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1. Purpose. Per references (a) through (g), this T&R Manual establishes training standards, regulations and practices regarding the training of Marines and sailors whose primary mission is logistics. This Manual identifies core entry-level training requirements for Military Occupational Specialty 0402, 0405, 0407, 0411, 0430, 0431, 0451, 0471, 0472, 0481, and 0491.

2. Cancellation. NAVMC 3500.27A

3. Scope

a. Formal school and training detachment commanders will use references (a) and (b) to ensure programs of instruction meet skill-training requirements established in this Manual and provide career-progression training in the events designated for initial training in the formal school environment.

b. Per reference (b), commanders will conduct an internal assessment of the unit's ability to develop long, mid and short-range training plans to sustain proficiency. Training plans will incorporate these events to standardize training and provide objective assessment of progress toward attaining combat readiness. Commanders will keep records at the unit and individual levels to record training achievements, identify training gaps and document objective assessments of readiness associated with training Marines. References (b) through (f) provide amplifying information for effective planning and management of training within the unit.

4. Information. Commanding General (CG), Training and Education Command (TECOM) will update this T&R Manual as necessary to provide current and relevant training standards to commanders and to ensure a current Core Capabilities Mission Essential Task List (METL) is available for use in Defense Readiness Reporting System (DRRS). All questions pertaining to the Marine Corps Ground T&R Program and Unit Training Management should be directed to: CG, TECOM (Ground Training Division C 469), 1019 Elliot Road, Quantico, VA 22134.

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

5. Command. This Manual is applicable to the Marine Corps Total Force.
6. Certification. Reviewed and approved this date.


R. C. FOX
By direction

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CHAPTER 1

OVERVIEW

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CHAPTER 1

OVERVIEW

1000. INTRODUCTION

1. The T&R Program is the Corps' primary tool for planning, conducting and evaluating training and assessing training readiness. Subject Matter Experts (SMEs) from the operating forces developed core capability Mission Essential Task Lists (METLs) for ground communities derived from the Marine Corps Task List (MCTL). T&R Manuals are built around these METLs and all events contained in T&R Manuals relate directly to this METL. This comprehensive T&R Program will help to ensure the Marine Corps continues to improve its combat readiness by training more efficiently and effectively. Ultimately, this will enhance the Marine Corps' ability to accomplish real-world missions.

2. The T&R Manual contains the individual and collective training requirements to prepare units to accomplish their combat mission. The T&R Manual is not intended to be an encyclopedia that contains every minute detail of how to accomplish training. Instead, it identifies the minimum standards that Marines must be able to perform in combat. The T&R Manual is a fundamental tool for commanders to build and maintain unit combat readiness. Using this tool, leaders can construct and execute an effective training plan that supports the unit's METL. More detailed information on the Marine Corps Ground T&R Program is found in reference (a).

1001. UNIT TRAINING

1. The training of Marines to perform as an integrated unit in combat lies at the heart of the T&R program. Unit and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness. A Marine's ability to perform critical skills required in combat is essential. However, it is not necessary to have all individuals within a unit fully trained in order for that organization to accomplish its assigned tasks. Manpower shortfalls, temporary assignments, leave, or other factors outside the commander's control, often affect the ability to conduct individual training. During these periods, unit readiness is enhanced if emphasis is placed on the individual training of Marines on-hand. Subsequently, these Marines will be mission ready and capable of executing as part of a team when the full complement of personnel is available.

2. Commanders will ensure that all tactical training is focused on their combat mission. The T&R Manual is a tool to help develop the unit's training plan. In most cases, unit training should focus on achieving unit proficiency in the core capabilities METL. However, commanders will adjust their training focus to support METLs associated with a major OPLAN/CONPLAN or named operation as designated by their higher commander and reported accordingly in the Defense Readiness Reporting System (DRRS). Tactical

training will support the METL in use by the commander and be tailored to meet T&R standards. Commanders at all levels are responsible for effective combat training. The conduct of training in a professional manner consistent with Marine Corps standards cannot be over emphasized.

3. Commanders will provide personnel the opportunity to attend formal and operational level courses of instruction as required by this Manual. Attendance at all formal courses must enhance the warfighting capabilities of the unit as determined by the unit commander.

1002. UNIT TRAINING MANAGEMENT

1. Unit Training Management (UTM) is the application of the Systems Approach to Training (SAT) and the Marine Corps Training Principles. This is accomplished in a manner that maximizes training results and focuses the training priorities of the unit in preparation for the conduct of its wartime mission.

2. UTM techniques, described in references (b) and (e), provide commanders with the requisite tools and techniques to analyze, design, develop, implement, and evaluate the training of their unit. The Marine Corps Training Principles, explained in reference (b), provide sound and proven direction and are flexible enough to accommodate the demands of local conditions. These principles are not inclusive, nor do they guarantee success. They are guides that commanders can use to manage unit-training programs. The Marine Corps training principles are:

- Train as you fight
- Make commanders responsible for training
- Use standards-based training
- Use performance-oriented training
- Use mission-oriented training
- Train the MAGTF to fight as a combined arms team
- Train to sustain proficiency
- Train to challenge

3. To maintain an efficient and effective training program, leaders at every level must understand and implement UTM. Guidance for UTM and the process for establishing effective programs are contained in references (a) through (g).

1003. SUSTAINMENT AND EVALUATION OF TRAINING

1. The evaluation of training is necessary to properly prepare Marines for combat. Evaluations are either formal or informal, and performed by members of the unit (internal evaluation) or from an external command (external evaluation).

2. Marines are expected to maintain proficiency in the training events for their MOS at the appropriate grade or billet to which assigned. Leaders are responsible for recording the training achievements of their Marines. Whether it involves individual or collective training events, they must ensure proficiency is sustained by requiring retraining of each event at or

before expiration of the designated sustainment interval. Performance of the training event, however, is not sufficient to ensure combat readiness. Leaders at all levels must evaluate the performance of their Marines and the unit as they complete training events, and only record successful accomplishment of training based upon the evaluation. The goal of evaluation is to ensure that correct methods are employed to achieve the desired standard, or the Marines understand how they need to improve in order to attain the standard. Leaders must determine whether credit for completing a training event is recorded if the standard was not achieved. While successful accomplishment is desired, debriefing of errors can result in successful learning that will allow ethical recording of training event completion. Evaluation is a continuous process that is integral to training management and is conducted by leaders at every level and during all phases of planning and the conduct of training. To ensure training is efficient and effective, evaluation is an integral part of the training plan. Ultimately, leaders remain responsible for determining if the training was effective.

3. The purpose of formal and informal evaluation is to provide commanders with a process to determine a unit's/Marine's proficiency in the tasks that must be performed in combat. Informal evaluations are conducted during every training evolution. Formal evaluations are often scenario-based, focused on the unit's METs, based on collective training standards, and usually conducted during higher-level collective events. References (a) and (f) provide further guidance on the conduct of informal and formal evaluations using the Marine Corps Ground T&R Program.

1004. ORGANIZATION

1. T&R Manuals are organized in one of two methods: unit-based or community-based. Unit-based T&R Manuals are written to support a type of unit (Infantry, Artillery, Tanks, etc.) and contain both collective and individual training standards. Community-based are written to support an Occupational Field, a group of related Military Occupational Specialties (MOSs), or billets within an organization (EOD, NBC, Intel, etc.), and can contain both collective and individual training standards. T&R Manuals are comprised of chapters that contain unit METs, collective training standards (CTS), and individual training standards (ITS) for each MOS, billet, etc.

2. The Logistics T&R Manual is a unit-based manual comprised of 14 chapters. Chapter 2 lists the Mission Essential Task List and their related collective events. Chapter 3 contains the collective events. Chapters 4 and 14 contain individual events.

1005. T&R EVENT CODING

1. T&R events are coded for ease of reference. Each event has up-to a 4-4-4-digit identifier. The first up-to four digits are referred to as a "community" and represent the unit type or occupation (LOG, 0402, 0481, etc.). The second up-to four digits represent the functional or duty area (ADMN, MAIN, OPS, RIG, etc.). The last four digits represent the level and sequence of the event.

2. The T&R levels are illustrated in Figure 1. An example of the T&R coding used in this Manual is shown in Figure 2.

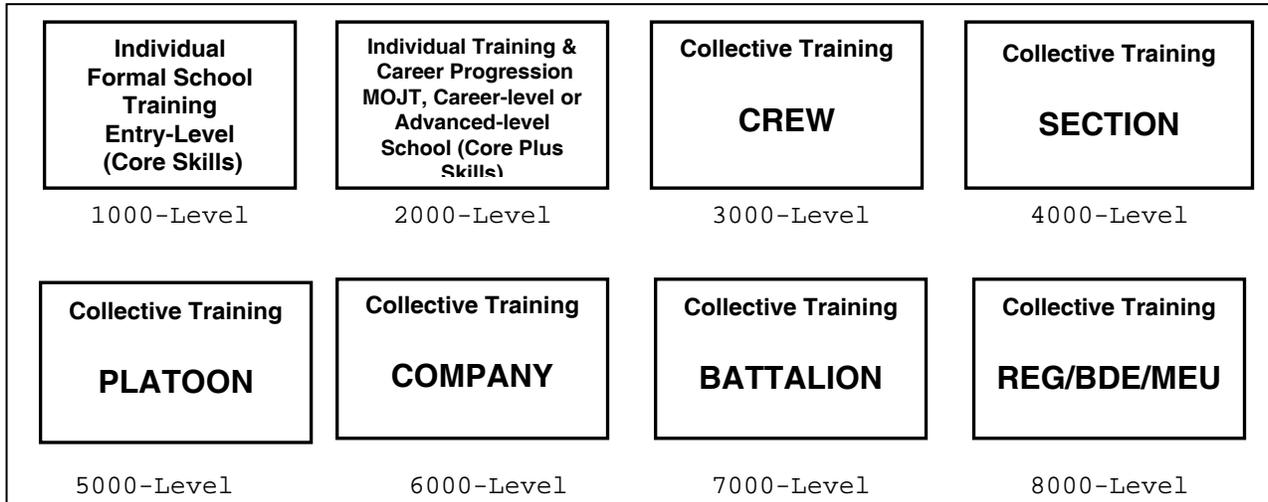


Figure 1: T&R Event Levels

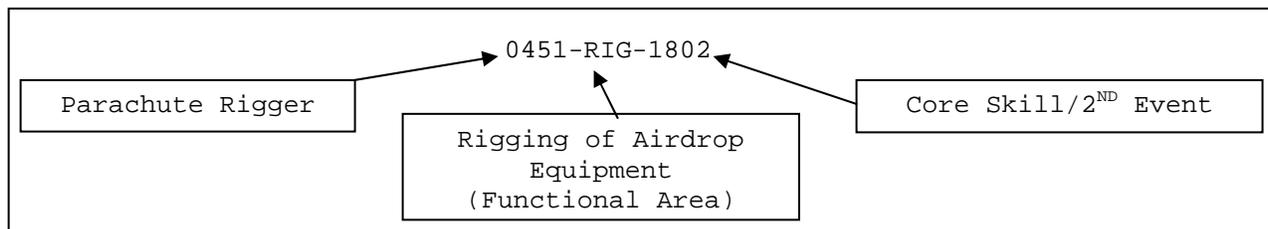


Figure 2: T&R Event Coding

1006. COMBAT READINESS PERCENTAGE

1. The Marine Corps Ground T&R Program includes processes to assess readiness of units and individual Marines. Every unit in the Marine Corps maintains a basic level of readiness based on the training and experience of the Marines in the unit. Even units that never trained together are capable of accomplishing some portion of their missions. Combat readiness assessment does not associate a quantitative value for this baseline of readiness, but uses a "Combat Readiness Percentage", as a method to provide a concise descriptor of the recent training accomplishments of units and Marines.

2. Combat Readiness Percentage (CRP) is the percentage of required training events that a unit or Marine accomplishes within specified sustainment intervals.

3. In unit-based T&R Manuals, unit combat readiness is assessed as a percentage of the successfully completed and current (within sustainment interval) key training events called "Evaluation-Coded" (E-Coded) Events. E-Coded Events and unit CRP calculation are described in follow-on paragraphs. CRP achieved through the completion of E-Coded Events is directly relevant to readiness assessment in DRRS.

4. Individual combat readiness, in both unit-based and community-based T&R Manuals, is assessed as the percentage of required individual events in which a Marine is current. This translates as the percentage of training events for his/her MOS and grade (or billet) that the Marine successfully completes within the directed sustainment interval. Individual skills are developed through a combination of 1000-level training (entry-level formal school courses), individual on-the-job training in 2000-level events, and follow-on formal school training. Skill proficiency is maintained by retraining in each event per the specified sustainment interval.

1007. EVALUATION-CODED (E-CODED) EVENTS

1. Unit-type T&R Manuals can contain numerous unit events, some for the whole unit and others for integral parts that serve as building blocks for training. To simplify training management and readiness assessment, only collective events that are critical components of a mission essential task (MET), or key indicators of a unit's readiness, are used to generate CRP for a MET. These critical or key events are designated in the T&R Manual as Evaluation-Coded (E-Coded) events. Formal evaluation of unit performance in these events is recommended because of their value in assessing combat readiness. Only E-Coded events are used to calculate CRP for each MET.

2. The use of a METL-based training program allows the commander discretion in training. This makes the T&R Manual a training tool rather than a prescriptive checklist.

1008. CRP CALCULATION

1. Collective training begins at the 3000 level (team, crew or equivalent). Unit training plans are designed to accomplish the events that support the unit METL while simultaneously sustaining proficiency in individual core skills. Using the battalion-based (unit) model, the battalion (7000-level) has collective events that directly support a MET on the METL. These collective events are E-Coded and the only events that contribute to unit CRP. This is done to assist commanders in prioritizing the training toward the METL, taking into account resource, time, and personnel constraints.

2. Unit CRP increases after the completion of E-Coded events. The number of E-Coded events for the MET determines the value of each E-Coded event. For example, if there are 4 E-Coded events for a MET, each is worth 25% of MET CRP. MET CRP is calculated by adding the percentage of each completed and current (within sustainment interval) E-Coded training event. The percentage for each MET is calculated the same way and all are added together and divided by the number of METS to determine unit CRP. For ease of calculation, we will say that each MET has 4 E-Coded events, each contributing 25% towards the completion of the MET. If the unit has completed and is current on three of the four E-Coded events for a given MET, then they have completed 75% of the MET. The CRP for each MET is added together and divided by the number of METS to get unit CRP; unit CRP is the average of MET CRP.

For Example:

MET 1: 75% complete (3 of 4 E-Coded events trained)
MET 2: 100% complete (6 of 6 E-Coded events trained)
MET 3: 25% complete (1 of 4 E-Coded events trained)
MET 4: 50% complete (2 of 4 E-Coded events trained)
MET 5: 75% complete (3 of 4 E-Coded events trained)

To get unit CRP, simply add the CRP for each MET and divide by the number of METS:

MET CRP: $75 + 100 + 25 + 50 + 75 = 325$

Unit CRP: $325 \text{ (total MET CRP)} / 5 \text{ (total number of METS)} = 65\%$

1009 T&R EVENT COMPOSITION

1. This section explains each of the components of a T&R event. These items are included in all events in each T&R Manual.

a. Event Code (see Sect 1006). The event code is a 4-4-4 character set. For individual training events, the first 4 characters indicate the occupational function. The second 4 characters indicate functional area (TAC, CBTS, VOPS, etc.). The third 4 characters are simply a numerical designator for the event.

b. Event Title. The event title is the name of the event.

c. E-Coded. This is a "yes/no" category to indicate whether or not the event is E-Coded. If yes, the event contributes toward the CRP of the associated MET. The value of each E-Coded event is based on number of E-Coded events for that MET. Refer to paragraph 1008 for detailed explanation of E-Coded events.

d. Supported MET(s). List all METs that are supported by the training event.

e. Sustainment Interval. This is the period, expressed in number of months, between evaluation and retraining requirements. Skills and capabilities acquired through the accomplishment of training events are refreshed at pre-determined intervals. It is essential that these intervals are adhered to in order to ensure Marines maintain proficiency.

f. Billet. Individual training events may contain a list of billets within the community that are responsible for performing that event. This ensures that the billet's expected tasks are clearly articulated and a Marine's readiness to perform in that billet is measured.

g. Grade. Each individual training event will list the rank(s) at which Marines are required to learn and sustain the training event.

h. Initial Training Setting. For Individual T&R Events only, this specifies the location for initial instruction of the training event in one of three categories (formal school, managed on-the-job training, distance

learning). Regardless of the specified Initial Training Setting, any T&R event may be introduced and evaluated during managed on-the-job training.

(1) "FORMAL" - When the Initial Training Setting of an event is identified as "FORMAL" (formal school), the appropriate formal school or training detachment is required to provide initial training in the event. Conversely, formal schools and training detachments are not authorized to provide training in events designated as Initial Training Setting "MOJT" or "DL." Since the duration of formal school training must be constrained to optimize Operating Forces' manning, this element provides the mechanism for Operating Forces' prioritization of training requirements for both entry-level (1000-level) and career-level (2000-level) T&R Events. For formal schools and training detachments, this element defines the requirements for content of courses.

(2) "DL" - Identifies the training event as a candidate for initial training via a Distance Learning product (correspondence course or MarineNet course).

(3) "MOJT" - Events specified for Managed On-the-Job Training are to be introduced to Marines, and evaluated, as part of training within a unit by supervisory personnel.

i. Event Description. Provide a description of the event purpose, objectives, goals, and requirements. It is a general description of an action requiring learned skills and knowledge (e.g. Camouflage the M1A1 Tank).

j. Condition. Describe the condition(s), under which tasks are performed. Conditions are based on a "real world" operational environment. They indicate what is provided (equipment, materials, manuals, aids, etc.), environmental constraints, conditions under which the task is performed, and any specific cues or indicators to which the performer must respond. When resources or safety requirements limit the conditions, this is stated.

k. Standard. The standard indicates the basis for judging effectiveness of the performance. It consists of a carefully worded statement that identifies the proficiency level expected when the task is performed. The standard provides the minimum acceptable performance parameters and is strictly adhered to. The standard for collective events is general, describing the desired end-state or purpose of the event. While the standard for individual events specifically describe to what proficiency level in terms of accuracy, speed, sequencing, quality of performance, adherence to procedural guidelines, etc., the event is accomplished.

l. Event Components. Describe the actions composing the event and help the user determine what must be accomplished and to properly plan for the event.

m. Prerequisite Events. Prerequisites are academic training or other T&R events that must be completed prior to attempting the task. They are lower-level events or tasks that give the individual/unit the skills required to accomplish the event. They can also be planning steps, administrative requirements, or specific parameters that build toward mission accomplishment.

n. Chained Events. Collective T&R events are supported by lower-level collective and individual T&R events. This enables unit leaders to effectively identify subordinate T&R events that ultimately support specific mission essential tasks. When the accomplishment of any upper-level events, by their nature, result in the performance of certain subordinate and related events, the events are "chained." The completion of chained events will update sustainment interval credit (and CRP for E-Coded events) for the related subordinate level events.

o. Related Events. Provide a list of all Individual Training Standards that support the event.

p. References. The training references are utilized to determine task performance steps, grading criteria, and ensure standardization of training procedures. They assist the trainee in satisfying the performance standards, or the trainer in evaluating the effectiveness of task completion. References are also important to the development of detailed training plans.

q. Distance Learning Products (IMI, CBT, MCI, etc.). Include this component when the event can be taught via one of these media methods vice attending a formal course of instruction or receiving MOJT.

r. Support Requirements. This is a list of the external and internal support the unit and Marines will need to complete the event. The list includes, but is not limited to:

- Range(s)/Training Area
- Ordnance
- Equipment
- Materials
- Other Units/Personnel
- Other Support Requirements

s. Miscellaneous. Provide any additional information that assists in the planning and execution of the event. Miscellaneous information may include, but is not limited to:

- Admin Instructions
- Special Personnel Certifications
- Equipment Operating Hours
- Road Miles

2. Community-based T&R Manuals have several additional components not found in unit-based T&R Manuals. These additions do not apply to this T&R Manual.

1010. CBRN TRAINING

1. All personnel assigned to the operating force must be trained in chemical, biological, radiological, and nuclear incident defense (CBRN), in order to survive and continue their mission in this environment. Individual proficiency standards are defined as survival and basic operating standards. Survival standards are those that the individual must master in order to survive CBRN attacks. Basic operating standards are those that the

individual, and collectively the unit, must perform to continue operations in a CBRN environment.

2. In order to develop and maintain the ability to operate in a CBRN environment, CBRN training is an integral part of the training plan and events in this T&R Manual. Units should train under CBRN conditions whenever possible. Per reference (c), all units must be capable of accomplishing their assigned mission in a contaminated environment.

1011. NIGHT TRAINING

1. While it is understood that all personnel and units of the operating force are capable of performing their assigned mission in "every climate and place," current doctrine emphasizes the requirement to perform assigned missions at night and during periods of limited visibility. Basic skills are significantly more difficult when visibility is limited.

2. To ensure units are capable of accomplishing their mission they must train under the conditions of limited visibility. Units should strive to conduct all events in this T&R Manual during both day and night/limited visibility conditions. When there is limited training time available, night training should take precedence over daylight training, contingent on individual, crew, and unit proficiency.

1012. OPERATIONAL RISK MANAGEMENT (ORM)

1. ORM is a process that enables commanders to plan for and minimize risk while still accomplishing the mission. It is a decision making tool used by Marines at all levels to increase operational effectiveness by anticipating hazards and reducing the potential for loss, thereby increasing the probability of a successful mission. ORM minimizes risks to acceptable levels, commensurate with mission accomplishment.

2. Commanders, leaders, maintainers, planners, and schedulers will integrate risk assessment in the decision-making process and implement hazard controls to reduce risk to acceptable levels. Applying the ORM process will reduce mishaps, lower costs, and provide for more efficient use of resources. ORM assists the commander in conserving lives and resources and avoiding unnecessary risk, making an informed decision to implement a course of action (COA), identifying feasible and effective control measures where specific measures do not exist, and providing reasonable alternatives for mission accomplishment. Most importantly, ORM assists the commander in determining the balance between training realism and unnecessary risks in training, the impact of training operations on the environment, and the adjustment of training plans to fit the level of proficiency and experience of Sailors/Marines and leaders. Further guidance for ORM is found in references (b) and (d).

1013. APPLICATION OF SIMULATION

1. Simulations/Simulators and other training devices shall be used when they are capable of effectively and economically supplementing training on the

identified training task. Particular emphasis shall be placed on simulators that provide training that might be limited by safety considerations or constraints on training space, time, or other resources. When deciding on simulation issues, the primary consideration shall be improving the quality of training and consequently the state of readiness. Potential savings in operating and support costs normally shall be an important secondary consideration.

2. Each training event contains information relating to the applicability of simulation. If simulator training applies to the event, then the applicable simulator(s) is/are listed in the "Simulation" section and the CRP for simulation training is given. This simulation training can either be used in place of live training, at the reduced CRP indicated; or can be used as a precursor training for the live event, i.e., weapons simulators, convoy trainers, observed fire trainers, etc. It is recommended that tasks be performed by simulation prior to being performed in a live-fire environment. However, in the case where simulation is used as a precursor for the live event, then the unit will receive credit for the live event CRP only. If a tactical situation develops that precludes performing the live event, the unit would then receive credit for the simulation CRP.

1014. MARINE CORPS GROUND T&R PROGRAM

1. The Marine Corps Ground T&R Program continues to evolve. The vision for Ground T&R Program is to publish a T&R Manual for every readiness-reporting unit so that core capability METs are clearly defined with supporting collective training standards, and to publish community-based T&R Manuals for all occupational fields whose personnel augment other units to increase their combat and/or logistic capabilities. The vision for this program includes plans to provide a Marine Corps training management information system that enables tracking of unit and individual training accomplishments by unit commanders and small unit leaders, automatically computing CRP for both units and individual Marines based upon MOS and rank (or billet). Linkage of T&R Events to the Marine Corps Task List (MCTL), through the core capability METs, has enabled objective assessment of training readiness in the DRRS.

2. DRRS measures and reports on the readiness of military forces and the supporting infrastructure to meet missions and goals assigned by the Secretary of Defense. With unit CRP based on the unit's training toward its METs, the CRP will provide a more accurate picture of a unit's readiness. This will give fidelity to future funding requests and factor into the allocation of resources. Additionally, the Ground T&R Program will help to ensure training remains focused on mission accomplishment and that training readiness reporting is tied to units' METs.

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CHAPTER 2

MISSION ESSENTIAL TASKS LIST

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LOG T&R MANUAL

CHAPTER 2

MISSION ESSENTIAL TASKS LIST

2000. LOGISTIC - MISSION ESSENTIAL TASKS (MET). The Logistics Mission Essential Tasks (MET) table lists the Standardized Core METs, derived from the Marine Corps Task List, for all Logistics units. This listing is used for readiness reporting in the Defense Readiness Reporting System (DRRS) and is reflected in the T&R METL.

LOGISTICS MISSION ESSENTIAL TASKS

MARINE CORPS TASK LIST 2.0B DRAFT	LOGISTICS CORE METL
MCT 1.1	Provide Forces
MCT 1.1.2	Provide Task Organized Forces
MCT 1.1.2.2.1	Provide Headquarters for a Logistics Combat Element
MCT 1.1.2.3	Provide HQ Personnel and Infrastructure
MCT 1.2	Move Forces
MCT 1.3.1	Conduct Maneuver
MCT 1.3.2	Conduct Amphibious Operations
MCT 1.4.1	Conduct Mobility Operations
MCT 1.5	Conduct Counter-Mobility Operations
MCT 1.6.1	Conduct Offensive Operations
MCT 1.6.4	Conduct Defensive Operations
MCT 1.6.6	Conduct MOOTW
MCT 2.1	Plan and Direct Intelligence Operations
MCT 2.2.1	Conduct Tactical Reconnaissance
MCT 2.2.2	Conduct Engineer Reconnaissance
MCT 3	Employ Firepower
MCT 3.1	Conduct Targeting
MCT 3.3.1.3	Provide Small Arms Ranges
MCT 4.1	Conduct Supply Operations
MCT 4.1.1.3	Conduct Repairable Management
MCT 4.1.1.6	Conduct Supply Chain Material Management
MCT 4.1.2	Conduct Ground Supply Operations
MCT 4.1.2.1	Determine Requirements
MCT 4.1.2.2	Conduct Procurement
MCT 4.1.2.3	Provide Storage
MCT 4.1.2.3.1	Provide Munitions Supply and Storage
MCT 4.1.2.4	Conduct Distribution Operations
MCT 4.2	Conduct Maintenance Operations
MCT 4.2.1.2	Conduct Intermediate Maintenance
MCT 4.2.2	Conduct Ground Equipment Maintenance
MCT 4.2.2.8	Conduct Recovery and Evacuation Operations
MCT 4.3	Conduct Transportation Operations
MCT 4.3.3	Conduct Motor Transportation Operations
MCT 4.3.6	Conduct Material Handling Operations
MCT 4.3.7	Conduct Landing Support Operations

MCT 4.3.9	Conduct Landing Support Operations
MCT 4.4	Conduct General Engineering Operations
MCT 4.4.1	Conduct Engineer Reconnaissance
MCT 4.4.2	Conduct Horizontal/Vertical Construction
MCT 4.4.7	Conduct Tactical Water and/or Hygiene Service
MCT 4.4.8	Conduct Tactical Bulk Fuel Storage
MCT 4.4.9	Conduct Tactical Electric Supply
MCT 4.5	Provide Health Services
MCT 4.5.3	Conduct Casualty Treatment
MCT 4.5.4	Conduct Temporary Casualty Holding
MCT 4.5.6	Conduct Mass Casualty Operations
MCT 4.5.7	Conduct and Provide Dental Services
MCT 4.5.8	Provide Medical Regulating Service
MCT 4.6	Provide Services (non-material and support activities)
MCT 4.6.1	Provide Logistics Combat Element (LCE) Support Services
MCT 4.6.2.10	Support Safety Programs
MCT 4.6.5.1	Provide PRP Collection Point Operations
MCT 4.6.4.2	Provide Search and Recovery Operations
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MCT 4.8.16	Installations Personnel Administration Center (IPAC) Operations
MCT 4.8.17	Provide Headquarters Support, Administrative and Maintenance Facilities for Operating Forces
MCT 4.9	Provide Base and Station Facilities and related infrastructure
MCT 4.11	Plan and Direct Logistics Operations
MCT 5	Exercise Command and Control
MCT 5.1.1	Provide and Maintain Communications
MCT 5.3.2	Establish Means to Command and Control
MCT 5.3.2.8	Establish/Conduct Tactical Logistics Operations Center (TLOC) Operations
MCT 6.1	Provide Security
MCT 6.1.1	Conduct Active Security
MCT 6.1.1.4	Conduct Security Operations in Support of Maneuver
MCT 6.1.4	Conduct Survivability Operations
MCT 6.1.1.10	Conduct Military Police Operations
MCT 6.3.4	Remove/Dispose of Unexploded Ordnance

2001. LOGISTIC UNITS - MISSION ESSENTIAL TASKS LIST (METL). The table listed below provides a breakout of reporting Logistic units and their METL listings.

Combat Engineer Battalion	
MCT 1.1	Provide Forces
MCT 1.4.1	Conduct Mobility Operations
MCT 1.5	Conduct Counter-Mobility Operations
MCT 4.4.1	Conduct Engineer Reconnaissance
MCT 4.4.9	Conduct Tactical Electrical Supply
MCT 6.1.4	Conduct Survivability Operations

CLB (DS)	
MCT 4.3.3	Conduct Motor Transportation Operations
MCT 4.3.6	Conduct Material Handling Operations
MCT 4.3.7	Conduct Landing Support Operations
MCT 5.3.2.8	Establish/Conduct Tactical Logistics Operations Center (TLOC) Operations
CLB (MEU)	
MCT 4.1.2	Conduct Ground Supply Operations
MCT 4.2.2	Conduct Ground Equipment Maintenance
MCT 4.3.3	Conduct Motor Transport Operations
MCT 4.4	Conduct General Engineering Operations
MCT 4.5	Provide Health Services
MCT 4.6.1	Provide Logistics Combat Element (LCE) Support Services
MCT 6.1.1.10	Conduct Military Police Operations
CLC	
MCT 4.1.1.3	Conduct Repairable Management
MCT 4.2.1.2	Conduct Intermediate Maintenance
CLB (DS)	
MCT 4.3.3	Conduct Motor Transportation Operations
MCT 4.3.6	Conduct Material Handling Operations
MCT 5.3.2.8	Establish/Conduct Tactical Logistics Operations Center (TLOC) Operations
MLG	
MCT 1.1.2	Provide Task Organized Forces
MCT 1.1.2.2.1	Provide Headquarters for a Logistics Combat Element
MCT 4.1	Conduct Supply Operations
MCT 4.2	Conduct Maintenance Operations
MCT 4.3	Conduct Transportation Operations
MCT 4.4	Conduct General Engineering Operations
MCT 4.5	Provide Health Services
MCT 4.6	Provide Services (non-material and support activities)
CLR (DS)	
MCT 1.1	Provide Forces
MCT 1.1.2.2.1	Provide Headquarters for a Logistics Combat Element
MCT 4.3.3	Conduct Motor Transportation Operations (GS to MEF Maneuver Element)
MCT 4.3.6	Conduct Material Handling Operations (GS to MEF Maneuver Element)
MCT 5.3.2.8	Establish/Conduct Tactical Logistics Operations Center (TLOC) Operations
CLR (Fwd)	
MCT 1.1.2	Provide Task Organized Forces
MCT 1.1.2.2.1	Provide Headquarters for a Logistics Combat Element (LCE)
MCT 4.3.9	Conduct Landing Support Operations
MCT 4.6.1	Provide Combat Service Support Services
MCT 5.1.1	Provide and Maintain Communications
MCT 6.1.1.10	Conduct Military Police Operations

CLR (GS)	
MCT 1.1.2	Provide Task Organized Forces
MCT 1.1.2.2.1	Provide Headquarters for a Logistics Combat Element
MCT 4.1	Conduct Supply Operations
MCT 4.2	Conduct Maintenance Operations
MCT 4.5	Conduct Health Services Support
Combat Assault Battalion	
MCT 1.1.2	Provide Task-Organized Forces
MCT 1.3.2	Conduct Amphibious Operations
MCT 1.4.1	Conduct Mobility Operations
MCT 1.5	Conduct Counter-Mobility Operations
MCT 1.6.1	Conduct Offensive Operations
MCT 1.6.4	Conduct Defensive Operations
MCT 2.2.1	Conduct Tactical Reconnaissance
MCT 4.4.1	Conduct Engineer Reconnaissance
MCT 4.4.9	Conduct Tactical Electrical Supply
MCT 5.3.2	Establish Means to Command and Control
MCT 6.1.1.4	Conduct Security Operations in Support of Maneuver
MCT 6.1.4	Conduct Survivability Operations
Dental Battalion	
MCT 1.1.2	Provide Task-Organized Forces
MCT 4.5.7	Conduct and Provide Dental Services
Engineer Support Battalion	
MCT 1.1.2	Provide Task-Organized Forces
MCT 1.4.1	Conduct Mobility Operations
MCT 4.4	Conduct General Engineering Operations
MCT 4.4.7	Conduct Tactical Water and/or Hygiene Service
MCT 4.4.8	Conduct Tactical Bulk Fuel Storage
MCT 4.4.9	Conduct Tactical Electrical Supply
MCT 6.1.4	Conduct Survivability Operations
MCT 6.3.4	Remove/Dispose of Unexploded Ordnance
Maintenance Battalion	
MCT 1.1.2	Provide Task-Organized Forces
MCT 1.1.2.2	Provide Headquarters for Logistics Units
MCT 4.1.1.3	Conduct Repairables Management
MCT 4.2.1.2	Conduct Intermediate Maintenance
MCT 4.2.2.8	Conduct Recovery and Evacuation Operations
Medical Battalion	
MCT 1.1.2	Provide Task-Organized Forces
MCT 4.5.3	Conduct Casualty Treatment
MCT 4.5.4	Conduct Temporary Casualty Holding
MCT 4.5.5	Conduct Casualty Evacuation
MCT 4.5.6	Conduct Mass Casualty Operations
MCT 4.5.8	Provide Medical Regulating Service
MEF	
MCT 1.2	Move Forces
MCT 1.3.1	Conduct Maneuver
MCT 1.3.2	Conduct Amphibious Operations
MCT 1.6.6	Conduct MOOTW
MCT 2.1	Plan and Direct Intelligence Operations

MCT 3	Employ Firepower
MCT 3.1	Conduct Targeting
MCT 4.11	Plan and Direct Logistics Operations
MCT 5	Exercise Command and Control
PRP	
MCT 1.1	Provide Forces
MCT 4.6.5.1	Provide PRP Collection Point Operations
MCT 4.6.4.2	Provide Search and Recovery Operations
MCT 4.6.5.3	Provide Interment/Disinterment Operations
MCT 4.6.5.4	Provide Fatality/Mass Casualty Operations
MCT 4.6.5.5	Provide Logistical Support for PRP Operations
Supply Battalion	
MCT 1.1.2	Provide Task-Organized Forces
MCT 1.1.2.2.1	Provide Headquarters for a Logistics Combat Element
MCT 4.1.1.6	Conduct Supply Chain Material Management
MCT 4.1.2.1	Determine Requirements
MCT 4.1.2.2	Conduct Procurement
MCT 4.1.2.3	Provide Storage
MCT 4.1.2.3.1	Provide Munitions Supply and Storage
MCT 4.1.2.4	Conduct Distribution Operations
HQBN	
MCT 1.1.2.3	Provide HQ Personnel and Infrastructure
MCT 4.3.3	Conduct MT Ops
MCT 6.1.1	Conduct Active Security
MCT 6.1.1.10	Conduct Military Police Ops
MCLB Albany	
MCT 3.3.1.3	Provide Small Arms Ranges
MCT 4.1	Conduct Supply Operations
MCT 4.6	Provide Services (Nonmaterial and Support Activities)
MCT 4.6.2.10	Support Safety Programs
MCT 4.8.16	Installations Personnel Administration Center (IPAC) Operations
MCT 4.8.17	Provide Headquarters Support, Administrative and Maintenance Facilities for Operating Forces
MCT 4.9	Provide Base and Station Facilities and related infrastructure
MCT 5.1.1	Provide and Maintain Communications
MCT 6.1	Provide Security

2002. LOGISTICS UNITS - MISSION ESSENTIAL TASKS MATRIX. The Logistics T&R Mission Essential Task List (METL) reflects the tasks in the Logistics units' Core METL. The Logistics Units METL Table includes the designated MET number. The following event codes are the linked evaluation coded (E-Coded) events that support the MET.

