CARDS

ACADEMIC SUMMARY

<u>IDENTIFIER</u>	<u>TITLE</u>	<u>HRS</u>	<u>TYPE</u>
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GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

SECTION IV - CONCEPT CARDS

ADMINISTRATIVE SUMMARY

<u>IDENTIFIER</u>	<u>TITLE</u>	<u>HRS</u>	<u>TYPE</u>
ANNEX Z - ADMINISTRATIVE			
CHIEF Z01	Check In	0.50	ADM
CHIEF Z02	Welcome Aboard	0.50	ADM
CHIEF Z04	Course Overview	1.00	ADM
CHIEF Z05	Pre-Test	1.00	ADM
CHIEF Z08	Graduation / Check Out	2.50	ADM

Total Administrative Hours : 5.50

Total POI Hours : 171.00

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 01

HOURS: 3.50

TITLE: Naval Correspondence

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	2.00	20:1
PA	1.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and the information required to publish, prepare routine correspondence, messages and reports for ground ordnance equipment, to ensure correspondence, messages and reports are completed per the mission requirements and references. (2181.01.17)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and the information required to publish, identify references, to ensure correspondence, messages and reports are completed per the mission requirements and references. (2181.01.17a)
2. Given the references, automated systems with internet access, and the information required to publish, draft correspondence, to ensure correspondence, messages and reports are completed per the mission requirements and references. (2181.01.17b)
3. Given the references, automated systems with internet access, and the information required to publish, draft messages, to ensure correspondence, messages and reports are completed per the mission requirements and references. (2181.01.17c)

NOTE(S):

This class has a homework assignment.

REFERENCE

REFERENCE #

- |   |                   |
|---|-------------------|
| 1. Local Policies/Procedures                    | LOCAL POLICIES    |
| 2. IRAM   | MCO P1070.12      |
| 3. Department of the Navy Correspondence Manual | SECNAVINST 5216.5 |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 02

HOURS: 15.50

TITLE: Publications

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	3.50	20:1
PA	12.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise publications and directives programs in support of ground ordnance equipment programs, to ensure that maintenance libraries and mission requirements are maintained per the references. (2181.01.03)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, determine publications requirements, to ensure that maintenance libraries and mission requirements are maintained per the references. (2181.01.03a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise publication control procedures, to ensure that maintenance libraries and mission requirements are maintained per the references. (2181.01.03b)

NOTE(S):

This class has a read-ahead assignment.  
MCO P4790.2C Pages 2-14 Thru 2-17.

REFERENCE

REFERENCE #

- |  |                 |
|--|-----------------|
| 1. Local Policies/Procedures                         | LOCAL POLICIES  |
| 2. MIMMS Field Procedures Manual                     | MCO P4790.2_    |
| 3. USMC Directives System                            | MCO P5215.1     |
| 4. The Marine Corps Technical Publications System    | MCO P5215.17    |
| 5. Marine Corps Publication and Printing Regulations | MCO P5600.31    |
| 6. Stock List 1-2                                    | SL-1-2          |
| 7. Stock List 1-3                                    | SL-1-3          |
| 8. Special Allowance List                            | SPEC ALLOW LIST |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 02

HOURS: 15.50

TITLE: Publications

- |  |          |
|--|----------|
| 9. Marine Corps Publications Distribution System | UM-MCPDS |
| 10. Publication Library Management System        | UM-PLMS  |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 03

HOURS: 6.00

TITLE: MOS Training

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	5.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, manage ground ordnance maintenance MOS training program, to ensure that maintenance MOS training is conducted per the references. (2181.01.04)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, identify training requirements, to ensure that maintenance MOS training is conducted per the references. (2181.01.04a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, develop a training plan, to ensure that maintenance MOS training is conducted per the references. (2181.01.04b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, conduct training, to ensure that maintenance MOS training is conducted per the references. (2181.01.04c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, review training, to ensure that maintenance MOS training is conducted per the references. (2181.01.04d)

REFERENCE

REFERENCE #

- |   |                 |
|---|-----------------|
| 1. Individual Training Standard for all MOS   | MCO 1510 SERIES |
| 2. Marine Corps Unit Training Manangment (TM) | MCO 1553.3      |
| 3. MIMMS Field Procedures Manual              | MCO P4790.2_    |
| 4. Unit Training Management                   | MCRP 3-OA       |
| 5. How to Conduct Training                    | MCRP 3-OB       |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 04

HOURS: 3.50

TITLE: Supply Structure/DLA Handbook

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	2.00	20:1
PA	1.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise supply support procedures for ground ordnance equipment, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify supply references, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06h)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the elements of supply management, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06i)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify subsystems of supply, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06j)

REFERENCE

REFERENCE #

- |   |               |
|---|---------------|
| 1. Defense Logistics Acquisition Handbook | DLA HANDBOOK  |
| 2. Consumer Level Supply Policy Manual    | MCO P4400.150 |
| 3. Unit Level Supply Policy Manual        | MCO P4400.151 |
| 4. FMF SASSY Using Unit Procedures        | UM 4400-124   |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 05

HOURS: 4.00

TITLE: Shop Supply Procedures

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	2.50	20:1
PA	1.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise supply support procedures for ground ordnance equipment, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify shop supply references, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, order repair parts, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise a layette program, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise a PEB program, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06d)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, utilize a CMR, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06e)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise a supply reconciliation, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06f)

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 05

HOURS: 4.00

TITLE: Shop Supply Procedures

NOTE(S):

This class has a read-ahead assignment.

MCO P4790.2C Pages 2-7 Thru 2-11 Para 2004-2010.

REFERENCE

REFERENCE #

- |  |               |
|--|---------------|
| 1. Reporting Missing, Lost, Stolen, or Recovered (MLSR)<br>Government Property | MCO 4340.1    |
| 2. USMC Serial Number Control of Small Arms Systems                            | MCO 8300.1    |
| 3. Regulated/Controlled Item Management Manual                                 | MCO P440.82   |
| 4. Consumer Level Supply Policy Manual   | MCO P4400.150 |
| 5. MIMMS Field Procedures Manual   | MCO P4790.2_  |
| 6. Ground Equipment Record Procedures  | TM 4700-15/1_ |
| 7. FMF SASSY Using Unit Procedures   | UM 4400-124   |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 07

HOURS: 1.50

TITLE: Modifications

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise modification programs for ground ordnance equipment, to ensure that equipment modifications are accomplished per the mission requirements and references. (2181.01.12)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify equipment requiring modification, to ensure that equipment modifications are accomplished per the mission requirements and references. (2181.01.12a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, verify equipment configuration, to ensure that equipment modifications are accomplished per the mission requirements and references. (2181.01.12b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise modification procedures, to ensure that equipment modifications are accomplished per the mission requirements and references. (2181.01.12c)

REFERENCE

REFERENCE #

- |  |               |
|--|---------------|
| 1. Applicable Equipment Modification Instruction | APPLICABLE MI |
| 2. MIMMS Introduction Manual                     | MCO P4790.1   |
| 3. MIMMS Field Procedures Manual                 | MCO P4790.2_  |
| 4. Ground Equipment Record Procedures            | TM 4700-15/1_ |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 08

HOURS: 3.00

TITLE: Safety/Operational Risk Management

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	2.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and a maintenance facility, supervise shop safety program for ground ordnance equipment, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and a maintenance facility, determine safety programs requirements, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14a)
2. Given the references, automated systems with internet access, and a maintenance facility, monitor compliance with shop safety procedures, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14b)
3. Given the references, automated systems with internet access, and a maintenance facility, implement corrective actions, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14c)

REFERENCE

REFERENCE #

- |   |                   |
|---|-------------------|
| 1. Occupational Safety and Health Standards, Hazard Communication | 29 CFR 1910.1200  |
| 2. Current ALMARS   | CURRENT ALMARS    |
| 3. Current MARADMINs  | CURRENT MARADMINs |
| 4. Marine Corps Drive Safe Order                                  | MCO 5100.19_      |
| 5. Marine Corps Safety Program                                    | MCO 5100.29       |
| 6. Marine Corps order on off-duty/rec safety                      | MCO 5100.30_      |
| 7. Marine Corps Radiation Safety Program                          | MCO 5104.3        |
| 8. Marine Corps Hearing Conservation Order                        | MCO 6260.1_       |
| 9. Radioactive Commodities DOD SYS                                | MCO P4400.105     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 08

HOURS: 3.00

TITLE: Safety/Operational Risk Management

- |  |                      |
|--|----------------------|
| 10. MIMMS Field Procedures Manual                              | MCO P4790.2_         |
| 11. Environmental Compliance and Protection Manual             | MCO P5090.2__        |
| 12. Marine Corps Occupational Safety and Health Program Manual | MCO P5100.8_         |
| 13. Unit Safety Program Management Manual                      | NAVMC 2692           |
| 14. Naval Radiological Safety Program                          | NAVSEATM-50420-AA-RA |
| 15. Controls of Hazards to Health from Laser Radiation         | TB MED 524           |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 09

HOURS: 3.00

TITLE: Hazardous Materials

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.50	20:1
PA	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and a maintenance facility, monitor environmental compliance for ground ordnance equipment, to ensure that environmental compliance procedures are observed per the mission requirements and references. (2181.01.13)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and a maintenance facility, Determine environmental compliance requirements, to ensure that environmental compliance procedures are observed per the mission requirements and references. (2181.01.13a)
2. Given the references, automated systems with internet access, and a maintenance facility, Monitor unit environmental compliance with unit representative, to ensure that environmental compliance procedures are observed per the mission requirements and references. (2181.01.13b)
3. Given the references, automated systems with internet access, and a maintenance facility, implement corrective actions, to ensure that environmental compliance procedures are observed per the mission requirements and references. (2181.01.13c)

REFERENCE

REFERENCE #

- |   |                   |
|---|-------------------|
| 1. Occupational Safety and Health Standards, Hazard Communication | 29 CFR 1910.1200  |
| 2. Current ALMARS   | CURRENT ALMARS    |
| 3. Current MARADMINs  | CURRENT MARADMINs |
| 4. Marine Corps Safety Program                                    | MCO 5100.29       |
| 5. Marine Corps Radiation Safety Program                          | MCO 5104.3        |
| 6. Consumer Level Supply Policy Manual                            | MCO P4400.150     |
| 7. MIMMS Field Procedures Manual                                  | MCO P4790.2_      |
| 8. Environmental Compliance and Protection Manual                 | MCO P5090.2__     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 09

HOURS: 3.00

TITLE: Hazardous Materials

- |   |                      |
|---|----------------------|
| 9. Marine Corps Occupational Safety and Health Program Manual | MCO P5100.8_         |
| 10. Naval Radiological Safety Program                         | NAVSEATM-50420-AA-RA |
| 11. Controls of Hazards to Health from Laser Radiation        | TB MED 524           |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 10

HOURS: 2.50

TITLE: LASER / Radiation / Depleted Uranium

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	2.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and a maintenance facility, supervise shop safety program for ground ordnance equipment, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, and a maintenance facility, identify LASER/Radiation references, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14f)
2. Given the references, automated systems with internet access, and a maintenance facility, identify equipment with lasers and or radiation material, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14g)
3. Given the references, automated systems with internet access, and a maintenance facility, identify classifications of lasers, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14h)
4. Given the references, automated systems with internet access, and a maintenance facility, identify warning signs, labels, and devices which contain lasers or radiation material, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14i)
5. Given the references, automated systems with internet access, and a maintenance facility, supervise the implementation of the Laser hazard program, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14j)
6. Given the references, automated systems with internet access, and a maintenance facility, maintain a laser medical surveillance program, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14k)
7. Given the references, automated systems with internet access, and a maintenance facility, maintain an inventory of military exempt and class 3b and class 4 lasers, to ensure that shop safety practices are observed per the mission requirements and

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 10

HOURS: 2.50

TITLE: LASER / Radiation / Depleted Uranium

references. (2181.01.14l)

8. Given the references, automated systems with internet access, and a maintenance facility, identify responsibilities of key personnel pertaining to laser and radiation safety, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14m)
9. Given the references, automated systems with internet access, and a maintenance facility, conduct training pertaining to the safe handling of equipment with lasers or radiation material, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14n)
10. Given the references, automated systems with internet access, and a maintenance facility, supervise the disposal of radiological waste, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14o)
11. Given the references, automated systems with internet access, and a maintenance facility, maintain radiological medical surveillance program, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14p)
12. Given the references, automated systems with internet access, and a maintenance facility, state the emergency procedures pertaining to laser injuries and radiation material incidents, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14q)
13. Given the references, automated systems with internet access, and a maintenance facility, identify items that contain Depleted Uranium, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14r)
14. Given the references, automated systems with internet access, and a maintenance facility, identify points of contacts (POC) pertaining to laser and radiation safety, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14s)

NOTE(S):

This class has a read-ahead assignment.  
MCO 5104.1\_ and MCO 5104.3\_

REFERENCE

REFERENCE #

- |   |             |
|---|-------------|
| 1. Safety Manual                                    | 10 CFR      |
| 2. Performance standards for light emitting devices | 21 CFR 1040 |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 10

HOURS: 2.50

TITLE: LASER / Radiation / Depleted Uranium

3. Occupational Safety and Health Standards, Hazard Communication	29 CFR 1910.1200
4. LASER safety standards	ANSI Z136.1
5. Navy LASER hazards control program	BUMEDINST 6470.23
6. Current ALMARS	CURRENT ALMARS
7. Current MARADMINs	CURRENT MARADMINs
8. Storage and handling of Hazardous Materials	MCO 4450.12
9. Marine Corps Safety Program	MCO 5100.29
10. Marine Corps Ground Occupational Safety and Health Program	MCO 5100.8
11. Military Exempt LASER Inventory	MCO 5104.1A
12. Marine Corps Radiation Safety Program	MCO 5104.3
13. Radioactive Commodities DOD SYS	MCO P4400.105
14. MIMMS Field Procedures Manual	MCO P4790.2_
15. Environmental Compliance and Protection Manual	MCO P5090.2__
16. Radiation Health Protection Manual	NAVMED P-5055
17. Naval Radiological Safety Program	NAVSEATM-50420-AA-RA
18. Controls of Hazards to Health from Laser Radiation	TB MED 524
19. Special Handling Considerations Tritium Fire Control	TI 5104-15/2

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 11

HOURS: 1.50

TITLE: Corrosion Prevention and Control

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the CPAC references, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the elements of corrosion, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the CPAC process, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09c)

REFERENCE

REFERENCE #

- |   |                 |
|---|-----------------|
| 1. Applicable Technical Information   | APPLICABLE TM   |
| 2. Applicable Unit Logistics Support Summary (ULSS)   | APPLICABLE ULSS |
| 3. DOD Directive 4160.21  | DOD DIR 4160.21 |
| 4. Marine Corps Military Incentive Awards Program   | MCO 1650.17     |
| 5. Marine Corps Ground Equipment Resource Reporting (MCGERR)                                    | MCO 3000.11     |
| 6. Marine Corps Warranty Program  | MCO 4105.2      |
| 7. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program | MCO 4733.1      |
| 8. Corrosion Prevention and Control (CPAC) Program  | MCO 4790.18     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 11

HOURS: 1.50

TITLE: Corrosion Prevention and Control

- |   |               |
|---|---------------|
| 9. MIMMS Field Procedures Manual                    | MCO P4790.2_  |
| 10. MIMMS Depot Policy Manual                       | MCO P4790.3_  |
| 11. Corrosion Control for Marine Corps Equipment    | TM 3080-12    |
| 12. Ground Equipment Record Procedures              | TM 4700-15/1_ |
| 13. Organizational Corrosion Prevention and Control | TM 4795-12    |
| 14. Direct Support Corrosion Prevention and Control | TM 4795-34    |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 12

HOURS: 3.50

TITLE: Test #1

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	0.50	20:1
X(W)	3.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise publications and directives programs in support of ground ordnance equipment programs, to ensure that maintenance libraries and mission requirements are maintained per the references. (2181.01.03)
2. Given the references, automated systems with internet access, and the information required to publish, prepare routine correspondence, messages and reports for ground ordnance equipment, to ensure correspondence, messages and reports are completed per the mission requirements and references. (2181.01.17)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, manage ground ordnance maintenance MOS training program, to ensure that maintenance MOS training is conducted per the references. (2181.01.04)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise supply support procedures for ground ordnance equipment, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise support equipment for ground ordnance equipment, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, establish maintenance management programs for ground ordnance equipment, to ensure that mission requirements are completed per the references. (2181.01.01)
7. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, supervise ground ordnance maintenance facilities, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07)
8. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, Supervise Ground Maintenance Resources To ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02)