MET#/MISSION ESSENTIAL TASK

MET 1 Provide Forces	
LOG-PLAN-8004	Conduct force deployment planning and execution (FDP&E)

MET 2 Provide Task Organized Forces	
LOG-ENG-8001	Provide general engineering support
LOG-HSS-8002	Conduct health services support operations
LOG-MAIN-8003	Conduct maintenance operations
LOG-SUP-8006	Conduct supply operations
LOG-SVC-8007	Conduct services operations
LOG-TRAN-8008	Conduct transportation operations
LOG-ENG-7001	Conduct general engineering operations
LOG-HSS-7002	Conduct health services support operations
LOG-LS-7003	Conduct landing support operations
LOG-MAIN-7004	Conduct maintenance operations
LOG-SUP-7005	Conduct supply operations
LOG-SVC-7006	Conduct services operations
LOG-TRAN-7007	Conduct transportation operations
MET 3 Provide Headquarters for a Logistics Combat Element	
LOG-PLAN-8004	Conduct force deployment planning and execution (FDP&E)
MET 4 Provide HQ Personnel and Infrastructure	
LOG-PLAN-8004	Conduct force deployment planning and execution (FDP&E)
MET 5 Move Forces	
LOG-PLAN-8004	Conduct force deployment planning and execution (FDP&E)
MET 6 Conduct Maneuver	
MET 7 Conduct Amphibious Operations	
LOG-LS-7003	Conduct landing support operations
LOG-LS-6003	Conduct landing support operations
LOG-OPS-5004	Conduct beach operations
LOG-OPS-5005	Conduct landing force support party (LFSP) operations
MET 8 Conduct Mobility Operations	
MET 9 Conduct Counter-Mobility Operations	
MET 10 Conduct Offensive Operations	
MET 11 Conduct Defensive Operations	
MET 12 Conduct MOOTW	
MET 13 Plan and Direct Intelligence Operations	
LOG-PLAN-8005	Conduct planning
MET 14 Conduct Tactical Reconnaissance	
MET 15 Conduct Engineer Reconnaissance	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 16 Employ Firepower	

MET 17 Conduct Targeting	
MET 18 Provide Small Arms Ranges	
MET 19 Conduct Supply Operations	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 20 Conduct Repairable Management	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 21 Conduct Supply Chain Material Management	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 22 Conduct Ground Supply Operations	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 23 Determine Requirements	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 24 Conduct Procurement	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 25 Provide Storage	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 26 Provide Munitions Supply and Storage	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 27 Conduct Distribution Operations	
LOG-SUP-8006	Conduct supply operations
LOG-SUP-7005	Conduct supply operations
LOG-CLC-6001	Provide logistics support to ACE
MET 28 Conduct Maintenance Operations	
LOG-MAIN-8003	Conduct maintenance operations
LOG-MAIN-7004	Conduct maintenance operations
LOG-CLC-6001	Provide logistics support to ACE
LOG-GSM-6002	Provide general support field level maintenance support
LOG-SPT-6005	Provide field level maintenance support
LOG-OPS-4003	Establish a maintenance management program
LOG-OPS-3002	Monitor equipment condition readiness reporting requirements
LOG-OPS-3005	Plan maintenance operations

MET 29 Conduct Intermediate Maintenance	
LOG-MAIN-8003	Conduct maintenance operations
LOG-MAIN-7004	Conduct maintenance operations
LOG-GSM-6002	Provide general support field level maintenance support
LOG-SPT-6005	Provide field level maintenance support
LOG-OPS-4003	Establish a maintenance management program
LOG-OPS-3005	Plan maintenance operations
MET 30 Conduct Ground Equipment Maintenance	
LOG-MAIN-8003	Conduct maintenance operations
LOG-MAIN-7004	Conduct maintenance operations
LOG-CLC-6001	Provide logistics support to ACE
LOG-GSM-6002	Provide general support field level maintenance support
LOG-SPT-6005	Provide field level maintenance support
LOG-OPS-4003	Establish a maintenance management program
LOG-OPS-3002	Monitor equipment condition readiness reporting requirements
LOG-OPS-3005	Plan maintenance operations
MET 31 Conduct Recovery and Evacuation Operations	
LOG-MAIN-8003	Conduct maintenance operations
LOG-MAIN-7004	Conduct maintenance operations
LOG-CLC-6001	Provide logistics support to ACE
LOG-GSM-6002	Provide general support field level maintenance support
LOG-SPT-6005	Provide field level maintenance support
LOG-OPS-4003	Establish a maintenance management program
LOG-OPS-3002	Monitor equipment condition readiness reporting requirements
LOG-OPS-3005	Plan maintenance operations
MET 32 Conduct Transportation Operations	
LOG-TRAN-8008	Conduct transportation operations
LOG-LS-7003	Conduct landing support operations
LOG-TRAN-7007	Conduct transportation operations
LOG-LS-6003	Conduct landing support operations
LOG-OPS-6004	Conduct convoy operations
LOG-OPS-5002	Conduct convoy operations
LOG-OPS-5003	Conduct arrival/departure airfield control group (A/DACG) operations
LOG-OPS-5004	Conduct beach operations
LOG-OPS-5005	Conduct landing force support party (LFSP) operations
LOG-OPS-5006	Conduct port operations
LOG-OPS-5007	Conduct rail operations
LOG-OPS-4001	Conduct convoy operations
LOG-OPS-3001	Conduct helicopter support team (HST) operations
LOG-OPS-3003	Perform air liaison element (ALE) functions
LOG-OPS-3004	Perform surface liaison element (SLE) functions
MET 33 Conduct Motor Transportation Operations	
LOG-TRAN-8008	Conduct transportation operations
LOG-TRAN-7007	Conduct transportation operations
LOG-OPS-6004	Conduct convoy operations
LOG-OPS-5002	Conduct convoy operations
LOG-OPS-4001	Conduct convoy operations
MET 34 Conduct Material Handling Operations	
LOG-TRAN-8008	Conduct transportation operations
LOG-TRAN-7007	Conduct transportation operations

MET 35 Conduct Landing Support Operations	
LOG-TRAN-8008	Conduct transportation operations
LOG-LS-7003	Conduct landing support operations
LOG-TRAN-7007	Conduct transportation operations
LOG-LS-6003	Conduct landing support operations
LOG-OPS-5004	Conduct beach operations
LOG-OPS-5005	Conduct landing force support party (LFSP) operations
MET 36 Conduct Landing Support Operations	
LOG-TRAN-8008	Conduct transportation operations
LOG-LS-7003	Conduct landing support operations
LOG-TRAN-7007	Conduct transportation operations
LOG-LS-6003	Conduct landing support operations
LOG-OPS-5004	Conduct beach operations
LOG-OPS-5005	Conduct landing force support party (LFSP) operations
MET 37 Conduct General Engineering Operations	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 38 Conduct Engineer Reconnaissance	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 39 Conduct Horizontal/Vertical Construction	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 40 Conduct Tactical Water and/or Hygiene Service	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 41 Conduct Tactical Bulk Fuel Storage	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 42 Conduct Tactical Electric Supply	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations
MET 43 Provide Health Services	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations
MET 44 Conduct Casualty Treatment	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations
MET 45 Conduct Temporary Casualty Holding	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations
MET 46 Conduct Mass Casualty Operations	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations
MET 47 Conduct and Provide Dental Services	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations
MET 48 Provide Medical Regulating Service	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations

MET 49 Provide Services (non-material and support activities)	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 50 Provide Logistics Combat Element (LCE) Support Services	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
LOG-SVC-6006	Provide services support
MET 51 Support Safety Programs	
MET 52 Provide PRP Collection Point Operations	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 53 Provide Search and Recovery Operations	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 54 Provide Interment/Disinterment Operations	
MET 55 Provide Fatality/Mass Casualty Operations	
LOG-HSS-8002	Conduct health services support operations
LOG-HSS-7002	Conduct health services support operations
MET 56 Provide Logistical Support for PRP Operations	
LOG-SVC-8007	Conduct services operations
MET 57 Installations Personnel Administration Center (IPAC) Operations	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 58 Provide Headquarters Support, Administrative and Maintenance Facilities for Operating Forces	
LOG-MAIN-8003	Conduct maintenance operations
LOG-SVC-8007	Conduct services operations
LOG-MAIN-7004	Conduct maintenance operations
LOG-SVC-7006	Conduct services operations
MET 59 Provide Base and Station Facilities and related infrastructure	
MET 60 Plan and Direct Logistics Operations	
INF-C2-8XXX	Conduct COC Operations
LOG-PLAN-8005	Conduct planning
INF-C2-7XXX	Conduct COC Operations
LOG-OPS-4002	Coordinate logistics support
MET 61 Exercise Command and Control	
C2OP-OPS-8001	Communicate with Commander throughout the orders process
C2OP-OPS-8003	Employ command and control systems
C2OP-OPS-8004	Execute command and control of an operation
INF-C2-8XXX	Conduct COC Operations
C2OP-OPS-7001	Communicate with Commander throughout the orders process
C2OP-OPS-7003	Employ command and control systems
C2OP-OPS-7004	Execute command and control of an operation
INF-C2-7XXX	Conduct COC Operations
LOG-OPS-4002	Coordinate logistics support
MET 62 Provide and Maintain Communications	
C2OP-PLAN-8007	Establish C2 Systems Integration Plan
C2OP-PLAN-7007	Establish C2 Systems Integration Plan

MET 63 Establish Means to Command and Control	
C2OP-OPS-8001	Communicate with Commander throughout the orders process
C2OP-OPS-8003	Employ command and control systems
C2OP-OPS-8004	Execute command and control of an operation
INF-C2-8XXX	Conduct COC Operations
C2OP-OPS-7001	Communicate with Commander throughout the orders process
C2OP-OPS-7003	Employ command and control systems
C2OP-OPS-7004	Execute command and control of an operation
INF-C2-7XXX	Conduct COC Operations
MET 64 Establish/Conduct Tactical Logistics Operations Center (TLOC) Operations	
C2OP-OPS-8001	Communicate with Commander throughout the orders process
C2OP-OPS-8003	Employ command and control systems
C2OP-OPS-8004	Execute command and control of an operation
INF-C2-8XXX	Conduct COC Operations
C2OP-OPS-7001	Communicate with Commander throughout the orders process
C2OP-OPS-7003	Employ command and control systems
C2OP-OPS-7004	Execute command and control of an operation
INF-C2-7XXX	Conduct COC Operations
LOG-OPS-4002	Coordinate logistics support
MET 65 Provide Security	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 66 Conduct Active Security	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 67 Conduct Security Operations in Support of Maneuver	
LOG-SVC-8007	Conduct services operations
LOG-SVC-7006	Conduct services operations
MET 68 Conduct Survivability Operations	
MET 69 Conduct Military Police Operations	
MET 70 Remove/Dispose of Unexploded Ordnance	
LOG-ENG-8001	Provide general engineering support
LOG-ENG-7001	Conduct general engineering operations

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CHAPTER 3

COLLECTIVE EVENTS

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CHAPTER 3

COLLECTIVE EVENTS

3000. PURPOSE. Chapter 3 contains collective training events for the 04XX community.

3001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

- a. The first up to four characters represent the community.

LOG - Logistics

b. The second up to four characters represent the functional or duty area. This chapter contains the duty areas listed below. See Appendix A for a complete list of functional areas.

<u>Code</u>	<u>Description</u>	<u>Example</u>
CLC	Combat Logistics Center	LOG-CLC-XXXX
ENG	Engineers	LOG-ENG-XXXX
GSM	General Support Maintenance	LOG-GSM-XXXX
LS	Landing Support	LOG-LS-XXXX
MNT	Maintenance	LOG-MNT-XXXX
OPS	Operations	LOG-OPS-XXXX
RIG	Rigging of Airdrop Equipment	LOG-RIG-XXXX
SVC	Services	LOG-SVC-XXXX
SPT	Support	LOG-SPT-XXXX
TRAN	Transportation	LOG-TRAN-XXXX

c. The first of the last four characters represent the level (7000 or 5000) and the last three characters the sequence (7001, 5002) of the event with the hundreds column (9XX, 8XX, 7XX) identifying the unit to which an E-Coded event applies (see Sect 1005).

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3002. INDEX OF COLLECTIVE EVENTS

Event Code	E-Coded	Event	Page
8000-LEVEL			
C2OP-OPS-8001		Communicate with Commander throughout the orders process	3-5
C2OP-OPS-8003	Y	Employ command and control systems	3-6
C2OP-OPS-8004	Y	Execute command and control of an operation	3-6
C2OP-PLAN-8007	Y	Establish C2 Systems Integration Plan	3-7
INF-C2-8XXX	Y	Conduct COC Operations	3-8
LOG-ENG-8001	Y	Provide general engineering support	3-9
LOG-HSS-8002	Y	Conduct health services support operations	3-11
LOG-MAIN-8003	Y	Conduct maintenance operations	3-12
LOG-PLAN-8004	Y	Conduct force deployment planning and execution (FDP&E)	3-14
LOG-PLAN-8005		Conduct planning	3-15
LOG-SUP-8006	Y	Conduct supply operations	3-16
LOG-SVC-8007	Y	Conduct services operations	3-17
LOG-TRAN-8008	Y	Conduct transportation operations	3-19
7000-LEVEL			
C2OP-OPS-7001	Y	Communicate with Commander throughout the orders process	3-22
C2OP-OPS-7003	Y	Employ command and control systems	3-23
C2OP-OPS-7004	Y	Execute command and control of an operation	3-23
C2OP-PLAN-7007	Y	Establish C2 Systems Integration Plan	3-24
INF-C2-7XXX	Y	Conduct COC Operations	3-25
LOG-ENG-7001	Y	Conduct general engineering operations	3-26
LOG-HSS-7002	Y	Conduct health services support operations	3-28
LOG-LS-7003	Y	Conduct landing support operations	3-29
LOG-MAIN-7004	Y	Conduct maintenance operations	3-30
LOG-SUP-7005	Y	Conduct supply operations	3-32
LOG-SVC-7006	Y	Conduct services operations	3-33
LOG-TRAN-7007	Y	Conduct transportation operations	3-35
6000-LEVEL			
LOG-CLC-6001	Y	Provide logistics support to a MAGTF element	3-38
LOG-GSM-6002	Y	Conduct general support maintenance operations	3-39
LOG-LS-6003	Y	Conduct landing support operations	3-40
LOG-OPS-6004	Y	Conduct convoy operations	3-41
LOG-SPT-6005	Y	Provide field level maintenance support for ground equipment	3-42
LOG-SVC-6006	Y	Provide services support	3-42

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5000-LEVEL			
LOG-MAIN-5601		Provide field level maintenance support for ground equipment	3-44
LOG-OPS-5001		Plan logistics support	3-44
LOG-OPS-5002	Y	Conduct convoy operations	3-45
LOG-OPS-5003	Y	Conduct arrival/departure airfield control group (A/DACG) operations	3-46
LOG-OPS-5004	Y	Conduct beach operations	3-46
LOG-OPS-5005	Y	Conduct landing force support party (LFSP) operations	3-47
LOG-OPS-5006	Y	Conduct port operations	3-48
LOG-OPS-5007	Y	Conduct rail operations	3-49
4000-LEVEL			
LOG-OPS-4001	Y	Conduct convoy operations	3-50
LOG-OPS-4002	Y	Coordinate logistics support	3-51
LOG-OPS-4003	Y	Establish a maintenance management program	3-52
3000-LEVEL			
LOG-OPS-3001	Y	Conduct helicopter support team (HST) operations	3-53
LOG-OPS-3002	Y	Monitor equipment condition readiness reporting requirements	3-53
LOG-OPS-3003	Y	Perform air liaison element (ALE) functions	3-55
LOG-OPS-3004	Y	Perform surface liaison element (SLE) functions	3-56
LOG-OPS-3005	Y	Plan maintenance operations	3-57
LOG-OPS-3706		Conduct beach operations	3-58
LOG-OPS-3707		Conduct sea/port operations	3-58

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3003. 8000-LEVEL EVENTS**C2OP-OPS-8001:** Communicate with Commander throughout the orders process.**SUPPORTED MET(S):** 1, 2, 3, 4, 5, 6, 7, 8**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** Units must be able to effectively communicate with the commander throughout the entire orders process.**CONDITION:** Given an operations order, operational COC and battle staff, functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.**STANDARD:** In accordance with the references and so that timely and accurate information is provided in order to support unit's mission.**EVENT COMPONENTS:**

1. Establish situational awareness.
2. Establish information displays.
3. Manage operational reports in the form of CCIRs and PIRs from/for Higher, Adjacent and Supporting (HAS) commands.
4. Translate (analyze, fuse) information into useable form for commander and staff.
5. Maintain information displays that are used by commander and staff.
6. Present briefs to the commander and staff.
7. Disseminate information to HAS units.
8. Disseminate operation reports in accordance with Annex Q, HAS.
9. Establish connectivity with commander.
10. Establish means to send data.
11. Maintain situational awareness.

CHAINED EVENTS:

C2OP-COC-2205	C2OP-COC-2210	C2OP-COC-2208
C2OP-COC-2207	C2OP-IO-2003	C2OP-COC-2209
C2OP-COC-2204	C2OP-COC-2201	C2OP-IO-2002
C2OP-COC-2206		

RELATED EVENTS:

C2OP-OPS-8005	C2OP-OPS-7001	C2OP-OPS-8004
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REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
 2. MCC2TEC Marine Corps Command and Control Training and Education Continuum
 3. MCO 3500.26A Universal Naval Task List (UNTL) Version 3.0 (Jan 07)
 4. MCO 3500.27_ Operational Risk Management (ORM)
 5. MCWP 1-0 Marine Corps Operations
 6. MCWP 2-1 Intelligence Operations
 7. MCWP 3-1 Ground Combat Operations
 8. MCWP 4_1 Logistics Operations
 9. MCWP 5-1 Marine Corps Planning Process (MCP)
 10. MCWP 6-2 MAGTF Command and Control Operations
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C2OP-OPS-8003: Employ command and control systems

SUPPORTED MET(S): 2, 3, 4, 5

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: Units must be able to employ all current C2 systems to support the commander and the units overall mission. When used effectively, C2 systems enhance the unit's ability to execute C2 and providing the commander and staff with the correct situational awareness.

CONDITION: Given an operations order, operational COC and battle staff, functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.

STANDARD: So that all C2 systems and components within the COC provide timely and accurate information in order to support unit's mission.

EVENT COMPONENTS:

1. Plan C2 systems architecture per annex.
2. Implement C2 systems architecture per annex.
3. Conduct command and control using unit T/E C2 systems and collaborative tools.
4. Design C2 systems architecture per annex.
5. Engineer C2 systems architecture per annex.

CHAINED EVENTS:

C2OP-COC-2210	C2OP-COC-2203	C2OP-COC-2202
C2OP-COC-2201	C2OP-COC-2211	C2OP-COC-2205
C2OP-COC-2209	C2OP-COC-2208	C2OP-COC-2207
C2OP-COC-2206	C2OP-COC-2204	

RELATED EVENTS:

C2OP-OPS-7003	C2OP-OPS-8004	C2OP-OPS-8005
C2OP-OPS-8006		

REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCC2TEC Marine Corps Command and Control Training and Education Continuum
3. MCO 3500.26A Universal Naval Task List (UNTL) Version 3.0 (Jan 07)
4. MCO 3500.27_ Operational Risk Management (ORM)
5. MCWP 1-0 Marine Corps Operations
6. MCWP 2-1 Intelligence Operations
7. MCWP 3-1 Ground Combat Operations
8. MCWP 4_1 Logistics Operations
9. MCWP 5-1 Marine Corps Planning Process (MCP)
10. MCWP 6-2 MAGTF Command and Control Operations

C2OP-OPS-8004: Execute command and control of an operation

SUPPORTED MET(S): 6, 7, 8

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

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DESCRIPTION: The proper execution of C2 during all phases of an operation is imperative to the overall success of the mission of the unit.

CONDITION: Given an operations order, operational COC and battle staff, functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.

STANDARD: In accordance with the references and in order to support mission requirements of the unit.

EVENT COMPONENTS:

1. Determine operational readiness.
2. Disseminate Orders.
3. Exercise control of tactical assets.
4. Coordinate maneuver control in AO.
5. Disseminate change to maneuver control and coordination plan.
6. Direct movement.

CHAINED EVENTS:

C2OP-OPER-1002	C2OP-IO-2003	C2OP-COC-2201
C2OP-OPER-1001		

RELATED EVENTS:

C2OP-OPS-8001	C2OP-OPS-7004	C2OP-OPS-7002
C2OP-OPS-8005	C2OP-OPS-8003	C2OP-OPS-8006

REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCWP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations
4. MCWP 3-1 Ground Combat Operations
5. MCWP 3-2 Aviation Operations
6. MCWP 4_1 Logistics Operations
7. MCWP 5-1 Marine Corps Planning Process (MCPPE)
8. MCWP 6-2 MAGTF Command and Control Operations

C2OP-PLAN-8007: Establish C2 Systems Integration Plan

SUPPORTED MET(S): 1, 2, 3, 4, 5, 6, 7, 8

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 1 month

DESCRIPTION: The proper integration of all C2 systems and collaborative tools in the COC is important to the timely decision making abilities of the commander and his staff.

CONDITION: Given an operations order with an Intel systems tab, Maneuver Systems tab, Aviation C2 Systems tab, Fires Systems tab, Logistics Systems tab, Collaborative Systems tab, Annex K, Annex U, and functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.

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STANDARD: In accordance with the references and so that C2 systems support unit's information management plan and unit mission.

EVENT COMPONENTS:

1. Produce Annex C, tab X - C2 Systems/Collaborative Tools plan, which dictates the integration of C2 systems/collaborative tools.
2. Execute the C2 Systems Integration Plan

CHAINED EVENTS:

C2OP-PLAN-7007	C2OP-OPS-2101	C2OP-OPER-1002
C2OP-IO-2001	C2OP-IO-2002	C2OP-IO-2003
C2OP-OPER-1001		

RELATED EVENTS:

C2OP-OPS-8005	C2OP-OPS-8006
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REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCWP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations
4. MCWP 3-1 Ground Combat Operations
5. MCWP 4_1 Logistics Operations
6. MCWP 5-1 Marine Corps Planning Process (MCPP)
7. MCWP 6-2 MAGTF Command and Control Operations

INF-C2-8XXX: Conduct COC Operations

SUPPORTED MET(S): None

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 6 months

CONDITION: Given a CAPSET III, operating in a MAGTF, Joint, Combined, and/or Inter agency environment, a higher headquarters operations order, commander's guidance, and references.

STANDARD: IOT accomplish commander's intent through coordinated actions of higher, adjacent, supporting, subordinate, and enabling organizations/units.

EVENT COMPONENTS:

1. Provide input to the Information Management Plan in support of COC operations.
2. Organize the staff sections for continuous COC operations
3. Determine necessary C2 system and applications and TTPs necessary to support proper information flow to maintain situational awareness and support relevant decision making.
4. Establish a COC Watch Plan (internal Battle Rhythm)
5. Establish and maintain a Common Tactical Picture via graphics, reports, etc. CTP should display information necessary to synchronize the COC watch standers and support rapid information exchange with the rest of the staff.
6. Maintain communications with Higher, Adjacent, Supporting, Subordinate and other relevant organizations

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7. Verify communications methods support feedback to leaders and allow commands to be disseminated as necessary
 8. Receive and send reports as necessary to maintain situational awareness and disseminate decisions.
 9. Identify and track units, actions, intentions, and decision points to ensure relevant and timely decisions are made to support the unit's objectives
 10. Monitor higher, adjacent, supporting, and subordinate, and other units to ensure actions nest and support unit and HHQ objectives.
 11. Coordinate with the staff (both inside and outside of the COC) to ensure actions meet priorities, execution is in line with commander's intent, and to reduce friction in coordination between the unit and other organizations
 12. Coordinate among all necessary functions (fires, aviation, intel, logistics, CMO, IO, etc)
 13. Ensure subordinate and supporting elements adjust to the situation and maintain focus on objectives. Provide guidance and orders as necessary.
 14. Ensure Higher, Adjacent, subordinate and supporting units have sufficient situational awareness to achieve unity of effort. Provide information and guidance as necessary.
 15. Continually assess the situation to ensure actions will accomplish objectives.
 16. Prepare for follow on operations as appropriate (branches, sequels, etc)
 17. Determine necessary functions that must be coordinated (Fires, CMO, Intel, etc)
 18. Determine necessary information flow to support decision making in the functions identified (reports, unit tracking, etc)
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LOG-ENG-8001: Provide general engineering support

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This task is designed for a combat logistics regiment serving as a MAGTF LCE. However, many event components may be applicable to all regimental level organizations (Infantry Regiment, MWSG, MACG).

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure general engineering support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Plan tactical water operations.
2. Plan hygiene service operations.
3. Plan tactical bulk fuel operations.
4. Plan for survivability operations.
5. Plan to support mobility operations.
6. Plan to support counter-mobility operations.
7. Assign tasks to subordinate general engineering support elements.

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8. Communicate to higher headquarters general engineering equipment and manpower shortfalls.
9. Synchronize internal and external general engineering staff actions.
10. Coordinate Joint, Interagency, Multi-national, and Host Nation (HN) General engineering support with higher headquarters.
11. Coordinate emplacement of task organized personnel and equipment at terminals, distribution points, and pre-determined locations.
12. Establish general engineering reporting procedures.
13. Establish general engineering tracking procedures.
14. Establish relationships with MAGTF Movement Control Center (MMCC).
15. Supervise engineer reconnaissance operations.
16. Supervise horizontal/vertical construction operations.
17. Supervise facilities maintenance operations.
18. Supervise demolition and obstacle removal operations.
19. Supervise explosive ordnance disposal operations.
20. Supervise bridging operations.
21. Supervise route reconnaissance/clearance operations.
22. Receive general engineering requests.
23. Validate general engineering support requirements.
24. Prioritize general engineering support requests.
25. Provide general engineering inputs to the COP.
26. Track general engineering capacity.
27. Employ general engineering AIS (save for later discussion with C2 tasks).
28. Monitor the status of current general engineering operations.
29. Analyze subordinate unit's general engineering status reports.
30. Report general engineering status.
31. Determine mission requirements.
32. Determine general engineering requirements.
33. Identify organic general engineering capabilities.
34. Identify contracted general engineering capabilities.
35. Identify Joint, Interagency, Multi-national, and Host Nation (HN) general engineering support capabilities.
36. Identify general engineering support relationships.
37. Determine general engineering equipment and manpower shortfalls.
38. Develop a general engineering plan in support of mission requirements.
39. Determine contracting general engineering requirements.
40. Validate supported unit's general engineering capabilities/responsibilities.
41. Develop priorities for general engineering requirements.
42. Integrate general engineering support with the distribution plan.
43. Integrate general engineering support with the maintenance plan.
44. Determine general engineering inputs to unit common operating picture.
45. Develop general engineering tracking procedures.
46. Develop general engineering support request procedures.
47. Develop general engineering reporting procedures.
48. Plan employment of engineer reconnaissance.
49. Plan employment of horizontal/vertical construction.
50. Plan employment of facilities maintenance.
51. Plan employment of demolition and obstacle removal.
52. Plan employment of explosive ordnance disposal.
53. Plan employment of bridging.
54. Develop power distribution plan.
55. Plan for essential base camp requirements.

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REFERENCES :

1. MCRP 4-11.1D Field Hygiene and Sanitation
 2. MCWP 3-17 Engineer Operations
 3. MCWP 4-1 Logistics Operations
 4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 4-12 Operational-Level Logistics
 6. MSTP 5-0.3 MAGTF Planner's Reference Manual
 7. MSTP PAM 4-0.2 A Logistics Planner's Guide
 8. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-HSS-8002: Conduct health services support operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This task is designed for a combat logistics regiment serving as a MAGTF LCE. However, many event components may be applicable to all regimental level organizations (Infantry Regiment, MWSG, MACG).

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure health services support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS :

1. Determine mission requirements.
2. Determine health services support requirements.
3. Determine organic health service capabilities.
4. Identify Joint, Interagency, Multi-national, and HN health services support capabilities.
5. Identify health services support relationships.
6. Determine health services support equipment/manpower shortfalls.
7. Validate supported unit's health services support responsibilities.
8. Determine health services support common operation picture (COP) inputs.
9. Develop priorities for health services support requirements.
10. Integrate health services support with the transportation support plan.
11. Develop medical evacuation procedures.
12. Develop casualty movement procedures.
13. Develop health services support tracking procedures.
14. Develop health services support request procedures.
15. Develop health services support reporting procedures.
16. Develop health services support automated information systems (AIS) employment procedures.
17. Plan for class VIII support (initial/sustainment).
18. Develop a health maintenance plan.
19. Develop a casualty collection plan.
20. Develop a casualty treatment plan.
21. Develop a temporary casualty holding plan.
22. Develop a casualty evacuation plan.
23. Determine health services support areas and facilities requirements.
24. Develop a plan for casualty overflow.

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25. Determine health services support collection points.
26. Develop a veterinary support plan.
27. Assign tasks to subordinate health services support elements.
28. Communicate to higher headquarters health services support equipment/manpower shortfalls.
29. Synchronize internal and external health services support staff actions.
30. Coordinate Joint, Interagency, Multi-national, and HN health services support.
31. Coordinate emplacement task organized health services support personnel and equipment at pre-determined locations.
32. Establish liaison with all health services support regulating agencies.
33. Establish Class VIII support (initial/sustainment).
34. Establish health services support areas/facilities requirements.
35. Establish casualty overflow procedures.
36. Task health services support requirements to subordinate organizations.
37. Supervise health maintenance operations.
38. Supervise casualty collection operations.
39. Supervise casualty treatment operations.
40. Supervise temporary casualty holding operations.
41. Supervise casualty evacuation operations.
42. Supervise mass casualty procedures.
43. Provide health services support for enemy prisoner of war (EPWs) and internally displaced persons (IDPs), as required.
44. Receive health services support requests.
45. Validate health services support requirements.
46. Prioritize health services support requests.
47. Track health services support capability availability.
48. Employ health services support AIS.
49. Execute veterinary support procedures.
50. Collect medical intelligence.
51. Monitor the status of current health services support operations.
52. Monitor health services support asset availability.
53. Analyze subordinate units health services support status reports.
54. Track patient throughput.
55. Report health services support requirements status.
56. Plan health services support for enemy prisoner of war (EPWs) and internally displaced persons (IDPs).
57. Develop mass casualty procedures.

REFERENCES :

1. MCRP 4-11.1G Patient Movement
2. MCRP 4-11.2 Patient Movement
3. MCWP 4-1 Logistics Operations
4. MCWP 4-11 Tactical-Level Logistics
5. MCWP 4-11.1 Health Service Support Operations
6. MCWP 4-12 Operational-Level Logistics
7. MSTP 5-0.3 MAGTF Planner's Reference Manual
8. MSTP PAM 4-0.2 A Logistics Planner's Guide
9. MSTP PAM 5-0.2 Operational Planning Team Guide

LOG-MAIN-8003: Conduct maintenance operations

SUPPORTED MET(S): None

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EVALUATION-CODED: NO**SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: This task is designed for a combat logistics regiment serving as a MAGTF LCE. However, many event components may be applicable to all regimental level organizations (Infantry Regiment, MWSG, MACG).

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure maintenance support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Coordinate principal end item rotation.
2. Determine mission requirements.
3. Determine organic maintenance capabilities.
4. Identify contracting support requirements.
5. Identify warranty service support requirements.
6. Identify equipment and manpower shortfalls.
7. Identify supporting/supported maintenance relationships.
8. Determine maintenance requirements.
9. Validate supported unit's maintenance capabilities.
10. Determine maintenance reporting procedures.
11. Determine technical assistance and overflow maintenance procedures.
12. Develop maintenance support request procedures.
13. Determine maintenance support team procedures.
14. Integrate maintenance management procedures.
15. Develop procedures for inspection and classification.
16. Develop procedures for service, adjustment, and tuning.
17. Develop procedures for testing and calibration.
18. Develop procedures for repair.
19. Develop procedures for modification.
20. Develop procedures for rebuilding and overhaul.
21. Develop procedures for reclamation.
22. Develop procedures for recovery and evacuation.
23. Develop procedures for reparable management.
24. Identify Joint, Interagency, Multi-national, and Host Nation (HN) maintenance support availability.
25. Integrate maintenance automated information systems (AIS).
26. Determine maintenance support areas and facilities requirements.
27. Determine maintenance collection points.
28. Assign tasks to subordinate maintenance support elements.
29. Communicate to higher headquarters maintenance equipment and manpower shortfalls.
30. Integrate maintenance support with higher, adjacent, supported, and supporting (HASS) organizations.
31. Synchronize internal and external maintenance staff actions.
32. Integrate maintenance tracking procedures with HASS organizations.
33. Coordinate Joint, Interagency, Multi-national, and HN maintenance support with higher headquarters.
34. Coordinate maintenance surge operations.
35. Coordinate emplacement of task-organized maintenance capabilities, support areas and facilities.
36. Coordinate overflow maintenance.

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37. Coordinate maintenance inputs for unit common operating picture.
38. Coordinate maintenance collection points.
39. Supervise inspection and classification.
40. Supervise service, adjustment, and tuning.
41. Supervise testing and calibration.
42. Supervise repair.
43. Supervise modification.
44. Supervise rebuilding and overhaul.
45. Supervise reclamation.
46. Supervise recovery and evacuation.
47. Supervise reparable management.
48. Track maintenance readiness.
49. Report maintenance readiness.
50. Receive maintenance support requests.
51. Validate maintenance support requirements.
52. Prioritize maintenance support requests.
53. Employ maintenance AIS.
54. Analyze maintenance readiness reports.
55. Report critical maintenance shortfalls.

REFERENCES:

1. MCO 4400.16_ Uniform Material Movement and Issue Priority System
2. MCO 7300.21A Marine Corps Financial Management Standard Operating Procedure Manual
3. MCO P4400.150_ Consumer Level Supply Policy Manual
4. MCO P4790.2_ MIMMS Field Procedures Manual
5. MCRP 4-11.4A Battle Damage Assessment and Repair
6. MCWP 4-1 Logistics Operations
7. MCWP 4-11 Tactical-Level Logistics
8. MCWP 4-11.4 Maintenance Operations
9. MCWP 4-11.7 MAGTF Supply Operations
10. MCWP 4-12 Operational-Level Logistics
11. MSTP 5-0.3 MAGTF Planner's Reference Manual
12. MSTP PAM 4-0.2 A Logistics Planner's Guide
13. MSTP PAM 5-0.2 Operational Planning Team Guide
14. UM 4400-124 SASSY Using Unit Procedures
15. UM 4400-15 Marine Corps User Manual (Organic Property Control)

LOG-PLAN-8004: Conduct force deployment planning and execution (FDP&E)

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: Effective and efficient integration of procedures, personnel, and systems improves the commanders decision making ability enhancing the speed, flexibility, and responsiveness of support to the supported units.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure that phasing of forces into theater supports the concept of operations.

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EVENT COMPONENTS:

1. Identify command and staff responsibilities throughout the FDP&E process.
2. Conduct operational planning to determine what units/enablers are required (include time, status, equipment, etc.) for mission accomplishment.
3. Identify key reference documents.
4. Determine planning factors (available POEs/PODs, transportation assets available, HHQ priorities, etc).
5. Conduct RSO&I planning.
6. Determine unit rosters and unit Equipment Density Lists (EDLs) IAW applicable guidance.
7. Prepare Time-Phased Force and Deployment Data (TPFDD) (e.g., formats, timelines, use of systems, etc.)
8. Determine lift requirements.
9. Formulate an embarkation plan.
10. Identify TPFDD requirements to higher headquarters.
11. Provide input regarding unit numbers, rosters, EDLs, lift requirements, etc. using FDPE automated information systems (AIS).
12. Disseminate a movement schedule to the appropriate units.
13. Monitor embarkation/movement to staging area.
14. Conduct embarkation inspections.
15. Monitor deployment and distribution through the use of AIS.

REFERENCES:

1. MCRP 5-12 Organization of Marine Corps Forces
2. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
3. MCWP 4-1 Logistics Operations
4. MCWP 4-11 Tactical-Level Logistics
5. MCWP 4-12 Operational-Level Logistics
6. MCWP 5-1 Marine Corps Planning Process (MCP)
7. MSTP 5-0.3 MAGTF Planner's Reference Manual
8. MSTP PAM 4-0.2 A Logistics Planner's Guide
9. MSTP PAM 5-0.2 Operational Planning Team Guide

LOG-PLAN-8005: Conduct planning**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**DESCRIPTION:** Effective and efficient integration of procedures, personnel, and systems improves the commanders decision making ability, enhancing the speed, flexibility, and responsiveness of support to the supported units.**CONDITION:** Given a requirement, personnel and equipment.**STANDARD:** To ensure the logistics support plan meets MAGTF mission objectives.**EVENT COMPONENTS:**

1. Conduct MCP.
2. Integrate six logistics functions plans into overall logistics plan.

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REFERENCES:

1. MCWP 3-17 Engineer Operations
 2. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 3. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
 4. MCWP 3-41.1 Rear Area Operations
 5. MCWP 3.21.1 Aviation Ground Support
 6. MCWP 4-1 Logistics Operations
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.1 Health Service Support Operations
 9. MCWP 4-11.3 Transportation Operations
 10. MCWP 4-11.4 Maintenance Operations
 11. MCWP 4-11.7 MAGTF Supply Operations
 12. MCWP 4-11.8 Services in an Expeditionary Environment
 13. MCWP 4-12 Operational-Level Logistics
 14. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 15. MSTP 5-0.3 MAGTF Planner's Reference Manual
 16. MSTP PAM 4-0.2 A Logistics Planner's Guide
 17. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-SUP-8006: Conduct supply operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This task is designed for a combat logistics regiment serving as a MAGTF LCE. However, many event components may be applicable to all regimental level organizations (Infantry Regiment, MWSG, MACG).

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure supply support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Identify Joint, Interagency, Multi-national services and Host Nation Support (HNS) supply supportability.
2. Identify equipment/manpower shortfalls.
3. Identify supporting/supported supply relationships.
4. Identify contracting requirements.
5. Validate supported unit capabilities and responsibilities.
6. Determine supply and resupply requirements.
7. Identify shortfalls of all classes of supply.
8. Develop fiscal oversight processes.
9. Develop a determination of requirements plan.
10. Develop a procurement plan.
11. Develop a storage plan.
12. Develop a distribution plan.
13. Develop a salvage plan.
14. Develop a disposal plan.
15. Determine supply tracking procedures.
16. Determine supply support request procedures.

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17. Determine supply reporting procedures.
18. Integrate supply automated information systems (AIS) employment.
19. Coordinate tasks with subordinate supply support elements.
20. Communicate to higher headquarters equipment/manpower shortfalls.
21. Integrate supply support with higher, adjacent, supported, and supporting (HASS) organizations.
22. Synchronize internal and external supply staff actions.
23. Coordinate stockage level objectives for all classes of supply.
24. Communicate contracting requirements.
25. Determine mission requirements.
26. Identify organic supply capabilities.
27. Coordinate emplacement of task-organized personnel and equipment at supply and distribution points.
28. Establish reporting requirements procedures.
29. Provide inputs to the units common operating picture.
30. Submit Joint, Interagency, Multi-national, and HNS requirements to higher headquarters.
31. Supervise determination of requirements operations.
32. Supervise procurement operations.
33. Supervise storage operations.
34. Supervise distribution operations.
35. Supervise salvage operations.
36. Supervise disposal operations.
37. Track stockage resupply levels.
38. Receive support requests.
39. Validate supply support requirements.
40. Prioritize supply support requests.
41. Provide fiscal oversight.
42. Employ supply AIS.
43. Analyze supply status reports.
44. Monitor the Logistics Status Report.
45. Report critical supply materiel shortfalls.
46. Provide Logistics Status Report.
47. Perform equipment accountability procedures.

REFERENCES :

1. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 2. MCO P4400.150_ Consumer Level Supply Policy Manual
 3. MCO P4790.2_ MIMMS Field Procedures Manual
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.7 MAGTF Supply Operations
 7. MSTP 5-0.3 MAGTF Planner's Reference Manual
 8. MSTP PAM 4-0.2 A Logistics Planner's Guide
 9. MSTP PAM 5-0.2 Operational Planning Team Guide
 10. UM 4400-124 SASSY Using Unit Procedures
 11. UM 4400-15 Marine Corps User Manual (Organic Property Control)
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LOG-SVC-8007: Conduct services operations**SUPPORTED MET(S):** None

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EVALUATION-CODED: NO**SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: This task is designed for a combat logistics regiment serving as a MAGTF LCE. However, many event components may be applicable to all regimental level organizations (Infantry Regiment, MWSG, MACG).