NOTE(S):

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 12

HOURS: 3.50

TITLE: Test #1

Classes covered:

Chief 01  
Chief 02  
Chief 03  
Chief 04  
Chief 05  
Chief 27  
Chief 43  
Chief 55

REFERENCE

REFERENCE #

1. Applicable Technical Information	APPLICABLE TM
2. Local Policies/Procedures	LOCAL POLICIES
3. Local Unit SOP	LOCAL UNIT SOP
4. Logistics	MCDP 4
5. Individual Training Standard for all MOS	MCO 1510 SERIES
6. Marine Corps Unit Training Managment (TM)	MCO 1553.3
7. Supply Orders	MCO 4400 SERIES
8. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program	MCO 4733.1
9. IRAM	MCO P1070.12
10. Consumer Level Supply Policy Manual	MCO P4400.150
11. MIMMS Introduction Manual	MCO P4790.1
12. MIMMS Field Procedures Manual	MCO P4790.2_
13. USMC Directives System	MCO P5215.1
14. The Marine Corps Technical Publications System	MCO P5215.17
15. Marine Corps Publication and Printing Regulations	MCO P5600.31
16. Unit Training Management	MCRP 3-OA
17. How to Conduct Training	MCRP 3-OB
18. Tactical-Level Logistics	MCWP 4-11
19. Department of the Navy Correspondence Manual	SECNAVINST 5216.5
20. Ground Equipment Record Procedures	TM 4700-15/1_

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

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ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 12

HOURS: 3.50

TITLE: Test #1

21. FMF SASSY Using Unit Procedures

UM 4400-124

22. Publication Library Management System

UM-PLMS

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 13

HOURS: 3.00

TITLE: Occupation Field Brief

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GL	3.00	20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

The topics that will be covered are: HQMC structure, I&L functions, and other USMC projects. This class will be an open discussion that will allow the Marines the opportunity to talk about a wide range of subjects with the occupation field sponsor.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 14

HOURS: 3.00

TITLE: Maintenance Phases

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	2.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, automated reports, equipment records, and maintenance resources, supervise maintenance production schedules for ground ordnance equipment, to ensure that maintenance production is accomplished per the mission requirements available resources and references. (2181.01.08)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, automated reports, equipment records, and maintenance resources, identify the phases of maintenance, to ensure that maintenance production is accomplished per the mission requirements available resources and references. (2181.01.08a)
2. Given the references, automated systems with internet access, automated reports, equipment records, and maintenance resources, identify the steps in the maintenance production process, to ensure that maintenance production is accomplished per the mission requirements available resources and references. (2181.01.08b)

REFERENCE

REFERENCE #

- |                                  |              |
|----------------------------------|--------------|
| 1. MIMMS Introduction Manual     | MCO P4790.1  |
| 2. MIMMS Field Procedures Manual | MCO P4790.2_ |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 15

HOURS: 1.00

TITLE: PM

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise preventive maintenance checks and services (PMCS) for ground ordnance equipment, to ensure that preventive maintenance checks and services are accomplished per the mission requirements and references. (2181.01.10)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify PM references, to ensure that preventive maintenance checks and services are accomplished per the mission requirements and references. (2181.01.10a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify PM procedures, to ensure that preventive maintenance checks and services are accomplished per the mission requirements and references. (2181.01.10b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, complete PM roster, to ensure that preventive maintenance checks and services are accomplished per the mission requirements and references. (2181.01.10c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise QC procedures, to ensure that corrective maintenance is accomplished per the mission requirements and references. (2181.01.11b)

NOTE(S):

This class has a homework assignment.

The students will be provided a list of Equipment requiring PM, a NAVMC 10561 and a deployment scenario to take into consideration in order to properly complete a NAVMC 10561.

REFERENCE

REFERENCE #

1. Applicable Technical Information

APPLICABLE TM

2. Local Policies/Procedures

LOCAL POLICIES

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 15

HOURS: 1.00

TITLE: PM

3. MIMMS Introduction Manual

MCO P4790.1

4. MIMMS Field Procedures Manual

MCO P4790.2\_

5. Ground Equipment Record Procedures

TM 4700-15/1\_

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 16

HOURS: 2.00

TITLE: Demil

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify procedures required for the demilitarization of weapons and ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09d)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify procedures for the handling of surplus/foreign military ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09e)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the procedures for the handling of Historic and Museum pieces, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09r)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the procedures for the handling of weapon parts, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09s)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the documentation required for weapons, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09t)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify who can perform Demilitarization, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09u)

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 16

HOURS: 2.00

TITLE: Demil

REFERENCE

REFERENCE #

1. Applicable Technical Information	APPLICABLE TM
2. Applicable Unit Logistics Support Summary (ULSS)	APPLICABLE ULSS
3. DOD Directive 4160.21	DOD DIR 4160.21
4. Marine Corps Ground Equipment Resource Reporting (MCGERR)	MCO 3000.11
5. Marine Corps Warranty Program	MCO 4105.2
6. Product Quality Deficiency Report (PQDR)	MCO 4855.10
7. USMC Serial Number Control of Small Arms Systems	MCO 8300.1
8. MIMMS Introduction Manual	MCO P4790.1
9. MIMMS Field Procedures Manual	MCO P4790.2_
10. MIMMS Depot Policy Manual	MCO P4790.3_
11. Corrosion Control for Marine Corps Equipment	TM 3080-12
12. Ground Equipment Record Procedures	TM 4700-15/1_
13. Organizational Corrosion Prevention and Control	TM 4795-12
14. Direct Support Corrosion Prevention and Control	TM 4795-34

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 17

HOURS: 2.00

TITLE: Product Quality Deficiency Report (PQDR)

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the objective of the Product Quality Deficiency Report (PQDR), to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09f)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the categories of a PQDR, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09g)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the reporting procedures of a PQDR, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09h)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the disposition instructions of a PQDR, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09i)

NOTE(S):

This class has a read-ahead assignment.  
MCO 4855.10

REFERENCE

REFERENCE #

- |   |                 |
|---|-----------------|
| 1. Applicable Technical Information                 | APPLICABLE TM   |
| 2. Applicable Unit Logistics Support Summary (ULSS) | APPLICABLE ULSS |
| 3. DOD Directive 4160.21                            | DOD DIR 4160.21 |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

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ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 17

HOURS: 2.00

TITLE: Product Quality Deficiency Report (PQDR)

4. Marine Corps Military Incentive Awards Program	MCO 1650.17
5. Marine Corps Ground Equipment Resource Reporting (MCGERR)	MCO 3000.11
6. Marine Corps Warranty Program	MCO 4105.2
7. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program	MCO 4733.1
8. Corrosion Prevention and Control (CPAC) Program	MCO 4790.18
9. Product Quality Deficiency Report (PQDR)	MCO 4855.10
10. USMC Serial Number Control of Small Arms Systems	MCO 8300.1
11. MIMMS Introduction Manual	MCO P4790.1
12. MIMMS Field Procedures Manual	MCO P4790.2_
13. MIMMS Depot Policy Manual	MCO P4790.3_
14. Corrosion Control for Marine Corps Equipment	TM 3080-12
15. Ground Equipment Record Procedures	TM 4700-15/1_
16. Organizational Corrosion Prevention and Control	TM 4795-12
17. Direct Support Corrosion Prevention and Control	TM 4795-34
18. <a href="http://www.ala.usmc.mil/pqdr/default.asp">www.ala.usmc.mil/pqdr/default.asp</a>	WEB SIGHT

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 18

HOURS: 1.50

TITLE: Depot Level Maintenance Programs

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise unit and major subordinate command level execution of depot level maintenance programs, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09p)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise execution of contract logistic support, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09q)

REFERENCE

REFERENCE #

- |   |                 |
|---|-----------------|
| 1. Applicable Technical Information   | APPLICABLE TM   |
| 2. Applicable Unit Logistics Support Summary (ULSS)   | APPLICABLE ULSS |
| 3. DOD Directive 4160.21  | DOD DIR 4160.21 |
| 4. Marine Corps Military Incentive Awards Program   | MCO 1650.17     |
| 5. Marine Corps Ground Equipment Resource Reporting (MCGERR)                                    | MCO 3000.11     |
| 6. Marine Corps Warranty Program  | MCO 4105.2      |
| 7. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program | MCO 4733.1      |
| 8. Corrosion Prevention and Control (CPAC) Program  | MCO 4790.18     |
| 9. Product Quality Deficiency Report (PQDR)   | MCO 4855.10     |
| 10. USMC Serial Number Control of Small Arms Systems  | MCO 8300.1      |
| 11. MIMMS Introduction Manual   | MCO P4790.1     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 18

HOURS: 1.50

TITLE: Depot Level Maintenance Programs

- |   |               |
|---|---------------|
| 12. MIMMS Field Procedures Manual                   | MCO P4790.2_  |
| 13. MIMMS Depot Policy Manual                       | MCO P4790.3_  |
| 14. Corrosion Control for Marine Corps Equipment    | TM 3080-12    |
| 15. Ground Equipment Record Procedures              | TM 4700-15/1_ |
| 16. Organizational Corrosion Prevention and Control | TM 4795-12    |
| 17. Direct Support Corrosion Prevention and Control | TM 4795-34    |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 19

HOURS: 2.00

TITLE: Joint Oil Analysis Program (JOAP) Procedures

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and NAVMC 10561, supervise the joint oil analysis program (JOAP) for ordnance vehicle, to ensure that the oil analysis is accomplished per the mission requirements and references. (2149.02.03)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and NAVMC 10561, identify JOAP references, to ensure that the oil analysis is accomplished per the mission requirements and references. (2149.02.03a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and NAVMC 10561, conduct an analysis, to ensure that the oil analysis is accomplished per the mission requirements and references. (2149.02.03b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and NAVMC 10561, identify JOAP forms, to ensure that the oil analysis is accomplished per the mission requirements and references. (2149.02.03c)

NOTE(S):

This class has a read-ahead assignment.  
Scan MCO P4731.1

REFERENCE

REFERENCE #

- |   |               |
|---|---------------|
| 1. Oil Analysis Program for Ground Equipment  | MCO 4731.1    |
| 2. MIMMS Field Procedures Manual              | MCO P4790.2_  |
| 3. The U.S. Marine Corps Oil Analysis Program | TI-4731-14/1C |
| 4. Ground Equipment Record Procedures         | TM 4700-15/1_ |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 20

HOURS: 1.50

TITLE: Recoverable Items

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WIR process for a primary end item, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09j)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WIR process for a secondary repairable item, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09k)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WIR process for small arms, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09l)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WOLPH program, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09m)

REFERENCE

REFERENCE #

- |  |                 |
|--|-----------------|
| 1. Applicable Technical Information                          | APPLICABLE TM   |
| 2. Applicable Unit Logistics Support Summary (ULSS)          | APPLICABLE ULSS |
| 3. DOD Directive 4160.21                                     | DOD DIR 4160.21 |
| 4. Marine Corps Military Incentive Awards Program            | MCO 1650.17     |
| 5. Marine Corps Ground Equipment Resource Reporting (MCGERR) | MCO 3000.11     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 20

HOURS: 1.50

TITLE: Recoverable Items

6. Marine Corps Warranty Program	MCO 4105.2
7. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program	MCO 4733.1
8. Corrosion Prevention and Control (CPAC) Program	MCO 4790.18
9. Product Quality Deficiency Report (PQDR)	MCO 4855.10
10. USMC Serial Number Control of Small Arms Systems	MCO 8300.1
11. MIMMS Introduction Manual	MCO P4790.1
12. MIMMS Field Procedures Manual	MCO P4790.2_
13. MIMMS Depot Policy Manual	MCO P4790.3_
14. Corrosion Control for Marine Corps Equipment	TM 3080-12
15. Ground Equipment Record Procedures	TM 4700-15/1_
16. Organizational Corrosion Prevention and Control	TM 4795-12
17. Direct Support Corrosion Prevention and Control	TM 4795-34

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 21

HOURS: 3.00

TITLE: Battle Damage Assessment (BDAR)

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.50	20:1
PA	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, supervise recovery operations of ordnance vehicles, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, define Battlefield Damage and Repair (BDAR), to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01h)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify the basic rules of BDAR, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01e)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify maintenance procedures for BDAR, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01f)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify BDAR assessment and repair forms, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01g)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify recovery references, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01a)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify recovery procedures, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01b)

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 21

HOURS: 3.00

TITLE: Battle Damage Assessment (BDAR)

7. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify rigging procedures, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01c)
  
8. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, identify recovery safety procedures, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01d)

REFERENCE

REFERENCE #

- |  |               |
|--|---------------|
| 1. Applicable Technical Information                | APPLICABLE TM |
| 2. Battle Field Damage Assessment Report           | FMFRP 4-34    |
| 3. MIMMS Field Procedures Manual                   | MCO P4790.2_  |
| 4. Maintenance Sub-Managed Ordnance Combat Vehicle | TI-8005-25/12 |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 23

HOURS: 2.50

TITLE: Load Testing

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, coordinate load test procedures for ground ordnance equipment, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, identify load testing requirements, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, establish a load test certification schedule, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, assist certifying authority, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, supervise completion of administrative functions, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18d)

NOTE(S):

This class has a read-ahead assignment.  
Scan MCO P11262.2\_

REFERENCE

1. Applicable Technical Information
2. Garrison Mobile Equipment

REFERENCE #

APPLICABLE TM  
MCO P11240.106\_

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 23

HOURS: 2.50

TITLE: Load Testing

3. Inspection, Testing, and Cetification of Tactical Ground Load Lifting Equipment MCO P11262.2
4. Management of Weight Handling Equipment NAVFAC P307
5. Ground Equipment Record Procedures TM 4700-15/1\_

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 24

HOURS: 3.00

TITLE: Test #2

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	0.50	20:1
X(W)	2.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise preventive maintenance checks and services (PMCS) for ground ordnance equipment, to ensure that preventive maintenance checks and services are accomplished per the mission requirements and references. (2181.01.10)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise corrective maintenance (CM) programs for ground ordnance equipment, to ensure that corrective maintenance is accomplished per the mission requirements and references. (2181.01.11)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and NAVMC 10561, supervise the joint oil analysis program (JOAP) for ordnance vehicle, to ensure that the oil analysis is accomplished per the mission requirements and references. (2149.02.03)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise modification programs for ground ordnance equipment, to ensure that equipment modifications are accomplished per the mission requirements and references. (2181.01.12)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, coordinate load test procedures for ground ordnance equipment, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the CPAC references, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the elements of corrosion, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the CPAC process, to ensure

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 24

HOURS: 3.00

TITLE: Test #2

that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09c)

NOTE(S):

Instructor Instructions:

Ensure each student has access to references.  
Inform students of the time limit and remaining time.  
Collect tests, record scores and turn in scores to the SMI.  
Review test questions missed, for 30 minutes.

Student Instructions:

With references and a 2 1/2 hour time limit complete the test with a minimum score of 80%. Turn in your completed test and take a break until called back to the classroom.