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure services support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Determine mission requirements.
2. Identify organic services capabilities.
3. Identify Joint, Interagency, Multi-national, and Host Nation Support (HNS) services supportability.
4. Identify equipment/manpower shortfalls.
5. Identify supporting/supported services relationships.
6. Validate supported unit capabilities and responsibilities.
7. Determine contracted services requirements.
8. Determine services requirements.
9. Develop a messing plan.
10. Develop a disbursing plan.
11. Develop a postal services plan.
12. Develop an exchange services plan.
13. Develop a security support plan.
14. Develop a legal services support plan.
15. Develop a personnel recovery plan.
16. Determine services tracking procedures.
17. Determine services support request procedures.
18. Determine services reporting procedures.
19. Integrate services automated information systems (AIS) employment.
20. Coordinate tasks with subordinate services support elements.
21. Communicate to higher headquarters equipment/manpower shortfalls.
22. Integrate services support with higher, adjacent, supported, and supporting (HASS) organizations.
23. Emplace task-organized personnel and equipment at services points.
24. Synchronize internal and external services staff actions.
25. Coordinate emplacement of services points.
26. Coordinate with higher headquarters for Joint, Interagency, Multi-national, and Host Nation Support.
27. Communicate contracting requirements.
28. Provide inputs to the units common operating picture.
29. Establish tracking procedures.
30. Establish reporting procedures.
31. Supervise messing operations.
32. Supervise disbursing operations.
33. Supervise postal services operations.
34. Supervise exchange services operations.
35. Supervise security support operations.
36. Supervise legal services support operations.
37. Supervise personnel recovery operations.
38. Receive support requests.

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39. Validate services support requirements.
40. Prioritize services support requests.
41. Employ services AIS.
42. Analyze services status reports.
43. Monitor the Logistics Status Report.
44. Provide Logistics Status Report.

REFERENCES:

1. MCRP 3-33.1A Civil Affairs Operations
 2. MCRP 3-41.1A MAGTF Rear Area Security
 3. MCRP 4-11-8A Marine Corps Field Feeding Program
 4. MCWP 3-41.1 Rear Area Operations
 5. MCWP 4-1 Logistics Operations
 6. MCWP 4-11 Tactical-Level Logistics
 7. MCWP 4-11.8 Services in an Expeditionary Environment
 8. MCWP 4-12 Operational-Level Logistics
 9. MCWP 6-12 Religious Ministry Support in the Marine Corps
 10. MSTP 5-0.3 MAGTF Planner's Reference Manual
 11. MSTP PAM 4-0.2 A Logistics Planner's Guide
 12. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-TRAN-8008: Conduct transportation operations**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**DESCRIPTION:** This task is designed for a combat logistics regiment serving as a MAGTF LCE. However, many event components may be applicable to all regimental level organizations (Infantry Regiment, MWSG, MACG).**CONDITION:** Given a requirement, personnel and equipment.**STANDARD:** To ensure transportation support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.**EVENT COMPONENTS:**

1. Determine transportation common operation picture (COP) inputs.
2. Develop priorities for transportation requirements.
3. Integrate transportation support with the distribution plan.
4. Ensure transportation tracking procedures.
5. Determine transportation support request procedures.
6. Determine transportation reporting procedures.
7. Integrate transportation automated information systems (AIS) employment.
8. Assign tasks to subordinate transportation support elements.
9. Communicate to higher headquarters transportation equipment and manpower shortfalls.
10. Synchronize internal and external transportation staff actions.
11. Supervise maritime prepositioning force offload operations.
12. Receive transportation requests.
13. Validate transportation support requirements.
14. Prioritize transportation support requests.

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15. Consolidate transportation support requests.
16. Track transportation capability availability.
17. Conduct C2 of convoy operations.
18. Employ transportation support AIS.
19. Monitor the status of current transportation operations.
20. Monitor transportation support asset availability.
21. Analyze subordinate unit's transportation status reports.
22. Track passenger, cargo, and vehicle throughput.
23. Report transportation requirements status.
24. Coordinate Joint, Interagency, Multi-national, and HN transportation support.
25. Coordinate emplacement task-organized personnel and equipment at terminals, distribution points, and pre-determined locations.
26. Establish transportation tracking procedures.
27. Establish transportation reporting procedures.
28. Support establishment of a distribution system.
29. Establish relationships with movement control agencies.
30. Establish a unit movement control center.
31. Supervise embarkation functions.
32. Supervise landing support operations.
33. Supervise port and terminal operations.
34. Supervise motor transport operations.
35. Supervise rail operations.
36. Supervise air delivery operations.
37. Supervise freight/passenger transportation operations.
38. Supervise materials handling equipment (MHE) operations.
39. Develop a freight/passenger transportation plan.
40. Develop a materials handling equipment plan.
41. Develop a maritime prepositioning force offload plan.
42. Determine contracted transportation requirements.
43. Validate supported unit's transportation capabilities/responsibilities.
44. Develop a motor transport plan.
45. Develop a rail plan.
46. Develop an air delivery plan.
47. Identify contracted transportation capabilities.
48. Identify Joint, Interagency, Multi-national, and Host Nation (HN) transportation support capabilities.
49. Identify transportation support relationships.
50. Determine transportation equipment/manpower shortfalls.
51. Develop an embarkation plan.
52. Develop a landing support plan.
53. Develop a port and terminal operations plan.
54. Determine mission requirements.
55. Determine transportation requirements.
56. Identify organic transportation capabilities.

REFERENCES :

1. MCRP 3-11.4 Helicopter Rope Suspension Techniques (HRST) Operations
2. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
3. MCRP 3-31B Amphibious Ships and Landing Craft
4. MCRP 4-11.1G Patient Movement
5. MCRP 4-11.2 Patient Movement
6. MCRP 4-11.3 Transportation Operations
7. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group

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8. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I,II and III
 9. MCRP 4-11.3E/FMFRP 5-31 VOL 1 Multi-Service Helicopter Sling Load: Basic Ops and Equipment
 10. MCRP 4-11.3F Convoy Operations Handbook
 11. MCRP 4-11.3G Unit Embarkation Handbook
 12. MCRP 4-11C Combat Cargo Operations Handbook
 13. MCRP 4-23E Multiservice Helo Sling Load Basic Operations and Equipment
 14. MCWP 3-11.4 Helicopter Borne Operations
 15. MCWP 3-31.5 Ship-to-Shore Movement
 16. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 17. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 18. MCWP 4-1 Logistics Operations
 19. MCWP 4-11 Tactical-Level Logistics
 20. MCWP 4-11.3 Transportation Operations
 21. MCWP 4-12 Operational-Level Logistics
 22. MCWP-11.9 Combat Cargo Operation
 23. MSTP 5-0.3 MAGTF Planner's Reference Manual
 24. MSTP PAM 4-0.2 A Logistics Planner's Guide
 25. MSTP PAM 5-0.2 Operational Planning Team Guide
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3004. 7000-LEVEL EVENTS**C2OP-OPS-7001:** Communicate with commander throughout the orders process.**SUPPORTED MET(S):** 1, 2, 3, 4, 5, 6, 7, 8**EVALUATION-CODED:** YES **SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** Units must be able to effectively communicate with the commander throughout the entire orders process.**CONDITION:** Given an operations order, operational COC and battle staff, functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.**STANDARD:** In accordance with the references and so that timely and accurate information is provided in order to support unit's mission.**EVENT COMPONENTS:**

1. Establish situational awareness
2. Establish information displays
3. Manage operational reports in the form of CCIRs and PIRs from/for HAS Commands
4. Translate (analyze, fuse) information into useable form for Commander and Staff
5. Maintain information displays that are used by Commander and Staff
6. Present briefs to the Commander and Staff
7. Disseminate information to HAS
8. Disseminate operation reports in accordance with Annex U, tab U-4-B, HAS
9. Establish connectivity with Commander
10. Establish means to send data
11. Maintain Situational awareness

CHAINED EVENTS:

C2OP-COC-2205	C2OP-COC-2210	C2OP-COC-2208
C2OP-COC-2207	C2OP-COC-2206	C2OP-IO-2003
C2OP-COC-2204	C2OP-COC-2202	C2OP-COC-2201
C2OP-IO-2002	C2OP-COC-2209	

RELATED EVENTS: C2OP-OPS-8001**REFERENCES:**

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
 2. MCO 3500.27_ Operational Risk Management (ORM)
 3. MCWP 1-0 Marine Corps Operations
 4. MCWP 2-1 Intelligence Operations
 5. MCWP 3-1 Ground Combat Operations
 6. MCWP 4_1 LOGISTICS OPERATIONS
 7. MCWP 5-1 Marine Corps Planning Process (MCP)
 8. MCWP 6-2 MAGTF Command and Control Operations
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C2OP-OPS-7003: Employ command and control systems**SUPPORTED MET(S):** 2, 3, 4, 5**EVALUATION-CODED:** YES**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** Units must be able to employ all current C2 systems to support the commander and the units overall mission. When used effectively, C2 systems enhance the unit's ability to execute C2 and providing the commander and staff with the correct situational awareness.**CONDITION:** Given an operations order, operational COC and battle staff, functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.**STANDARD:** So that all C2 systems and components within the COC provide timely and accurate information in order to support unit's mission.**EVENT COMPONENTS:**

1. Plan C2 systems architecture per annex
2. Design C2 systems architecture.
3. Engineer C2 systems architecture.
4. Implement C2 systems architecture.
5. Conduct command and control using unit T/E C2 systems and collaborative tools.

CHAINED EVENTS:

C2OP-COC-2205	C2OP-COC-2210	C2OP-COC-2209
C2OP-COC-2208	C2OP-COC-2207	C2OP-IO-2002
C2OP-COC-2211	C2OP-COC-2204	C2OP-COC-2203
C2OP-COC-2202	C2OP-COC-2201	C2OP-COC-2206

RELATED EVENTS: C2OP-OPS-8003**REFERENCES:**

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCWP 1-0 Marine Corps Operations
3. MCWP 2-1 Intelligence Operations
4. MCWP 3-1 Ground Combat Operations
5. MCWP 4_1 Logistics Operations
6. MCWP 5-1 Marine Corps Planning Process (MCPP)
7. MCWP 6-2 MAGTF Command and Control Operations

C2OP-OPS-7004: Execute command and control of an operation**SUPPORTED MET(S):** 1, 2, 3, 4, 5, 6, 7, 8**EVALUATION-CODED:** YES**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** The proper executions of C2 during all phases of an operation are imperative to the overall success of the mission of the unit.

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CONDITION: Given an operations order, operational COC and battle staff, functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.

STANDARD: In accordance with the references and in order to support mission requirements of the unit.

EVENT COMPONENTS:

1. Determine operational readiness
2. Disseminate Orders
3. Exercise control of tactical assets
4. Coordinate maneuver control in AO
5. Disseminate change to maneuver control and coordination plan
6. Direct movement

CHAINED EVENTS:

C2OP-OPER-1002	C2OP-COC-2201	C2OP-OPER-1001
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RELATED EVENTS:

C2OP-OPS-8004	C2OP-OPS-7001	C2OP-OPS-7003
C2OP-OPS-7005		

REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
2. MCDP 1-0 Marine Corps Operations
3. MCDP 2 Intelligence
4. MCDP 3 Expeditionary Operations
5. MCDP 4 Logistics
6. MCDP 6 Command and Control
7. MCWP 5-1 Marine Corps Planning Process (MCP)
8. MCWP 6-2 MAGTF Command and Control Operations

C2OP-PLAN-7007: Establish C2 Systems Integration Plan

SUPPORTED MET(S): 1, 4, 7, 8

EVALUATION-CODED: YES

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: The proper integration of all C2 systems and collaborative tools in the COC is important to the timely decision making abilities of the commander and his staff.

CONDITION: Given an operations order with an intel systems tab, maneuver systems tab, aviation C2 systems tab, fires systems tab, logistics systems tab, collaborative systems tab, Annex K, Annex U, and functional communications architecture, using current unit T/E, communication assets and relevant C2 systems.

STANDARD: In accordance with the references and so that C2 systems support unit's information management plan and unit mission.

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EVENT COMPONENTS:

1. Produce Annex C, tab X - C2 Systems/Collaborative Tools plan, which dictates the integration of C2 systems/collaborative tools.
2. Execute the C2 Systems Integration Plan

CHAINED EVENTS:

C2OP-PLAN-8007	C2OP-OPER-1002	C2OP-IO-2002
C2OP-IO-2001	C2OP-IO-2003	C2OP-OPER-1001

RELATED EVENTS:

C2OP-OPS-7006	C2OP-OPS-7003	C2OP-OPS-7004
C2OP-OPS-7005		

REFERENCES:

1. DCOCSOP Digital COC SOP for Battalion Operations in Irregular Warfare
 2. MCWP 1-0 Marine Corps Operations
 3. MCWP 2-1 Intelligence Operations
 4. MCWP 3-1 Ground Combat Operations
 5. MCWP 4_1 Logistics Operations
 6. MCWP 5-1 Marine Corps Planning Process (MCP)
 7. MCWP 6-2 MAGTF Command and Control Operations
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INF-C2-7xxx: Conduct COC Operations**SUPPORTED MET(S):** None**EVALUATION-CODED:** YES**SUSTAINMENT INTERVAL:** 6 months**CONDITION:** Given a CAPSET IV, operating in a MAGTF, Joint, Combined, and/or Inter agency environment, a higher headquarters operations order, commander's guidance, and references.**STANDARD:** IOT accomplish commander's intent through coordinated actions of higher, adjacent, supporting, subordinate, and enabling organizations/units.**EVENT COMPONENTS:**

1. Determine necessary functions that must be coordinated (Fires, CMO, Intel, etc)
2. Determine necessary information flow to support decision making in the functions identified (reports, unit tracking, etc)
3. Provide input to the Information Management Plan in support of COC operations.
4. Organize the staff sections for continuous COC operations
5. Determine necessary C2 system and applications and TTPs necessary to support proper information flow to maintain situational awareness and support relevant decision making.
6. Determine necessary C2 system and applications and TTPs necessary to support proper information flow to maintain situational awareness and support relevant decision making.
7. Establish and maintain a Common Tactical Picture via graphics, reports, etc. CTP should display information necessary to synchronize the COC watch standers and support rapid information exchange with the rest of the staff.

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8. Maintain communications with Higher, Adjacent, Supporting, Subordinate and other relevant organizations
 9. Verify communications methods support feedback to leaders and allow commands to be disseminated as necessary
 10. Receive and send reports as necessary to maintain situational awareness and disseminate decisions.
 11. Identify and track units, actions, intentions, and decision points to ensure relevant and timely decisions are made to support the unit's objectives
 12. Monitor higher, adjacent, supporting, and subordinate, and other units to ensure actions nest and support unit and HHQ objectives.
 13. Coordinate with the staff (both inside and outside of the COC) to ensure actions meet priorities, execution is in line with commander's intent, and to reduce friction in coordination between the unit and other organizations
 14. Coordinate among all necessary functions (fires, aviation, intel, logistics, CMO, IO, etc)
 15. Ensure subordinate and supporting elements adjust to the situation and maintain focus on objectives. Provide guidance and orders as necessary
 16. Ensure Higher, Adjacent, subordinate and supporting units have sufficient situational awareness to achieve unity of effort. Provide information and guidance as necessary.
 17. Continually assess the situation to ensure actions will accomplish objectives.
 18. Prepare for follow on operations as appropriate (branches, sequels, etc)
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LOG-ENG-7001: Conduct general engineering operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This task is designed for a combat logistics battalion. However, many event components may be applicable to all battalion/squadron level organizations.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure general engineering support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Determine mission requirements.
2. Determine general engineering requirements.
3. Identify organic general engineering capabilities.
4. Identify contracted general engineering capabilities.
5. Identify Joint, Interagency, Multi-national, and Host Nation (HN) general engineering support capabilities.
6. Identify general engineering support relationships.
7. Determine general engineering equipment and manpower shortfalls.
8. Develop a general engineering plan in support of mission requirements.
9. Determine contracting general engineering requirements.

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10. Validate supported unit's general engineering capabilities/responsibilities.
11. Develop priorities for general engineering requirements.
12. Integrate general engineering support with the distribution plan.
13. Integrate general engineering support with the maintenance plan.
14. Determine general engineering inputs to unit common operating picture.
15. Develop general engineering tracking procedures.
16. Develop general engineering support request procedures.
17. Develop general engineering reporting procedures.
18. Plan employment of engineer reconnaissance.
19. Plan employment of horizontal/vertical construction.
20. Plan employment of explosive ordnance disposal.
21. Plan employment of bridging.
22. Develop power distribution plan.
23. Plan for essential base camp requirements.
24. Plan tactical water operations.
25. Plan hygiene service operations.
26. Plan tactical bulk fuel operations.
27. Plan employment of facilities maintenance.
28. Plan employment of demolition and obstacle removal.
29. Plan for survivability operations.
30. Plan to support mobility operations.
31. Plan to support counter-mobility operations.
32. Assign tasks to subordinate general engineering support elements.
33. Communicate to higher headquarters general engineering equipment and manpower shortfalls.
34. Synchronize internal and external general engineering staff actions.
35. Coordinate Joint, Interagency, Multi-national, and Host Nation (HN) General engineering support with higher headquarters.
36. Emplace task organized personnel and equipment at terminals, distribution points, and pre-determined locations.
37. Establish general engineering reporting procedures.
38. Establish general engineering tracking procedures.
39. Establish relationships with MAGTF Movement Control Center (MMCC).
40. Conduct engineer reconnaissance operations.
41. Conduct horizontal/vertical construction operations.
42. Conduct facilities maintenance operations.
43. Conduct demolition and obstacle removal operations.
44. Conduct explosive ordnance disposal operations.
45. Conduct bridging operations.
46. Conduct route reconnaissance/clearance operations.
47. Receive general engineering requests.
48. Validate general engineering support requirements.
49. Prioritize general engineering support requests.
50. Provide general engineering inputs to the COP.
51. Track general engineering capacity.
52. Employ general engineering AIS (save for later discussion with C2 tasks).
53. Monitor the status of current general engineering operations.
54. Analyze subordinate units general engineering status reports.
55. Report general engineering status.

REFERENCES :

1. MCRP 4-11.1D Field Hygiene and Sanitation
2. MCWP 3-17 Engineer Operations

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3. MCWP 4-1 Logistics Operations
 4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 4-12 Operational-Level Logistics
 6. MCWP 5-1 Marine Corps Planning Process (MCP)
 7. MSTP 5-0.3 MAGTF Planner's Reference Manual
 8. MSTP PAM 4-0.2 A Logistics Planner's Guide
 9. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-HSS-7002: Conduct health services support operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This task is designed for a combat logistics battalion. However, many event components may be applicable to all battalion/squadron level organizations.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure health services support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Plan health services support for enemy prisoner of war (EPWs) and internally displaced persons (IDPs).
2. Develop mass casualty procedures.
3. Develop a veterinary support plan.
4. Assign tasks to subordinate health services support elements.
5. Communicate to higher headquarters health services support equipment/manpower shortfalls.
6. Synchronize internal and external health services support staff actions.
7. Coordinate Joint, Interagency, Multi-national, and HN health services support.
8. Emplace task organized health services support personnel and equipment at pre-determined locations.
9. Establish liaison with all health services support regulating agencies.
10. Establish Class VIII support (initial/sustainment).
11. Establish health services support areas/facilities requirements.
12. Establish casualty overflow procedures.
13. Task health services support requirements to subordinate organizations.
14. Conduct health maintenance operations.
15. Conduct casualty collection operations.
16. Conduct casualty treatment operations.
17. Conduct temporary casualty holding operations.
18. Conduct casualty evacuation operations.
19. Conduct mass casualty procedures.
20. Provide health services support for enemy prisoner of war (EPWs) and internally displaced persons (IDPs), as required.
21. Receive health services support requests.
22. Validate health services support requirements.
23. Prioritize health services support requests.

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24. Track health services support capability availability.
25. Employ health services support AIS.
26. Execute veterinary support procedures.
27. Collect medical intelligence.
28. Monitor the status of current health services support operations.
29. Monitor health services support asset availability.
30. Analyze subordinate units health services support status reports.
31. Track patient throughput.
32. Report health services support requirements status.
33. Determine mission requirements.
34. Determine health services support requirements.
35. Determine organic health service capabilities.
36. Identify Joint, Interagency, Multi-national, and HN health services support capabilities.
37. Identify health services support relationships.
38. Determine health services support equipment/manpower shortfalls.
39. Validate supported unit's health services support responsibilities.
40. Determine health services support common operation picture (COP) inputs.
41. Develop priorities for health services support requirements.
42. Integrate health services support with the transportation support plan.
43. Develop medical evacuation procedures.
44. Develop casualty movement procedures.
45. Develop health services support tracking procedures.
46. Develop health services support request procedures.
47. Develop health services support reporting procedures.
48. Develop health services support automated information systems (AIS) employment procedures.
49. Plan for Class VIII support (initial/sustainment).
50. Develop a health maintenance plan.
51. Develop a casualty collection plan.
52. Develop a casualty treatment plan.
53. Develop a temporary casualty holding plan.
54. Develop a casualty evacuation plan.
55. Determine health services support areas and facilities requirements.
56. Develop a plan for casualty overflow.
57. Determine health services support collection points.

REFERENCES :

1. MCRP 4-11.1D Field Hygiene and Sanitation
2. MCRP 4-11.1G Patient Movement
3. MCRP 4-11.2 Patient Movement
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.1 Health Service Support Operations
7. MCWP 4-12 Operational-Level Logistics
8. MCWP 5-1 Marine Corps Planning Process (MCP)
9. MSTP 5-0.3 MAGTF Planner's Reference Manual
10. MSTP PAM 4-0.2 A Logistics Planner's Guide
11. MSTP PAM 5-0.2 Operational Planning Team Guide

LOG-LS-7003: Conduct landing support operations

SUPPORTED MET(S): None

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EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months**DESCRIPTION:** This event is for a landing support battalion in 4th MLG.**CONDITION:** Given a requirement, personnel and equipment.**STANDARD:** To ensure landing support meets MAGTF mission objectives, and IAW MCWP 4-11.3 Transportation Operations.**EVENT COMPONENTS:**

1. Conduct landing force support party operations.
2. Conduct railhead operations.
3. Command and control forces and attachments in concert with task organization.

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 3-31B Amphibious Ships and Landing Craft
 3. MCRP 4-11.3 Transportation Operations
 4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCRP 4-11C Combat Cargo Operations Handbook
 7. MCWP 3-31.5 Ship-to-Shore Movement
 8. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 9. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 10. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 11. MCWP 4-1 Logistics Operations
 12. MCWP 4-11 Tactical-Level Logistics
 13. MCWP 4-11.3 Transportation Operations
 14. MCWP 4-11.6 Petroleum and Water Logistics Operations
 15. MCWP 4-12 Operational-Level Logistics
 16. MCWP 5-1 Marine Corps Planning Process (MCP)
 17. MCWP-11.9 Combat Cargo Operation
 18. MSTP 5-0.3 MAGTF Planner's Reference Manual
 19. MSTP PAM 4-0.2 A Logistics Planner's Guide
 20. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-MAIN-7004: Conduct maintenance operations**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO **SUSTAINMENT INTERVAL:** 24 months**DESCRIPTION:** This task is designed for a combat logistics battalion or a maintenance battalion. However, many event components may be applicable to all battalion/squadron level organizations.**CONDITION:** Given a requirement, personnel and equipment.**STANDARD:** To ensure maintenance support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Identify contracting support requirements.
2. Identify warranty service support requirements.
3. Identify equipment and manpower shortfalls.
4. Identify supporting/supported maintenance relationships.
5. Determine maintenance requirements.
6. Validate supported unit's maintenance capabilities.
7. Determine maintenance reporting procedures.
8. Determine technical assistance and overflow maintenance procedures.
9. Develop maintenance support request procedures.
10. Determine mission requirements.
11. Determine organic maintenance capabilities.
12. Determine maintenance support team procedures.
13. Integrate maintenance management procedures.
14. Develop procedures for inspection and classification.
15. Develop procedures for service, adjustment, and tuning.
16. Develop procedures for testing and calibration.
17. Develop procedures for repair.
18. Develop procedures for modification.
19. Develop procedures for rebuilding and overhaul.
20. Develop procedures for reclamation.
21. Develop procedures for recovery and evacuation.
22. Develop procedures for reparable management.
23. Identify Joint, Interagency, Multi-national, and Host Nation (HN) maintenance support availability.
24. Integrate maintenance automated information systems (AIS).
25. Determine maintenance support areas and facilities requirements.
26. Determine maintenance collection points.
27. Assign tasks to subordinate maintenance support elements.
28. Communicate to higher headquarters maintenance equipment and manpower shortfalls.
29. Integrate maintenance support with higher, adjacent, supported, and supporting (HASS) organizations.
30. Synchronize internal and external maintenance staff actions.
31. Integrate maintenance tracking procedures with HASS organizations.
32. Coordinate Joint, Interagency, Multi-national, and HN maintenance support with higher headquarters.
33. Coordinate maintenance surge operations.
34. Emplace task-organized maintenance capabilities, support areas and facilities.
35. Coordinate overflow maintenance.
36. Coordinate maintenance inputs for unit common operating picture.
37. Coordinate maintenance collection points.
38. Conduct inspection and classification.
39. Conduct service, adjustment, and tuning.
40. Conduct testing and calibration.
41. Conduct repair.
42. Conduct modification.
43. Conduct rebuilding and overhaul.
44. Conduct reclamation.
45. Conduct recovery and evacuation.
46. Conduct reparable management.
47. Provide maintenance contact /support teams.
48. Track maintenance readiness.

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49. Report maintenance readiness.
50. Receive maintenance support requests.
51. Validate maintenance support requirements.
52. Prioritize maintenance support requests.
53. Employ maintenance AIS.
54. Analyze maintenance readiness reports.
55. Report critical maintenance shortfalls.
56. Coordinate principal end item rotation.

REFERENCES :

1. MCWP 4-1 Logistics Operations
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.4 Maintenance Operations
 4. MCWP 4-12 Operational-Level Logistics
 5. MCWP 5-1 Marine Corps Planning Process (MCP)
 6. MSTP 5-0.3 MAGTF Planner's Reference Manual
 7. MSTP PAM 4-0.2 A Logistics Planner's Guide
 8. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-SUP-7005: Conduct supply operations**SUPPORTED MET(S):** None**EVALUATION-CODED:** YES**SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: This task is designed for a combat logistics battalion. However, many event components may be applicable to all battalion/squadron level organizations.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure supply support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS :

1. Identify Joint, Interagency, Multi-national services and Host Nation Support (HNS) supply supportability.
2. Determine mission requirements.
3. Identify organic supply capabilities.
4. Identify equipment/manpower shortfalls.
5. Identify supporting/supported supply relationships.
6. Determine supply and resupply requirements.
7. Identify shortfalls of all classes of supply.
8. Develop fiscal oversight processes.
9. Develop a determination of requirements plan.
10. Develop a procurement plan.
11. Develop a storage plan.
12. Identify contracting requirements.
13. Validate supported unit capabilities and responsibilities.
14. Develop a distribution plan.
15. Develop a salvage plan.
16. Develop a disposal plan.

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17. Determine supply tracking procedures.
18. Determine supply support request procedures.
19. Determine supply reporting procedures.
20. Integrate supply automated information systems (AIS) employment.
21. Coordinate tasks with subordinate supply support elements.
22. Communicate to higher headquarters equipment/manpower shortfalls.
23. Integrate supply support with higher, adjacent, supported, and supporting (HASS) organizations.
24. Synchronize internal and external supply staff actions.
25. Coordinate stockage level objectives for all classes of supply.
26. Communicate contracting requirements.
27. Emplace task-organized personnel and equipment at supply and distribution points.
28. Submit Joint, Interagency, Multi-national, and HNS requirements to higher headquarters.
29. Conduct determination of requirements operations.
30. Conduct procurement operations.
31. Conduct storage operations.
32. Conduct distribution operations.
33. Conduct salvage operations.
34. Conduct disposal operations.
35. Track stockage resupply levels.
36. Receive support requests.
37. Validate supply support requirements.
38. Prioritize supply support requests.
39. Provide fiscal oversight.
40. Employ supply AIS.
41. Analyze supply status reports.
42. Monitor the Logistics Status Report.
43. Report critical supply materiel shortfalls.
44. Provide Logistics Status Report.
45. Perform equipment accountability procedures.
46. Establish reporting requirements procedures.
47. Provide inputs to the units common operating picture.

REFERENCES:

1. MCO 4400.16_ Uniform Material Movement and Issue Priority System
2. MCO P4400.150_ Consumer Level Supply Policy Manual
3. MCO P4790.2_ MIMMS Field Procedures Manual
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.7 MAGTF Supply Operations
7. MCWP 4-12 Operational-Level Logistics
8. MCWP 5-1 Marine Corps Planning Process (MCP)
9. MSTP 5-0.3 MAGTF Planner's Reference Manual
10. MSTP PAM 4-0.2 A Logistics Planner's Guide
11. MSTP PAM 5-0.2 Operational Planning Team Guide
12. UM 4400-124 SASSY Using Unit Procedures
13. UM 4400-15 Marine Corps User Manual (Organic Property Control)

LOG-SVC-7006: Conduct services operations

SUPPORTED MET(S): None

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EVALUATION-CODED: NO**SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: This task is designed for a combat logistics battalion. However, many event components may be applicable to all battalion/squadron level organizations.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure services support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Determine mission requirements.
2. Identify organic services capabilities.
3. Identify Joint, Interagency, Multi-national, and Host Nation Support (HNS) services supportability.
4. Identify equipment/manpower shortfalls.
5. Identify supporting/supported services relationships.
6. Validate supported unit capabilities and responsibilities.
7. Determine contracted services requirements.
8. Determine services requirements.
9. Develop a messing plan.
10. Develop a disbursing plan.
11. Develop a postal services plan.
12. Develop an exchange services plan.
13. Develop a security support plan.
14. Develop a legal services support plan.
15. Develop a personnel recovery plan.
16. Determine services tracking procedures.
17. Determine services support request procedures.
18. Determine services reporting procedures.
19. Integrate services automated information systems (AIS) employment.
20. Coordinate tasks with subordinate services support elements.
21. Communicate to higher headquarters equipment/manpower shortfalls.
22. Integrate services support with higher, adjacent, supported, and supporting (HASS) organizations.
23. Emplace task-organized personnel and equipment at service points.
24. Synchronize internal and external services staff actions.
25. Coordinate emplacement of services points.
26. Coordinate with higher headquarters for Joint, Interagency, Multi-national, and Host Nation Support.
27. Communicate contracting requirements.
28. Provide inputs to the units common operating picture.
29. Establish tracking procedures.
30. Establish reporting procedures.
31. Conduct messing operations.
32. Conduct disbursing operations.
33. Conduct postal services operations.
34. Conduct exchange services operations.
35. Conduct security support operations.
36. Conduct legal services support operations.
37. Conduct personnel recovery operations.
38. Receive support requests.

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39. Validate services support requirements.
40. Prioritize services support requests.
41. Employ services AIS.
42. Analyze services status reports.
43. Monitor the Logistics Status Report.
44. Provide Logistics Status Report.

REFERENCES:

1. MCRP 3-33.1A Civil Affairs Operations
 2. MCRP 4-11-8A Marine Corps Field Feeding Program
 3. MCWP 4-1 Logistics Operations
 4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 4-11.8 Services in an Expeditionary Environment
 6. MCWP 4-12 Operational-Level Logistics
 7. MCWP 5-1 Marine Corps Planning Process (MCP)
 8. MCWP 6-12 Religious Ministry Support in the Marine Corps
 9. MSTP 5-0.3 MAGTF Planner's Reference Manual
 10. MSTP PAM 4-0.2 A Logistics Planner's Guide
 11. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-TRAN-7007: Conduct transportation operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This task is designed for a combat logistics battalion. However, many event components may be applicable to all battalion/squadron level organizations.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure transportation support meets MAGTF mission objectives in conjunction with the other five coordinated logistics functional area operations.

EVENT COMPONENTS:

1. Conduct embarkation functions.
2. Conduct landing support operations.
3. Conduct port and terminal operations.
4. Conduct motor transport operations.
5. Conduct rail operations.
6. Conduct air delivery operations.
7. Conduct freight/passenger transportation operations.
8. Conduct materials handling equipment (MHE) operations.
9. Receive transportation requests.
10. Validate transportation support requirements.
11. Prioritize transportation support requests.
12. Consolidate transportation support requests.
13. Track transportation capability availability.
14. Conduct C2 of convoy operations.
15. Employ transportation support AIS.
16. Monitor the status of current transportation operations.

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17. Monitor transportation support asset availability.
18. Analyze subordinate unit's transportation status reports.
19. Track passenger, cargo, and vehicle throughput.
20. Report transportation requirements status.
21. Determine mission requirements.
22. Determine transportation requirements.
23. Identify organic transportation capabilities.
24. Identify contracted transportation capabilities.
25. Identify Joint, Interagency, Multi-national, and Host Nation (HN) transportation support capabilities.
26. Identify transportation support relationships.
27. Determine transportation equipment/manpower shortfalls.
28. Develop an embarkation plan.
29. Develop a landing support plan.
30. Develop a port and terminal operations plan.
31. Develop an air delivery plan.
32. Develop a freight/passenger transportation plan.
33. Develop a materials handling equipment plan.
34. Determine contracted transportation requirements.
35. Validate supported unit's transportation capabilities/responsibilities.
36. Determine transportation common operation picture (COP) inputs.
37. Develop a motor transport plan.
38. Develop a rail plan.
39. Develop priorities for transportation requirements.
40. Integrate transportation support with the distribution plan.
41. Ensure transportation tracking procedures.
42. Determine transportation support request procedures.
43. Determine transportation reporting procedures.
44. Integrate transportation automated information systems (AIS) employment.
45. Assign tasks to subordinate transportation support elements.
46. Communicate to higher headquarters transportation equipment and manpower shortfalls.
47. Synchronize internal and external transportation staff actions.
48. Coordinate Joint, Interagency, Multi-national, and HN transportation support.
49. Emplace task-organized personnel and equipment at terminals, distribution points, and pre-determined locations.
50. Establish transportation tracking procedures.
51. Establish transportation reporting procedures.
52. Support establishment of a distribution system.
53. Establish relationships with movement control agencies.
54. Establish a unit movement control center.

REFERENCES :

1. MCRP 3-11.4 Helicopter Rope Suspension Techniques (HRST) Operations
2. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
3. MCRP 3-31B Amphibious Ships and Landing Craft
4. MCRP 4-11.1G Patient Movement
5. MCRP 4-11.2 Patient Movement
6. MCRP 4-11.3 Transportation Operations
7. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
8. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I,II and III
9. MCRP 4-11.3E/FMFRP 5-31 VOL 1 Multi-Service Helicopter Sling Load: Basic Ops and Equipment

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10. MCRP 4-11.3F Convoy Operations Handbook
 11. MCRP 4-11.3G Unit Embarkation Handbook
 12. MCRP 4-11C Combat Cargo Operations Handbook
 13. MCRP 4-23E Multiservice Helo Sling Load Basic Operations and Equipment
 14. MCWP 3-11.4 Helicopter Borne Operations
 15. MCWP 3-31.5 Ship-to-Shore Movement
 16. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 17. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 18. MCWP 4-1 Logistics Operations
 19. MCWP 4-11 Tactical-Level Logistics
 20. MCWP 4-11.3 Transportation Operations
 21. MCWP 4-12 Operational-Level Logistics
 22. MCWP 5-1 Marine Corps Planning Process (MCP)
 23. MCWP-11.9 Combat Cargo Operation
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3005. 6000-LEVEL EVENTS**LOG-CLC-6001:** Provide ground logistics support to a MAGTF element**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**DESCRIPTION:** This event is for a Combat Logistics Company in support of the MAGTF element.**CONDITION:** Given a requirement, personnel and equipment.**STANDARD:** To ensure logistics support meets MAGTF mission objectives, and IAW MCWP 4-11 Tactical Logistics.**EVENT COMPONENTS:**

1. Provide intermediate field level maintenance support for ground equipment.
2. Provide intermediate ground supply support.
3. Manage reparable.
4. Conduct aerial port operations.
5. Provide services support.

REFERENCES:

1. MCO 4105.2_ Marine Corps Warranty Program
2. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
3. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property (Aug 94)
4. MCO 4400.120_ Joint Regulation Governing the Use and Application of Uniform Source Maintenance and Recoverability Codes
5. MCO 4400.16_ Uniform Material Movement and Issue Priority System
6. MCO 4470.1_ MAGTF Deployment and Distribution Policy (MDDP)
7. MCO 4710.8 Uniform Criteria for Repair Cost Estimated Used to Determine
8. MCO 4731.1A Oil Analysis Program for Ground Equipment (Nov 90)
9. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
10. MCO 4790.19 Depot Maintenance Policy
11. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
12. MCO P4400.150_ Consumer Level Supply Policy Manual
13. MCO P4400.82_ Regulated/Controlled Item Management Manual
14. MCO P4450.12 Storage and Handling of Hazardous Materials
15. MCO P4600.14 Transportation Fac Guide Vol 4
16. MCO P4600.7 USMC Transportation Manual
17. MCO P4790.1 MIMMS Introduction Manual
18. MCO P4790.2_ MIMMS Field Procedures Manual
19. MCO P4790.3 MIMMS Depot Policy Manual
20. MCO P4855.10 Product Quality Deficiency Report (PQDR)
21. MCRP 4-11.3 Transportation Operations
22. MCWP 3-21.1 Aviation Ground Support
23. MCWP 4-1 Logistics Operations
24. MCWP 4-11 Tactical-Level Logistics
25. MCWP 4-11.4 Maintenance Operations

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26. MCWP 4-11.7 MAGTF Supply Operations
27. TM Equipment Technical Manual
28. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
29. TM 11240-14/2 Logistic Consideration for Motor Transport Convoy Operations
30. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
31. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
32. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
33. TM 3080-12 Corrosion Control for Marine Corps Ground Equipment
34. TM 4700-15/1_ Ground Equipment Record Procedures
35. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures
36. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment

LOG-GSM-6002: Conduct general support maintenance operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This event is for a General Support Maintenance Company.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure intermediate maintenance support meets MAGTF mission objectives, and IAW MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Provide field level maintenance and configuration management on motor transport, secondary reparable from the secondary reparable float.
2. Provide field level maintenance and configuration management on ordnance secondary reparable from the secondary reparable float.
3. Provide field level maintenance and configuration management on engineer equipment secondary reparable from the secondary reparable float.
4. Provide welding capabilities for accomplishment of field level maintenance.
5. Provide machine shop capabilities for accomplishment of field level maintenance.
6. Prepare items for issue.