Classes covered:

Chief 07  
Chief 11  
Chief 14  
Chief 15  
Chief 18  
Chief 19  
Chief 23

REFERENCE

REFERENCE #

- |   |                 |
|---|-----------------|
| 1. Applicable Equipment Modification Instruction  | APPLICABLE MI   |
| 2. Applicable Technical Information   | APPLICABLE TM   |
| 3. Applicable Unit Logistics Support Summary (ULSS)   | APPLICABLE ULSS |
| 4. DOD Directive 4160.21  | DOD DIR 4160.21 |
| 5. Marine Corps Military Incentive Awards Program   | MCO 1650.17     |
| 6. Marine Corps Ground Equipment Resource Reporting (MCGERR)                                    | MCO 3000.11     |
| 7. Marine Corps Warranty Program  | MCO 4105.2      |
| 8. Oil Analysis Program for Ground Equipment  | MCO 4731.1      |
| 9. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program | MCO 4733.1      |
| 10. Corrosion Prevention and Control (CPAC) Program   | MCO 4790.18     |
| 11. Product Quality Deficiency Report (PQDR)  | MCO 4855.10     |
| 12. Garrison Mobile Equipment   | MCO P11240.106_ |
| 13. Inspection, Testing, and Certification of Tactical Ground Load                              | MCO P11262.2    |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 24

HOURS: 3.00

TITLE: Test #2

Lifting Equipment

- |  |               |
|--|---------------|
| 14. MIMMS Introduction Manual                    | MCO P4790.1   |
| 15. MIMMS Field Procedures Manual                | MCO P4790.2_  |
| 16. MIMMS Depot Policy Manual                    | MCO P4790.3_  |
| 17. Management of Weight Handling Equipment      | NAVFAC P307   |
| 18. The U.S. Marine Corps Oil Analysis Program   | TI-4731-14/1C |
| 19. Corrosion Control for Marine Corps Equipment | TM 3080-12    |
| 20. Ground Equipment Record Procedures           | TM 4700-15/1_ |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 25

HOURS: 4.00

TITLE: Maintenance Administration

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	3.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance shop information requirements for ground ordnance equipment, to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify MIMMS references, to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, utilize the Daily Process Report (DPR), to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, utilize the Daily Transaction List (DTL), to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, utilize Table of Allowed Material (TAM), to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16d)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, utilize the weekly exceptions report, to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16e)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, utilize the LM2 report, to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16f)

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 25

HOURS: 4.00

TITLE: Maintenance Administration

NOTE(S):

This class has a read-ahead assignment.  
MCO P4790.2C Ch4

REFERENCE

REFERENCE #

1. Applicable Technical Information

APPLICABLE TM

2. Current MARADMINS

CURRENT MARADMINS

3. MIMMS Field Procedures Manual

MCO P4790.2\_

4. MIMMS AIS Field Maintenance Procedures

UM 4790.5

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 26

HOURS: 1.50

TITLE: Licensing

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, supervise licensing program for ordnance recovery vehicles, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, identify the licensing references, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, identify who requires a license, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, identify the categories of licenses, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, ensure license training is conducted, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02d)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, ensure training is documented, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02e)

REFERENCE

1. Applicable Technical Information
2. Manual for the Wheeled Vehicle Driver

REFERENCE #

- APPLICABLE TM  
FM 21-305

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 26

HOURS: 1.50

TITLE: Licensing

3. Licensing Procedures for Ordnance Vehicle Operations

MCO 8400.6

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 27

HOURS: 2.00

TITLE: Embark

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise embarkation of ground ordnance equipment, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify assets for embarkation, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15e)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, prepare assets for embarkation, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15f)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, coordinate with embarkation personnel on unique embarkation requirements, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15g)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, embark/debark assets, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15h)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, conduct periodic inspections, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15i)

REFERENCE

1. Local Policies/Procedures
2. Local Unit SOP

REFERENCE #

- LOCAL POLICIES  
LOCAL UNIT SOP

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 27

HOURS: 2.00

TITLE: Embark

- |   |               |
|---|---------------|
| 3. Marine Corps packing and packing maintenance of small arms                                 | MCO 4030.16   |
| 4. Special provisions   | MCO 4030.19   |
| 5. Storage and supply activities  | MCO 4030.25   |
| 6. Packing material   | MCO 4030.33   |
| 7. Management and execution of intergrated logistics support for ships, systems and equipment | MCO 4110.2    |
| 8. Uniform Materiel Movement and Issue Priority System  | MCO 4400.16_  |
| 9. Transportation and traffic management  | MCO 4600.25   |
| 10. Use of inter modal containers   | MCO 4600.30   |
| 11. Shipment of military equipment, explosives and other dangerous articles                   | MCO 4610.15   |
| 12. Consumer Level Supply Policy Manual   | MCO P4400.150 |
| 13. Containerization policy   | MCO P4600.14  |
| 14. Commercial service plan   | MCO P4610.19  |
| 15. Tactical-Level Logistics  | MCWP 4-11     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 29

HOURS: 5.50

TITLE: Physical Security

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	3.50	20:1
PA	1.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, supervise physical security of ground ordnance equipment, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, identify security references, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, determine security requirements, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, evaluate the facility, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, conduct security training, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19d)

NOTE(S):

This class has a read-ahead assignment.  
Scan MCO 5530.14

REFERENCE

REFERENCE #

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 29

HOURS: 5.50

TITLE: Physical Security

- |  |                   |
|--|-------------------|
| 1. Applicable Technical Information  | APPLICABLE TM     |
| 2. Current ALMARS  | CURRENT ALMARS    |
| 3. Current MARADMINs   | CURRENT MARADMINs |
| 4. Reporting Missing, Lost, Stolen, or Recovered (MLSR)<br>Government Property   | MCO 4340.1        |
| 5. Arming of Security and Law Enforcement (LE) Personnel and the<br>Use of Force | MCO 5500.6        |
| 6. Marine Corps Physical Security Program Manual                                 | MCO 5530.14       |
| 7. USMC Serial Number Control of Small Arms Systems                              | MCO 8300.1        |
| 8. Consumer Level Supply Policy Manual   | MCO P4400.150     |
| 9. Physical Security of Arms, Ammunition, & Explosives                           | OPNAVINST 5530.13 |
| 10. Physical Security and Loss Prevention  | OPNAVINST 5530.14 |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 30

HOURS: 3.50

TITLE: Test #3

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	0.50	20:1
X(W)	3.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, supervise recovery operations of ordnance vehicles, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, supervise licensing program for ordnance recovery vehicles, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02)
3. Given the references, automated systems with internet access, and a maintenance facility, monitor environmental compliance for ground ordnance equipment, to ensure that environmental compliance procedures are observed per the mission requirements and references. (2181.01.13)
4. Given the references, automated systems with internet access, and a maintenance facility, supervise shop safety program for ground ordnance equipment, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance shop information requirements for ground ordnance equipment, to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify procedures required for the demilitarization of weapons and ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09d)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify procedures for the handling of surplus/foreign military ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09e)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the objective of the Product

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 30

HOURS: 3.50

TITLE: Test #3

Quality Deficiency Report (PQDR), to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09f)

4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the categories of a PQDR, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09g)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the reporting procedures of a PQDR, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09h)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the disposition instructions of a PQDR, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09i)
7. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WIR process for a primary end item, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09j)
8. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WIR process for a secondary repairable item, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09k)
9. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WIR process for small arms, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09l)
10. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the WOLPH program, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09m)

NOTE(S):

Instructor Instructions:

- Ensure each student has access to references.
- Inform students of the time limit and remaining time.
- Collect tests, record scores and turn in scores to the SMI.
- Review test questions missed, for 30 minutes.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 30

HOURS: 3.50

TITLE: Test #3

Student Instructions:

With references and a 3 hour time limit complete the test with a minimum score of 80%. Turn in your completed test and take a break until called back to the classroom.

Classes covered:

Chief 08  
Chief 09  
Chief 10  
Chief 16  
Chief 17  
Chief 20  
Chief 21  
Chief 22  
Chief 25  
Chief 26

REFERENCE

REFERENCE #

1. Occupational Safety and Health Standards, Hazard Communication	29 CFR 1910.1200
2. Applicable Technical Information	APPLICABLE TM
3. Applicable Unit Logistics Support Summary (ULSS)	APPLICABLE ULSS
4. Current ALMARS	CURRENT ALMARS
5. Current MARADMINs	CURRENT MARADMINs
6. DOD Directive 4160.21	DOD DIR 4160.21
7. Marine Corps Military Incentive Awards Program	MCO 1650.17
8. Marine Corps Ground Equipment Resource Reporting (MCGERR)	MCO 3000.11
9. Marine Corps Warranty Program	MCO 4105.2
10. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program	MCO 4733.1
11. Corrosion Prevention and Control (CPAC) Program	MCO 4790.18
12. Product Quality Deficiency Report (PQDR)	MCO 4855.10
13. Marine Corps Safety Program	MCO 5100.29
14. Marine Corps Ground Occupational Safety and Health Program	MCO 5100.8
15. Marine Corps Radiation Safety Program	MCO 5104.3
16. Licensing Procedures for Ordnance Vehicle Operations	MCO 8400.6

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 30

HOURS: 3.50

TITLE: Test #3

17. Radioactive Commodities DOD SYS	MCO P4400.105
18. MIMMS Introduction Manual	MCO P4790.1
19. MIMMS Field Procedures Manual	MCO P4790.2_
20. MIMMS Depot Policy Manual	MCO P4790.3_
21. Environmental Compliance and Protection Manual	MCO P5090.2__
22. Naval Radiological Safety Program	NAVSEATM-50420-AA-RA
23. Controls of Hazards to Health from Laser Radiation	TB MED 524
24. Corrosion Control for Marine Corps Equipment	TM 3080-12
25. Ground Equipment Record Procedures	TM 4700-15/1_
26. MIMMS AIS Field Maintenance Procedures	UM 4790.5

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 31

HOURS: 3.00

TITLE: Management Problems Video

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GD	3.00	20:1

MEDIA: CPU, PPP, TV, VCR, VT

LESSON PURPOSE:

The videos cover the following topics:

Video 1: Become proficient at dealing with office politics.  
Improve listening skills.

Video 2: Develop effective communication and teamwork.  
Communicate in an effective and clear manner.  
Become a team-builder.  
Coach to success.

Video 3: Importance of practicing and promoting company loyalty.  
Effective decision-making.  
How to get employees to take decision-making initiative.

After viewing each video there will be a guided discussion about the topics of each video.

NOTE(S):

Each video is approximately 30 minutes long.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 32

HOURS: 3.50

TITLE: Intregrated Logisitcs Capability (ILC)

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GL	3.50	20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

This class is taught by an outside agency. The programs that will be discussed in this class are the manufacturer's warranty programs, maintenance out-sourcing and equipment exchange programs.

NOTE(S):

If taught to standard, this class would be associated with task 2181.01.11.  
This program is still being developed.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 33

HOURS: 1.50

TITLE: Phases of Acquisition

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GL	1.50	20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

This class is taught by an outside agency. This class covers the acquisition of equipment and the phases that it goes through.

NOTE(S):

If taught to standard, this class would be associated with task 2181.01.21.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 42

HOURS: 2.50

TITLE: Field Supply Maintenance Analysis Office (FSMAO)

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GD	2.50	20:1

MEDIA: AIO, CPU, PPP

LESSON PURPOSE:

This class is a guided discussion on the uses of the Field Supply Maintenance Analysis Office (FSMAO) check list in everyday shop procedures.

FSMAO preparation and assistance inspections.

Instructions: During discussion have students access FSMAO 3, Camp Butler Okinawa, Japan via the web site address <http://www.mcbbutler.usmc.mil/fsmao/> This web site has the FSMAO checklist in a user friendly format.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 43

HOURS: 3.00

TITLE: CSS Planning

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	1.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP, ST

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise embarkation of ground ordnance equipment, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, define CSS planning, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the fundamentals of CSS planning, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the CSS functional areas, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the seven principals of CSS planning, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15d)

REFERENCE

REFERENCE #

- |   |                |
|---|----------------|
| 1. Local Policies/Procedures                                  | LOCAL POLICIES |
| 2. Local Unit SOP   | LOCAL UNIT SOP |
| 3. Marine Corps packing and packing maintenance of small arms | MCO 4030.16    |
| 4. Special provisions   | MCO 4030.19    |
| 5. Storage and supply activities                              | MCO 4030.25    |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 43

HOURS: 3.00

TITLE: CSS Planning

- |   |               |
|---|---------------|
| 6. Packing material   | MCO 4030.33   |
| 7. Management and execution of intergrated logistics support for ships, systems and equipment | MCO 4110.2    |
| 8. Uniform Materiel Movement and Issue Priority System  | MCO 4400.16_  |
| 9. Transportation and traffic management  | MCO 4600.25   |
| 10. Use of inter modal containers   | MCO 4600.30   |
| 11. Shipment of military equipment, explosives and other dangerous articles                   | MCO 4610.15   |
| 12. Consumer Level Supply Policy Manual   | MCO P4400.150 |
| 13. Containerization policy   | MCO P4600.14  |
| 14. Commercial service plan   | MCO P4610.19  |
| 15. Tactical-Level Logistics  | MCWP 4-11     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 45

HOURS: 3.00

TITLE: Joint Tracking Asset Visibility (JTAV)

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GL	3.00	20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

This class is taught by an outside agency. It is a web site that allows Marines to search all of DOD for parts and supplies, <http://www.defenselink.mil/acq/jtav>.

NOTE(S):

If taught to standard, this class would be associated with task 2181.01.06.  
This is only one of the systems that can be used by maintenance managers.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 46

HOURS: 4.00

TITLE: Using Maintenance Resources

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	3.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP, WB

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, Supervise Ground Maintenance Resources To ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, identify available resources, ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, consolidate time into usable blocks, ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, assist the maintenance Officer/MMO in conducting TO&E reviews, ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, identify personnel strengths and weaknesses to match them against mission requirements, ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02d)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, personnel, maintenance facility and a budget, ensure that repair parts and maintenance related supplies are requisitioned when required, ensure that mission requirements and equipment readiness are maintained per the references. (2181.01.02e)

REFERENCE

1. Defense Logistics Aquisition Handbook

REFERENCE #

DLA HANDBOOK

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 46

HOURS: 4.00

TITLE: Using Maintenance Resources

- |   |               |
|---|---------------|
| 2. Logistics  | MCDP 4        |
| 3. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program | MCO 4733.1    |
| 4. Consumer Level Supply Policy Manual  | MCO P4400.150 |
| 5. MIMMS Introduction Manual  | MCO P4790.1   |
| 6. MIMMS Field Procedures Manual  | MCO P4790.2_  |
| 7. USMC Directives System   | MCO P5215.1   |
| 8. The Marine Corps Technical Publications System   | MCO P5215.17  |
| 9. Tactical-Level Logistics   | MCWP 4-11     |
| 10. Ground Equipment Record Procedures  | TM 4700-15/1_ |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 47

HOURS: 8.00

TITLE: Final Exercise

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
X(P)	7.00	20:1

MEDIA: CPU, PPP, ST

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and equipment, supervise recovery operations of ordnance vehicles, to ensure that the recovery of vehicle is safely accomplished per the mission requirements and references. (2149.02.01)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel records and equipment, supervise licensing program for ordnance recovery vehicles, to ensure that the required personnel are trained and licensed per the mission requirements and references. (2149.02.02)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records and NAVMC 10561, supervise the joint oil analysis program (JOAP) for ordnance vehicle, to ensure that the oil analysis is accomplished per the mission requirements and references. (2149.02.03)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise publications and directives programs in support of ground ordnance equipment programs, to ensure that maintenance libraries and mission requirements are maintained per the references. (2181.01.03)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and personnel records, manage ground ordnance maintenance MOS training program, to ensure that maintenance MOS training is conducted per the references. (2181.01.04)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise support equipment for ground ordnance equipment, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05)
7. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise supply support procedures for ground ordnance equipment, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06)
8. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)
9. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise preventive maintenance checks

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

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ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 47

HOURS: 8.00

TITLE: Final Exercise

and services (PMCS) for ground ordnance equipment, to ensure that preventive maintenance checks and services are accomplished per the mission requirements and references. (2181.01.10)

10. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise corrective maintenance (CM) programs for ground ordnance equipment, to ensure that corrective maintenance is accomplished per the mission requirements and references. (2181.01.11)
11. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise modification programs for ground ordnance equipment, to ensure that equipment modifications are accomplished per the mission requirements and references. (2181.01.12)
12. Given the references, automated systems with internet access, and a maintenance facility, monitor environmental compliance for ground ordnance equipment, to ensure that environmental compliance procedures are observed per the mission requirements and references. (2181.01.13)
13. Given the references, automated systems with internet access, and a maintenance facility, supervise shop safety program for ground ordnance equipment, to ensure that shop safety practices are observed per the mission requirements and references. (2181.01.14)
14. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise embarkation of ground ordnance equipment, to ensure that ordnance equipment is embarked per the mission requirements and references. (2181.01.15)
15. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance shop information requirements for ground ordnance equipment, to ensure that ordnance equipment information is completed per the mission requirements and references. (2181.01.16)
16. Given the references, automated systems with internet access, and the information required to publish, prepare routine correspondence, messages and reports for ground ordnance equipment, to ensure correspondence, messages and reports are completed per the mission requirements and references. (2181.01.17)
17. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment and equipment records, coordinate load test procedures for ground ordnance equipment, to ensure that load testing is conducted, certified, and maintained per the mission requirements and references. (2181.01.18)
18. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, supervise physical security of ground ordnance equipment, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19)