REFERENCES:

1. MCO 4081.2 Marine Corps Performance Based Logistics (PBL)
2. MCO 4105.2_ Marine Corps Warranty Program
3. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
4. MCO 4400.120_ Joint Regulation Governing the Use and Application of Uniform Source Maintenance and Recoverability Codes
5. MCO 4400.16_ Uniform Material Movement and Issue Priority System
6. MCO 4710.8 Uniform Criteria for Repair Cost Estimated Used to Determine
7. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)

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8. MCO 4790.19 Depot Maintenance Policy
9. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
10. MCO P4450.12 Storage and Handling of Hazardous Materials
11. MCO P4790.1 MIMMS Introduction Manual
12. MCO P4790.2_ MIMMS Field Procedures Manual
13. MCO P4790.3 MIMMS Depot Policy Manual
14. MCO P4855.10 Product Quality Deficiency Report (PQDR)
15. MCWP 4-1 Logistics Operations
16. MCWP 4-11 Tactical-Level Logistics
17. MCWP 4-11.4 Maintenance Operations
18. MCWP 4-12 Operational-Level Logistics
19. TM Equipment Technical Manual
20. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
21. TM 4700-15/1_ Ground Equipment Record Procedures

LOG-LS-6003: Conduct landing support operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

DESCRIPTION: This event is for a landing support company.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure landing support meets MAGTF mission objectives, and IAW MCWP 4-11.3 Transportation Operations.

EVENT COMPONENTS:

1. Conduct air delivery operations.
2. Command and control forces and attachments in concert with task organization.
3. Conduct landing force support party operations.
4. Conduct railhead operations.

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
2. MCRP 3-31B Amphibious Ships and Landing Craft
3. MCRP 4-11.3 Transportation Operations
4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
5. MCRP 4-11.3F Convoy Operations Handbook
6. MCRP 4-11.3G Unit Embarkation Handbook
7. MCRP 4-11C Combat Cargo Operations Handbook
8. MCWP 3-31.5 Ship-to-Shore Movement
9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
12. MCWP 4-1 Logistics Operations
13. MCWP 4-11 Tactical-Level Logistics
14. MCWP 4-11.3 Transportation Operations
15. MCWP 4-11.6 Petroleum and Water Logistics Operations

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16. MCWP 4-12 Operational-Level Logistics
 17. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 18. MCWP-11.9 Combat Cargo Operation
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LOG-OPS-6004: Conduct convoy operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event is for any company sized unit tasked to conduct convoy operations.

CONDITION: Given a mission, personnel and equipment.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Receive/review intelligence reports.
2. Determine lift requirements.
3. Conduct route reconnaissance.
4. Task organize.
5. Develop a movement plan.
6. Submit movement plan to higher headquarters.
7. Coordinate cas/medevac support procedures.
8. Direct loading operations.
9. Issue order to all organic, attached, and supporting units.
10. Conduct pre-combat actions, checks/inspections.
11. Establish convoy communication.
12. Direct the movement of the convoy.
13. Conduct cross-boundary coordination.
14. Employ current technology and equipment (e.g., COMM, BFT, CREW).
15. Employ crew-served weapons from motorized platforms.
16. Direct the defense of the convoy.
17. Conduct escalation of force.
18. React to enemy contact (e.g., IED, small arms, complex ambush).
19. Supervise vehicle fording operations.
20. React to a vehicle roll over.
21. Supervise vehicle recovery operations.
22. Supervise field expedient repairs.
23. Supervise limited visibility driving operations.
24. Send and receive required reports.
25. Conduct convoy debrief with convoy personnel.
26. Conduct mission debrief with appropriate staff.
27. Prepare mission after-action brief.

REFERENCES:

1. FM 20-22 Vehicle Recovery Operations
2. FM 20-30 Battlefield Damage Assessment and Repair
3. FM 55-15 Transportation Reference Data
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCWP 4-11.3 Transportation Operations

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6. NAVSEA OP 2239 Explosive Driver Handbook
7. Unit SOP Unit SOP

LOG-SPT-6005: Provide field level maintenance support for ground equipment

SUPPORTED MET(S): None

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: This event is for a Support Company of a DS CLB.

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure field level maintenance support meets MAGTF mission objectives, and IAW MCWP 4-11.4 Maintenance Operations.

EVENT COMPONENTS:

1. Provide field level maintenance for ground equipment.
2. Manage reparable.
3. Task organize to provide requisite logistics support.
4. Command and control forces in concert with task organization.

REFERENCES:

1. MCO 4105.2_ Marine Corps Warranty Program
2. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
3. MCO 4400.120_ Joint Regulation Governing the Use and Application of Uniform Source Maintenance and Recoverability Codes
4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
5. MCO 4710.8 Uniform Criteria for Repair Cost Estimated Used to Determine
6. MCO 4790.19 Depot Maintenance Policy
7. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
8. MCO P4450.12 Storage and Handling of Hazardous Materials
9. MCO P4790.1 MIMMS Introduction Manual
10. MCO P4790.2_ MIMMS Field Procedures Manual
11. MCO P4790.3 MIMMS Depot Policy Manual
12. MCO P4855.10 Product Quality Deficiency Report (PQDR)
13. MCWP 4-1 Logistics Operations
14. MCWP 4-11 Tactical-Level Logistics
15. MCWP 4-11.4 Maintenance Operations
16. MCWP 4-12 Operational-Level Logistics
17. TM Equipment Technical Manual
18. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
19. TM 4700-15/1_ Ground Equipment Record Procedures

LOG-SVC-6006: Provide services support

SUPPORTED MET(S): None

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

DESCRIPTION: This event is for a Service Company.

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CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure services support meets MAGTF mission objectives, and IAW MCWP 4-11.8 Services in an Expeditionary Environment.

EVENT COMPONENTS:

1. Provide disbursing operations.
2. Provide postal operations.
3. Provide exchange operations.
4. Provide legal services operations.

REFERENCES:

1. MCRP 3-33.1A Civil Affairs Operations
 2. MCRP 4-11-8A Marine Corps Field Feeding Program
 3. MCWP 4-1 Logistics Operations
 4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 4-11.8 Services in an Expeditionary Environment
 6. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 7. MCWP 6-12 Religious Ministry Support in the Marine Corps
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3006. 5000-LEVEL EVENTS**LOG-MAIN-5601:** Provide field level maintenance support for ground equipment**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**DESCRIPTION:** This event is for a maintenance platoon/detachment that supports multiple maintenance commodities.**CONDITION:** Given a mission, personnel and equipment.**STANDARD:** Meeting mission requirements and IAW MCWP 4-11.4 Maintenance Operations.**EVENT COMPONENTS:**

1. Provide field level maintenance support for assigned/tasked-organized equipment.
2. Manage maintenance production.
3. Manage maintenance related programs.

REFERENCES:

1. Applicable Equipment Technical Manuals Applicable Equipment Technical Manuals
 2. MCO P4790.1 MIMMS Introduction Manual
 3. MCO P4790.2_ MIMMS Field Procedures Manual
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.4 Maintenance Operations
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LOG-OPS-5001: Plan logistics support**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**CONDITION:** Given a unit with a mission and identified logistics requirements,**STANDARD:** To ensure equipment and personnel sustainment IAW the unit's concept of support and mission accomplishment**REFERENCES:**

1. MCRP 5-12 Organization of Marine Corps Forces
 2. MCWP 4-1 Logistics Operations
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-12 Operational-Level Logistics
 5. MCWP 5-1 Marine Corps Planning Process (MCP)P)
 6. MSTP PAM 4-0.2 A Logistics Planner's Guide
 7. MSTP PAM 5-0.2 Operational Planning Team Guide
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LOG-OPS-5002: Conduct convoy operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event is for any platoon-sized unit tasked to conduct convoy operations.

CONDITION: Given a mission, personnel and equipment.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Receive/review intelligence reports.
2. Determine lift requirements.
3. Conduct route reconnaissance.
4. Task organize.
5. Develop a movement plan.
6. Submit movement plan to higher headquarters.
7. Coordinate cas/medevac support procedures.
8. Direct loading operations.
9. Issue order to all organic, attached, and supporting units.
10. Conduct pre-combat actions, checks/inspections.
11. Establish convoy communication.
12. Direct the movement of the convoy.
13. Conduct cross-boundary coordination.
14. Employ current technology and equipment (eg., comm, BFT, CREW).
15. Employ crew-served weapons from motorized platforms.
16. Direct the defense of the convoy.
17. Conduct escalation of force.
18. React to enemy contact (e.g., IED, small arms, complex ambush).
19. Supervise vehicle fording operations.
20. React to a vehicle roll over.
21. Supervise vehicle recovery operations.
22. Supervise field expedient repairs.
23. Supervise limited visibility driving operations.
24. Send and receive required reports.
25. Conduct convoy debrief with convoy personnel.
26. Conduct mission debrief with appropriate staff.
27. Prepare mission after-action brief.

REFERENCES:

1. FM 20-22 Vehicle Recovery Operations
 2. FM 20-30 Battlefield Damage Assessment and Repair
 3. FM 55-15 Transportation Reference Data
 4. MCRP 4-11.3 Transportation Operations
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCWP 4-11.3 Transportation Operations
 7. Unit SOP Unit SOP
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LOG-OPS-5003: Conduct arrival/departure airfield control group (A/DACG) operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given personnel, equipment and a concept of operations

STANDARD: In order to support movement timeline, maintaining safety and accountability

EVENT COMPONENTS:

1. Conduct site survey.
2. Coordinate with external agencies.
3. Establish communications.
4. Coordinate with airfield security.
5. Assign responsibilities.
6. Employ In-transit-visibility (ITV).
7. Direct equipment movement.
8. Direct passenger movement.
9. Report onload/offload status of personnel and equipment.
10. Establish staging areas.
11. Coordinate joint inspections.

REFERENCES:

1. MCRP 4-11.3 Transportation Operations
 2. MCRP 4-11.3G Unit Embarkation Handbook
 3. MCWP 3-11.4 Helicopter Borne Operations
 4. MCWP 3-2 Aviation Operations
 5. MCWP 3-21.1 Aviation Ground Support
 6. MCWP 3.21.1 Aviation Ground Support
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11 Tactical-Level Logistics
 9. MCWP 4-11.3 Transportation Operations
 10. MCWP 4-12 Operational-Level Logistics
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LOG-OPS-5004: Conduct beach operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given personnel, equipment, a load plan, and loading sequence/landing serial table.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Direct passenger movement.
2. Report onload/offload status of personnel and equipment.
3. Conduct beach reconnaissance.

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4. Setup up beach landing zone.
5. Establish communications.
6. Establish staging/call forward area.
7. Employ In-transit-visibility (ITV).
8. Direct equipment movement.
9. Assign responsibilities.
10. Identify beach landing zone(s).

REFERENCES :

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 3-31B Amphibious Ships and Landing Craft
 3. MCRP 4-11.3 Transportation Operations
 4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCRP 4-11C Combat Cargo Operations Handbook
 8. MCWP 3-31.5 Ship-to-Shore Movement
 9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.3 Transportation Operations
 15. MCWP 4-11.6 Petroleum and Water Logistics Operations
 16. MCWP 4-12 Operational-Level Logistics
 17. MCWP-11.9 Combat Cargo Operation
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LOG-OPS-5005: Conduct landing force support party (LFSP) operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a beach/port, personnel and equipment, movement data, personnel and equipment to be moved.

STANDARD: To facilitate the landing and movement of personnel, supplies and equipment across the beach into a vertical landing zone or through a port.

EVENT COMPONENTS:

1. Coordinate with external agencies.
2. Conduct liaison with assigned units.
3. Establish communications requirements.
4. Conduct a BOG.
5. Conduct a POG.
6. Conduct HST operations.
7. Conduct beach salvage operations.
8. Conduct evacuation of casualties and Enemy Prisoners of War (EPW).
9. Facilitate the establishment of the Combat Service Support (CSS) elements.
10. Complete documentation.
11. Complete required reports.

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REFERENCES :

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 3-31B Amphibious Ships and Landing Craft
 3. MCRP 4-11.3 Transportation Operations
 4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCRP 4-11C Combat Cargo Operations Handbook
 8. MCWP 3-31.5 Ship-to-Shore Movement
 9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.3 Transportation Operations
 15. MCWP 4-11.6 Petroleum and Water Logistics Operations
 16. MCWP 4-12 Operational-Level Logistics
 17. MCWP-11.9 Combat Cargo Operation
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LOG-OPS-5006: Conduct port operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given personnel, equipment, a load plan, and loading sequence table.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Conduct port survey.
2. Coordinate with external agencies.
3. Coordinate port security.
4. Assign responsibilities.
5. Establish appropriate staging/call forward area.
6. Establish communications.
7. Employ In-transit-visibility (ITV).
8. Direct equipment movement.
9. Direct passenger movement.
10. Report onload/offload status of personnel and equipment.

REFERENCES :

1. MCRP 3-31B Amphibious Ships and Landing Craft
2. MCRP 4-11.3 Transportation Operations
3. MCRP 4-11.3F Convoy Operations Handbook
4. MCRP 4-11.3G Unit Embarkation Handbook
5. MCRP 4-11C Combat Cargo Operations Handbook
6. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
7. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
8. MCWP 4-1 Logistics Operations
9. MCWP 4-11 Tactical-Level Logistics

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10. MCWP 4-11.3 Transportation Operations
 11. MCWP 4-12 Operational-Level Logistics
-

LOG-OPS-5007: Conduct rail operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given personnel, equipment, and a load plan.

STANDARD: In order to complete onload/offload operations without injury to personnel or damage to equipment.

EVENT COMPONENTS:

1. Coordinate with external agencies.
2. Conduct rail-head reconnaissance.
3. Coordinate security.
4. Assign responsibilities.
5. Establish appropriate staging/distribution area.
6. Establish communications.
7. Employ In-transit-visibility (ITV).
8. Direct equipment movement.
9. Report onload/offload status of personnel and equipment.

REFERENCES:

1. AAR American Association of Railroads
 2. DOD 4500.9-R Defense Transportation Regulation (DTR)
 3. MCRP 4-11.3 Transportation Operations
 4. MCRP 4-11.3G Unit Embarkation Handbook
 5. MCWP 4-1 Logistics Operations
 6. MCWP 4-11 Tactical-Level Logistics
 7. MCWP 4-11.3 Transportation Operations
 8. MCWP 4-12 Operational-Level Logistics
 9. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
-

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3007. 4000-LEVEL EVENTS**LOG-OPS-4001:** Conduct convoy operations**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This event is for any section-sized unit tasked to conduct convoy operations.**CONDITION:** Given a mission, personnel and equipment.**STANDARD:** In order to support movement timeline, maintaining safety and accountability.**EVENT COMPONENTS:**

1. Receive/review intelligence reports.
2. Determine lift requirements.
3. Conduct route reconnaissance.
4. Task organize.
5. Develop a movement plan.
6. Submit movement plan to higher headquarters.
7. Coordinate cas/medevac support procedures.
8. Direct loading operations.
9. Issue order to all organic, attached, and supporting units.
10. Conduct pre-combat actions, checks/inspections.
11. Establish convoy communication.
12. Direct the movement of the convoy.
13. Conduct cross-boundary coordination.
14. Employ current technology and equipment (e.g., COMM, BFT, CREW).
15. Employ crew-served weapons from motorized platforms.
16. Direct the defense of the convoy.
17. Conduct escalation of force.
18. React to enemy contact (e.g., IED, small arms, complex ambush).
19. Supervise vehicle recovery operations.
20. Supervise field expedient repairs.
21. Supervise vehicle fording operations.
22. React to a vehicle roll over.
23. Supervise limited visibility driving operations.
24. Send and receive required reports.
25. Conduct convoy debrief with convoy personnel.
26. Conduct mission debrief with appropriate staff.
27. Prepare mission after-action brief.

REFERENCES:

1. MCRP 4-11.3 Transportation Operations
2. MCRP 4-11.3F Convoy Operations Handbook
3. MCRP 4-11.3G Unit Embarkation Handbook
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.3 Transportation Operations
7. MCWP 4-12 Operational-Level Logistics

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8. TM 11240-14/2 Logistic Consideration for Motor Transport Convoy Operations
 9. TM 11240-15/4 Motor Transport Technical Characteristics
 10. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
-

LOG-OPS-4002: Coordinate logistics support

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a requirement, personnel and equipment.

STANDARD: To ensure equipment and personnel sustainment IAW the unit's concept of support and mission accomplishment.

EVENT COMPONENTS:

1. Coordinate transportation requirements.
2. Coordinate embarkation requirements.
3. Coordinate maintenance management functions.
4. Coordinate facilities requirements.
5. Coordinate supply support requirements.
6. Coordinate engineering support.
7. Coordinate Arms Ammunition and Explosives (AA&E) functions/support.
8. Coordinate health services support.
9. Coordinate food service support.
10. Coordinate remain/left behind equipment (RBE/LBE).
11. Monitor safety/environmental compliance programs.
12. Coordinate requirements beyond organic capabilities with external agencies.
13. Provide input to common operational picture.
14. Maintain logistics mission status.
15. Provide logistics status reports.

CHAINED EVENTS:

LOG-OPS-4704

LOG-OPS-5001

REFERENCES:

1. FMFM 3-1 Command and Staff Action
2. JP 3-02 Joint Doctrine for Amphibious Operations
3. JP 0-2 Unified Action Armed Forces (UNAAF)
4. MCDP 4 Logistics
5. MCO 8010.1 Class V(W) SUP FMF CBT OP
6. MCO P4400.150_ Consumer Level Supply Policy Manual
7. MCO P4790.2_ MIMMS Field Procedures Manual
8. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
9. MCO P8020.10A Marine Corps Ammunition Management and Explosives Safety Policy
10. MCRP 5-12A Operational Terms and Graphics
11. MCWP 3-17 Engineer Operations
12. MCWP 3-21.1 Aviation Ground Support
13. MCWP 3-31.5 Ship-to-Shore Movement
14. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations

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15. MCWP 4-1 Logistics Operations
 16. MCWP 4-11 Tactical-Level Logistics
 17. MCWP 4-11.1 Health Service Support Operations
 18. MCWP 4-11.3 Transportation Operations
 19. MCWP 4-11.4 Maintenance Operations
 20. MCWP 4-11.6 Bulk Liquid Operations
 21. MCWP 4-11.7 MAGTF Supply Operations
 22. MCWP 4-11.8 Services in an Expeditionary Environment
 23. MCWP 5-1 Marine Corps Planning Process (MCP)
 24. NATICK PAM 30-25 Operational Rations
 25. TM 11240-15/4 Motor Transport Technical Characteristics
 26. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
 27. UNIT T/O&E Unit's Table of Organization and Equipment
-

LOG-OPS-4003: Establish a maintenance management program

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given the requirement, available resources, directives and maintenance related inspection checklists.

STANDARD: To ensure the effective and efficient use of personnel, funds, facilities and materiel as applied to the maintenance of ground equipment.

EVENT COMPONENTS:

1. Coordinate unit TO/E review.
2. Coordinate unit publications review.
3. Coordinate unit maintenance management training program.
4. Coordinate unit participation in maintenance related programs.
5. Coordinate unit validation and reconciliation processes.
6. Coordinate unit Test, Measurement, and Diagnostic Equipment (TMDE) review.
7. Coordinate unit maintenance budget reviews.
8. Coordinate unit maintenance inspection program.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
4. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
5. MCO 5215.1_ Marine Corps Directives Management Program
6. MCO 5311.1_ Total Force Structure Process (TFSP)
7. MCO P4400.150_ Consumer Level Supply Policy Manual
8. MCO P4400.82_ Regulated/Controlled Item Management Manual
9. MCO P4790.1 MIMMS Introduction Manual
10. MCO P4790.2_ MIMMS Field Procedures Manual
11. MCO P4855.10 Product Quality Deficiency Report (PQDR)
12. MCO P5215.17_ Marine Corps Technical Publications System
13. MCRP 3-0A Unit Training Management Guide

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14. MCRP 3-0B How to Conduct Training
 15. MCWP 4-11.4 Maintenance Operations
 16. PC MIMMS Tech Guide PC MIMMS Technical Guide
 17. TI 4733-15 Calibration Requirements Test, Measurement and Diagnostic
 18. TI 4733-15/1_ TMDE Calibration & Maintenance Program
 19. TM 4420-15/1 Life Cycle Logistics Support and the Material Fielding Process
 20. TM 4700-15-1/H Marine Corps Equipment Forms and Records
 21. UM 4400-123 FMF SASSY Management Unit Procedures
 22. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 23. UN 4400-124 FMF SASSY Using Unit Procedures
 24. UNIT T/O&E Unit's Table of Organization and Equipment
 25. User's Manual Publications Library Management System
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3008. 3000-LEVEL EVENTS**LOG-OPS-3001:** Conduct helicopter support team (HST) operations**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**CONDITION:** Given a landing zone, personnel and equipment, load to be lifted and the references.**STANDARD:** In order to support lift requirements without injury to personnel or damage to equipment.**EVENT COMPONENTS:**

1. Assign responsibilities.
2. Inspect lifting equipment.
3. Clear landing zone.
4. Mark landing zone.
5. Establish communications.
6. Inspect load for lift.
7. Prepare load.
8. Rig load.
9. Conduct lifts/receive load.
10. Retrieve lifting equipment.
11. Submit required reports.

REFERENCES:

1. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
 2. MCO P4600.7 USMC Transportation Manual
 3. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I,II and III
 4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 4-11.3 Transportation Operations
-

LOG-OPS-3002: Monitor equipment condition readiness reporting requirements**SUPPORTED MET(S):** None**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**CONDITION:** Given the requirement and resources,**STANDARD:** To sustain unit effectiveness during combat operations.**EVENT COMPONENTS:**

1. Recommend corrective actions for identified deficiencies.
2. Determine operational reporting requirements.
3. Analyze production reports using validation and reconciliation procedures.
4. Supervise corrective actions.
5. Submit applicable reports.

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CHAINED EVENTS:

0451-MAIN-2608	0451-PACK-2005	0451-MAIN-1602
0451-MAIN-2602	0451-MAIN-2606	0451-MAIN-2607
0451-ADMN-2101	0451-ADMN-2102	0451-OPS-1702
0451-OPS-2717	0451-OPS-2716	0451-OPS-2714
0451-OPS-1703	0451-OPS-2705	0451-OPS-2701
0451-OPS-2715	0451-OPS-2710	0451-OPS-2709
0451-OPS-2708	0451-OPS-2707	0451-OPS-2706
0451-OPS-2704	0451-RIG-1902	0451-RIG-2902
0451-RIG-2901	0451-RIG-1905	0451-RIG-1901
0451-RIG-2904	0451-RIG-1904	0451-RIG-1903
0451-PACK-1001	0451-PACK-1004	0451-PACK-2003
0451-PACK-1006	0451-PACK-1005	0451-PACK-1002
0451-PACK-2002	0451-PACK-1003	0451-PACK-2007
0451-PACK-2004	0451-PACK-1007	0451-PACK-2008
0451-PACK-1008	0451-PACK-2006	0451-MAIN-2601

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
4. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
5. MCO 5215.1_ Marine Corps Directives Management Program
6. MCO 5311.1_ Total Force Structure Process (TFSP)
7. MCO P4400.150_ Consumer Level Supply Policy Manual
8. MCO P4400.82_ Regulated/Controlled Item Management Manual
9. MCO P4790.1 MIMMS Introduction Manual
10. MCO P4790.2_ MIMMS Field Procedures Manual
11. MCO P4855.10 Product Quality Deficiency Report (PQDR)
12. MCO P5215.17_ Marine Corps Technical Publications System
13. MCRP 3-0A Unit Training Management Guide
14. MCRP 3-0B How to Conduct Training
15. MCWP 4-11.4 Maintenance Operations
16. PC MIMMS Tech Guide PC MIMMS Technical Guide
17. TI 4733-15 Calibration Requirements Test, Measurement and Diagnostic
18. TI 4733-15/1_ TMDE Calibration & Maintenance Program
19. TM 4420-15/1 Life Cycle Logistics Support and the Material Fielding Process
20. TM 4700-15-1/H Marine Corps Equipment Forms and Records
21. UM 4400-123 FMF SASSY Management Unit Procedures
22. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
23. UN 4400-124 FMF SASSY Using Unit Procedures
24. UNIT T/O&E Unit's Table of Organization and Equipment
25. User's Manual Publications Library Management System

LOG-OPS-3003: Perform air liaison element (ALE) functions

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

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CONDITION: Given an aerial port, personnel and equipment, movement data, personnel and equipment to be moved.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Conduct liaison with assigned units.
2. Coordinate with external agencies.
3. Coordinate joint inspections.
4. Ensure coordination of movement.
5. Verify Unit Line Number (ULN) accountability.
6. Ensure plane team commander completes required actions.
7. Complete documentation.
8. Complete required reports.

REFERENCES:

1. MCRP 4-11.3 Transportation Operations
 2. MCWP 3-2 Aviation Operations
 3. MCWP 3-21.1 Aviation Ground Support
 4. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
 5. MCWP 3.21.1 Aviation Ground Support
 6. MCWP 4-1 Logistics Operations
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.3 Transportation Operations
 9. MCWP 4-12 Operational-Level Logistics
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LOG-OPS-3004: Perform surface liaison element (SLE) functions

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

CONDITION: Given a port, personnel and equipment, movement data, personnel and equipment to be moved.

STANDARD: In order to support movement timeline, maintaining safety and accountability.

EVENT COMPONENTS:

1. Conduct liaison with assigned units.
2. Coordinate with external agencies.
3. Coordinate inspections.
4. Ensure coordination of movement.
5. Verify Unit Line Number (ULN) accountability.
6. Coordinate supercargo requirements.
7. Complete documentation.
8. Complete required reports.

REFERENCES:

1. MCRP 3-31B Amphibious Ships and Landing Craft
2. MCRP 4-11.3 Transportation Operations
3. MCRP 4-11C Combat Cargo Operations Handbook

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4. MCWP 3-31.5 Ship-to-Shore Movement
 5. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 6. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 7. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 8. MCWP 3-41.1 Rear Area Operations
 9. MCWP 4-1 Logistics Operations
 10. MCWP 4-11 Tactical-Level Logistics
 11. MCWP 4-11.3 Transportation Operations
 12. MCWP 4-12 Operational-Level Logistics
-

LOG-OPS-3005: Plan maintenance operations

SUPPORTED MET(S): None

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

CONDITION: Given the requirement, commander's guidance and operations plan.

STANDARD: To maintain an efficient and systematic up-to-date maintenance management program for materiel and equipment.

EVENT COMPONENTS:

1. Review unit's published logistics capabilities.
2. Identify logistics capabilities shortfalls.
3. Plan material and equipment maintenance production functions.
4. Publish applicable policy and procedures.
5. Coordinate the execution of unit level maintenance operations.
6. Supervise the implementation of published policies and procedures.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
3. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
4. MCO 5215.1_ Marine Corps Directives Management Program
5. MCO 5311.1_ Total Force Structure Process (TFSP)
6. MCO P4400.150_ Consumer Level Supply Policy Manual
7. MCO P4400.82_ Regulated/Controlled Item Management Manual
8. MCO P4790.1 MIMMS Introduction Manual
9. MCO P4790.2_ MIMMS Field Procedures Manual
10. MCO P4855.10 Product Quality Deficiency Report (PQDR)
11. MCO P5215.17_ Marine Corps Technical Publications System
12. MCRP 3-0A Unit Training Management Guide
13. MCRP 3-0B How to Conduct Training
14. MCWP 4-11.4 Maintenance Operations
15. PC MIMMS Tech Guide PC MIMMS Technical Guide
16. TI 4733-15 Calibration Requirements Test, Measurement and Diagnostic
17. TI 4733-15/1_ TMDE Calibration & Maintenance Program
18. TM 44-20-15/1 Marine Corps Order for PEI Stratification Process
19. TM 4700-15-1/H Marine Corps Equipment Forms and Records
20. UM 4400-123 FMF SASSY Management Unit Procedures
21. UM 4790-5 MIMMS AIS, Field Maintenance Procedures

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22. UN 4400-124 FMF SASSY Using Unit Procedures
 23. UNIT T/O&E Unit's Table of Organization and Equipment
 24. User's Manual Publications Library Management System
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LOG-OPS-3706: Conduct beach operations

SUPPORTED MET(S): None

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given personnel, equipment, landing craft, vessels, cargo, PPE, beach, DOD-ITV access.

STANDARD: To ensure supplies & equipment is loaded/offloaded in serviceable condition and 100% accountability.

REFERENCES:

1. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 2. MCRP 3-31B Amphibious Ships and Landing Craft
 3. MCRP 4-11.3 Transportation Operations
 4. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
 5. MCRP 4-11.3F Convoy Operations Handbook
 6. MCRP 4-11.3G Unit Embarkation Handbook
 7. MCRP 4-11C Combat Cargo Operations Handbook
 8. MCWP 3-31.5 Ship-to-Shore Movement
 9. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 10. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 11. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.3 Transportation Operations
 15. MCWP 4-12 Operational-Level Logistics
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LOG-OPS-3707: Conduct sea/port operations

SUPPORTED MET(S): None

EVALUATION-CODED: YES **SUSTAINMENT INTERVAL:** 12 months

CONDITION: Given personnel, equipment, landing craft, vessels, cargo, PPE, port, AIS, DOD-ITV access.

STANDARD: To ensure supplies & equipment is loaded/offloaded in serviceable condition and 100% accountability.

REFERENCES:

1. MCRP 3-31B Amphibious Ships and Landing Craft
2. MCRP 3-41.1A MAGTF Rear Area Security
3. MCRP 4-11.3 Transportation Operations
4. MCRP 4-11.3F Convoy Operations Handbook
5. MCRP 4-11.3G Unit Embarkation Handbook
6. MCRP 4-11C Combat Cargo Operations Handbook

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7. MCWP 3-31.5 Ship-to-Shore Movement
 8. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 9. MCWP 3-31B Amphibious Ships and Landing Craft Data Book
 10. MCWP 3-32 Maritime Pre-positioning Force (MPF) Operations
 11. MCWP 3-41.1 Rear Area Operations
 12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.3 Transportation Operations
 15. MCWP 4-12 Operational-Level Logistics
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CHAPTER 4

MOS 0402 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 4

MOS 0402 INDIVIDUAL EVENTS

4000. PURPOSE. This chapter contains individual training events for the Logistics Officer.

4001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0402, indicating that the event is for MOS 0402, Logistics Officer.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	Administration and Personnel	0402-ADMN-XXXX
MAIN	Maintenance Related Programs	0402-MAIN-XXXX
OPS	Operations	0402-OPS-XXXX
PLAN	Planning	0402-PLAN-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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4002. INDEX OF EVENTS

Event Code	Event	Page
1000-LEVEL EVENTS		
0402-ENG-1001	Coordinate general engineering support	4-4
0402-GEN-1002	Perform the general duties of a logistics officer	4-4
0402-HSS-1003	Coordinate health services support	4-6
0402-MNT-1004	Coordinate maintenance support	4-6
0402-OPS-1005	Perform the duties of a maintenance management officer	4-7
0402-OPS-1006	Perform the duties of an arms ammunition and explosives (AA&E) officer	4-8
0402-OPS-1007	Perform the duties of a motor transport officer	4-8
0402-OPS-1008	Perform the duties of a convoy commander	4-9
0402-OPS-1009	Perform the duties of a landing support platoon commander	4-10
0402-OPS-1010	Perform the duties of an armory officer	4-11
0402-OPS-1011	Establish a combat service support area (CSSA)	4-12
0402-OPS-1012	Supervise tactical logistics operations	4-13
0402-SUP-1013	Coordinate supply support	4-14
0402-SVC-1014	Coordinate services support	4-14
0402-TRAN-1015	Coordinate transportation support	4-15
2000-LEVEL EVENTS		
0402-ENG-2001	Plan general engineering support	4-17
0402-GEN-2002	Perform the general duties of an LCE operations officer	4-18
0402-HSS-2003	Plan health services support	4-19
0402-MNT-2004	Plan maintenance support	4-20
0402-OPS-2001	Perform a personnel jump from an aircraft	4-21
0402-OPS-2005	Coordinate a unit move	4-22
0402-OPS-2006	Manage unit training	4-23
0402-OPS-2007	Direct the Marine Corps Planning Process (MCP)	4-24
0402-OPS-2008	Plan amphibious operations	4-25
0402-SUP-2009	Plan supply support	4-26
0402-SVC-2010	Plan services support	4-27
0402-TRAN-2011	Plan transportation support	4-27

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4003. 1000-LEVEL EVENTS**0402-ENG-1001:** Coordinate general engineering support**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0402**GRADES:** 2NDLT, 1STLT, CAPT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a requirement, personnel, and equipment.**STANDARD:** To ensure engineering requirements are incorporated into the Combat Service Support (CSS) plan.**PERFORMANCE STEPS:**

1. Identify the sub-functions of general engineering.
2. Identify organic/non-organic general engineering capabilities.
3. Coordinate the employment of engineering assets.
4. Monitor general engineering operations.

REFERENCES:

1. MCWP 3-17 Engineer Operations
 2. MCWP 4-1 Logistics Operations
 3. MCWP 4-11.4 Commanders Guide to Maintenance
 4. MCWP 4-11.6 Bulk Liquid Operations
 5. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
-

0402-GEN-1002: Perform the general duties of a logistics officer**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0402**GRADES:** 2NDLT, 1STLT, CAPT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given the commander's guidance, mission, and resources.**STANDARD:** To provide oversight on the functional areas of logistics.**PERFORMANCE STEPS:**

1. Integrate the functional areas of logistics.
2. Review logistics related reports.
3. Prepare logistics reports.
4. Advise commander on logistics related matters.
5. Conduct logistics training.
6. Conduct inspections.

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7. Identify MAGTF/SE logistics agencies/capabilities.
8. Monitor supply levels.
9. Monitor equipment status.
10. Prepare standard operating procedures.
11. Review unit T/O&E.
12. Manage unit ammunition requirements.
13. Manage unit ammunition handling procedures.
14. Supervise an environmental compliance program.

CHAINED EVENTS:

LOG-OPS-4704

REFERENCES:

1. MCDP 4 Logistics
2. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property (Aug 94)
3. MCO 5100.8 Marine Corps Occupational Safety and Health (OSH) Policy Order (May 06)
4. MCO 8010.1 Class V(W) SUP FMF CBT OP
5. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
6. MCO P4790.2_ MIMMS Field Procedures Manual
7. MCO P8011.4 USMC T/A Class V (W) Material (Peacetime)
8. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
9. MCWP 4-1 Logistics Operations
10. MCWP 4-11 Tactical-Level Logistics
11. MCWP 4-11.3 Transportation Operations
12. MCWP 4-11.4 Commanders Guide to Maintenance
13. MCWP 4-12 Operational-Level Logistics
14. MCWP 5-1 Marine Corps Planning Process (MCP)
15. NAVSEA OP 5 VOL 2 Ammunition & Explosives Ashore Safety Regulation
16. NAVSEA OP 5 VOL 3 Storage of Ammunition at Advanced Bases
17. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
18. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
19. NAVSEA SWO20-AG-SAF-010 Navy Transportation Safety Handbook for Ammunition, Explosives and related Hazardous Materials
20. OPNAVINST 5530.13 Physical Security
21. SECNAVINST 5500.4 MLSR Reporting
22. TM 11240-15/4 Motor Transport Technical Characteristics
23. TM 11240-15/4B Motor Transport Technical Characteristics Manual
24. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
25. TM 4700-15-1/H Marine Corps Equipment Forms and Records
26. UM 4400-124 SASSY Using Unit Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Formal training is open to officers serving as operations officers for logistics orientated units in the other elements of the MAGTF type units.

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0402-HSS-1003: Coordinate health services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To integrate health services into the combat Service Support (CSS) plan.

PERFORMANCE STEPS:

1. Identify organic/non-organic Health Service Support (HSS) capabilities.
2. Integrate the five sub-functions of HSS into planning.
3. Identify requirements.
4. Identify levels of medical care.
5. Monitor unit medical/dental readiness.
6. Identify responsibilities of HSS personnel.
7. Monitor special health service programs.

CHAINED EVENTS:

LOG-OPS-4002

LOG-OPS-5001

REFERENCES:

1. JP 4-02 Doctrine for Health Service Support in Joint Operations
 2. MCO 6600.3 Dental Health Care Program
 3. MCRP 4-11.1D Field Hygiene and Sanitation
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.1 Health Service Support Operations
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0402-MNT-1004: Coordinate maintenance support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure maintenance support satisfies unit's mission.

PERFORMANCE STEPS:

1. Identify the eight sub-functions of maintenance.
2. Identify organic/non-organic maintenance capabilities.
3. Monitor maintenance related programs (e.g. corrosion control,

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- modifications etc.).
4. Conduct Operational Risk Management (ORM) for maintenance activities.
 5. Coordinate recovery operations.
 6. Identify/allocate maintenance resources.
 7. Validate maintenance resources/requirements.
 8. Reconcile with supporting agencies.
 9. Establish maintenance operational concepts (e.g. mobile contact/support teams etc.).
 10. Establish pre-expended bins (PEB).
 11. Establish internal management control programs.
 12. Advise commander on maintenance issues/capabilities.
 13. Manage hazardous materials and waste.

REFERENCES :

1. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 2. MCO P4400.150_ Consumer Level Supply Policy Manual
 3. MCO P4790.2_ MIMMS Field Procedures Manual
 4. MCWP 4-1 Logistics Operations
 5. MCWP 4-11 Tactical-Level Logistics
 6. MCWP 4-11.4 Maintenance Operations
 7. TM 4700-15-1/H Marine Corps Equipment Forms and Records
 8. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
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0402-OPS-1005: Perform the duties of a maintenance management officer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure the effective use of personnel, money, facilities, and material as applied to the maintenance of ground equipment is controlled.

PERFORMANCE STEPS:

1. Manage maintenance administration.
2. Manage personnel and training.
3. Manage records and reports.
4. Manage publications control.
5. Manage operational availability.
6. Manage maintenance operations.
7. Manage supply support.
8. Manage maintenance related programs.
9. Establish/review internal maintenance management policy.
10. Monitor unit equipment readiness.
11. Identify organic/non-organic maintenance capabilities.
12. Monitor the maintenance automated information systems.
13. Validate and monitor use of the Uniformed Materiel Management Issue and Priority System (UMMIPS).

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MOS PERFORMING: 0402

BILLETS: Company Commander, Motor Transport Officer, Platoon Commander

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure transportation support requirements are met.

PERFORMANCE STEPS:

1. Monitor the dispatching of equipment.
2. Supervise equipment readiness.
3. Identify equipment capabilities.
4. Manage forms/records.
5. Manage a licensing program.
6. Determine a unit's operator requirements.
7. Supervise maintenance management programs.
8. Supervise on vehicle equipment (OVE)/basic issue items (BII) procedures.
9. Supervise maintenance in accordance with capabilities.
10. Supervise convoy operations.
11. Manage training of organic personnel.
12. Manage hazardous materials and waste.
13. Manage transportation of ammunition and hazardous materials.