REFERENCE

REFERENCE #

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 47

HOURS: 8.00

TITLE: Final Exercise

1. Occupational Safety and Health Standards, Hazard Communication	29 CFR 1910.1200
2. Applicable Equipment Modification Instruction	APPLICABLE MI
3. Applicable Technical Information	APPLICABLE TM
4. Applicable Unit Logistics Support Summary (ULSS)	APPLICABLE ULSS
5. Current ALMARS	CURRENT ALMARS
6. Current MARADMINs	CURRENT MARADMINs
7. DOD Directive 4160.21	DOD DIR 4160.21
8. Local Policies/Procedures	LOCAL POLICIES
9. Local Unit SOP	LOCAL UNIT SOP
10. Individual Training Standard for all MOS	MCO 1510 SERIES
11. Marine Corps Unit Training Management (TM)	MCO 1553.3
12. Marine Corps Military Incentive Awards Program	MCO 1650.17
13. Marine Corps Ground Equipment Resource Reporting (MCGERR)	MCO 3000.11
14. Marine Corps Warranty Program	MCO 4105.2
15. Supply Orders	MCO 4400 SERIES
16. Oil Analysis Program for Ground Equipment	MCO 4731.1
17. Marine Corps Test, Measurement and Diagnostic Equipment Calibrations and Maintenance Program	MCO 4733.1
18. Corrosion Prevention and Control (CPAC) Program	MCO 4790.18
19. Product Quality Deficiency Report (PQDR)	MCO 4855.10
20. Marine Corps Safety Program	MCO 5100.29
21. Marine Corps Ground Occupational Safety and Health Program	MCO 5100.8
22. Marine Corps Radiation Safety Program	MCO 5104.3
23. Arming of Security and Law Enforcement (LE) Personnel and the Use of Force	MCO 5500.6
24. Marine Corps Physical Security Program Manual	MCO 5530.14
25. Licensing Procedures for Ordnance Vehicle Operations	MCO 8400.6

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 47

HOURS: 8.00

TITLE: Final Exercise

26. IRAM	MCO P1070.12
27. Garrison Mobile Equipment	MCO P11240.106_
28. Inspection, Testing, and Cetification of Tactical Ground Load Lifting Equipment	MCO P11262.2
29. Radioactive Commodities DOD SYS	MCO P4400.105
30. Consumer Level Supply Policy Manual	MCO P4400.150
31. MIMMS Introduction Manual	MCO P4790.1
32. MIMMS Field Procedures Manual	MCO P4790.2_
33. MIMMS Depot Policy Manual	MCO P4790.3_
34. Environmental Compliance and Protection Manual	MCO P5090.2__
35. USMC Directives System	MCO P5215.1
36. The Marine Corps Technical Publications System	MCO P5215.17
37. Marine Corps Publication and Printing Regulations	MCO P5600.31
38. Unit Training Management	MCRP 3-OA
39. How to Conduct Training	MCRP 3-OB
40. Management of Weight Handling Equipment	NAVFAC P307
41. Naval Radiological Safety Program	NAVSEATM-50420-AA-RA
42. Physical Security of Arms, Ammunition, & Explosives	OPNAVINST 5530.13
43. Physical Security and Loss Prevention	OPNAVINST 5530.14
44. Department of the Navy Correspondence Manual	SECNAVINST 5216.5
45. Controls of Hazards to Health from Laser Radiation	TB MED 524
46. The U.S. Marine Corps Oil Analysis Program	TI-4731-14/1C
47. Infantry Weapons Gauge Calibration Exchange Program	TI-4733-15/11
48. Corrosion Control for Marine Corps Equipment	TM 3080-12
49. Ground Equipment Record Procedures	TM 4700-15/1_
50. FMF SASSY Using Unit Procedures	UM 4400-124
51. MIMMS AIS Field Maintenance Procedures	UM 4790.5

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 47

HOURS: 8.00

TITLE: Final Exercise

52. Publication Library Management System

UM-PLMS

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 48

HOURS: 4.00

TITLE: Monitor Brief

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GL	4.00	20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

The 2100 monitor will brief the class on how assignment decisions are made.

Ordnance MMEA Overview

Manpower's Mission  
MMEA Functions  
Monitors Functions  
Unit Cohesion  
Voiding MOS's  
MOS Retention  
What's New

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 49

HOURS: 1.00

TITLE: Awards and Incentives

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise maintenance related programs for ground ordnance equipment, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the individual assigned responsibilities, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09n)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify the operation of the incentive awards program, to ensure that maintenance related programs are accomplished per the mission requirements and references. (2181.01.09o)

NOTE(S):

This class has a read-ahead assignment.  
MCO 1650.17

REFERENCE

REFERENCE #

1. Marine Corps Military Incentive Awards Program

MCO 1650.17

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 50

HOURS: 1.50

TITLE: Assist in Fielding of New Equipment/Universal Needs Statement

METHOD            HOURS            S:I RATIO

GL                    1.50                    20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

This class is taught by an outside agency. This is lesson purpose because it provides a brief overview of the new equipment fielding process.

NOTE(S):

If taught to standard, this class would be associated with task 2181.01.20.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 51

HOURS: 2.00

TITLE: TO&E

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	0.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, establish maintenance management programs for ground ordnance equipment, to ensure that mission requirements are completed per the references. (2181.01.01)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify mission requirements, to ensure that mission requirements are completed per the references. (2181.01.01a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, analyze capabilities, to ensure that mission requirements are completed per the references. (2181.01.01b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, determine resource requirements, to ensure that mission requirements are completed per the references. (2181.01.01c)

REFERENCE

REFERENCE #

- |  |                |
|--|----------------|
| 1. Local Policies/Procedures           | LOCAL POLICIES |
| 2. Local Unit SOP                      | LOCAL UNIT SOP |
| 3. Total Force Structure Process       | MCO 5311.1C    |
| 4. Consumer Level Supply Policy Manual | MCO P4400.150  |
| 5. MIMMS Introduction Manual           | MCO P4790.1    |
| 6. MIMMS Field Procedures Manual       | MCO P4790.2_   |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 52

HOURS: 5.00

TITLE: Supervise Use of Support Equipment/TMDE

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	3.50	20:1
PA	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise support equipment for ground ordnance equipment, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify tool control requirements, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify tool control procedures, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05b)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise tool accountability, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05c)
4. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify equipment calibration requirements, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05d)
5. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify types of calibration, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05f)
6. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, schedule calibration equipment, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05g)

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 52

HOURS: 5.00

TITLE: Supervise Use of Support Equipment/TMDE

7. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify IWGCP, to ensure that equipment is utilized per the mission requirements and references. (2181.01.05h)

REFERENCE

REFERENCE #

- |   |                   |
|---|-------------------|
| 1. Applicable Technical Information   | APPLICABLE TM     |
| 2. Current MARADMINs  | CURRENT MARADMINs |
| 3. Consumer Level Supply Policy Manual  | MCO P4400.150     |
| 4. MIMMS Field Procedures Manual  | MCO P4790.2_      |
| 5. Special Allowance List   | SPEC ALLOW LIST   |
| 6. Infantry Weapons Gauge Calibration Exchange Program                            | TI 4733-15/11     |
| 7. Calibration Requirements Marine Corps TMDE Calibration and Maintenance Program | TI 4733-15/1_     |
| 8. Ground Equipment Record Procedures   | TM 4700-15/1_     |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 53

HOURS: 2.00

TITLE: Facilities

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1
PA	1.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, supervise ground ordnance maintenance facilities, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, identify facilities, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, select field maintenance sites, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07c)
3. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, organize maintenance areas, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07d)

NOTE(S):

This class has a read-ahead assignment.  
Read MCO P4790.2C Pages 2-13 Para 2006  
Scan MCO P4790.2C Appendix F

REFERENCE

REFERENCE #

- |  |               |
|--|---------------|
| 1. Applicable Technical Information  | APPLICABLE TM |
| 2. Inspection, Testing, and Cetification of Tactical Ground Load Lifting Equipment | MCO P11262.2  |
| 3. MIMMS Introduction Manual   | MCO P4790.1   |
| 4. MIMMS Field Procedures Manual   | MCO P4790.2_  |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 55

HOURS: 2.00

TITLE: Fiscal / Budget

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GD	0.50	20:1
L	1.00	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise supply support procedures for ground ordnance equipment, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify funding/budget requirements, to ensure that supply support programs are employed per the mission requirements and references. (2181.01.06g)

REFERENCE

REFERENCE #

1. FMF SASSY Using Unit Procedures

UM 4400-124

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

EXAM ID: CHIEF 56

HOURS: 4.50

TITLE: Test #4

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	0.50	20:1
X(W)	4.00	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment, equipment records and ground ordnance equipment storage facilities, supervise physical security of ground ordnance equipment, to ensure that ground ordnance equipment is safeguarded from theft/tampering per the mission requirements and references. (2181.01.19)

NOTE(S):

Instructor Instructions:

Ensure each student has access to references.  
Inform students of the time limit and remaining time.  
Collect tests, record scores and turn in scores to the SMI.  
Review test questions missed, for 30 minutes.

Student Instructions:

With references and a 4 hour time limit complete the test with a minimum score of 80%.  
Turn in your completed test and take a break until called back to the classroom.

Classes covered:

Chief 16  
Chief 29

REFERENCE

REFERENCE #

- |   |                   |
|---|-------------------|
| 1. Current ALMARS   | CURRENT ALMARS    |
| 2. Current MARADMINs  | CURRENT MARADMINs |
| 3. Arming of Security and Law Enforcement (LE) Personnel and the Use of Force | MCO 5500.6        |
| 4. Marine Corps Physical Security Program Manual                              | MCO 5530.14       |
| 5. Physical Security of Arms, Ammunition, & Explosives                        | OPNAVINST 5530.13 |
| 6. Physical Security and Loss Prevention                                      | OPNAVINST 5530.14 |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 57

HOURS: 8.00

TITLE: AAV tour

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
GL	8.00	20:1

MEDIA: AIO

LESSON PURPOSE:

This class is an introduction to the AAV and a tour of the factory in the Quantico area.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 58

HOURS: 8.00

TITLE: Reliability Concept of Maintenance (RCM)

METHOD            HOURS            S:I RATIO

GL                    8.00                    20:1

MEDIA: CPU, PPP

LESSON PURPOSE:

This lesson covers refining maintenance processes to increase task efficiency.

NOTE(S):

If taught to standard, this class would be associated with task 2181.01.02.  
A note has been added to the POI cover page for a down grade request from standard to preliminary at the schoolhouse.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 59

HOURS: 2.00

TITLE: CM

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.50	20:1
QUIZ	0.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise corrective maintenance (CM) programs for ground ordnance equipment, to ensure that corrective maintenance is accomplished per the mission requirements and references. (2181.01.11)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), personnel, personnel records, equipment, equipment records and maintenance facilities, provide technical supervision in the repair for the family of Ordnance Vehicles to ensure that maintenance of ordnance vehicles is accomplished per the mission requirements and references. (2149.02.04)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, identify CM procedures, to ensure that corrective maintenance is accomplished per the mission requirements and references. (2181.01.11a)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), and equipment records, supervise QC procedures, to ensure that corrective maintenance is accomplished per the mission requirements and references. (2181.01.11b)

REFERENCE

REFERENCE #

- |                                       |               |
|---------------------------------------|---------------|
| 1. Applicable Technical Information   | APPLICABLE TM |
| 2. MIMMS Introduction Manual          | MCO P4790.1   |
| 3. MIMMS Field Procedures Manual      | MCO P4790.2_  |
| 4. Ground Equipment Record Procedures | TM 4700-15/1_ |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 60

HOURS: 1.50

TITLE: Field Maintenance Area

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.50	20:1

MEDIA: CPU, PPP

TERMINAL LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, supervise ground ordnance maintenance facilities, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07)

ENABLING LEARNING OBJECTIVE(S):

1. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, select field maintenance sites, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07b)
2. Given the references, automated systems with internet access, Table of Organization & Equipment (TO&E), equipment records, and facilities, identify portable maintenance facilities, to ensure that maintenance facilities are utilized per the mission requirements and references. (2181.01.07f)

REFERENCE

REFERENCE #

- |                                     |               |
|-------------------------------------|---------------|
| 1. Applicable Technical Information | APPLICABLE TM |
| 2. MIMMS Introduction Manual        | MCO P4790.1   |
| 3. MIMMS Field Procedures Manual    | MCO P4790.2_  |

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX A - ACADEMIC TRAINING

LESSON ID: CHIEF 61

HOURS: 7.00

TITLE: Tour of school house

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	7.00	20:1

MEDIA: AIO

LESSON PURPOSE:

This period covers a complete tour of all courses taught by the Detachment. Course Managers for each course will explain the details for how their course operates.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: CHIEF Z01

HOURS: 0.50

EVENT: Check In

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
ADMIN	0.50	20:1

MEDIA:

NOTE(S):

The students will turn in their orders to the admin section and the admin section will answer any questions concerning their orders, travel, and per diem.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: CHIEF Z02

HOURS: 0.50

EVENT: Welcome Aboard

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	0.50	20:1

MEDIA:

NOTE(S):

The Commanding Officer welcomes the Marines and speaks about the importance of the information that is presented in this course and how the information can and will make them a more valuable member of their command.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: CHIEF Z04

HOURS: 1.00

EVENT: Course Overview

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
L	1.00	20:1

MEDIA:

NOTE(S):

During this time the students will receive a brief on the layout of the course, complete fitness report roughs, receive the syllabus and reading assignments for the course and meet their instructors.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: CHIEF Z05

HOURS: 1.00

EVENT: Pre-Test

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
X(W)	1.00	20:1

MEDIA: AIO

NOTE(S):

This pre-test is not for score but to determine the baseline knowledge of what each student brings to the course.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE

SECTION IV - CONCEPT CARDS

ANNEX Z - ADMINISTRATIVE

EVENT ID: CHIEF Z08

HOURS: 2.50

EVENT: Graduation / Check Out

<u>METHOD</u>	<u>HOURS</u>	<u>S:I RATIO</u>
ADMIN	2.50	20:1

MEDIA:

NOTE(S):

Graduation for 1 hour, Check out for 1.5 hours.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

SECTION V - STUDENT PERFORMANCE EVALUATION

1. SCOPE. There are two measurement methods used at the Ordnance Chief's Course. Individual lessons are evaluated by either performance evaluation calling for the student to duplicate the job performance requirements or test items on written examinations given during class.

2. MASTERY LEARNING. The evaluative philosophy utilized in this course stresses student achievement of all learning objectives. Students must master 100% of all Terminal Learning Objectives (TLOs) presented during all periods of instruction. Evaluations are used to determine mastery of the learning objectives, and not rank order the students. The minimum score of 80% is required to pass an exam.

3. EVALUATION OF STUDENTS. Each student is evaluated on each annex's learning objectives before proceeding to the next annex. This is accomplished through written test items concerning the subject material and through informal observation of student performance during practical application.

a. Written Evaluations. Knowledge-based learning objectives are evaluated by written examinations given throughout the course that contain written test items.

b. Practical Application. Students will be informally evaluated and provided feedback by instructors through observation of student performance during practical applications. Instructors evaluate student performance and provide feedback and remedial instruction until mastery of the learning objectives are achieved. The student who does not master a given subject must exert more effort and will be given one additional opportunity to achieve mastery of the learning objectives through remedial instruction. It is the responsibility of the Ordnance Chief's Course staff to render every assistance to each student needing help to achieve mastery.

c. Performance Evaluation. A performance test covering all performance-based learning objectives is conducted at the end of each annex. Students are evaluated via a performance checklist completed by the instructors.

GROUND ORDNANCE MAINTENANCE CHIEF COURSE PROGRAM OF INSTRUCTION

SECTION VI - DISTRIBUTION LIST

<u>DISTRIBUTION</u>	<u>QUANTITY</u>
COMMARFORRES	1
COMMARFORLANT	1
COMMARFORPAC	1
Marine Corps Institute (MCI)	1