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
 2. MCWP 4-11 Tactical-Level Logistics
 3. MCWP 4-11.3 Transportation Operations
 4. MCWP 4-11.4 Commanders Guide to Maintenance
 5. TM 11240-15/4 Motor Transport Technical Characteristics
 6. TM 11240-15/4B Motor Transport Technical Characteristics Manual
 7. TM 11275-15/3D Principal Technical Characteristics of U.S. Marine Corps Engineer Equipment (May 02)
 8. TM 4700-15/1_ Ground Equipment Record Procedures
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0402-OPS-1008: Perform the duties of a convoy commander

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Company Commander, Motor Transport Officer, Platoon Commander

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure unit movement is completed to support the mission.

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PERFORMANCE STEPS:

1. Review intelligence reports.
2. Determine lift requirements.
3. Coordinate route reconnaissance.
4. Develop a movement plan.
5. Coordinate CAS/Medevac support procedures.
6. Direct loading operations.
7. Conduct a convoy commander's brief.
8. Conduct pre-combat actions, checks/inspections.
9. Direct the movement of the convoy.
10. Direct the defense of the convoy.
11. Supervise vehicle fording operations.
12. Supervise vehicle recovery operations.
13. Supervise field expedient repairs.
14. Supervise limited visibility driving operations.
15. Conduct mission debrief.
16. Prepare mission after-action brief.

REFERENCES:

1. FM 20-22 Vehicle Recovery Operations
2. FM 20-30 Battlefield Damage Assessment and Repair
3. FM 21-305 Manual Front Wheeled Vehicle Driver
4. FM 55-15 Transportation Reference Data
5. FM 55-30 Army Motor Transport Units and Operations
6. MCRP 4-11.3F Convoy Operations Handbook
7. MCRP 4-11.4A Battle Damage Assessment and Repair
8. NAVSEA OP 2239 Explosive Driver Handbook
9. TM 11-5855-238-10 AN/PVS 5, 5A, 5B, and 5C
10. TM 11-5855-262-10-2 AN/PVS 7
11. TM 11240-14/2 Logistic Consideration for Motor Transport Convoy Operations
12. VOM Vehicle Operator's Manual

0402-OPS-1009: Perform the duties of a landing support platoon commander

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Platoon Commander

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement to plan landing support and throughput operations.

STANDARD: To support the unit's mission and the Commander's concept of operations.

PERFORMANCE STEPS:

1. Supervise landing support operations.
2. Direct material handling and heavy equipment.

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3. Determine tactical logistics (TACLOG) control procedures.
4. Determine Landing Support control procedures.
5. Supervise beach operations group.
6. Supervise port operations Group.
7. Supervise A/DACG.
8. Supervise rail head operations group.
9. Supervise helicopter support team operations.
10. Coordinate with higher and supporting agencies.
11. Develop throughput process.
12. Coordinate ship to shore movement.
13. Coordinate movement control requirements.
14. Coordinate inspection requirements.
15. Supervise the establishment of the beach support area.
16. Conduct physical network analysis.
17. Identify port capabilities.

REFERENCES:

1. MCRP 4-11.3G Unit Embarkation Handbook
 2. MCWP 3-31.5 Ship-to-Shore Movement
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-11.3 Transportation Operations
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0402-OPS-1010: Perform the duties of an armory officer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Armory Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure compliance with established orders and procedures.

PERFORMANCE STEPS:

1. Verify unit ordnance allowance.
2. Determine armory storage requirements.
3. Supervise a weapons maintenance program for a unit.
4. Provide training for armory personnel.
5. Ensure compliance with AA&E security requirements.
6. Verify weapons accountability procedures.
7. Supervise field armory operations.

REFERENCES:

1. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property (Aug 94)
2. MCO 5100.8 Marine Corps Occupational Safety and Health (OSH) Policy Order (May 06)
3. MCO P4790.2_ MIMMS Field Procedures Manual

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4. OPNAVINST 5530.14 Physical Security and Loss Prevention
 5. SECNAVINST 5500.4 MLRS Reporting
 6. TI 8005-15/21B Small Arms Operator Manual
 7. UM 4400-124 SASSY Using Unit Procedures
-

0402-OPS-1011: Establish a combat service support area (CSSA)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event is scalable and includes the following sustainment nodes: FARP, LZSA, RRP, BSA, CSSA and the FCSSA.

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To sustain operations ashore.

PERFORMANCE STEPS:

1. Plan the management of subsistence.
2. Plan the management of bulk and packaged POLs.
3. Plan the management of ammunition.
4. Plan the management of health service support (HSS).
5. Plan the management of supply/maintenance.
6. Identify doctrinal Combat Service Support areas.
7. Identify procedures used to establish CSS areas.
8. Coordinate Security plan/requirements.
9. Coordinate the employment of military police.
10. Plan the management of enemy prisoners of war.
11. Plan the management of enemy detainees.
12. Plan the management of displaced persons/refugees.
13. Coordinate the Area Damage Control (ADC) effort.
14. Coordinate general engineering requirements.
15. Coordinate services.

REFERENCES:

1. FM 27-10 Law of Land Warfare
2. Geneva Convention of 1949 (III) Relative to the Treatment of Prisoners of War
3. Geneva Convention of 1949 (IV) Relative to the Protection of Civilian Persons in Time of War
4. MCO 3461.1 EPW, Retain, CI, and other Detainees
5. MCRP 3-41.1A MAGTF Rear Area Security
6. MCRP 4-11.1D Field Hygiene and Sanitation
7. MCWP 3-17 Engineer Operations
8. MCWP 3-21.1 Aviation Ground Support
9. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
10. MCWP 3-41.1 Rear Area Operations
11. MCWP 3.34.1 MPs in Support of the MAGTF

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12. MCWP 4-1 Logistics Operations
 13. MCWP 4-11 Tactical-Level Logistics
 14. MCWP 4-11.1 Health Service Support Operations
 15. MCWP 4-11.3 Transportation Operations
 16. MCWP 4-11.7 MAGTF Supply Operations
 17. MCWP 4-11.8 Services in an Expeditionary Environment
 18. MCWP 5-1 Marine Corps Planning Process (MCP)
-

0402-OPS-1012: Supervise tactical logistics operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

BILLETS: Assistant Operations Officer, Logistics Officer, Watch Officer

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure planning and oversight of tactical logistics functions to support mission requirements.

PERFORMANCE STEPS:

1. Support Marine Corps planning process (MCP).
2. Identify CSS capabilities/deficiencies.
3. Determine/forecast sustainment levels.
4. Determine a unit's resupply requirements.
5. Plan battlefield distribution operations.
6. Develop a concept of CSS.
7. Support development of logistics estimate, annexes, and orders.
8. Coordinate operations center procedures.
9. Establish battle rhythm.
10. Coordinate internal/external support requirements.
11. Monitor communications with HASS.
12. Coordinate aviation integration.
13. Monitor re-supply missions.
14. Analyze reports from HASS.
15. Monitor HASS logistics status reports.
16. Direct employment of CSS assets.
17. Monitor convoy operations.
18. Advise commander and higher headquarters.
19. Monitor common operational picture of logistics support (COP) utilizing C2 systems and AIS.

REFERENCES:

1. MCO P3000.18 Marine Corps Planner's Manual
2. MCWP 3-40.1 Marine Air-Ground Task Force Command and Control
3. MCWP 4-1 Logistics Operations

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4. MCWP 4-11 Tactical-Level Logistics
 5. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 6. OPNAVINST 5530.13 Physical Security
-

0402-SUP-1013: Coordinate supply support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402

GRADES: 2NDLT, 1STLT, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure supply support satisfies unit's mission.

PERFORMANCE STEPS:

1. Identify a unit's sustainment requirements.
2. Review applicable supply support documents.
3. Identify the role of the unit supply section.
4. Identify supply processes used in support of logistics.
5. Identify classes of supply.
6. Identify sources of supply.
7. Supervise supply accountability procedures.
8. Monitor a unit's budget requirements.
9. Monitor funds for the unit.
10. Review budget and previous unit spending.
11. Identify deficiencies/changes in the annual budget.
12. Participate in the preparation of the midyear review.
13. Participate in the preparation/execution of the annual budget.
14. Identify salvage requirements.
15. Identify disposal requirements.
16. Submit malfunction and defect reports.
17. Monitor base property requirements.

REFERENCES:

1. MCO 8010.1E Class V(W) Planning Factors for Fleet Marine Force Combat Operations
 2. MCO P10110.14 Food Service SOP
 3. MCO P4400.150_ Consumer Level Supply Policy Manual
 4. MCO P8011.4 USMC T/A Class V (W) Material (Peacetime)
 5. MCWP 4-11.7 MAGTF Supply Operations
 6. NAVMC 1017 Table of Authorized Materiel
 7. UM 4400-124 SASSY Using Unit Procedures
 8. UM 4400-15 Marine Corps User Manual (Organic Property Control)
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0402-SVC-1014: Coordinate services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

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MOS PERFORMING: 0402**GRADES:** 2NDLT, 1STLT, CAPT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a requirement, personnel, and equipment.**STANDARD:** To integrate services into the Combat Service Support (CSS) plan.**PERFORMANCE STEPS:**

1. Identify services support requirements.
2. Identify organic/non-organic capabilities.
3. Coordinate postal services.
4. Coordinate disbursing services.
5. Coordinate exchange services.
6. Coordinate mortuary affairs.
7. Coordinate legal services support.
8. Supervise the operation of a dining facility.
9. Supervise the operation of a field mess.

CHAINED EVENTS:

LOG-OPS-3005

LOG-OPS-4003

REFERENCES:

1. FM 10-64 Mortuary Affairs Operations
 2. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 3. MCO 5000.14 Marine Corps Administrative Procedures (MCAP)
 4. MCO 5726.15 Marine Corps Band Support of Community Relations
 5. MCO 7300.21A Marine Corps Financial Management Standard Operating Procedure Manual
 6. MCO P5800.16A Marine Corps Manual for Legal Administration (LEGADMINMAN)
 7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11.3 Transportation Operations
 9. MCWP 4-11.8 Services in an Expeditionary Environment
 10. MCWP 5-1 Marine Corps Planning Process (MCP)
 11. POM Postal Operations Manual
-

0402-TRAN-1015: Coordinate transportation support**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0402**GRADES:** 2NDLT, 1STLT, CAPT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a requirement, personnel, and equipment.**STANDARD:** To support the unit's mission and the Commanders concept of operations.

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PERFORMANCE STEPS:

1. Identify the seven functions of transportation.
2. Identify transportation requirements.
3. Coordinate movement planning.
4. Support deployment and distribution planning through the use of Automated Information Systems (AIS).
5. Coordinate with Distribution Management Office (DMO).
6. Coordinate with movement control agencies.
7. Identify organic/non-organic support capabilities.
8. Prepare equipment and cargo for embarkation.
9. Prepare hazmat and cargo for transportation.
10. Coordinate air delivery planning.
11. Supervise LFSP operations.
12. Supervise material handling.
13. Supervise rail head operations.
14. Supervise motor transport operations.

REFERENCES:

1. AAR American Association of Railroads
 2. ACART Applicable Commercial Airlift Rate Tables
 3. AMC (R) AMC Airlift Rates
 4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
 5. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
 6. MCO 4500.9 Defense Transportation Regulations
 7. MCO 4610.35 USMC Equipment Characteristics File
 8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 9. MCWP 5-1 Marine Corps Planning Process (MCPP)
 10. MDSS II HM MAGTF Deployment Support System, User's Help Manual
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4004. 2000-LEVEL EVENTS**0402-ENG-2001:** Plan general engineering support**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months

DESCRIPTION: General engineering comprises those engineer tasks that establish and maintain the infrastructure required to conduct and sustain military operations.

MOS PERFORMING: 0402, 1302, 3002**BILLETS:** Logistics Officer, Operations Officer, Plans Officer**GRADES:** CAPT, MAJ, LTCOL**INITIAL TRAINING SETTING:** FORMAL

CONDITION: Given higher's operations order, commanders guidance, resources, while operating in a joint, coalition, inter-agency environment, as part of a MAGTF, provided with supported unit requirements and given priorities of engineer effort.

STANDARD: To properly task and resource engineers to establish the infrastructure necessary to conduct and sustain MAGTF operations.

PERFORMANCE STEPS:

1. Identify engineer mission requirements.
2. Identify organic/non-organic general engineering capabilities.
3. Identify MAGTF engineer command and support relationships.
4. Identify employment considerations for general engineering.
5. Identify the prioritized engineer project list process.
6. Coordinate engineer shortfalls (TO&E).
7. Manage CL IV materials.
8. Integrate engineer planning products into the Marine Corps Planning Process (MCPPE).
9. Integrate engineer information into appropriate C2 systems and collaborative tools within the COC.

REFERENCES:

1. MCWP 3-17 Engineer Operations
2. MCWP 4-11 Tactical-Level Logistics
3. MCWP 5-1 Marine Corps Planning Process (MCPPE)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Will familiarize the student with engineer planning considerations in support of MAGTF operations, apply tactical logistics principles while planning general engineering support during MAGTF operations.

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0402-GEN-2002: Perform the general duties of an LCE operations officer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the commander's guidance, mission, and resources.

STANDARD: To provide oversight on the functional areas of logistics.

PERFORMANCE STEPS:

1. Direct a combat operations center (COC).
2. Establish a combat operations center (COC).
3. Direct the security and organization of the combat operations center (COC).
4. Monitor communications with higher, adjacent, supported and supporting units.
5. Establish a battle rhythm.
6. Establish watch section personnel training.
7. Direct product development in support of the operations section.
8. Determine forward, main and rear CP capabilities/requirements.
9. Establish forward, main and rear CP capabilities.
10. Transition control of operations to forward, main or rear combat operations center (COC) as required.
11. Supervise in-transit visibility asset tracking.
12. Supervise total asset visibility.
13. Employ Automated Information Systems (AIS) to Support Deployment and Distribution Planning.
14. Establish C2 and log AIS.
15. Supervise the use of C2 and log AIS.
16. Monitor common operational picture of logistics support (COP) utilizing C2 systems and AIS.
17. Coordinate cross boundary movement.
18. Monitor convoy operations.
19. Manage unit movement coordination center (UMCC) operations.
20. Coordinate aviation integration.
21. Direct the Marine Corps Planning Process (MCPD).
22. Determine logistics capabilities in Joint, interagency, NGO, Multi-national and Coalition environment.
23. Determine MAGTF logistics capabilities.
24. Incorporate Naval Logistics Integration into planning.
25. Determine Defense Logistics Agency capabilities.
26. Plan Battlefield Distribution Operations.
27. Plan Combat Service Support Operations across the range of military operations.
28. Plan logistics to support civil military operations.
29. Plan logistics to support HADR operations.
30. Plan logistics to support peacekeeping operations.

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31. Plan logistics to support defense support to civilian authorities.
32. Plan Support for Maritime Positioning Forces (MPF) Operations.
33. Identify cultural/regional effects on CSS Operations.
34. Coordinate non-organic support requirements.
35. Determine contracting requirements.
36. Understand the limitations/capabilities of a contingency contracting officer.
37. Coordinate force deployment planning and execution (FDP&E).
38. Coordinate reception staging onward movement and integration (RSO&I).
39. Coordinate reconstitution.

CHAINED EVENTS:

LOG-OPS-4002

LOG-OPS-5001

REFERENCES:

1. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
2. MCO 4400.16_ Uniform Material Movement and Issue Priority System
3. MCO 4400.194 Class VII Stock Rotation Program
4. MCO 4731.1A Oil Analysis Program for Ground Equipment (Nov 90)
5. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
6. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
7. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
8. MCO P4400.150_ Consumer Level Supply Policy Manual
9. MCO P4400.82_ Regulated/Controlled Item Management Manual
10. MCO P4790.2_ MIMMS Field Procedures Manual
11. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
12. MCWP 3-17 Engineer Operations
13. MCWP 4-1 Logistics Operations
14. MCWP 4-11 Tactical-Level Logistics
15. MCWP 4-11.4 Maintenance Operations
16. MCWP 4-11.7 MAGTF Supply Operations
17. MCWP 5-1 Marine Corps Planning Process (MCPP)
18. SL-3 MCSL Component listing
19. SL-4 Repair, Maintenance, and Management Lists
20. TI 4733-15 Calibration Requirements Test, Measurement and Diagnostic
21. TI 4733-15/1_ TMDE Calibration & Maintenance Program
22. TM 4700-15/1_ Ground Equipment Record Procedures
23. UM 4400-124 SASSY Using Unit Procedures
24. UM 4400-15 Marine Corps User Manual (Organic Property Control)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Apply tactical/operational logistics principles in support of MAGTF operations. Identify how the six functions of logistics support MAFTF operations.

0402-HSS-2003: Plan health services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

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BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure health services support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify health services support requirements.
2. Identify organic/non-organic health services support capabilities.
3. Coordinate health services support.
4. Identify casualty evacuation procedures.
5. Coordinate special programs.
6. Incorporate the appropriate level of care into the health service support plan.
7. Integrate health service support throughout the range of military operations.

REFERENCES:

1. JP 4-02 Doctrine for Health Service Support in Joint Operations
2. MCO 6600.3 Dental Health Care Program
3. MCRP 4-11.1D Field Hygiene and Sanitation
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.1 Health Service Support Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: To understand the functions, categories, and planning considerations of health service support. Apply tactical logistics principles while planning health service support during MAGTF operations.

0402-MNT-2004: Plan maintenance support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

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STANDARD: To ensure maintenance support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify maintenance requirements.
2. Identify maintenance capabilities.
3. Organize maintenance support to sustain scheme of maneuver.
4. Direct maintenance actions.
5. Monitor equipment readiness.
6. Monitor equipment reporting.
7. Coordinate intermediate maintenance support.
8. Identify field service representative capabilities/requirements.
9. Coordinate vehicle recovery operations.
10. Coordinate principal end item (PEI) rotation plan.

REFERENCES:

1. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
2. MCO 4400.194 Class VII Stock Rotation Program
3. MCO 4731.1A Oil Analysis Program for Ground Equipment (Nov 90)
4. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
5. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
6. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
7. MCO P4400.150_ Consumer Level Supply Policy Manual
8. MCO P4400.82_ Regulated/Controlled Item Management Manual
9. MCO P4790.2_ MIMMS Field Procedures Manual
10. MCO P5090.2A Environmental Compliance and Protection Manual (Jul 98)
11. MCWP 4-11.4 Maintenance Operations
12. SL-1-3 Index of Authorized Publication for Equipment Support
13. SL-4 Repair, Maintenance, and Management Lists
14. TI 4733-15 Calibration Requirements Test, Measurement and Diagnostic
15. TI 4733-15/1_ TMDE Calibration & Maintenance Program
16. TM 4700-15/1_ Ground Equipment Record Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: As one of the six functions of tactical logistics; identify how planning maintenance sustains MAGTF operations.

0402-OPS-2001: Perform a personnel jump from an aircraft

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0402, 0405

BILLETS: Air Delivery Officer, Assistant Operations Officer, Commanding Officer, Company Commander, Drop Zone Safety Officer, Executive Officer, Logistics Officer, MFF Jumpmaster, Operations Officer, Parachute Safety Officer, Platoon Commander

GRADES: 2NDLT, 1STLT, CAPT, MAJ, LTCOL

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft, drop-zone support team, and parachute system

STANDARD: Providing leadership oversight.

PERFORMANCE STEPS:

1. Attend jumpmaster brief.
2. Conduct pre-jump training.
3. Execute operational phase.
4. Execute recovery phase.
5. Attend debrief.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
3. TM 70244A-OI USMC Freefall Ops & Techniques

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This is taught at CID A030CG1 Basic Airborne Course, Fort Benning, Georgia and CID: M50KLD1 Multi-Mission Parachute Course (MMPC) Coolidge, Arizona.

0402-OPS-2005: Coordinate a unit move

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event will cover operational deployments or deployments for training.

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement to deploy across the range of military operations (ROMO).

STANDARD: To ensure units arrive mission capable in an area of operations.

PERFORMANCE STEPS:

1. Review the ConOps of the OpOrd to determine support requirement.
2. Determine lift requirements.
3. Formulate the embarkation plan.
4. Coordinate reception staging onward movement and integration (RSO&I).
5. Ensure equipment and cargo is prepared/certified for embarkation.
6. Coordinate with movement control organizations.

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7. Supervise the submission of transportation requirements to higher headquarters.
8. Ensure movement training of unit personnel is conducted for deployment.
9. Ensure personnel are trained/certified for the submission of AIS products.
10. Supervise the submission of AIS data.
11. Track INTRA/INTER theater movement.
12. Disseminate a movement schedule to the appropriate units.
13. Supervise the movement.

REFERENCES :

1. AAR American Association of Railroads
2. ACART Applicable Commercial Airlift Rate Tables
3. AMC (R) AMC Airlift Rates
4. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
5. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
6. MCO 4500.9 Defense Transportation Regulations
7. MCO 4610.35 USMC Equipment Characteristics File
8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
9. MCWP 5-1 Marine Corps Planning Process (MCP)P)
10. MDSS II MAGTF Deployment Support System

MISCELLANEOUS :

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Marines will be educated on the Systems Approach to Training with respect to unit planning so that each understands his or her role in the training process.

0402-OPS-2006: Manage unit training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit, commander's guidance, METL, T&R Manuals, required external support and equipment, and references.

STANDARD: To ensure units are prepared to deploy globally in support of combatant commanders requirements.

PERFORMANCE STEPS:

1. Analyze Higher Headquarters' Mission Essential Task List (METL) in order to determine subordinate units' tasks.
2. Derive tasks from higher headquarters' Mission Essential Task List and translate into subordinate units' METs.
3. Identify core METs from associated T&R Manuals.
4. Develop training that supports subordinate units' METs.
5. Determine and procure requirements that support the training plan.

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6. Use developed METs to determine the training tasks.
7. Identify and request the required resources.
8. Prepare a training concept.
9. Define the training objectives.
10. Review lessons learned/after action reports.
11. Integrate logistical support and C2 into training plan.
12. Incorporate ORM into the training plan.
13. Conduct the instruction.
14. Prepare combat standard operating procedures.
15. Prepare and prioritize mission specific requirements.
16. Create a battalion/regimental pre-deployment training plan.
17. Execute training, evaluation, and remediation.
18. Evaluate training IAW appropriate T&R manual.
19. Plan for remediation as required.
20. Update individual training records.
21. Provide inputs and oversight of the DRRS report.
22. Develop and implement validation of combat standard operation procedures.
23. Supervise the remediation plans.
24. Produce lessons learned/after action report.

REFERENCES :

1. MCO 1553.3A Unit Training Management (UTM) (Jan 04)
 2. MCRP 3-0A Unit Training Management Guide
 3. MCRP 3-0B How to Conduct Training
-

0402-OPS-2007: Direct the Marine Corps Planning Process (MCP)**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0402, 1302, 3002**BILLETS:** Logistics Officer, Operations Officer, Plans Officer**GRADES:** CAPT, MAJ, LTCOL**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.**STANDARD:** Produce plans and orders which support the accomplishment of the mission and commander's intent.**PERFORMANCE STEPS:**

1. Conduct problem framing.
2. Develop courses of action.
3. Wargame courses of action.
4. Compare and recommend courses of action.
5. Develop orders.
6. Execute transition.

REFERENCES :

1. JP 0-2 Unified Action Armed Forces (UNAAF)

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2. JP 5-0 Doctrine for Planning Joint Operations
3. MCDP-5 Planning
4. MCWP 5-1 Marine Corps Planning Process (MCP)P)
5. MSTP PAM 4-0.2 A Logistics Planner's Guide
6. MSTP PAM 5-0.2 Operational Planning Team Guide
7. NAVMC/MCO 3000.18 Marine Corps Planner's Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Operational Planning Team (OPT). To be able to lead a staff or Operational Planning Team (OPT) in the conduct of the Marine Corps Planning Process.

0402-OPS-2008: Plan amphibious operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, the commander's guidance, mission, resources an amphibious operation, operations order, and landing plan.

STANDARD: To support MAGTF amphibious operations IAW the landing plan and concept of operations.

PERFORMANCE STEPS:

1. Identify the concept of amphibious operations.
2. Participate in the planning process for amphibious operations.
3. Publish required planning documentation.
4. Determine embarkation responsibilities.
5. Determine command and control for amphibious operations.
6. Establish a TACLOG.
7. Organize C4I for amphibious operations.
8. Determine logistics planning considerations.
9. Monitor CSS requests for ship-to-shore movement.
10. Coordinate ship-to-shore movement.
11. Determine ship-to-shore sustainment movement control requirements.
12. Monitor ship-to-shore movement.
13. Monitor the requested support movement ashore.

REFERENCES:

1. JP 3-02 (MLSO) MAGTF Landing Support Ops
2. JP 3-02.1 Landing Force Operations
3. JP 3-02.2 Joint Doctrine for Amphibious Embarkation

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MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: The intent is to initiate the shaping of the students' understanding of tactical-level logistics, how the functions inter-relate, and how Logistics affects, and is affected by amphibious operations.

0402-SUP-2009: Plan supply support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure supply support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify requirements.
2. Identify organic/non-organic supply support capabilities/limitations.
3. Develop an operational deployment block in support of MAGTF operations.
4. Plan initial and sustainment supply requirements.
5. Facilitate MAGTF Distribution Management Operations (DMO).
6. Identify organic distribution capabilities/limitations.
7. Determine reporting requirements.
8. Maintain MAGTF equipment accountability.
9. Manage a unit's budget.
10. Determine contracting support requirements.
11. Plan for aviation peculiar ground logistics supply support.

REFERENCES:

1. MCO 4400.16_ Uniform Material Movement and Issue Priority System
2. MCO P4400.150_ Consumer Level Supply Policy Manual
3. MCO P4790.2_ MIMMS Field Procedures Manual
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11 Tactical-Level Logistics
6. MCWP 4-11.7 MAGTF Supply Operations
7. UM 4400-124 SASSY Using Unit Procedures
8. UM 4400-15 Marine Corps User Manual (Organic Property Control)

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: As one of the six functions of tactical logistics; identify how planning ground supply sustains MAGTF operations.

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0402-SVC-2010: Plan services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure services support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify combat service support services capabilities.
2. Identify command services capabilities.
3. Identify the requirement for combat service support services.
4. Identify the requirement for command services.
5. Coordinate/plan the employment of combat service support services.

REFERENCES:

1. FM 10-64 Mortuary Affairs Operations
2. FMFM 4-1 Combat Service Support Operations (PCN 13900027300)
3. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
4. MCO 5000.14 Marine Corps Administrative Procedures (MCAP)
5. MCO 5726.15 Marine Corps Band Support of Community Relations
6. MCO 7300.21A Marine Corps Financial Management Standard Operating Procedure Manual
7. MCO P1700.27B Marine Corps Community Services Policy Manual
8. MCO P5000.18B Marine Corps Band Manual
9. MCO P5800.16A Marine Corps Manual for Legal Administration (LEGADMINMAN)
10. MCRP 3-33.1A Civil Affairs Operations
11. MCRP 4-11.3F Convoy Operations Handbook
12. MCWP 4-11.8 Services in an Expeditionary Environment
13. MCWP 5-1 Marine Corps Planning Process (MCPP)
14. MCWP 6-12 Religious Ministry Support in the Marine Corps
15. POM Postal Operations Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Apply tactical logistics principles while planning services support during MAGTF operations.

0402-TRAN-2011: Plan transportation support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

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MOS PERFORMING: 0402, 1302, 3002

BILLETS: Logistics Officer, Operations Officer, Plans Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure transportation support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify transportation requirements.
2. Identify organic/non-organic transportation capabilities.
3. Coordinate force deployment planning and execution (FDP&E).
4. Validate Time phase force deployment data (TPFDD) products.
5. Coordinate movement planning.
6. Coordinate with movement control agencies.
7. Coordinate landing force support party (LFSP) operations.
8. Coordinate landing support operations.
9. Coordinate air delivery operations.
10. Coordinate helicopter support operations.
11. Coordinate beach operations.
12. Coordinate port operations.
13. Coordinate rail head operations.
14. Coordinate arrival/departure airfield control group operation.
15. Plan/coordinate convoy operations.
16. Direct motor transport operations.
17. Coordinate MHE support operations.
18. Review the operation order.
19. Formulate the embarkation plan.
20. Validate and prioritize unit's TEEP & operational requirements.
21. Ensure equipment and cargo is certified for embarkation.
22. Ensure HazMat is properly identified and documented for movement.
23. Ensure personnel are trained to use the current transportation AIS.
24. Track a unit move by INTRA/INTER theater assets.
25. Identify movement control organizations.
26. Support deployment and distribution planning through the use of AIS.
27. Review the ConOps of the OpOrd to determine support requirement.
28. Identify US TransComm (Strategic Mobility) concept (AMLOC).
29. Forecast lift requirements.
30. Provide input regarding Force Deployment Planning and Execution.
31. Prepare requests for transportation.
32. Submit transportation requirements to higher headquarters.
33. Disseminate a movement schedule to the appropriate units.
34. Supervise embarkation/movement staging area Support MPF operations.

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
2. MCWP 4-1 Logistics Operations
3. MCWP 4-11 Tactical-Level Logistics

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4. MCWP 4-11.3 Transportation Operations
5. MCWP 4-11.4 Maintenance Operations
6. TM 11240-14/2 Logistic Consideration for Motor Transport Convoy Operations
7. TM 11240-15/4 Motor Transport Technical Characteristics
8. TM 11240-15/4B Motor Transport Technical Characteristics Manual
9. TM 4700-15/1_ Ground Equipment Record Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Apply tactical logistics principles while planning transportation support during MAGTF operations. Identify how the function of tactical logistics supports MAFTF operations.

LOG T&R MANUAL

CHAPTER 5

MOS 0405 INDIVIDUAL EVENTS

This chapter remains as a placeholder for future use. The 0405 Aerial Delivery Officer Military Occupational Specialty (MOS) was recently converted from a Skills Designator. Training events will be developed for this MOS in the future.

LOG T&R MANUAL

CHAPTER 6

MOS 0407 INDIVIDUAL EVENTS

This chapter remains as a placeholder for future use. The 0407 Personnel Retrieval and Processing Officer Military Occupational Specialty (MOS) was recently converted to a Logistics specialty. Training events will be developed for this MOS in the future.

LOG T&R MANUAL

CHAPTER 7

MOS 0411 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 7

MOS 0411 INDIVIDUAL EVENTS

7000. PURPOSE. This chapter contains individual training events for the Maintenance Management Specialist.

7001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0411, indicating that the event is for MOS 0411, Maintenance Management Specialist.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	administration and Personnel	0411-ADMN-XXXX
OPS	operations	0411-OPS-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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7002. INDEX OF EVENTS

Event Code	Event	Page
1000-LEVEL		
0411-ADMN-1401	Maintain maintenance administration policies/procedures	7-4
0411-ADMN-1402	Maintain billet reference material	7-4
0411-ADMN-1403	Maintain publication control management systems	7-5
0411-OPS-1401	Maintain equipment maintenance resource records/forms	7-6
0411-OPS-1402	Perform functions of the maintenance automated information systems (MAIS)	7-7
0411-OPS-1403	Review maintenance automated information systems (MAIS) data	7-8
0411-OPS-1404	Conduct maintenance management related training	7-8
0411-OPS-1405	Reconcile maintenance operations requirements	7-9
0411-OPS-1406	Administer internal management control procedures	7-10
0411-OPS-1407	Validate maintenance resource requirements	7-11
0411-OPS-1408	Track equipment maintenance production reporting	7-12
2000-LEVEL		
0411-ADMN-2401	Implement maintenance policy/procedures	7-13
0411-ADMN-2402	Coordinate technical publication requirements	7-14
0411-OPS-2401	Manage maintenance related programs	7-14
0411-OPS-2402	Monitor the operation of maintenance automated information systems (MAIS) functions	7-15
0411-OPS-2403	Audit maintenance/supply resource records/forms/systems	7-16
0411-OPS-2404	Monitor maintenance production cycle requirements	7-17
0411-OPS-2405	Conduct maintenance/supply operations continuous process improvement (CPI) assessments	7-19
0411-OPS-2406	Monitor supply support requirements	7-20
0411-OPS-2407	Conduct equipment condition reporting assessment	7-21

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7003. 1000-LEVEL EVENTS**0411-ADMN-1401:** Maintain maintenance administration policies/procedures**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**BILLETS:** Maintenance Management Specialist**GRADES:** PVT, PFC, LCPL, CPL, SGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given maintenance management directives and maintenance related inspection checklist.**STANDARD:** To maintain an up-to-date maintenance management program.**PERFORMANCE STEPS:**

1. Review all policy letters.
2. Review all orders/directives.
3. Prepare maintenance management correspondence.
4. Maintain maintenance management correspondence/files.
5. Maintain appropriate maintenance management related inspection checklists.
6. Maintain a maintenance management office/section library.

REFERENCES:

1. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 2. MCO 5210.11_ Marine Corps Records Management Program
 3. MCO 5215.1_ Marine Corps Directives Management Program
 4. MCO 5216.20_ HQMC Supplement to the Department of the Navy (DON) Correspondence Manual
 5. MCO 5311.1_ Total Force Structure Process (TFSP)
 6. MCO 5600.31_ Marine Corps Printing and Publishing Regulations
 7. MCO P4790.1 MIMMS Introduction Manual
 8. MCO P4790.2_ MIMMS Field Procedures Manual
 9. MCWP 4-11.4 Maintenance Operations
 10. SECNAV M-5210.2 Department of the Navy Standard Subject Identification Code (SSIC) Manual
 11. SECNAV M-5216.5 Department of the Navy Correspondence Manual
 12. UNIT T/O&E Unit's Table of Organization and Equipment
-

0411-ADMN-1402: Maintain billet reference material**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 1 month**DESCRIPTION:** This task encompasses the maintenance of Desktop Procedures, Turnover Folder and Maintenance Management Standing Operating Procedures.**BILLETS:** Maintenance Management Specialist**GRADES:** PVT, PFC, LCPL, CPL, SGT

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement to maintain a maintenance management program.

STANDARD: To establish billet duties, responsibilities and functional procedures to sustain operational capability.

PERFORMANCE STEPS:

1. Determine requirements for desktop procedures.
2. Determine requirements for turnover folders.
3. Determine requirements for Maintenance Management Standing Operating Procedures (MMSOP).
4. Assist commodity/section maintenance personnel with establishing appropriate desktop procedures or turnover folders.
5. Develop appropriate desktop procedures or turnover folders.
6. Maintain appropriate desktop procedures or turnover folders.

REFERENCES:

1. MCO 5216.20_ HQMC Supplement to the Department of the Navy (DON) Correspondence Manual
 2. MCO P4790.2_ MIMMS Field Procedures Manual
 3. SECNAV M-5216.5 Department of the Navy Correspondence Manual
-

0411-ADMN-1403: Maintain publication control management systems

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, computer access, publication management systems, and a units TO&E.

STANDARD: To ensure the most current information is available to unit's equipment operator and maintenance support personnel.

PERFORMANCE STEPS:

1. Reconcile the unit's TO
2. Conduct on-hand publications inventory.
3. Submit deficiencies/discrepancies to the unit's Directives Control Point (DCP).
4. Update publication management systems.
5. Create an Internal Distribution Listing (IDL).
6. Incorporate changes to publications.
7. Dispose of excess/superseded publications.
8. Recommend changes to publications.
9. Monitor the submission of recommended publication changes.

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CHAINED EVENTS:

LOG-OPS-3005

LOG-OPS-4003

REFERENCES:

1. MCO 5210.11_ Marine Corps Records Management Program
2. MCO 5215.1_ Marine Corps Directives Management Program
3. MCO P4790.2_ MIMMS Field Procedures Manual
4. MCO P5215.17_ Marine Corps Technical Publications System
5. SI 5600 SERIES Cancellations, Marine Corps Technical Publications
6. SL-1-2 Index of Authorized Publication for Equipment Support
7. SL-1-3 Index of Authorized Publication for Equipment Support
8. TM 4700-15/1_ Ground Equipment Record Procedures
9. UM-MCPDS 5605 Marine Corps Publications Distribution System
10. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual
11. UNIT T/O&E Unit's Table of Organization and Equipment

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Internet access, Public Key Infrastructure/Common Access Card (PKI/CAC) credentials and appropriate role assignment in the Marine Corps' Total Force Structure Management System (TFSMS), is required to extract required unit information to effectively conduct this performance based task. If no access to TFSMS is granted, the mastery of this task is anticipated to be degraded.

0411-OPS-1401: Maintain equipment maintenance resource records/forms

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment, a computer, network access, and required equipment records/forms.

STANDARD: To process, record and document the accurate status of equipment.

PERFORMANCE STEPS:

1. Extract the information for equipment resource records/forms.
2. Complete equipment resource records/forms.
3. Audit the accuracy of maintenance resource records/forms data.
4. Conduct the disposition of resource records/forms.

CHAINED EVENTS:

LOG-OPS-3005

LOG-OPS-4003

REFERENCES:

1. FLIS Federal Logistics Information Systems

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2. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 3. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 5. MCO P4790.1 MIMMS Introduction Manual
 6. MCO P4790.2_ MIMMS Field Procedures Manual
 7. PC MIMMS Tech Guide PC MIMMS Technical Guide
 8. TM Equipment Technical Manual
 9. TM 4700-15/1_ Ground Equipment Record Procedures
 10. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
-

0411-OPS-1402: Perform functions of the maintenance automated information systems (MAIS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, applicable references, a computer, and network access.

STANDARD: To identify, report and document equipment maintenance requirements and operational capabilities.

PERFORMANCE STEPS:

1. Determine the supporting MAIS program.
2. Obtain access to the supporting MAIS program.
3. Input/extract MAIS data.
4. Process MAIS data.
5. Distribute MAIS data.
6. Identify MAIS maintenance and readiness transaction errors.
7. Submit MAIS program/application processing errors.
8. Conduct MAIS related training.

CHAINED EVENTS:

LOG-OPS-3002

LOG-OPS-4003

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
 2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 3. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
 4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 5. MCO P4790.2_ MIMMS Field Procedures Manual
 6. PC MIMMS Tech Guide PC MIMMS Technical Guide
 7. TM 4700-15/1_ Ground Equipment Record Procedures
 8. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
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0411-OPS-1403: Review maintenance automated information systems (MAIS) data

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, applicable references, computer, and network access.

STANDARD: To provide accurate equipment operational availability/capability status.

PERFORMANCE STEPS:

1. Retrieve MAIS data.
2. Validate MAIS data.
3. Assess trends and discrepancies.
4. Administer corrective actions.
5. Prepare data for debrief.
6. Conduct disposition of data.

CHAINED EVENTS:

LOG-OPS-4003

LOG-OPS-3005

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
3. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
5. MCO P4790.2_ MIMMS Field Procedures Manual
6. PC MIMMS Tech Guide PC MIMMS Technical Guide
7. TM 4700-15/1_ Ground Equipment Record Procedures
8. UM 4790-5 MIMMS AIS, Field Maintenance Procedures

0411-OPS-1404: Conduct maintenance management related training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel and references.

STANDARD: To maintain efficiency and effectiveness of a unit's maintenance management program.

PERFORMANCE STEPS:

1. Assess training deficiencies.
2. Obtain required training materials.
3. Administer the training.
4. Document attendance.
5. Record/report the training.
6. Evaluate training.

REFERENCES:

1. MCO 1553.3_ Unit Training Management (UTM)
2. MCO P4790.2_ MIMMS Field Procedures Manual
3. MCRP 3-0A Unit Training Management Guide
4. MCRP 3-0B How to Conduct Training
5. SAT Manual U. S. Marine Corps Systems Approach to Training (SAT) Manual

0411-OPS-1405: Reconcile maintenance operations requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the resources, a computer, network access, MAIS reports, forms and records.

STANDARD: To determine the requirements in support of the unit's mission.

PERFORMANCE STEPS:

1. Complete validation procedures.
2. Review maintenance resource records, forms and reports.
3. Compare authorized stockage levels to pending requirements.
4. Determine procedures to accurately account for received items/supplies.
5. Reconcile actual equipment condition to maintenance automated information systems (MAIS) reports.
6. Review maintenance automated information systems (MAIS) reports.
7. Review pending requirements.
8. Determine external/sustainment support requirements.
9. Document reconciliation actions.
10. Initiate maintenance resource deficiencies.
11. Submit follow-up actions.

CHAINED EVENTS:

LOG-OPS-4003

LOG-OPS-3002

LOG-OPS-3005

REFERENCES:

1. DLA Handbook DLA Handbook
2. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
4. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)

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5. MCO 4400.120_ Joint Regulation Governing the Use and Application of Uniform Source Maintenance and Recoverability Codes
6. MCO 4400.16_ Uniform Material Movement and Issue Priority System
7. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
8. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
9. MCO P4400.150_ Consumer Level Supply Policy Manual
10. MCO P4400.82_ Regulated/Controlled Item Management Manual
11. MCO P4790.2_ MIMMS Field Procedures Manual
12. MCWP 4-11.4 Maintenance Operations
13. PC MIMMS Tech Guide PC MIMMS Technical Guide
14. TI 4733 SERIES Calibration and TMDE Requirements and Programs
15. TI 4733-15 Calibration Requirements Test, Measurement and Diagnostic
16. TI 4733-15/1_ TMDE Calibration & Maintenance Program
17. TM 4700-15/1_ Ground Equipment Record Procedures
18. UM 4400-123 FMF SASSY Management Unit Procedures
19. UM 4400-124 SASSY Using Unit Procedures
20. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
21. UNIT T/O&E Unit's Table of Organization and Equipment

0411-OPS-1406: Administer internal management control procedures

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, references, equipment, AIS reports, records and forms.

STANDARD: To ensure use of personnel, money, facilities, and materiel as applied to the maintenance of ground equipment is controlled.

PERFORMANCE STEPS:

1. Assist in inspection programs.
2. Coordinate training requirements.
3. Collect supporting documentation.
4. Evaluate policies/procedures.
5. Advise maintenance officers/commodity managers.
6. Conduct periodic physical equipment inventory review.

CHAINED EVENTS:

LOG-OPS-4003

LOG-OPS-3005

REFERENCES:

1. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
2. MCO P4400.150_ Consumer Level Supply Policy Manual
3. MCO P4790.1 MIMMS Introduction Manual
4. MCO P4790.2_ MIMMS Field Procedures Manual
5. MCWP 4-11.4 Maintenance Operations

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6. SL-1-2 Index of Authorized Publication for Equipment Support
 7. SL-1-3 Index of Authorized Publication for Equipment Support
 8. SL-3 MCSL Component listing
 9. SL-6 MCSL Applications List
 10. TM Equipment Technical Manual
 11. TM 4700-15/1_ Ground Equipment Record Procedures
 12. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 13. UNIT T/O&E Unit's Table of Organization and Equipment
 14. US ARMY Supply Catalog
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0411-OPS-1407: Validate maintenance resource requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement, a computer, network access, MAIS reports, equipment maintenance resource records, forms and reports.

STANDARD: To ensure unit possesses required resources and capabilities.

PERFORMANCE STEPS:

1. Confirm authorized level of maintenance.
2. Confirm Table of Equipment (T/E) allocations.
3. Determine types of equipment allowances.
4. Determine maintenance personnel availability.
5. Confirm classes of supply required.
6. Determine supporting tools and equipment.
7. Assess facility allocation and use.
8. Confirm publication support requirements.
9. Determine maintenance budgeting requirements.
10. Conduct maintenance reconciliation procedures.

CHAINED EVENTS:

LOG-OPS-4003

LOG-OPS-3002

LOG-OPS-3005

REFERENCES:

1. DLA Handbook DLA Handbook
2. FED LOG Federal Logistics Data <https://www.dlis.dla.mil/fedlog/default.asp>
3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
4. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
5. MCO 4400.16_ Uniform Material Movement and Issue Priority System
6. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
7. MCO P4400.150_ Consumer Level Supply Policy Manual
8. MCO P4400.82_ Regulated/Controlled Item Management Manual
9. MCO P4790.2_ MIMMS Field Procedures Manual
10. MCWP 4-11.4 Maintenance Operations

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11. TM 4700-15-1/H Marine Corps Equipment Forms and Records
 12. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 13. UNIT T/O&E Unit's Table of Organization and Equipment
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0411-OPS-1408: Track equipment maintenance production reporting

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the appropriate resources and guidance, MAIS access, maintenance resource records, forms, reports and training schedules.

STANDARD: To report unit's equipment operational status condition.

PERFORMANCE STEPS:

1. Validate scheduled/unscheduled maintenance production function procedures.
2. Monitor equipment through the maintenance phases.
3. Coordinate equipment induction in maintenance related program.
4. Monitor the application/installation of repair parts/supplies.
5. Conduct resource availability for technical information research.
6. Monitor readiness reporting of equipment.
7. Coordinate with internal/external support activities/agencies.
8. Assess compliance of maintenance production procedures.

CHAINED EVENTS:

LOG-OPS-4003

LOG-OPS-3002

LOG-OPS-3005

REFERENCES:

1. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 2. MCO 4400.16_ Uniform Material Movement and Issue Priority System
 3. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
 4. MCO P4400.150_ Consumer Level Supply Policy Manual
 5. MCO P4400.82_ Regulated/Controlled Item Management Manual
 6. MCO P4790.1 MIMMS Introduction Manual
 7. MCO P4790.2_ MIMMS Field Procedures Manual
 8. MCWP 4-11.4 Maintenance Operations
 9. TM 4700-15-1/H Marine Corps Equipment Forms and Records
 10. UM 4400-123 FMF SASSY Management Unit Procedures
 11. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 12. UN 4400-124 FMF SASSY Using Unit Procedures
 13. UNIT T/O&E Unit's Table of Organization and Equipment
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7004. 2000-LEVEL EVENTS**0411-ADMN-2401:** Implement maintenance policy/procedures**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**BILLETS:** Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist**GRADES:** CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given the requirement, policy, directive, commander's guidance, and maintenance related checklist.**STANDARD:** To maintain an up-to-date maintenance management program.**PERFORMANCE STEPS:**

1. Direct policies/directives from higher headquarters.
2. Prepare maintenance management related correspondence, files/reports.
3. Maintain a maintenance management office correspondence file.
4. Obtain appropriate maintenance management/maintenance related inspection checklists.
5. Maintain inspection results.
6. Inspect subordinate level maintenance policies/procedures.

REFERENCES:

1. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
 2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
 3. MCO 4000.57_ Marine Corps Total Life Cycle Management (TLCM) of Ground Weapons Equipment and Material
 4. MCO 4105.2_ Marine Corps Warranty Program
 5. MCO 4400.194 Class VII Stock Rotation Program
 6. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
 7. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
 8. MCO 5210.11_ Marine Corps Records Management Program
 9. MCO 5215.1_ Marine Corps Directives Management Program
 10. MCO 5216.20_ HQMC Supplement to the Department of the Navy (DON) Correspondence Manual
 11. MCO 5600.31_ Marine Corps Printing and Publishing Regulations
 12. MCO P4400.150_ Consumer Level Supply Policy Manual
 13. MCO P4400.82_ Regulated/Controlled Item Management Manual
 14. MCO P4790.1 MIMMS Introduction Manual
 15. MCO P4790.2_ MIMMS Field Procedures Manual
 16. MCWP 4-11.4 Maintenance Operations
 17. SECNAV M-5210.2 Department of the Navy Standard Subject Identification Code (SSIC) Manual
 18. SECNAV M-5216.5 Department of the Navy Correspondence Manual
 19. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures
 20. UNIT T/O&E Unit's Table of Organization and Equipment
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0411-ADMN-2402: Coordinate technical publication requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given access to Publications Library Management System (PLMS), Total Force Structure Management System (TFSMS), and the unit's Publication Listing (PL).

STANDARD: To ensure required technical publications are available to support the unit's maintenance and operation effort.

PERFORMANCE STEPS:

1. Perform TO&E review.
2. Schedule Publication Listing (PL) reviews.
3. Confirm publication requirements.
4. Monitor Back Order Validation (BOV) process.
5. Document the output of the review process.
6. Record the finding of the review.
7. Monitor the internal distribution process.

REFERENCES:

1. MCO 5215.1_ Marine Corps Directives Management Program
 2. MCO P4790.2_ MIMMS Field Procedures Manual
 3. MCO P5215.17_ Marine Corps Technical Publications System
 4. MCO P5600.31_ Marine Corps Publication and Printing Regulations
 5. SI 5600 SERIES Cancellations, Marine Corps Technical Publications
 6. SL-1-2 Index of Authorized Publication for Equipment Support
 7. SL-1-3 Index of Authorized Publication for Equipment Support
 8. UM-MCPDS 5605 Marine Corps Publications Distribution System
 9. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual
 10. UNIT T/O&E Unit's Table of Organization and Equipment
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0411-OPS-2401: Manage maintenance related programs

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement and resources.

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STANDARD: To support equipment Total Lifecycle Systems Management (TLCSM).

PERFORMANCE STEPS:

1. Participate in Enterprise Lifecycle Maintenance Planning (ELMP).
2. Execute requirements for Depot Level Maintenance Program (DLMP).
3. Facilitate requirements for Corrosion, Prevention and Control (CPAC).
4. Synchronize Contractor Logistics Support (CLS).
5. Facilitate requirements to support Administrative Deadline/Storage Program.
6. Coordinate maintenance inspection programs.
7. Facilitate requirements for Materiel Returns Program (MRP).
8. Track Recoverable Items Program (WIR).
9. Monitor Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP).
10. Coordinate warranty program.
11. Monitor quality control/assurance program.
12. Track configuration management programs.
13. Participate in prepositioning programs support.
14. Facilitate principle end item (PEI) rotation program requirement.
15. Facilitate Performance Based Logistics (PBL) requirements.

CHAINED EVENTS: LOG-OPS-4003

REFERENCES:

1. MCO 4000.57_ Marine Corps Total Life Cycle Management (TLCM) of Ground Weapons Equipment and Material
2. MCO 4081.2 Marine Corps Performance Based Logistics (PBL)
3. MCO 4105.2_ Marine Corps Warranty Program
4. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
5. MCO 4400.194 Class VII Stock Rotation Program
6. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
7. MCO 4790.19 Depot Maintenance Policy
8. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
9. MCO P3000.17_ Maritime Prepositioning Force (MPF) Planning and Policy Manual
10. MCO P4400.150_ Consumer Level Supply Policy Manual
11. MCO P4400.82_ Regulated/Controlled Item Management Manual
12. MCO P4790.2_ MIMMS Field Procedures Manual
13. MCRP 3-0A Unit Training Management Guide
14. MCRP 3-0B How to Conduct Training
15. MCWP 4-11.4 Maintenance Operations
16. TM Equipment Technical Manual
17. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures
18. UNIT T/O&E Unit's Table of Organization and Equipment

0411-OPS-2402: Monitor the operation of maintenance automated information systems (MAIS) functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

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BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given computer and MAIS access.

STANDARD: To ensure equipment maintenance actions and equipment condition status updates are 100% accurate.

PERFORMANCE STEPS:

1. Supervise all MAIS functional capabilities.
2. Manage duties/responsibilities for MAIS input.
3. Supervise the correction of MAIS errors for appropriate action.
4. Coordinate support requirements/operations.
5. Design MAIS use and procedures for deployment exercises and operations.
6. Validate MAIS Systems Modification Request (SMR)/change request (CR).
7. Submit MAIS trouble ticket requests to MAIS supporting activities.

CHAINED EVENTS:

LOG-OPS-3002 LOG-OPS-4003

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
4. MCO 5239.2 Marine Corps Information Assurance Program (MCIAP)(C4)
5. MCO P4790.1 MIMMS Introduction Manual
6. MCO P4790.2_ MIMMS Field Procedures Manual
7. MCWP 4-11.4 Maintenance Operations
8. PC MIMMS Tech Guide PC MIMMS Technical Guide
9. TM 4420-15/1 Life Cycle Logistics Support and the Material Fielding Process
10. TM 4700-15/1_ Ground Equipment Record Procedures
11. UM 4400-123 FMF SASSY Management Unit Procedures
12. UM 4400-124 SASSY Using Unit Procedures
13. UM 4790-5 MIMMS AIS, Field Maintenance Procedures

0411-OPS-2403: Audit maintenance/supply resource records/forms/systems

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given the requirement and resources.

STANDARD: To verify quality control of all recorded/documentated information.

PERFORMANCE STEPS:

1. Identify records/forms.
2. Verify applicable maintenance/supply resource records/forms/systems.
3. Recommend changes to maintenance/supply resource records/forms/records.
4. Assess the maintenance/supply quality control/assurance programs and procedures.
5. Record/document assessment findings.
6. Implement Continuous Process Improvement (CPI) solutions.
7. Conduct reevaluation of audit.

REFERENCES:

1. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
2. MCO 3000.13_ Marine Corps Readiness Reporting Standard Operating Procedures
3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
4. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
5. MCO 5239.2 Marine Corps Information Assurance Program (MCIAP)(C4)
6. MCO P4400.150_ Consumer Level Supply Policy Manual
7. MCO P4400.82_ Regulated/Controlled Item Management Manual
8. MCO P4790.1 MIMMS Introduction Manual
9. MCO P4790.2_ MIMMS Field Procedures Manual
10. PC MIMMS Tech Guide PC MIMMS Technical Guide
11. TM 4700-15/1_ Ground Equipment Record Procedures
12. UM 4400-123 FMF SASSY Management Unit Procedures
13. UM 4400-124 SASSY Using Unit Procedures
14. UM 4790-5 MIMMS AIS, Field Maintenance Procedures

0411-OPS-2404: Monitor maintenance production cycle requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the unit TO&E, computer access, MAIS access, reports, records, forms, support databases, and supply management reports.

STANDARD: To evaluate the efficiency, safety and quality assurance of maintenance production processes and procedures.

PERFORMANCE STEPS:

1. Coordinate scheduling for command directed maintenance stand-downs.
2. Validate maintenance personnel and equipment allocations.
3. Provide guidance for maintenance measures of effectiveness (MOE).
4. Validate maintenance resources/production requirements.

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5. Validate parts identification/usage/inventories.
6. Supervise field level equipment maintenance validation/reconciliation procedures.
7. Conduct specified equipment or weapon system operational availability assessments.
8. Monitor quality assurance and quality control programs for effectiveness.
9. Assist in unit's operational/maintenance planning efforts.
10. Direct participation in maintenance related programs.
11. Conduct a functional area capability assessment.
12. Ensure adherence to performance measures for Contractor Logistics Support (CLS).
13. Prepare an Appendix 12 to the Annex D.
14. Evaluate a unit's maintenance production cycle information/work flow.
15. Monitor the establishment of commodity/section safety programs.

CHAINED EVENTS:

LOG-OPS-3002

LOG-OPS-4003

REFERENCES:

1. ANNEX D Operations Plan, Embarkation Letter of Instruction (LOI)
2. CPI Continuous Process Improvement (CPI) Reference Bundle
3. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
4. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
5. MCO 4000.57_ Marine Corps Total Life Cycle Management (TLCM) of Ground Weapons Equipment and Material
6. MCO 4081.2 Marine Corps Performance Based Logistics (PBL)
7. MCO 4105.2_ Marine Corps Warranty Program
8. MCO 4200.33 Contractor Logistics Support (CLS) for Ground Equipment, Weapon Systems, Munitions, and Information Systems
9. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
10. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
11. MCO 4790.19 Depot Maintenance Policy
12. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
13. MCO 5100.29_ Marine Corps Safety Program
14. MCO 5100.8 Marine Corps Occupational Safety and Health (OSH) Policy Order (May 06)
15. MCO P4400.150_ Consumer Level Supply Policy Manual
16. MCO P4400.82_ Regulated/Controlled Item Management Manual
17. MCO P4790.1 MIMMS Introduction Manual
18. MCO P4790.2_ MIMMS Field Procedures Manual
19. MCWP 4-11.4 Maintenance Operations
20. MCWP 5-1 Marine Corps Planning Process (MCP)
21. PC MIMMS Tech Guide PC MIMMS Technical Guide
22. SL-1-2 Index of Authorized Publication for Equipment Support
23. SL-1-3 Index of Authorized Publication for Equipment Support
24. SL-3 MCSL Component listing
25. SL-4 Repair, Maintenance, and Management Lists
26. TI 4710-14/1 Replacement and Evacuation Criteria
27. TM Equipment Technical Manual
28. TM 4700-15/1_ Ground Equipment Record Procedures
29. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures
30. UM 4400-123 FMF SASSY Management Unit Procedures

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31. UM 4400-124 SASSY Using Unit Procedures
 32. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 33. UM-PLMS Marine Corps Publications Library Management System (PLMS) Users Manual
 34. UNIT T/O&E Unit's Table of Organization and Equipment
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0411-OPS-2405: Conduct maintenance/supply operations continuous process improvement (CPI) assessments

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement and resources.

STANDARD: To increase materiel readiness in support of equipment availability and operational planning.

PERFORMANCE STEPS:

1. Complete Continuous Process Improvement (CPI) training.
2. Identify different types of CPI methods and concepts.
3. Monitor personnel and equipment allowance reviews.
4. Monitor applicable maintenance performance measures and metrics.
5. Evaluate past unit inspections and evaluations.
6. Perform CPI reviews of the unit's maintenance, supply, transportation, and distribution processes and procedures.
7. Provide CPI recommendations to increase process/procedures efficiency and effectiveness.
8. Implement CPI controls/recommendations.
9. Document CPI initiatives.

REFERENCES:

1. DLA Handbook DLA Handbook
2. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
3. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
4. MCO 4400.16_ Uniform Material Movement and Issue Priority System
5. MCO 4400.194 Class VII Stock Rotation Program
6. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
7. MCO 5311.1_ Total Force Structure Process (TFSP)
8. MCO P4400.150_ Consumer Level Supply Policy Manual
9. MCO P4790.1 MIMMS Introduction Manual
10. MCO P4790.2_ MIMMS Field Procedures Manual
11. MCO P4855.10 Product Quality Deficiency Report (PQDR)
12. MCO P5215.17_ Marine Corps Technical Publications System
13. MCWP 4-1 Logistics Operations
14. MCWP 4-11 Tactical-Level Logistics

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15. MCWP 4-11.4 Maintenance Operations
16. MCWP 4-11.7 MAGTF Supply Operations
17. MCWP 4-12 Operational-Level Logistics
18. MCWP 5-1 Marine Corps Planning Process (MCP)
19. MSTP PAM 4-0.2 A Logistics Planner's Guide
20. SECNAV M-5216.5 Department of the Navy Correspondence Manual
21. SI 5600 SERIES Cancellations, Marine Corps Technical Publications
22. SL-3 MCSL Component listing
23. SL-4 Repair, Maintenance, and Management Lists
24. TI 4710-14/1 Replacement and Evacuation Criteria
25. TI 5600 Publication Information Marine Corps Equipment
26. TM Equipment Technical Manual
27. TM 4700-15/1_ Ground Equipment Record Procedures
28. UM 4400-123 FMF SASSY Management Unit Procedures
29. UM 4400-124 SASSY Using Unit Procedures
30. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
31. UNIT T/O&E Unit's Table of Organization and Equipment

0411-OPS-2406: Monitor supply support requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given computer access, requirements, and resources.

STANDARD: To assess equipment availability for sustained operations.

PERFORMANCE STEPS:

1. Coordinate new equipment fielding requirements.
2. Conduct supply support assessments.
3. Monitor maintenance/supply validation process.
4. Monitor maintenance/supply reconciliation process.
5. Monitor supply/distribution support programs.
6. Supervise support/special equipment allowances.
7. Assist in the preparation of unit Operations & Maintenance (O&M) field budget planning/requirements.
8. Monitor contractor logistics support (CLS).
9. Monitor supply performance measures and metrics.
10. Monitor supporting asset visibility information tools.
11. Enforce Uniform Materiel Management Information Processing System (UMMIPS).

REFERENCES:

1. DLA Handbook DLA Handbook
2. FLIS Federal Logistics Information Systems
3. FM 101-5 Staff Organization and Operations

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4. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
5. MCO 4105.2_ Marine Corps Warranty Program
6. MCO 4400.16_ Uniform Material Movement and Issue Priority System
7. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
8. MCO 7100.8 Field Budget Guidance Manual
9. MCO P4400.150_ Consumer Level Supply Policy Manual
10. MCO P4400.82_ Regulated/Controlled Item Management Manual
11. MCO P4790.1 MIMMS Introduction Manual
12. MCO P4790.2_ MIMMS Field Procedures Manual
13. UM 4400-123 FMF SASSY Management Unit Procedures
14. UM 4400-124 SASSY Using Unit Procedures
15. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
16. UNIT T/O&E Unit's Table of Organization and Equipment

0411-OPS-2407: Conduct equipment condition reporting assessment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

BILLETS: Maintenance Management Analyst, Maintenance Management Chief, Maintenance Management Specialist

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given resources and a requirement.

STANDARD: To ensure the units equipment readiness and ability to perform its mission.

PERFORMANCE STEPS:

1. Determine equipment readiness reporting requirements.
2. Validate status of reportable equipment.
3. Analyze data for reporting trends.
4. Develop courses of action to enhance equipment readiness reporting.
5. Coordinate with personnel on equipment availability.
6. Conduct a Readiness brief/report.

REFERENCES:

1. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
2. MCO 3000.11_ Marine Corps Automated Readiness Evaluation System (MARES)
3. MCO 4400.16_ Uniform Material Movement and Issue Priority System
4. MCO 4400.194 Class VII Stock Rotation Program
5. MCO 4790.18_ Corrosion Prevention and Control (CPAC) Program
6. MCO P3000.13 Marine Corps Status of Resources and Training System (SORTS)
7. MCO P4400.82_ Regulated/Controlled Item Management Manual
8. MCO P4790.1 MIMMS Introduction Manual
9. MCO P4790.2_ MIMMS Field Procedures Manual
10. MCWP 4-11.4 Maintenance Operations

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11. OPNAVINST 3000.12_ Operational Availability of Equipments and Weapons Systems
 12. TM Equipment Technical Manual
 13. TM 4700-15/1_ Ground Equipment Record Procedures
 14. UM 4400-123 FMF SASSY Management Unit Procedures
 15. UM 4400-124 SASSY Using Unit Procedures
 16. UM 4790-5 MIMMS AIS, Field Maintenance Procedures
 17. UNIT T/O&E Unit's Table of Organization and Equipment
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CHAPTER 8

MOS 0430 INDIVIDUAL EVENTS

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CHAPTER 8

MOS 0430 INDIVIDUAL EVENTS

8000. PURPOSE. This chapter contains individual training events for the Embarkation Officer.

8001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0430, indicating that the event is for MOS 0430, Embarkation Officer.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
CCO	Combat Cargo Operations	0430-CCO-XXXX
EXCU	Execute Plan	0430-EXCU-XXXX
LOGR	Logistics and Readiness	0430-LOGR-XXXX
PLAN	Planning	0430-PLAN-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events. As a restricted officer MOS, all 0430 events are 2000-level events. For those events taught in the MOS-producing course to warrant officers, this field starts with 21; events taught at follow-on formal courses start with 22; and events learned through MOJT start with 29.

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8002. INDEX OF EVENTS

Event Code	Event	Page
2000-LEVEL		
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8003. 2000-LEVEL EVENTS**0430-CCO-2101:** Perform Combat Cargo Officer duties**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0430**BILLETS:** Combat Cargo Officer**GRADES:** WO, CWO2, CWO3, CWO4**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a requirement, personnel, and equipment**STANDARD:** IAW MCRP 4-11_ Combat Cargo Handbook**PERFORMANCE STEPS:**

1. Advise the ships commanding officer on loading plans for the landing force.
2. Maintain Ship Loading Characteristics Pamphlet (SLCP).
3. Assist in the preparation and distribution of Embarked Troop Regulations.
4. Create LFORM supplement.
5. Ensure habitability of landing force spaces.
6. Review and validate ship alterations (SHIPALTS) to landing force spaces.
7. Maintain liaison with the landing force.
8. Staff load plan documentation.
9. Coordinate the support of landing force requirements.
10. Coordinate Ships Platoon integration.
11. Supervise Combat Cargo Platoon.
12. Coordinate the loading/offloading.
13. Support ship-to-shore movement of the landing force.
14. Prepare amphibious documentation.

REFERENCES:

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFORINST 3130-1 Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
9. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
10. COMNAVSURFPACINST 4080
11. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
12. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships

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13. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
14. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
15. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
16. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
17. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
18. DOD 4500.9-R (PART VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
19. ICODES User's Manual Computer Aided Load Manifesting System
20. IMDG International Maritime Dangerous Goods Code
21. JP 3-02.1 Landing Force Operations
22. JP 3-02 Amphibious Operations
23. JP 3-02.2 Amphibious Embarkation
24. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
25. MCO P4030.36_ Marine Corps Packaging Manual
26. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
27. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
28. MCRP 3-31B Amphibious Ships and Landing Craft
29. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
30. MCRP 4-11C Combat Cargo Operations Handbook
31. MCWP 3-31.5 Ship-to-Shore Movement
32. NATICK PAM 30-25 Operational Rations
33. NAVSEA OP 4 Ammunition Afloat
34. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III
35. SECNAVINST 5216.5 Naval Correspondence Manual

0430-CCO-2902: Perform Staff Combat Cargo Officer duties

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

BILLETS: Staff Combat Cargo Officer

GRADES: CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a requirement, personnel, cargo and equipment.

STANDARD: IAW MCRP 4-11_ Combat Cargo Handbook.

PERFORMANCE STEPS:

1. Advise the naval commander on load plans for the landing force.
2. Maintain Ship Loading Characteristics Pamphlet (SLCP).
3. Assist in the preparation and distribution of Embarked Troop Regulations.
4. Monitor LFORM program.

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5. Ensure habitability of landing force spaces.
6. Review and validate ship alterations (SHIPALTS) to landing force spaces.
7. Maintain liaison with the landing force.
8. Staff load plan documentation.
9. Coordinate the support of landing force requirements.
10. Coordinate Ships Platoon integration.
11. Facilitate Combat Cargo Platoon training.
12. Coordinate the loading/offloading.
13. Support ship-to-shore movement of the landing force.
14. Prepare amphibious documentation.
15. Coordinate opportune lift requirements.

REFERENCES :

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
9. COMNAVSURFORINST 3130-1 Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
10. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
11. COMNAVSURFPACINST 4080
12. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
13. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
14. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
15. DOD 4500.9-R Defense Transportation Regulation (DTR)
16. ICODES User's Manual Computer Aided Load Manifesting System
17. IMDG International Maritime Dangerous Goods Code
18. JP 3-02.1 Landing Force Operations
19. JP 3-02 Amphibious Operations
20. JP 3-02.2 Amphibious Embarkation
21. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
22. MCO P4030.36_ Marine Corps Packaging Manual
23. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
24. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
25. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
26. MCRP 4-11.3G Unit Embarkation Handbook
27. MCRP 4-11C Combat Cargo Operations Handbook
28. MCWP 5-1 Marine Corps Planning Process (MCPPE)
29. NAVSEA OP 4 Ammunition Afloat
30. Unit Move Automated Information System (AIS) Users Manual

0430-EXCU-2101: Supervise asset tracking functions

EVALUATION-CODED: NO**SUSTAINMENT INTERVAL:** 1 month

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MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given deployment data, mode & source, and AIS.

STANDARD: To ensure compliance with DOD asset tracking policies.

PERFORMANCE STEPS:

1. Implement unit asset tracking requirements.
2. Validate unit data for AIS interface.
3. Ensure supplies & equipment are prepared for movement operations.
4. Verify upload of unit data into DOD ITV systems.
5. Track unit equipment and cargo locations using AIT.
6. Validate asset tracking.
7. Generate reports.

REFERENCES:

1. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
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0430-EXCU-2102: Coordinate amphibious embarkation and debarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

BILLETS: Embarkation Officer, Team Embarkation Officer

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operations, supplies and equip, and references

STANDARD: Supporting landing plan/offload sequence requirement(s)

PERFORMANCE STEPS:

1. Review the OE&AS.
2. Review the landing plan.
3. Review the SLCP.
4. Validate deployment data for landing force assets.
5. Complete the ship load plan.
6. Reconcile the load plan.
7. Ensure landing force equipment is prepared for embarkation.
8. Review amphibious on load/offload documentation.

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9. Ensure landing force assets are staged for embarkation.
10. Identify requirements ISO embarkation.
11. Report the status of embarkation.
12. Reconcile load plan upon completion of ship load.
13. Submit landing force data to the ships Combat Cargo Officer for completion of the Embarked Personnel and Materials Report.

REFERENCES :

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFORINST 3130-1 Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
9. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
10. COMNAVSURFPACINST 4080
11. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
12. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
13. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
14. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
15. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
16. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
17. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
18. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
19. ICODES User's Manual Computer Aided Load Manifesting System
20. IMDG International Maritime Dangerous Goods Code
21. JP 3-02.1 Landing Force Operations
22. JP 3-02 Amphibious Operations
23. JP 3-02.2 Amphibious Embarkation
24. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
25. MCO P4030.36_ Marine Corps Packaging Manual
26. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
27. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
28. MCRP 3-31B Amphibious Ships and Landing Craft
29. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
30. MCRP 4-11C Combat Cargo Operations Handbook
31. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
32. NATICK PAM 30-25 Operational Rations
33. NAVSEA OP 4 Ammunition Afloat

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34. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III
 35. SECNAVINST 5216.5 Naval Correspondence Manual
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0430-EXCU-2103: Coordinate unit movement

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operations, personnel, supplies and equipment, unit move AIS data, and references.

STANDARD: To meet mission requirement(s).

PERFORMANCE STEPS:

1. Verify movement AIS data.
2. Establish unit movement support requirements.
3. Coordinate required support with unit move agencies.
4. Promulgate movement timeline.

REFERENCES:

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
7. IMDG International Maritime Dangerous Goods Code
8. LOGAIS UM Logistics Automated Information System User's Manual
9. MARCORSSYSCOM Unit Move AIS website
<http://www.marcorsyscom.usmc.mil/sites/tdis/MDSSII.asp>
10. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
11. MCRP 4-11.3G Unit Embarkation Handbook
12. MCWP 5-1 Marine Corps Planning Process (MCPPE)
13. SOP Unit/Local Standing/Standard Operating Procedures
14. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
15. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
16. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
17. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment

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18. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
 19. Users Help Unit Move Automated Information System (AIS) Users Help
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0430-EXCU-2104: Supervise the preparation of supplies and equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, supplies and equipment to be embarked, necessary tools, equipment, references, and assignment to conveyance.

STANDARD: To meet unit move requirements in accordance with conveyance restraints.

PERFORMANCE STEPS:

1. Verify unit move AIS data.
2. Supervise pre-deployment inspections at UMA.
3. Ensure certification of hazardous material for shipment.
4. Supervise staging of supplies and equipment.
5. Ensure adherence to ITV policies.

REFERENCES:

1. AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
 2. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 3. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
 4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 5. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
 6. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 7. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 8. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 10. IMDG International Maritime Dangerous Goods Code
 11. ISO Standard 6346 Freight Contain Coding ID & Marking
 12. LOGAIS UM Logistics Automated Information System User's Manual
 13. MCRP 4-11.3G Unit Embarkation Handbook
 14. SOP Unit/Local Standing/Standard Operating Procedures
 15. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
 16. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
 17. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
 18. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
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0430-EXCU-2105: Support ship-to-shore movement

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, an amphibious operations order, and landing plan.

STANDARD: IAW MCWP 3-31.5 Ship-to-Shore Movement.

PERFORMANCE STEPS:

1. Coordinate with movement control organizations.
2. Monitor communications to track the execution of the offload.
3. Coordinate transportation for assets with appropriate ship-to-shore movement coordination agency.
4. Support the landing rehearsal.

REFERENCES:

1. JP 3-02.1 Landing Force Operations
 2. JP 3-02.2 Amphibious Embarkation
 3. MCWP 3-31.5 Ship-to-Shore Movement
 4. MCWP 4-11 Tactical-Level Logistics
 5. SOP Unit/Local Standing/Standard Operating Procedures
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0430-EXCU-2206: Supervise shipment of hazardous materials

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given certified personnel, cargo/equipment containing hazardous material, required forms, and references.

STANDARD: To meet certification requirements.

PERFORMANCE STEPS:

1. Identify certification requirements.
2. Verify hazardous cargo has been properly packaged and marked.
3. Verify documentation.
4. Ensure hazardous cargo is properly separated and segregated.
5. Ensure proper care in handling hazardous cargo.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials

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2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
6. IMDG International Maritime Dangerous Goods Code
7. MCO 4030.40_ Packaging of Hazardous Material
8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
9. MSDS Material Safety Data Sheets
10. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III

0430-EXCU-2207: Support commercial ship loading operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430

GRADES: WO, CW02, CW03, CW04, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a commercial ship, supplies and equipment to be loaded, unit move data, and AIS.

STANDARD: To support embarked asset movement requirements in accordance with the Time Phased Force Deployment Data (TPFDD).

PERFORMANCE STEPS:

1. Prepare commercial ship documentation, as required.
2. Ensure preparation of supplies & equipment for commercial ship loading.
3. Coordinate vessel loading.
4. Assist in the preparation of ship loading reports.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. DOD 4500.9-R (PART V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
6. ICODES website <https://www.icodesweb.com/>
7. IMDG International Maritime Dangerous Goods Code
8. MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
9. MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
10. MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
11. NAVSEA OP 4 Ammunition Afloat

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0430-EXCU-2908: Supervise unit air embarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an operation order, deployment information, aircraft allocation, and equipment to deploy.

STANDARD: IAW Defense Travel Regulations (DTR) Volume III.

PERFORMANCE STEPS:

1. Submit initial aircraft load plan.
2. Submit Hazardous Material Diplomatic Clearance (HAZDIP), as required.
3. Validate aircraft allocation.
4. Validate TCNs are assigned.
5. Validate air transportability certification.
6. Supervise staging at unit marshalling area (UMA).
7. Coordinate movement to APOE.
8. Coordinate inspections.
9. Provide certified aircraft load plan.
10. Ensure the designated agency provides passengers manifests.
11. Track unit mission status.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
 3. ATLA
 4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 5. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 6. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 7. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 8. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 9. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 10. MCRP 4-11.3G Unit Embarkation Handbook
 11. SMS Website <https://sms.transcom.mil>
 12. SOP Unit/Local Standing/Standard Operating Procedures
-

0430-LOGR-2101: Manage unit embarkation inspection program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given AIS data, personnel and equipment, unit to be inspected, and references.

STANDARD: IAW MCRP 4-11.3_ Unit Embarkation Handbook.

PERFORMANCE STEPS:

1. Establish inspection schedule.
2. Validate unit personnel training report.
3. Validate AIS data.
4. Supervise inspections.
5. Report inspection results.
6. Ensure corrective action taken.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MCRP 4-11.3G Unit Embarkation Handbook
 6. MCRP 4-11C Combat Cargo Operations Handbook
 7. MCWP 4-11.3 Transportation Operations
 8. NAVMC 3500.27_ Logistics Training and Readiness Manual
 9. SOP Unit/Local Standing/Standard Operating Procedures
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0430-LOGR-2102: Manage unit embarkation training program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given inspection results, personnel and equipment, formal schools training schedule, and references.

STANDARD: In accordance with Unit Training Manual.

PERFORMANCE STEPS:

1. Identify training deficiencies.
2. Validate embarkation unit personnel training report.
3. Establish training requirements.
4. Establish annual training plan.
5. Ensure conduct of MOS Training as prescribed by NAVMC 3500.27_.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course

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2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. MCO 1553.3_ Unit Training Management (UTM)
6. MCRP 4-11.3G Unit Embarkation Handbook
7. MCRP 4-11C Combat Cargo Operations Handbook
8. MCWP 4-11.3 Transportation Operations
9. NAVMC 3500.27_ Logistics Training and Readiness Manual
10. SOP Unit/Local Standing/Standard Operating Procedures

0430-LOGR-2903: Perform Strategic Mobility Officer duties

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430

GRADES: CW05, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: When assigned to the service headquarters, a component, MARFOR, or MEF staff, and given requirements and references.

STANDARD: IAW MCRP 4-11.3_ Unit Embarkation Handbook.

PERFORMANCE STEPS:

1. Prepare strategic mobility plans.
2. Execute strategic mobility plans.
3. Articulate MAGTFs mobility needs to higher headquarters, unified and specified commanders, and the transportation component command.
4. Publish strategic airlift/sealift policy.
5. Manage 463L pallet system war reserves.
6. Manage occupational field personnel.
7. Assist the MAGTF Deployment Distribution Officer.
8. Manage the occupational field standardization.

REFERENCES:

1. CJCSM 3122.02 Joint Operation Planning and Execution System (JOPES), Volume III, (Crisis Action Time-Phased Force and Deployment Data Development and Deployment Execution)
2. DOD 4500.9-R Defense Transportation Regulation (DTR)
3. JP 4-01 Defense Transportation
4. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
5. MCBUL 3120 Forces Synchronization Playbook (classified)
6. MCO 1200.17_ Military Occupational Specialties (MOS) Marine Corps Manual (MOS Manual)
7. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
8. MCO 4470.1_ MAGTF Deployment and Distribution Policy (MDDP)

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9. MCO P7100.8K Field Budget Guidance Manual (Jul 87)
 10. MCRP 4-11.3G Unit Embarkation Handbook
 11. MCWP 5-1 Marine Corps Planning Process (MCPPE)
 12. SOP Unit/Local Standing/Standard Operating Procedures
-

0430-LOGR-2904: Manage transportation budget

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: CW03, CW04, CW05, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a Training Exercise Employment Plan (TEEP), transportation rate tables, historical data, comptroller guidance, long range forecast, deployment data, AIS, and references.

STANDARD: IAW MCO P7100.8_.

PERFORMANCE STEPS:

1. Review TEEP.
2. Publish planning factors.
3. Consolidate annual transportation budget inputs.
4. Generate transportation budget estimate.
5. Maintain fiscal ledgers.
6. Brief deficiencies to G-3/Comptroller.
7. Consolidate monthly transportation budget adjustments.
8. Make transportation budget recommendations.
9. Validate liquidation reports against expended funds.

REFERENCES:

1. MCBUL 3120 Forces Synchronization Playbook (classified)
 2. MCO P7100.8K Field Budget Guidance Manual (Jul 87)
 3. SMS Website <https://sms.transcom.mil>
 4. SOP Unit/Local Standing/Standard Operating Procedures
 5. TWCF Transportation Working Capital Fund
-

0430-PLAN-2101: Support deployment planning

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CW02, CW03, CW04, CW05, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operation, planning guidance, force requirements, AIS, and references

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STANDARD: To ensure that associated deployment plans support the concept of operation

PERFORMANCE STEPS:

1. Participate in the Marine Corps Planning Process.
2. Provide input for mission budget.
3. Develop an embarkation LOI.
4. Identify transportation requirements.

REFERENCES:

1. CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. ICODES User's Manual Computer Aided Load Manifesting System
7. JP 1-02 DOD Dictionary of Military and Associated Terms
8. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
9. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
10. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
11. MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
12. MCWP 5-1 Marine Corps Planning Process (MCP)
13. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
14. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
15. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
16. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
17. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
18. Users Help Unit Move Automated Information System (AIS) Users Help

0430-PLAN-2102: Manage unit move AIS data

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0430

BILLETS: Embarkation Officer

GRADES: WO, CW02, CW03, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given AIS, supplies and equipment, and references.

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STANDARD: To ensure all unit move requirements are identified in unit move AIS.

PERFORMANCE STEPS:

1. Supervise unit move AIS.
2. Validate MDL update completion.
3. Supervise garrison database management.
4. Supervise load plan AIS.
5. Ensure adherence to ITV policies.

REFERENCES:

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
6. ICODES User's Manual Computer Aided Load Manifesting System
7. ICODES website <https://www.ICODESweb.com/>
8. IMDG International Maritime Dangerous Goods Code
9. LOGAIS UM Logistics Automated Information System User's Manual
10. MARCORSSYSCOM Unit Move AIS website
<http://www.marcorsyscom.usmc.mil/sites/tdis/MDSSII.asp>
11. MCRP 4-11.3G Unit Embarkation Handbook
12. SOP Unit/Local Standing/Standard Operating Procedures
13. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
14. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
15. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
16. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
17. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
18. Users Help Unit Move Automated Information System (AIS) Users Help

0430-PLAN-2103: Determine cost feasibility for transportation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

BILLETS: Embarkation Officer

GRADES: WO, CW02, CW03, CW04, CW05, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, deployment data, AIS, and references.

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STANDARD: To ensure all costs are estimated, per the references.

PERFORMANCE STEPS:

1. Determine the number and type of transportation assets required.
2. Determine the applicable cost rate tables.
3. Calculate the estimated cost for movement of personnel, supplies, cargo, and equipment for each type of conveyance required.
4. Calculate the total transportation cost.
5. Compare total transportation cost estimate to annual budget.
6. Report budget deficiencies/feasibility.
7. Maintain transportation budget.

CHAINED EVENTS: LOG-OPS-5001

REFERENCES:

1. ACART Applicable Commercial Airlift Rate Tables
 2. AFR 76-11 US Government Airlift Rates
 3. AMC (R) AMC Airlift Rates
 4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 7. SMS Website <https://sms.transcom.mil>
 8. SOP Unit/Local Standing/Standard Operating Procedures
 9. TEEP Training, Exercise and Evaluation Plan
 10. TWCF Transportation Working Capital Fund
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0430-PLAN-2104: Supervise sourcing of force requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given planning guidance, force requirements, and unit move AIS.

STANDARD: To ensure all force requirements are registered in Joint Operation Planning and Execution Systems (JOPES).

PERFORMANCE STEPS:

1. Ensure consolidation of unit/MAGTF data.
2. Ensure receipt of force requirements via AIS.
3. Ensure sourcing of force requirements using AIS.
4. Ensure submission of sourced force requirements via AIS.
5. Validate force requirements using AIS reports.

CHAINED EVENTS: LOG-OPS-5001

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REFERENCES :

1. CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. JP 1-02 DOD Dictionary of Military and Associated Terms
 6. JP 3-02.2 Amphibious Embarkation
 7. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
 8. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)
 9. Users Help Unit Move Automated Information System (AIS) Users Help
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0430-PLAN-2105: Prepare an airlift request**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0430**GRADES:** WO, CWO2, CWO3, CAPT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a concept of operations, unit embarkation data, and automated information systems (AIS).**STANDARD:** IAW Defense Transportation Regulation Parts I & II.**PERFORMANCE STEPS:**

1. Validate the requirement.
2. Complete the request.
3. Submit airlift request.
4. Monitor the status of the request(s).

REFERENCES :

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. MCO 4631.10_ Operational Support Airlift Management
 5. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 6. SMS Website <https://sms.transcom.mil>
 7. SOP Unit/Local Standing/Standard Operating Procedures
 8. TWCF Transportation Working Capital Fund
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0430-PLAN-2106: Prepare an embarkation plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given AIS report(s) and deployment schedule(s).

STANDARD: Supporting unit move requirement(s).

PERFORMANCE STEPS:

1. Verify assets to be embarked.
2. Determine special handling requirements.
3. Verify passenger requirements.
4. Identify marshalling and staging areas.
5. Identify ports of embarkation/debarkation (POE/POD).
6. Publish embarkation schedules.
7. Identify communications requirements.
8. Prepare and distribute required reports.

CHAINED EVENTS: LOG-OPS-5001

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. JP 3-02.2 Amphibious Embarkation
 6. LOGAIS UM Logistics Automated Information System User's Manual
 7. MCRP 4-11.3G Unit Embarkation Handbook
 8. SOP Unit/Local Standing/Standard Operating Procedures
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0430-PLAN-2207: Validate an amphibious ship load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

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PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
2. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
3. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
7. IMDG International Maritime Dangerous Goods Code
8. JP 3-02.1 Landing Force Operations
9. JP 3-02 Amphibious Operations
10. JP 3-02.2 Amphibious Embarkation
11. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
12. MCRP 4-11.3G Unit Embarkation Handbook
13. MCRP 4-11C Combat Cargo Operations Handbook
14. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
15. MCWP 5-1 Marine Corps Planning Process (MCP)
16. NAVSEA OP 4 Ammunition Afloat
17. Users Help Unit Move Automated Information System (AIS) Users Help
18. Unit Move Automated Information System (AIS) Users Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This instruction is provided at Amphibious Ship Load Planners Course taught at Camp Johnson.

0430-PLAN-2208: Validate an aircraft load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

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PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
 2. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. DODI 4540.07 Operation of the DOD Engineering for Transportability and Deployability Program
 7. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 9. MCWP 5-1 Marine Corps Planning Process (MCP)
 10. Unit Move Automated Information System (AIS) Users Manual
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0430-PLAN-2209: Validate a rail load plan**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0430**GRADES:** WO, CW02, CW03, CW04, CW05, CAPT, MAJ**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).**STANDARD:** To meet all moving unit lift requirements.**PERFORMANCE STEPS:**

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. AAR American Association of Railroads
 2. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 3. DOD 4500.9-R Defense Transportation Regulation (DTR)
 4. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
 5. Unit Move Automated Information System (AIS) Users Manual
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0430-PLAN-2210: Validate a commercial ship load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
 6. ICODES User's Manual Computer Aided Load Manifesting System
 7. ICODES website <https://www.ICODESweb.com/>
 8. IMDG International Maritime Dangerous Goods Code
 9. MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
 10. MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
 11. MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
 12. NAVSEA OP 4 Ammunition Afloat
 13. Unit Move Automated Information System (AIS) Users Manual
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0430-PLAN-2211: Validate a commercial truck load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0430

GRADES: WO, CWO2, CWO3, CWO4, CWO5, CAPT, MAJ

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given conveyance information, unit embarkation data, load plan, and automated information systems (AIS).

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STANDARD: To meet all moving unit lift requirements.

PERFORMANCE STEPS:

1. Review conveyance characteristics.
2. Review unit lift requirements.
3. Identify corrective actions, as required.
4. Submit documentation.

REFERENCES:

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. Unit Move Automated Information System (AIS) Users Manual
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LOG T&R MANUAL

CHAPTER 9

MOS 0431 INDIVIDUAL EVENTS

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CHAPTER 9

MOS 0431 INDIVIDUAL EVENTS

9000. PURPOSE. This chapter contains individual training events for Logistics/Embarkation and Combat Service (CSS) Specialists.

9001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0431, indicating that the event is for MOS 0431, Logistics/Embarkation and Combat Service (CSS) Specialist.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	Administration and Personnel	0431-ADMN-XXXX
OPS	Operations	0431-OPS-XXXX
PLAN	Planning	0431-PLAN-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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9002. INDEX OF EVENTS

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9003. 1000-LEVEL EVENTS**0431-EXCU-1301:** Perform unit asset tracking functions**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0431**GRADES:** PVT, PFC, LCPL, CPL, SGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given the assignment as a unit Embarkation Clerk, a concept of operations, applicable logistics AIS and the references.**STANDARD:** To ensure 100% accountability (supplies and equipment).**PERFORMANCE STEPS:**

1. Identify unit asset tracking requirements.
2. Identify the level of asset tracking required for the deployment.
3. Determine Military Shipping Label (MSL) requirements.
4. Generate MSLs for unit cargo.
5. Determine Radio Frequency Identification (RFID) tag requirements for unit cargo.
6. Set up unit level AIT equipment.
7. Track unit equipment and cargo locations using AIT.
8. Generate unit equipment and cargo location reports using AIS.

CHAINED EVENTS:

LOG-OPS-4002

LOG-OPS-4704

REFERENCES:

1. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MDSS II HM MAGTF Deployment Support System, User's Help Manual
 6. RFID OPS RFID Operations Guide
 7. Unit SOP
 8. Users Help Unit Move Automated Information System (AIS) Users Help
 9. Unit Move Automated Information System (AIS) Users Manual
-

0431-LOGR-1501: Prepare supplies and equipment for embarkation**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**MOS PERFORMING:** 0431**GRADES:** PVT, PFC, LCPL, CPL, SGT

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given supplies and equipment to be embarked, necessary tools, equipment, references, and assignment to conveyance.

STANDARD: To meet unit move requirements in accordance with conveyance restraints.

PERFORMANCE STEPS:

1. Reconcile unit move AIS data with physical characteristics of equipment to be embarked.
2. Identify unit hazardous materials that require certification.
3. Check warehouse pallets for serviceability.
4. Verify unit containers for serviceability.
5. Check 463L pallet system for serviceability.
6. Check tie down equipment for serviceability.
7. Ensure adequate dunnage/shoring is on hand.
8. Ensure unit embarkation boxes/cases are packed properly.
9. Ensure equipment liquid levels meet conveyance requirements.
10. Ensure unit equipment is palletized properly.
11. Ensure unit containers are packed properly.
12. Ensure unit rolling stock is prepared properly.
13. Ensure required embarkation markings are present on unit supplies and equipment.
14. Verify required ITV/RFID actions are complete ISO embarkation.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
 3. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 7. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 8. IMDG International Maritime Dangerous Goods Code
 9. JP 3-02.2 Amphibious Embarkation
 10. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
 11. MCRP 4-11.3G Unit Embarkation Handbook
 12. SOP Unit/Local Standing/Standard Operating Procedures
 13. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
 14. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
 15. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
 16. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
 17. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
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0431-LOGR-1502: Perform unit level logistics functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment as a unit Logistics Clerk, a concept of operations, applicable logistics AIS and the references.

STANDARD: IAW the units SOP.

PERFORMANCE STEPS:

1. Identify unit logistics functions.
2. Maintain correspondence files.
3. Prepare naval correspondence.
4. Maintain a logistics publications library.
5. Prepare logistics support requests (LSR).
6. Maintain logistics status boards.
7. Maintain Logistics Clerk desktop procedures.
8. Provide logistics information for letters of instruction (LOIs).
9. Provide information for logistics briefs and reports.

REFERENCES:

1. MCO 5215.1_ Marine Corps Directives Management Program
 2. MCRP 3-0A Unit Training Management Guide
 3. MCRP 3-0B How to Conduct Training
 4. MCRP 4-11.3 Transportation Operations
 5. MCWP 4-1 Logistics Operations
 6. MCWP 4-12 Operational-Level Logistics
 7. NAVMC 2761 Catalog of Publications
 8. SECNAVINST 5216.5 Naval Correspondence Manual
 9. SECNAVINST M-5210.2 Standard Subject Identification Code (SSIC) Manual
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0431-LOGR-1803: Prepare embarkation reports

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0431

GRADES: PVT, PFC, LCPL, CPL, SGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the assignment as a unit Embarkation Clerk, a concept of operations, applicable AIS and the references.

STANDARD: To support the unit's embarkation readiness.

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PERFORMANCE STEPS:

1. Identify unit embarkation reports.
2. Produce unit embarkation personnel reports.
3. Produce unit embarkation readiness reports.
4. Produce unit move AIS data reconciliation reports.

CHAINED EVENTS: LOG-OPS-5001**REFERENCES:**

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. SOP Unit/Local Standing/Standard Operating Procedures
 5. Users Help Unit Move Automated Information System (AIS) Users Help
 6. Unit Move Automated Information System (AIS) Users Manual
-

0431-PLAN-1801: Perform unit move automated information systems (AIS) functions**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**MOS PERFORMING:** 0431**GRADES:** PVT, PFC, LCPL, CPL, SGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given automated information systems (AIS), automated information technology (AIT) components, logistics and embarkation data, and guidance.**STANDARD:** To meet force deployment planning & execution process (FDP&E) requirements.**PERFORMANCE STEPS:**

1. Perform user access admin functions.
2. Perform data library admin functions.
3. Create a unit garrison database.
4. Perform records management functions.
5. Perform asset association functions.
6. Perform report functions.
7. Perform database reconciliations.
8. Create deployment plans.
9. Perform automated information technology (AIT) functions.
10. Perform In-Transit Visibility (ITV) functions.
11. Perform data interface functions.
12. Perform load plan functions using interface data and the approved AIS.

CHAINED EVENTS:

LOG-OPS-4002

LOG-OPS-5001

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REFERENCES :

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
7. IMDG International Maritime Dangerous Goods Code
8. MCRP 4-11.3G Unit Embarkation Handbook
9. SOP Unit/Local Standing/Standard Operating Procedures
10. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
11. TM 11240-OD_ Principle Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
12. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
13. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
14. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
15. Unit Move Automated Information System (AIS) Users Manual

SUPPORT REQUIREMENTS :

EQUIPMENT: SPI Deployable Laptop Computer RFID Interrogator Symbols Technology Deployment Package Printers Current Version of LOGAIS Software

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9004. 2000-LEVEL EVENTS**0431-EXCU-2301:** Certify hazardous material for shipment**EVALUATION-CODED:** NO **SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** This is taught at Army, Navy and Air Force formal schools.**MOS PERFORMING:** 0430, 0431, 0481, 0491**GRADES:** LCPL, CPL, SGT, SSGT, GYSGT, WO, CWO2, CWO3, CAPT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given references, certification, appointment as a unit hazardous material certifier, cargo containing hazardous material and required forms.**STANDARD:** Per MCO P4030.19_.**PERFORMANCE STEPS:**

1. Identify certification requirements.
2. Ensure hazardous cargo is properly packaged, marked and labeled.
3. Certify hazardous cargo using required forms for dangerous goods.
4. Ensure hazardous cargo is properly separated and segregated.
5. Ensure proper care in handling hazardous cargo.
6. File documentation, as required.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
6. IMDG International Maritime Dangerous Goods Code
7. MCO 4030.40_ Packaging of Hazardous Material
8. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
9. MSDS Material Safety Data Sheets
10. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III

MISCELLANEOUS:**ADMINISTRATIVE INSTRUCTIONS:** This is a formal school conducted by the Air Force, Army, and Navy commands.

0431-EXCU-2302: Coordinate unit marshalling operations**EVALUATION-CODED:** NO **SUSTAINMENT INTERVAL:** 12 months

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GRADES: LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given embarkation plan, unit data, and AIS.

STANDARD: To ensure all assets are consolidated and prepared in time to support the embarkation plan.

PERFORMANCE STEPS:

1. Identify marshalling area requirements.
2. Identify the marshalling area.
3. Coordinate logistics requirements.
4. Coordinate communications.
5. Develop unit marshalling area diagrams depicting the segregation of supplies and equipment into sequence for loading.
6. Brief personnel on marshalling plans, schedules, ORM, and diagrams.
7. Schedule inspections as required.
8. Report status of movement to Movement Control Center (MCC).

REFERENCES:

1. AMC Workbook 36-100
 2. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
 7. MCRP 4-11.3G Unit Embarkation Handbook
 8. MCRP 4-11C Combat Cargo Operations Handbook
 9. MCWP 4-11.3 Transportation Operations
 10. SOP Unit/Local Standing/Standard Operating Procedures
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0431-EXCU-2303: Support unit amphibious embarkation operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO, Team Embarkation Assistant, Team Embarkation Officer

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given assignment to shipping, ship loading characteristics pamphlet (SLCP), ships troop regulations, unit embarkation data, landing plan, Landing Force Operational Reserve Materiel (LFORM) supplement, and AIS.

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STANDARD: To support embarked assets ship-to-shore movement requirements in accordance with the landing plan.

PERFORMANCE STEPS:

1. Review the Organization for Embarkation and Assignment to Shipping (OE&AS).
2. Review the landing plan.
3. Review the SLCP.
4. Review Embarked Troop Regulations.
5. Validate deployment data for landing force assets.
6. Complete the ship/landing craft load plan.
7. Reconcile the load plan with the SLCP.
8. Ensure landing force equipment is prepared for embarkation.
9. Review amphibious onload/offload documentation.
10. Ensure landing force assets are staged for embarkation.
11. Identify embarkation requirements.
12. Report the status of embarkation.
13. Reconcile load plan upon completion of ship load.
14. Submit landing force data to the ships Combat Cargo Officer for completion of the Embarked Personnel and Materials Report (EPMR).
15. Coordinate customs and agricultural clearance, as required.

REFERENCES:

1. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
2. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
7. JP 3-02.1 Landing Force Operations
8. JP 3-02 Amphibious Operations
9. JP 3-02.2 Amphibious Embarkation
10. MCRP 4-11.3G Unit Embarkation Handbook
11. MCRP 4-11C Combat Cargo Operations Handbook
12. MCWP 3-31.5 Ship-to-Shore Movement
13. MCWP 5-1 Marine Corps Planning Process (MCP)
14. NAVSEA OP 4 Ammunition Afloat
15. Unit Move Automated Information System (AIS) Users Manual

0431-EXCU-2304: Perform asset tracking functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

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GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the deployment data, mode & source, and access to the AIS.

STANDARD: In compliance with DOD ITV policies.

PERFORMANCE STEPS:

1. Verify unit cargo meets ITV requirements.
2. Perform unit move AIS ITV requirements.
3. Perform unit move AIS ITV interfaces.
4. Monitor unit cargo air movement by mission number using Single Mobility System (SMS).
5. Monitor unit passenger air movement by mission number using SMS.
6. Monitor unit sealift movement by mission number using SMS.
7. Monitor unit cargo air movement by Transportation Control Number (TCN) using SMS.
8. Monitor unit passenger air movement by TCN using SMS.
9. Monitor unit cargo movement by TCN using the national RFID server.
10. Monitor unit cargo movement by tag ID using the national RFID server.
11. Monitor unit cargo movement by TCN using Integrated Development Environment/Global Transportation Network Convergence (IGC).
12. Report the status of unit movement.

CHAINED EVENTS: LOG-OPS-5001

REFERENCES:

1. CJCSI 3020.01 Managing, Integrating, and Using Joint Deployment Information Systems
 2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. IGC website <https://www.igc.ustranscom.mil/igc>
 7. RF-ITV Website <https://national.rfitv.army.mil>
 8. SDDC Website (classified)
 9. SMS Website <https://sms.transcom.mil>
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0431-EXCU-2305: Support commercial ship loading operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given a commercial ship, loading data, and access to AIS.

STANDARD: To support embarked asset movement requirements in accordance with the Time Phased Force Deployment Data (TPFDD).

PERFORMANCE STEPS:

1. Prepare commercial ship documentation, as required.
2. Prepare supplies & equipment for commercial ship loading.
3. Coordinate vessel loading.
4. Assist in the preparation of ship loading reports.
5. Coordinate customs and agricultural clearance, as required.

REFERENCES:

1. CFR 49 Code of Federal Regulations - Hazardous Materials
2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
5. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
6. ICODES User's Manual Computer Aided Load Manifesting System
7. ICODES website <https://www.ICODESweb.com/>
8. IMDG International Maritime Dangerous Goods Code
9. MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
10. MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
11. MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
12. NAVSEA OP 4 Ammunition Afloat

0431-EXCU-2306: Support unit air embarkation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, deployment information, aircraft allocation, equipment to deploy, and AIS.

STANDARD: To support embarked asset movement in accordance with the requirement.

PERFORMANCE STEPS:

1. Provide initial aircraft load plan.
2. Provide Hazardous Material Diplomatic Clearance (HAZDIP), as required.
3. Review aircraft allocation.
4. Ensure TCNs are assigned.

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5. Validate air transportability certification.
6. Ensure unit cargo and equipment is prepared.
7. Ensure unit cargo and equipment is staged for movement.
8. Coordinate movement of unit cargo and equipment to APOE.
9. Ensure unit cargo and equipment is compliant with inspection requirements.
10. Ensure certified aircraft load plan is provided.
11. Ensure the designated agency provides passengers manifests.
12. Ensure passengers are staged in accordance with movement requirements.
13. Coordinate the loading of unit cargo and equipment aboard aircraft.
14. Coordinate the embarkation of unit passengers aboard aircraft.
15. Reconcile aircraft load plan upon completion of loading.
16. Track unit mission status.
17. Coordinate customs and agricultural clearance, as required.

REFERENCES :

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
3. ATLA
4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
5. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
6. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
7. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
8. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
10. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
11. MCRP 4-11.3G Unit Embarkation Handbook
12. SMS Website <https://sms.transcom.mil>
13. SOP Unit/Local Standing/Standard Operating Procedures

0431-EXCU-2307: Support unit rail embarkation execution**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**MOS PERFORMING:** 0431**BILLETS:** Embarkation Chief, Equipment NCO**GRADES:** CPL, SGT, SSGT**INITIAL TRAINING SETTING:** MOJT**CONDITION:** Given rail assets, a movement plan, equipment, and access to AIS.**STANDARD:** To support embarked asset movement in accordance with the requirement.**PERFORMANCE STEPS:**

1. Submit unit move AIS data to required agencies.

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2. Ensure unit cargo and equipment is prepared.
3. Ensure unit cargo and equipment is staged.
4. Ensure unit cargo and equipment is compliant with lift providers inspection requirements.
5. Coordinate logistics requirements.
6. Monitor the loading of unit assets.
7. Submit required reports.
8. Monitor unit rail movement via ITV.

REFERENCES :

1. AAR American Association of Railroads
 2. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
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0431-EXCU-2708: Coordinate unit move transportation**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0431**GRADES:** CPL, SGT, SSGT**INITIAL TRAINING SETTING:** MOJT**CONDITION:** Given a requirement to conduct transportation planning, transportation planning AIS, unit embarkation data, and references.**STANDARD:** To ensure unit move requirements are supported.**PERFORMANCE STEPS:**

1. Ensure unit move transportation requests are consolidated.
2. Ensure unit move transportation requests are submitted in accordance with local SOP.
3. Coordinate with designated movement control agencies.
4. Coordinate the transportation of assets/personnel.
5. Coordinate MHE support for the movement as required.

CHAINED EVENTS: LOG-OPS-4002**REFERENCES :**

1. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
2. MCO 4470.1_ MAGTF Deployment and Distribution Policy (MDDP)
3. MCRP 4-11.3G Unit Embarkation Handbook
4. MCWP 4-1 Logistics Operations
5. MCWP 4-11.3 Transportation Operations
6. MCWP 4-12 Operational-Level Logistics

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7. SOP Unit/Local Standing/Standard Operating Procedures
 8. TCPT Users Help Transportation Capacity Planning Tool (TCPT) Users Help
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0431-EXCU-2809: Execute FDP&E unit move AIS functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETTS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, a force requirement, AIS, unit assets to be embarked, and references.

STANDARD: To ensure unit move requirements are accurately represented in the joint movement systems for allocation of lift.

PERFORMANCE STEPS:

1. Import force requirement.
2. Source the force requirement.
3. Compile accompanying supply list(s).
4. Insert accompanying supply lift requirements into unit move AIS.
5. Edit accompanying supply lift requirements within unit move AIS.
6. Create deployment package.
7. Perform a force requirement interface.
8. Validate force requirement in the Time-Phased Force Deployment Data (TFFDD).
9. Interface unit move data with load plan AIS.
10. Interface unit move data with DOD ITV systems.

CHAINED EVENTS:

LOG-OPS-4002 LOG-OPS-5001

REFERENCES:

1. CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
2. CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
6. ICODES User's Manual Computer Aided Load Manifesting System
7. JP 1-02 DOD Dictionary of Military and Associated Terms
8. JP 5-03.1 Joint Operation Planning and Execution System Volume I (Planning Policies and Procedures)
9. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
10. MCO 3000.18_ Marine Corps Force Deployment Planning and Execution Process Manual (FDP&E Manual)

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11. MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
12. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
13. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
14. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
15. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
16. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
17. Users Help Unit Move Automated Information System (AIS) Users Help

0431-EXCU-2810: Prepare a Special Assignment Airlift Mission (SAAM) request

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the requirement to conduct airlift planning for a unit deployment, air load planning AIS, unit move AIS, and references.

STANDARD: In accordance with Defense Transportation Regulation (DTR).

PERFORMANCE STEPS:

1. Identify SAAM requirements.
2. Compile SAAM requirements.
3. Submit SAAM request.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
4. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
5. SMS Website <https://sms.transcom.mil>
6. SOP Unit/Local Standing/Standard Operating Procedures
7. TWCF Transportation Working Capital Fund

0431-LOGR-2501: Conduct unit embarkation training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

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BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given unit embarkation personnel, section/company embarkation representatives, and references.

STANDARD: In accordance with MCO 1553.3A, Unit Training Management (UTM).

PERFORMANCE STEPS:

1. Reference NAVMC 3500.27_ for required training events for embarkation personnel.
2. Determine training requirements for section/company embarkation representatives.
3. Determine existing training level.
4. Identify training deficiencies.
5. Develop a training plan.
6. Schedule formal schools seats for required training.
7. Schedule unit level training.
8. Develop training materials.
9. Develop training evaluation tools.
10. Coordinate training support requirements.
11. Conduct unit embarkation training.
12. Evaluate unit embarkation training.
13. Document T&R events trained.
14. Report T&R event training to higher headquarters.

REFERENCES:

1. MCO 1553.3_ Unit Training Management (UTM)
2. MCO 3500.27_ Operational Risk Management (ORM)
3. MCO P3500.72_ Marine Corps Ground Training and Readiness (T&R) Program
4. MCRP 3-0A Unit Training Management Guide
5. MCRP 3-0B How to Conduct Training
6. MCRP 4-11.3G Unit Embarkation Handbook
7. NAVMC 3500.27_ Logistics Training and Readiness Manual
8. SAT Manual U. S. Marine Corps Systems Approach to Training (SAT) Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This distance learning product is provided by MarineNET, on-line learning. "Unit Training Management" CID: UT03AO

0431-LOGR-2502: Manage unit embarkation readiness program

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief

GRADES: CPL, SGT, SSGT

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INITIAL TRAINING SETTING: MOJT

CONDITION: Given references, embarkation personnel, readiness requirements, and assigned to a deployable unit.

STANDARD: IAW MCRP 4-11.3_ Unit Embarkation Handbook.

PERFORMANCE STEPS:

1. Ensure section EDLs are accurately reflected in unit move AIS data.
2. Ensure the unit has a mobile load plan.
3. Ensure mobile loads are prepared, as required.
4. Ensure the unit has a containerization plan.
5. Ensure unit containers are serviceable.
6. Ensure the unit has required embarkation materials on hand.
7. Ensure the unit has procedures for procuring required embarkation materials.
8. Ensure the unit has identified a 463L pallet requirement.
9. Ensure that cargo is marked properly.
10. Ensure the unit has hazardous material certifiers designated.
11. Ensure the unit has certified Air Load planners designated.
12. Complete training requirements for section/company embarkation representatives.
13. Conduct MOS training as prescribed by NAVMC 3500.27_.
14. Conduct embarkation readiness inspections.

REFERENCES:

1. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
2. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
3. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
4. COMNAVSURFFOR 5400.1_ Force Regulations
5. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
6. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
7. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
8. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
9. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
10. IMDG International Maritime Dangerous Goods Code
11. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
12. MCRP 4-11.3G Unit Embarkation Handbook
13. MCRP 4-11C Combat Cargo Operations Handbook
14. SOP Unit/Local Standing/Standard Operating Procedures

0431-LOGR-2503: Perform unit logistics section functions

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

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BILLETS: Logistics NCO

GRADES: CPL, SGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given the assignment to a unit logistics section, AIS, and references.

STANDARD: Meeting unit logistics requirements.

PERFORMANCE STEPS:

1. Ensure compliance with logistics references.
2. Manage logistics correspondence files.
3. Manage input to logistics status boards and reports.
4. Maintain logistics desktop procedures/turnover procedures.
5. Prepare naval correspondence.
6. Assist in the completion of logistics LOIs.
7. Review logistics information for logistics briefs and reports.
8. Provide logistics briefs and reports as required.
9. Supervise a units facilities management program.
10. Support unit AA&E operations.
11. Maintain publications library.

CHAINED EVENTS:

LOG-OPS-4704 LOG-OPS-5001

REFERENCES:

1. MCO 3500.27_ Operational Risk Management (ORM)
 2. MCO 4340.1_ Reporting of Missing, Lost, Stolen, or Recovered (MLSR) Government Property (Aug 94)
 3. MCO 5215.1_ Marine Corps Directives Management Program
 4. MCO 5500.6_ Arming of Law Enforcement and Security Personnel and the Use of Force
 5. MCO 8300.1_ Marine Corps Serialized Control of Small Arms Systems
 6. MCO P8020.10_ Marine Corps Ammunition and Explosives Safety Program
 7. MCRP 3-0A Unit Training Management Guide
 8. MCRP 3-0B How to Conduct Training
 9. MCRP 4-11.3 Transportation Operations
 10. MCWP 4-1 Logistics Operations
 11. MCWP 4-12 Operational-Level Logistics
 12. NAVMC 2761 Catalog of Publications
 13. NAVSEA OP 5 Vol 3 Storage of Ammunition at Advanced Bases
 14. NAVSEA OP 5 Vol 1 Ammunition and Explosives/Ashore Safety Regulations of Handling, Storage, Production, Renovation and Shipping
 15. NAVSEA SWO20-AF-ABK-010 Motor Vehicle Driver and Shipping Inspector's Manual for Ammunition, Explosives and Related Hazardous Materials
 16. SECNAVINST 5216.5 Naval Correspondence Manual
 17. SECNAVINST M-5210.2 Standard Subject Identification Code (SSIC) Manual
 18. UM 4400-124 SASSY Using Unit Procedures
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0431-LOGR-2504: Determine lift requirements

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Logistics Chief, Logistics NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, a concept of operations, AIS, and references.

STANDARD: To meet the requirement.

PERFORMANCE STEPS:

1. Determine personnel density.
2. Determine equipment density.
3. Compute supply class requirements.
4. Determine supply classes lift requirements.

REFERENCES:

1. MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
2. MCO 5500.6_ Arming of Law Enforcement and Security Personnel and the Use of Force
3. MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
4. MCWP 4-11.6 Petroleum and Water Logistics Operations
5. NATICK PAM 30-25 Operational Rations
6. NAVFC P-405 Seabee Planners and Estimators Handbook
7. TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
8. TM 11240-OD_ Principal Technical Characteristics of U.S. Marine Corps Motor Transport Equipment
9. TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
10. TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
11. TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps Ordnance Equipment
12. UM 4400-124 SASSY Using Unit Procedures

0431-LOGR-2505: Certify intermodal containers for shipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0430, 0431

GRADES: CPL, SGT, SSGT, WO, CWO2, CWO3, CAPT

INITIAL TRAINING SETTING: DISTLEARN

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CONDITION: Given intermodal containers, container inspection checklist, and the supplies to certify intermodal containers.

STANDARD: IAW DOD 4500.9-R Defense Transportation Regulations.

PERFORMANCE STEPS:

1. Inspect intermodal container (s) for transportability.
2. Certify intermodal container (s) for transportability.

REFERENCES:

1. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
2. MIL-HDBK-138B DOD Handbook Guide to Container Inspection for Commercial and Military Intermodal Containers
3. TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Intermodal Dry Cargo Container (CSC) Reinspection Course, U.S. Army Defense Ammunition Center, McAlester, OK.
CID: A33LAS1

0431-LOGR-2506: Perform combat cargo duties

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Combat Cargo Assistant

GRADES: SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given the assignment as the ship's CCA and references.

STANDARD: IAW MCRP 4-11C Combat Cargo Operations Handbook.

PERFORMANCE STEPS:

1. Assist in preparation and distribution of SLCP.
2. Assist in the preparation and distribution of Embarked Troop Regulations.
3. Create LFORM supplement in current AIS.
4. Coordinate Ships Platoon integration.
5. Coordinate Combat Cargo Platoon training.
6. Establish and maintain liaison with the landing force.
7. Ensure landing force spaces are maintained.
8. Support ship-to-shore movement of the landing force.
9. Coordinate the support of Landing Force requirements.

CHAINED EVENTS: LOG-OPS-5001

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REFERENCES :

1. Ship's Booklet of General Plans
2. CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
3. CFR 49 Code of Federal Regulations - Hazardous Materials
4. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
5. COMNAVSURF EOD
6. COMNAVSURFFOR 5400.1_ Force Regulations
7. COMNAVSURFLANTINST 3340.3 C Wet Well Operations Manual
8. COMNAVSURFORINST 3130-1 Deployment of Helicopter Search and Rescue (SAR) Detachments in Support of Amphibious Operations and Training
9. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
10. COMNAVSURFPACINST 4080
11. COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
12. COMNAVSURFPACINST 7010-1 Recreation Fund Support to Navy Staff and Marine Force Units Embarked Aboard Ships
13. COMNAVSURFPACINST 7320.1 Troops Space Inventory/Inspection/Reimbursement Procedures
14. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
15. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
16. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
17. DOD 4500.9-R (Part V) Defense Transportation Regulation Part V (DOD Customs and Border Clearance Policies and Procedures)
18. DOD 4500.9-R (Part VI) Defense Transportation Regulation Part VI (Management and Control of Intermodal Containers and System 4631 Equipment)
19. ICODES User's Manual Computer Aided Load Manifesting System
20. ICODES website <https://www.ICODESweb.com/>
21. IMDG International Maritime Dangerous Goods Code
22. JP 3-02.1 Landing Force Operations
23. JP 3-02 Amphibious Operations
24. JP 3-02.2 Amphibious Embarkation
25. MCO 8020.10_ Marine Corps Ammunition and Explosives Safety Program
26. MCO P4030.36_ Marine Corps Packaging Manual
27. MCO P4400.39_ War Reserve Materiel (WRM) Policy Manual
28. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
29. MCRP 3-31B Amphibious Ships and Landing Craft
30. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
31. MCRP 4-11C Combat Cargo Operations Handbook
32. MCWP 3-31.5 Ship-to-Shore Movement
33. NATICK PAM 30-25 Operational Rations
34. NAVSEA OP 4 Ammunition Afloat
35. PC-POP III Performance Oriented Packaging (POP) Personal Computer Program III
36. SECNAVINST 5216.5 Naval Correspondence Manual

0431-PLAN-2801: Compute cost estimates for transportation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

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MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Equipment NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a concept of operations, historical data, and references.

STANDARD: To ensure costs are estimated accurately and funding deficiencies are identified, per the references.

PERFORMANCE STEPS:

1. Compile lift requirements.
2. Compute the estimated costs of transportation by conveyance.

CHAINED EVENTS: LOG-OPS-5001

REFERENCES:

1. ACART Applicable Commercial Airlift Rate Tables
 2. AFR 76-11 US Government Airlift Rates
 3. AMC (R) AMC Airlift Rates
 4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 7. SOP Unit/Local Standing/Standard Operating Procedures
 8. TEEP Training, Exercise and Evaluation Plan
 9. TWCF Transportation Working Capital Fund
-

0431-PLAN-2802: Supervise unit move AIS administration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given concept of operations, AIS, and references.

STANDARD: To ensure all unit move requirements are identified in unit move AIS.

PERFORMANCE STEPS:

1. Install unit move AIS.
2. Perform unit move AIS system administrator functions.

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3. Edit unit move AIS plan data.
4. Verify MDL update completion.
5. Edit unit move AIS tech data.
6. Manage garrison database.
7. Install load plan AIS.
8. Perform load plan AIS admin functions.
9. Manage load plan AIS user access.
10. Update load plan AIS.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. ICODES User's Manual Computer Aided Load Manifesting System
 5. ICODES website <https://www.ICODESweb.com/>
 6. MARCORSSYSCOM Unit Move AIS website
<http://www.marcorsyscom.usmc.mil/sites/tdis/MDSSII.asp>
 7. Users Help Unit Move Automated Information System (AIS) Users Help
-

0431-PLAN-2803: Prepare an amphibious ship load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO, Team Embarkation Assistant, Team Embarkation Officer

GRADES: LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an Organization for Embarkation and Assignment to Shipping (OE&AS), Ship Loading Characteristics Pamphlet (SLCP), a landing plan/offload sequence, unit embarkation data, unit move AIS, load plan AIS, and references.

STANDARD: To meet ship-to-shore movement requirements.

PERFORMANCE STEPS:

1. Review the OE&AS.
2. Consolidate embarkation team data.
3. Validate the embarkation team data.
4. Review the landing plan.
5. Assign offload priority numbers.
6. Perform unit move AIS to load plan AIS interface.
7. Create a ship load plan using AIS.
8. Create landing craft load plans.
9. Complete load plan documentation.
10. Submit load plan documents for approval.

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CHAINED EVENTS: LOG-OPS-5001

REFERENCES:

1. COMNAVSURFLANTINT 4080.1_ Landing Force Operational Reserve Materiel (LFORM) Aboard Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
 2. COMNAVSURFORINST 4621.1/COMMARFORCOMO 4621.1/ COMMARFORPACO 4621.1B Landing Force Spaces, Ship's Loading Characteristics Pamphlet (SLCP), Troop Regulations (Troop Regs) and Amphibious Embarkation Documentation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. IMDG International Maritime Dangerous Goods Code
 7. JP 3-02 Amphibious Operations
 8. JP 3-02.2 Amphibious Embarkation
 9. MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
 10. MCRP 4-11.3G Unit Embarkation Handbook
 11. MCRP 4-11C Combat Cargo Operations Handbook
 12. MCWP 3-31.5 Ship-to-Shore Movement
 13. NAVSEA OP 4 Ammunition Afloat
 14. Users Help Unit Move Automated Information System (AIS) Users Help
 15. Unit Move Automated Information System (AIS) Users Manual
-

0431-PLAN-2804: Prepare an aircraft load plan

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0431

BILLETS: Embarkation Chief, Embarkation NCO

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given unit embarkation data, type of aircraft, load plan AIS, and references.

STANDARD: To ensure compliance with the characteristics of assigned aircraft per references.

PERFORMANCE STEPS:

1. Validate suitability of equipment for aircraft load planning.
2. Identify all cargo requiring special handling.
3. Validate air transportability certification.
4. Calculate center of balance for completed load plan.
5. Print a computer generated load plan.
6. Certify load plan, as required.

REFERENCES:

1. (AALPS) User Manual Automated Air Load Planning System (AALPS)

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2. AMC Affiliation Workbook 36-101, Vol 1 Equipment Preparation Course
 3. AMC Affiliation Workbook 36-101, Vol 2 Airlift Planners Course
 4. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 5. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 6. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 7. DODI 4540.07 Operation of the DOD Engineering for Transportability and Deployability Program
 8. IATA International Air Transport Association (IATA) Dangerous Goods Regulation
 9. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
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CHAPTER 10

MOS 0451 INDIVIDUAL EVENTS

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CHAPTER 10

MOS 0451 INDIVIDUAL EVENTS

10000. PURPOSE. This chapter contains individual training events for the Parachute Rigger.

10001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0451, indicating that the event is for MOS 0451, Parachute Rigger.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	Administration	0451-ADMN-XXXX
MAIN	Maintenance Related Programs	0451-MAIN-XXXX
OPS	Operations	0451-OPS-XXXX
RIG	Rig Airdrop Equipment	0451-RIG-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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10003. 1000-LEVEL EVENTS**0451-MAIN-1601:** Apply a basic sewn patch to a personnel parachute**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, equipment, patch material and references.**STANDARD:** To ensure serviceability.**PERFORMANCE STEPS:**

1. Inspect damaged area.
2. Initiate maintenance management process.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
 3. TM 11083B-OI MC-7 Personnel Parachute System
 4. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-1602: Replace a control line on an MC-7 main parachute**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 18 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, equipment, material, packing table and references.**STANDARD:** To ensure serviceability**PERFORMANCE STEPS:**

1. Initiate maintenance management process.
2. Remove damaged control line.

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3. Perform corrective maintenance.
4. Perform quality control inspection.
5. Complete administrative requirements.
6. Complete maintenance management process.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System
-

0451-OPS-1701: Perform a personnel jump from an aircraft

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft, drop-zone support team, and parachute system.

STANDARD: To ensure completion of the requirement.

PERFORMANCE STEPS:

1. Attend jumpmaster brief.
2. Conduct pre-jump training.
3. Execute operational phase.
4. Execute recovery phase.
5. Attend debrief.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: This is taught at CID A030CG1 Basic Airborne Course, Fort Benning, Georgia and CID: M50KLD1 Multi-Mission Parachute Course (MMPC) Coolidge, Arizona.

0451-OPS-1702: Deliver supplies utilizing a Type V Platform

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given required support equipment aircraft, tools, expendables and references.

STANDARD: To ensure aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Perform Transported Force Inspection.
2. Transport Load.
3. Inspect aircraft.
4. Load aircraft.
5. Rig aircraft.
6. Perform Joint Airdrop Inspection (JAI).
7. Conduct airdrop.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
 3. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
 4. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
-

0451-OPS-1703: Deliver supplies utilizing the Container Delivery System (CDS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given required support equipment aircraft, tools, expendables and references.

STANDARD: To ensure aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Perform Transported Force Inspection.
2. Transport load.
3. Inspect aircraft.
4. Load aircraft.
5. Rig aircraft.
6. Perform Joint Airdrop Inspection (JAI).
7. Perform airdrop.

REFERENCES:

1. FM 4-20.103 Rigging Containers
2. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute

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4. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 5. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 6. TM 10-1670-328-13 & P 2K Joint Precision Airdrop System (JPADS)
 7. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
 8. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
-

0451-PACK-1001: Conduct a Technical Rigger Inspection (TRI)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 36 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a parachute system and/or airdrop item, packing tables or floor space, and the references.

STANDARD: To ensure 100% of all discrepancies are identified, in order to maintain the serviceability of parachute system and/or airdrop item.

PERFORMANCE STEPS:

1. Identify equipment.
2. Identify components.
3. Inspect airdrop items.
4. Document findings, as required.
5. Perform actions, as required.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. FM 4-20.103 Rigging Containers
3. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
4. TM 10-1670-268-20 & P Type V Airdrop Platform
5. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
6. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
7. TM 10-1670-276-12&P Parachute Oxygen Systems
8. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
9. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
10. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
11. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
12. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
13. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
14. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
15. TM 10-1670-286-20 Sling/Extraction Line Panel
16. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
17. TM 10-1670-298-20 & P Container Delivery System
18. TM 10-1670-300-20 & P Ancillary Equipment for Military Free Fall

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19. TM 10-1670-328-13 & P 2K Joint Precision Airdrop System (JPADS)
 20. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
 21. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
 22. TM 10443C-OI Tandem Offset Resupply Delivery System
 23. TM 11019-12A&P Cybernetic Parachute Release System
 24. TM 11083B-OI MC-7 Personnel Parachute System
 25. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System
 26. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1002: Pack a 15 foot cargo extraction parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold and deployment bag attached.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Complete after extraction line is stowed, as required.
16. Complete Rigger check #7, as required.
17. Label parachute configuration.
18. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
-

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0451-PACK-1003: Pack a 22 foot cargo extraction parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold and deployment bag attached.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Complete after extraction line is stowed, as required.
16. Complete Rigger check #7, as required.
17. Label parachute configuration.
18. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
-

0451-PACK-1004: Pack a 28 foot cargo extraction parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 1 month

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold and deployment bag attached.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Complete after extraction line is stowed, as required.
16. Complete Rigger check #7, as required.
17. Label parachute configuration.
18. Complete administrative requirements.
19. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
-

0451-PACK-1005: Pack a 26 foot high velocity cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.

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7. Complete long fold.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Label parachute configuration.
16. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
-

0451-PACK-1006: Pack a G-11 cargo parachute**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, expendable material, floor space, and references.**STANDARD:** To ensure deployment of parachute.**PERFORMANCE STEPS:**

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Install reefing line cutters.
5. Complete Rigger check #1.
6. Complete canopy gore folds.
7. Complete centering line installation.
8. Complete Rigger check #2.
9. Complete canopy ties.
10. Complete suspension line ties.
11. Complete connector link ties.
12. Complete riser ties.
13. Complete Rigger check #3.
14. Complete stowage of canopy.
15. Complete arming of reefing line cutters.
16. Complete Rigger check #4.
17. Complete locking stows and first regular stow.
18. Complete Rigger check #5.
19. Complete suspension line stows.
20. Complete suspension line protector flap lacing.

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21. Complete Rigger check #6.
22. Label parachute.
23. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
-

0451-PACK-1007: Pack a G-12 cargo parachute**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, expendable material, floor space, and references.**STANDARD:** To ensure deployment of parachute.**PERFORMANCE STEPS:**

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete centering line installation.
6. Complete Rigger check #2.
7. Complete gore folds.
8. Complete Rigger check #3
9. Complete canopy ties.
10. Complete suspension line ties.
11. Complete connector links ties.
12. Complete Rigger check #4.
13. Complete stowage of canopy.
14. Complete Rigger check #5.
15. Complete stowage of suspension lines.
16. Complete Rigger check #6.
17. Complete locking stows and regular stows.
18. Complete suspension line protector flap lacing.
19. Complete Rigger check #7.
20. Label parachute.
21. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
-

0451-PACK-1008: Pack a G-14 cargo parachute**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months

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MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete flat fold.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete suspension lines stows.
10. Complete Rigger check #4.
11. Complete stowage of canopy.
12. Complete break cord tie.
13. Complete Rigger check #5.
14. Complete pack closing tie.
15. Complete Rigger check #6.
16. Complete packing of parachute.
17. Complete Rigger check #7.
18. Label parachute.
19. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
-

0451-PACK-1009: Pack an MC-7 Main Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables or floor space and references.

STANDARD: To ensure deployment.

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PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete gore folds.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete canopy stowage.
10. Complete Rigger check #4.
11. Complete suspension line stows.
12. Complete Rigger check #5.
13. Complete closure of container.
14. Complete Rigger check #6.
15. Complete static-line stowage.
16. Complete Rigger check #7, as required.
17. Complete maintenance management process.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System
-

0451-PACK-1010: Pack a MC-7 Reserve Parachute**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, expendable material, packing tables or floor space and references.**STANDARD:** To ensure deployment.**PERFORMANCE STEPS:**

1. Initiate Maintenance Management Process.
2. Place the canopy in proper layout.
3. Inspect the parachute.
4. Complete Rigger check #1.
5. Complete gore folds.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete first stow.
10. Complete Rigger check #4.
11. Complete suspension line stows.
12. Complete Rigger check #5.
13. Complete placement of extractor.

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14. Complete Rigger check #6.
15. Complete temporary closing.
16. Complete Rigger check #7.
17. Complete installation of curved pins.
18. Complete Rigger check #8.
19. Complete packing of parachute.
20. Complete Rigger check #9.
21. Complete administrative requirements.
22. Complete maintenance management process.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System
-

0451-PACK-1011: Pack an MP-360 Main Parachute in hand deployed pilot chute configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the hand deployed pilot chute configuration.
16. Complete Rigger check #6.
17. Stow pilot chute.
18. Complete administrative requirements.
19. Complete Rigger check #7.
20. Complete maintenance management process.

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REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1012: Pack an MP-360 Main Parachute In Double Bag Static-Line Configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Place in inner Deployment bag.
13. Stow bridle.
14. Stow drogue.
15. Complete Rigger check #4.
16. Tie drogue to outer deployment bag.
17. Place in outer deployment bag.
18. Complete four locking stows.
19. Complete Rigger check #5.
20. Stow remaining suspension lines.
21. Place deployment bag in container.
22. Complete main deployment bag securing stows.
23. Complete Rigger check #6.
24. Close the container according to the Double Bag Static Line configuration.
25. Complete Rigger check #7.
26. Stow static line.
27. Complete administrative requirements.
28. Complete Rigger check #8.
29. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

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0451-PACK-1013: Pack an MP-360 Main Parachute In Self-Set Drogue Configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the self-set drogue configuration.
16. Complete Rigger check #6.
17. Stow drogue chute.
18. Complete administrative requirements.
19. Complete Rigger check #7.
20. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1014: Pack an MP-360 Main Parachute In Static-Line Drogue Configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place the canopy in pack layout.
3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the static-line drogue configuration.
16. Complete Rigger check #6.
17. Stow drogue chute in deployment bag.
18. Attach deployment bag.
19. Complete Rigger check #7.
20. Stow static-line.
21. Complete administrative requirements.
22. Complete Rigger check #8.
23. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1015: Pack an HR-360 Reserve Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Place the canopy in pack layout.

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3. Inspect the system.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy and complete 4 locking stows.
12. Stow remaining suspension lines.
13. Complete Rigger check #4.
14. Place deployment bag in container.
15. Close number 1 flap.
16. Complete Rigger check #5.
17. Stow bridle.
18. Secure sky hook lanyard.
19. Complete Rigger check #6.
20. Compress pilot chute.
21. Complete Rigger check #7.
22. Finish closing container.
23. Complete Rigger check #8.
24. Perform pin pull test.
25. Complete Rigger check #9.
26. Complete administrative requirements.
27. Complete Rigger check #10.
28. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System
-

0451-PACK-1016: Pack a 2K Joint Precision Airdrop System (JPADS)**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, expendable material, floor space, pack frame and references.**STANDARD:** To ensure delivery of the load.**PERFORMANCE STEPS:**

1. Initiate maintenance management process.
2. Shake out parachute.
3. Conduct inspection.

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4. Pack 2K Joint Precision Airdrop System (JPADS).
5. Complete administrative requirements.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-328-13 & P 2K Joint Precision Airdrop System (JPADS)
-

0451-PACK-1017: Pack a 10K Joint Precision Airdrop System (JPADS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, adequate floor space, pack frame and references.

STANDARD: To ensure safe and successful delivery of the load.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Shake out parachute.
3. Conduct inspection.
4. Pack a 10K Joint Precision Airdrop System (JPADS).
5. Complete administrative requirements.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
-

0451-PACK-1018: Pack a Ultra-Light Weight (ULW) Joint Precision Airdrop System (JPADS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, floor space, and references.

STANDARD: To ensure delivery of a load.

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PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Shake out parachute.
3. Conduct inspection.
4. Pack Ultra-Light Weight (ULW) Joint Precision Airdrop System (JPADS).
5. Complete administrative requirements.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
-

0451-RIG-1901: Rig an A-22 cargo Container Delivery System (CDS)**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given items requiring airdrop, tools, floor space, required personnel, support requirement, expendable material, and references.**STANDARD:** To ensure delivery of the load.**PERFORMANCE STEPS:**

1. Prepare equipment for airdrop.
2. Rig equipment.
3. Label equipment.
4. Inspect equipment.

REFERENCES:

1. FM 4-20.103 Rigging Containers
 2. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 3. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 4. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
-

0451-RIG-1902: Assemble an M-1 cargo release**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL

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CONDITION: Given tools, equipment, packing tables or floor space, expendable material and references.

STANDARD: To ensure operational readiness.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Identify components.
3. Inspect components.
4. Assemble components.
5. Test the system.
6. Perform applicable maintenance.
7. Complete maintenance management process.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
-

0451-RIG-1903: Assemble an Extraction Force Transfer Coupling (EFTC)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, packing table or floor space and references.

STANDARD: To ensure activation.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Identify components.
3. Inspect components.
4. Assemble components.
5. Test the system.
6. Perform applicable maintenance.
7. Complete maintenance management process.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
-

0451-RIG-1904: Rig a Type V platform for air drop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

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MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, floor space, required personnel, support requirement, expendable material and references.

STANDARD: To ensure delivery of the load.

PERFORMANCE STEPS:

1. Prepare the equipment for airdrop.
2. Rig equipment.
3. Label equipment.
4. Inspect equipment.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
 2. TM 10-1670-268-20 & P Type V Airdrop Platform
 3. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
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0451-RIG-1905: Rig an extraction line panel

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, packing tables, floor space, expendable material and references.

STANDARD: To ensure load exits aircraft.

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Assemble extraction line.
4. Inspect the extraction line panel.
5. Label configuration.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10-1670-286-20 Sling/Extraction Line Panel
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10004. 2000-LEVEL EVENTS**0451-ADMN-2101:** Perform the Duties of the Paraloft Chief**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**MOS PERFORMING:** 0451**BILLET:** Paraloft Chief**GRADES:** SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a facility, personnel, equipment tools, administrative supplies, automated systems and references.**STANDARD:** To ensure mission requirements are met, all equipment is accounted for and maintained in serviceable condition.**PERFORMANCE STEPS:**

1. Establish personnel requirements.
2. Maintain training program.
3. Develop operational requirements.
4. Develop logistical requirements.
5. Submit fiscal requirements.
6. Complete administrative requirements.
7. Maintain safety program requirements.
8. Maintain the Pack-In-Process Inspector (PIPI) program.
9. Advise the Parachute Safety Officer as required.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. FM 10-500-9 Quartermaster Airdrop and Airdrop Support Units
3. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
4. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
5. FM 4-20.102 Rigging Airdrop Platforms
6. FM 4-20.103 Rigging Containers
7. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
8. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
9. MCO 3500.27_ Operational Risk Management (ORM)
10. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
11. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
12. MCO P4790.2_ MIMMS Field Procedures Manual
13. MCO P5102.1B Navy & Marine Corps Mishap And Safety Investigation Reporting, and Record Keeping Manual (Jan 05)
14. MCWP 5-1 Marine Corps Planning Process (MCPPE)
15. TM 4700-15/1_ Ground Equipment Record Procedures
16. TM 70244A-OI USMC Freefall Ops & Techniques

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MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Prerequisite training/certifications: (1) Be a Pack-In-Process Inspector (PIPI); (2) Complete the Airdrop Load Inspector Course (ALIC) (CID: A143211); (3) Complete the Static-Line Jumpmaster Course (CID: A0371M1); (4) Complete the Career-Level Airborne and Air Delivery Specialist Course (CID: A14L894); (5) Military Free-Fall Qualified, as required; (6) Military Free-Fall Jumpmaster, as required; and(7) Parachutist High Altitude Oxygen System (PHAOS) Technician Course, as required.

0451-ADMN-2102: Conduct an in-storage inspection on combat contingency assets

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an airdrop item, storage facility and references.

STANDARD: To ensure all airdrop items are stored and maintained in serviceable condition.

PERFORMANCE STEPS:

1. Determine inspectable items.
2. Perform inspection.
3. Perform maintenance, as required.
4. Perform administrative requirements.
5. Pack parachute.
6. Mark for contingency.
7. Place parachute in secure location.
8. Monitor climate control.
9. Inspect as required.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
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0451-ADMN-2103: Inspect a Marine Corps Paraloft

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Safety Analyst

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GRADES: MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a laptop, automated system, references and administrative supplies.

STANDARD: To ensure service Paralofts mitigate mishaps and remain in compliance with regulations.

PERFORMANCE STEPS:

1. Advise Headquarters Marine Corps on all parachute safety concerns.
2. Investigate and evaluate all malfunctions.
3. Maintain data repositories for parachute operations.
4. Participate in the USMC Parachute Capabilities Conference.
5. Attend DOD and civilian parachute related conferences.
6. Conduct parachute safety inspections.
7. Publish and maintain a listing of all current publications pertinent to parachute and air delivery operations.
8. Evaluate OT and DT of procedures for personnel parachuting and air delivery for USMC aircraft in RDT
9. Participate as parachute Subject Matter Expert (SME) to the senior member of the safety investigation board, as required.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. FM 4-20.103 Rigging Containers
3. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
4. TM 10-1670-268-20 & P Type V Airdrop Platform
5. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
6. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
7. TM 10-1670-276-12&P Parachute Oxygen Systems
8. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
9. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
10. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
11. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
12. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
13. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
14. TM 10-1670-286-20 Sling/Extraction Line Panel
15. TM 10-1670-296-20 & P Airdrop Ancillary Equipment
16. TM 10-1670-298-20 & P Container Delivery System
17. TM 10-1670-300-20 & P Ancillary Equipment for Military Free Fall
18. TM 10-1670-328-13 & P 2K Joint Precision Airdrop System (JPADS)
19. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
20. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
21. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
22. TM 10443C-OI Tandem Offset Resupply Delivery System
23. TM 11019-12A&P Cybernetic Parachute Release System
24. TM 11083B-OI MC-7 Personnel Parachute System

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25. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System
26. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-ADMN-2104: Perform the duties of the Parachute Safety Officer (PSO)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0402, 0451, 3002

BILLETS: Parachute Safety Officer

GRADES: SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, equipment and references.

STANDARD: Ensuring all personnel have fully complied with established orders and directives.

PERFORMANCE STEPS:

1. Validate personnel requirements.
2. Validate training program.
3. Validate operational requirements.
4. Validate logistical requirements.
5. Validate fiscal requirements.
6. Validate administrative requirements.
7. Validate safety program requirements.
8. Validate the Pack-In-Process Inspector (PIPI) program.
9. Conduct Malfunction/Incident Reporting, as required.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. FM 10-500-9 Quartermaster Airdrop and Airdrop Support Units
3. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
4. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
5. FM 4-20.102 Rigging Airdrop Platforms
6. FM 4-20.103 Rigging Containers
7. MCBUL 3000 Marine Corps Automated Readiness Evaluation System (MARES) Equipment
8. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
9. MCO 3500.27_ Operational Risk Management (ORM)
10. MCO 4733.1_ Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)
11. MCO 4855.10_ Product Quality Deficiency Report (PQDR)

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12. MCO P4790.2_ MIMMS Field Procedures Manual
13. MCO P5102.1B Navy & Marine Corps Mishap And Safety Investigation Reporting, and Record Keeping Manual (Jan 05)
14. MCWP 5-1 Marine Corps Planning Process (MCP)
15. TM 4700-15/1_ Ground Equipment Record Procedures
16. TM 70244A-OI USMC Freefall Ops & Techniques

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Prerequisite training/certifications: (1) ORM Distance Learning Module; (2) Basic Airborne Course.

0451-MAIN-2601: Supervise the operations of a maintenance activity

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Maintenance NCOIC

GRADES: SGT, SSGT, GYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, materials tools, administrative supplies, packing tables, automated systems, floor space and references.

STANDARD: To ensure all equipment repairs are performed correctly within specified timeframes and all administrative requirements are completed.

PERFORMANCE STEPS:

1. Validate Individual Training Records (ITRs).
2. Validate equipment record jackets.
3. Manage equipment inducted into maintenance section.
4. Validate Global Combat Support System (GCSS) transactions.
5. Manage equipment out-processed from maintenance section.
6. Validate quality assurance.

REFERENCES:

1. FM 4-20.102 Rigging Airdrop Platforms
2. FM 4-20.103 Rigging Containers
3. MCO 4855.10_ Product Quality Deficiency Report (PQDR)
4. MCO P4790.2_ MIMMS Field Procedures Manual
5. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
6. TM 10-1670-240-20/TO Miscellaneous Airdrop Canvas Webbing, Metal, and Wood Items

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

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0451-MAIN-2602: Repair airdrop equipment containers

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensure damaged areas are serviceable.

PERFORMANCE STEPS:

1. Inspect damaged area.
2. Initiate maintenance management process.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. FM 4-20.103 Rigging Containers
 2. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
-

0451-MAIN-2603: Repair a personnel parachute harness

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensure all areas are serviceable.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect damaged area.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

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REFERENCES :

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
3. TM 10443C-OI Tandem Offset Resupply Delivery System
4. TM 11083B-OI MC-7 Personnel Parachute System
5. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS :

SPECIAL PERSONNEL CERTS: Current industry offers specific training in this area in the form of Federal Aviation Administration (FAA) Senior and/or Master Rigger certification that will allow for advanced training.

0451-MAIN-2604: Repair a personnel parachute container

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment repair material and references.

STANDARD: Ensure all areas are serviceable/

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect damaged area.
3. Prepare damaged area.
4. Repair damaged area.
5. Complete quality assurance inspection.
6. Complete maintenance management process.

REFERENCES :

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
3. TM 10443C-OI Tandem Offset Resupply Delivery System
4. TM 11083B-OI MC-7 Personnel Parachute System
5. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS :

SPECIAL PERSONNEL CERTS: Current industry offers specific training in this area in the form of Federal Aviation Administration (FAA) Senior and/or Master Rigger certification that will allow for advanced training.

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0451-MAIN-2605: Advanced repair of a personnel parachute system

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment repair material and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect parachute system.
3. Prepare parachute system.
4. Repair parachute system, as required.
5. Modify parachute system, as required.
6. Perform component replacement on parachute system, as required.
7. Perform quality assurance inspection.
8. Complete maintenance management process.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
2. TM 11083B-OI MC-7 Personnel Parachute System
3. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Current industry offers specific training in this area in the form of Federal Aviation Administration (FAA) Senior and/or Master Rigger certification that will allow for advanced training.

0451-MAIN-2606: Perform a rigger-roll on parachutes

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a parachute requiring repair.

STANDARD: To ensure a parachute is configured for maintenance, storage or shipment.

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PERFORMANCE STEPS:

1. Place the parachute in the proper layout.
2. Complete rolling of upper canopy.
3. Secure the canopy assembly.
4. Appropriately tag parachute.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 4. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
 5. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
 6. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
 7. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 8. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
 9. TM 10443C-OI Tandem Offset Resupply Delivery System
 10. TM 11083B-OI MC-7 Personnel Parachute System
 11. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-2607: Perform a suspension line splice

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment material and references.

STANDARD: To ensure all damaged lines are repaired and to maintain serviceability of the parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect damaged area.
3. Prepare damaged area.
4. Repair damaged area.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
4. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
5. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
6. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT

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7. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
 8. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 9. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
-

0451-MAIN-2608: Perform Preventative Maintenance Checks & Services (PMCS) on a sewing machine

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given parts, tools, expendables and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect machine.
3. Identify damaged parts.
4. Take corrective actions.
5. Perform quality assurance inspection.
6. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
-

0451-MAIN-2609: Perform operational checks on altimeters

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a test chamber, administrative supplies and references.

STANDARD: Ensure all items are maintained in a serviceable condition and operate within parameters.

PERFORMANCE STEPS:

1. Initiate maintenance management process.

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2. Inspect altimeters.
3. Chamber altimeters.
4. Complete administrative requirements.
5. Complete maintenance management process.

REFERENCES :

1. TM 10-1670-300-20 & P Ancillary Equipment for Military Free Fall
-

0451-MAIN-2610: Perform maintenance on Parachutist High-Altitude Oxygen Systems (PHAOS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test stand, tools, expendable materials and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Clean components.
4. Test components.
5. Note any discrepancies.
6. Perform authorized corrective maintenance actions.
7. Complete administrative process.
8. Complete maintenance management process.

REFERENCES :

1. TM 10-1670-276-12&P Parachute Oxygen Systems
2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System

MISCELLANEOUS :

SPECIAL PERSONNEL CERTS: Requires PHAOS Technician Course completion provided in Panama City, Florida.

0451-MAIN-2611: Perform maintenance on Parachutist High-Altitude Oxygen Systems (PHAOS) Bail-Out Bottle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

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BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test stand, tools, expendable materials and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Clean components.
4. Test components.
5. Note any discrepancies.
6. Perform authorized corrective maintenance actions.
7. Complete administrative process.
8. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-276-12&P Parachute Oxygen Systems
2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires PHAOS Technician Course completion provided in Panama City, Florida.

0451-MAIN-2612: Perform maintenance on Parachutist High-Altitude Oxygen Systems (PHAOS) Console

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a test stand, tools, expendable materials and references.

STANDARD: To ensure serviceability.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect components.
3. Clean components.
4. Test components.
5. Note any discrepancies.

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6. Perform authorized corrective maintenance actions.
7. Complete administrative process.
8. Complete maintenance management process.

REFERENCES :

1. TM 10-1670-276-12&P Parachute Oxygen Systems
2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System

MISCELLANEOUS :

SPECIAL PERSONNEL CERTS : Requires PHAOS Technician Course completion provided in Panama City, Florida.

0451-MAIN-2613 : Perform maintenance on the military Cybernetic Parachute Release System (CYPRES)

EVALUATION-CODED : NO

SUSTAINMENT INTERVAL : 12 months

MOS PERFORMING : 0451

BILLETS : Parachute Rigger

GRADES : PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING : MOJT

CONDITION : Given tools, floor space packing table, expendable equipment and references.

STANDARD : To ensure operability.

PERFORMANCE STEPS :

1. Initiate maintenance management process.
2. Inspect components.
3. Identify defects.
4. Correct deficiencies.
5. Validate operability.
6. Validate serviceability.
7. Evacuate to higher echelon, as required.
8. Complete administrative requirements.
9. Complete maintenance management process.

REFERENCES :

1. TM 11019-12&P Cybernetic Parachute Release System (CYPRES) Automatic Opening Device (AOD)
2. TM 70244A-OI USMC Freefall Ops & Techniques

0451-MAIN-2620 : Place a Sewing Machine in service

EVALUATION-CODED : NO

SUSTAINMENT INTERVAL : 12 months

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MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given equipment and references.

STANDARD: Ensuring all manufacturer instructions are met.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify components.
3. Inspect components.
4. Assemble components.
5. Test components.
6. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2621: Prepare Sewing Machine for operation

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality for assigned task.

PERFORMANCE STEPS:

1. Identify type of machine.

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2. Set data for specific task.
3. Thread machine head.
4. Install bobbin assembly.
5. Validate stitches per inch.
6. Validate thread tension.

REFERENCES :

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
-

0451-MAIN-2622: Maintain a Sewing Machine**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETTS:** Parachute Rigger**GRADES:** CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, supplies, equipment and references.**STANDARD:** Ensuring functionality.**PERFORMANCE STEPS:**

1. Initiate maintenance management procedures.
2. Identify type of machine.
3. Identify required preventive maintenance checks and services (PMCS).
4. Perform required preventive maintenance checks and services (PMCS).
5. Complete maintenance management procedures.

REFERENCES :

1. CHANDLER Sewing Machine Model CM19R-2A
2. CONSEW Sewing Machine Model 206RB-5
3. CONSEW Sewing Machine Model 207
4. CONSEW Sewing Machine Model 333RB-2
5. CONSEW Sewing Machine Model 7360R
6. JUKI Model LU-1508NH
7. LK-1900A Instruction Manual/Partlist
8. PENNSEW Model 733R-5

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9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
-

0451-MAIN-2623: Replace a Needle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Inspect needle.
3. Remove old needle.
4. Install new needle.
5. Test functionality.
6. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2624: Adjust Timing

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

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GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Time sewing hook.
3. Time feeding mechanism.
4. Time movement of needle bar frame.
5. Complete maintenance management procedures.

REFERENCES:

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2625: Replace Parts

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment and references.

STANDARD: Ensuring functionality.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify sewing machine.
3. Troubleshoot machine.
4. Replace part.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

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REFERENCES :

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2626: Adjust Needle to Shuttle Relation**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given tools, equipment and references.**STANDARD:** Ensuring functionality.**PERFORMANCE STEPS:**

1. Initiate maintenance management procedures.
2. Identify sewing machine.
3. Troubleshoot machine.
4. Perform adjustments.
5. Perform quality control procedures.
6. Initiate maintenance management procedures.

REFERENCES :

1. CHANDLER Sewing Machine Model CM19R-2A
 2. CONSEW Sewing Machine Model 206RB-5
 3. CONSEW Sewing Machine Model 207
 4. CONSEW Sewing Machine Model 333RB-2
 5. CONSEW Sewing Machine Model 7360R
 6. JUKI Model LU-1508NH
 7. LK-1900A Instruction Manual/Partlist
 8. PENNSEW Model 733R-5
 9. STAGER Zig Zag Sewing Machine Model 21-5-3N
 10. TAJIMA 1-1AU
 11. TM-DGSC-3530-133 CONSEW Zig Zag Sewing Machine Model 199R-2A
 12. TM-DGSC-3530-134 CONSEW Light Duty Sewing Machine Model 230RH-1
 13. TM-DGSC-3530-136 CONSEW Medium Duty Sewing Machine Model 255RB-2/3
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0451-MAIN-2640: Repair Drive Mesh Panel

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring glide ratio meets manufacturer's specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out parachute.
3. Identify area for repair.
4. Identify required equipment.
5. Repair panel.
6. Perform quality control procedures.
7. Initiate maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used: (1) Double Needle Sewing Machine; (2) Light Duty Sewing Machine.

0451-MAIN-2641: Replace Upper Control Line on Low-Level Static-Line Parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring steerability meets manufacturers' specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out parachute.

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3. Identify broken control line.
4. Identify required equipment.
5. Remove damaged control line.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES :

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS :

EQUIPMENT: The following sewing machine may be used: (1) Medium Duty Zig Zag Sewing Machine.

MISCELLANEOUS :

ADMINISTRATIVE INSTRUCTIONS: Replacement of Lower Control Line on Low-Level Static-Line Parachute is trained at the Parachute Riggers Course.

0451-MAIN-2642: Repair Low-Level Static-Line Container

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring container holds parachute.

PERFORMANCE STEPS :

1. Initiate maintenance management procedures.
2. Identify damaged area.
3. Identify required equipment.
4. Disconnect parachute from container.
5. Repair damaged area/item.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES :

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS :

EQUIPMENT: The following sewing machines may be used: (1) Light Duty Zig Zag Sewing Machine; (2) Medium Duty Zig Zag Sewing Machine; (3) Light Duty Straight Stitch Sewing Machine; (4) Medium Duty Straight Stitch Sewing Machine; (5) Double Needle Sewing Machine.

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0451-MAIN-2643: Repair Low-Level Static-Line Anti-Inversion Net

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring canopy does not invert during deployment sequence.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area.
3. Identify required equipment.
4. Repair damaged area.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used: (1) Light Duty Zig Zag Sewing Machine; (2) Medium Duty Zig Zag Sewing Machine; (3) Light Duty Straight Stitch Sewing Machine.

0451-MAIN-2644: Repair Low-Level Static-Line Waist Band

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring container is secured to parachutist.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify component.
3. Identify required equipment.

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4. Remove damaged component.
5. Repair waist band/panel.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES :

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS :

EQUIPMENT: The following sewing machine may be used: (1) Heavy Duty Straight Stitch Sewing Machine.

0451-MAIN-2645: Modify Low-Level Static-Line Vent Loop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring modification work order is completed.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify vent loop.
3. Identify required equipment.
4. Install new vent loop.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES :

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS :

EQUIPMENT: The following sewing machines may be used: (1) BARTACK Sewing Machine; (2) Light Duty Zig Zag Sewing Machine; (3) Medium Duty Zig Zag Sewing Machine.

0451-MAIN-2646: Replace Pull-the-Dot Fastener

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

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BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring fastener functions.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged fastener.
3. Identify required equipment.
4. Install new fastener.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: Grommet Press.

0451-MAIN-2647: Replace Retainer Band Keeper

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring static-line is secured.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged keeper.
3. Identify required equipment.
4. Attach new keeper.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 11083B-OI MC-7 Personnel Parachute System

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SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: (1) Medium Duty Zig Zag Sewing Machine.

0451-MAIN-2648: Replace Service Military Free Fall Control Line

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and inspector.

STANDARD: Ensuring parachute maneuvers to manufacturers specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out parachute.
3. Identify broken control line(s).
4. Identify required equipment.
5. Repair control line(s).
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used: (1) BARTACK Sewing Machine; (2) Medium Duty Zig Zag Double Needle Sewing Machine.

0451-MAIN-2649: Repair Service Military Free Fall Container

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and inspector.

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STANDARD: Ensuring container holds parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area/item.
3. Identify required equipment.
4. Repair damaged area/item.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
 2. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-2650: Repair Main Parachute Deployment Bag

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring no part of canopy is exposed and canopy is held inside bag.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Identify damaged area/item.
3. Identify required equipment.
4. Repair damaged area/item.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
 2. TM 11168A-OI Multimission Parachute System
-

0451-MAIN-2651: Repair Service Military Free Fall Canopy Seam

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring parachute maneuvers to manufacturers specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out canopy.
3. Determine type of stitch damage.
4. Repair damaged area, as required.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: (1) Light Duty Straight Stitch Sewing Machine.

0451-MAIN-2652: Repair Service Military Free Fall Internal Rib

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring parachute maneuvers to manufacturers specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Lay out canopy.
3. Determine type of rib damage.
4. Repair damaged area.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

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SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machine may be used: (1) Light Duty Straight Stitch Sewing Machine.

0451-MAIN-2653: Install Service Military Free Fall Drogue Kill Line

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

STANDARD: Ensuring drogue system deployment.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Disconnect drogue from canopy.
3. Remove kill line from drogue system.
4. Install new kill line to drogue system.
5. Reattach drogue to canopy.
6. Perform quality control procedures.
7. Complete maintenance management procedures.

REFERENCES:

1. TM 10443C-OI Tandem Offset Resupply Delivery System
2. TM 11168A-OI Multimission Parachute System

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used: (1) BARTACK Sewing Machine; (2) Industrial Sewing Machine.

0451-MAIN-2654: Replace Zipper on Parachute Ancillary Equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given, tools, supplies, equipment, references, and an inspector.

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STANDARD: Ensuring parachute performs to manufacturers' specifications.

PERFORMANCE STEPS:

1. Initiate maintenance management procedures.
2. Inspect zipper for serviceability.
3. Remove damaged zipper.
4. Replace damaged zipper.
5. Perform quality control procedures.
6. Complete maintenance management procedures.

REFERENCES:

1. MCWP 3-15.7 Static-Line Parachuting Techniques and Training
2. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
3. TM 10443C-OI Tandem Offset Resupply Delivery System
4. TM 11168A-OI Multimission Parachute System
5. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

EQUIPMENT: The following sewing machines may be used: (1) Light Duty Straight Stitch Sewing Machine; (2) Medium Duty Straight Stitch Sewing Machine.

0451-OPS-2701: Support an intentional water jump

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an aircraft, personnel parachute, equipment wash tubs and drying tower.

STANDARD: Ensure recovery, accountability, and maintenance of all equipment exposed to water.

PERFORMANCE STEPS:

1. Identify equipment.
2. Prepare equipment.
3. Inspect equipment.
4. Support the conduct of the operation.
5. Recover parachutes.
6. Recover equipment.
7. Perform required maintenance.

REFERENCES:

1. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute

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2. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
3. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
4. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
5. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
6. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
7. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
8. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
9. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
10. TM 10443C-OI Tandem Offset Resupply Delivery System
11. TM 11083B-OI MC-7 Personnel Parachute System
12. TM 11168A-OI Multimission Parachute System

0451-OPS-2702: Perform the duties of a Static-Line Jumpmaster

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0402, 0451

BILLETS: Air Delivery Officer, Assistant Operations Officer, Commanding Officer, Company Commander, Drop Zone Safety Officer, Executive Officer, Jumpmaster, Landing Support Officer, Logistics Officer, Operations Officer, Parachute Rigger, Platoon Commander

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an airborne mission and all required assets.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:

1. Perform administrative duties.
2. Conduct Jumpmaster duties at the unit area.
3. Conduct Jumpmaster duties at the departure airfield.
4. Conduct Jumpmaster duties in flight.
5. Conduct Jumpmaster duties on the drop zone.
6. Complete post-jump operations.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A0371M1 Static-Line Jump Master Course, Fort Benning, Georgia.

0451-OPS-2703: Perform the duties of Military Free-Fall (MFF) Jumpmaster

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0402, 0451

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BILLETS: Air Delivery Officer, Assistant Operations Officer, Commanding Officer, Company Commander, Drop Zone Safety Officer, Logistics Officer, MFF Jumpmaster, Operations Officer, Parachute Rigger, Platoon Commander

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT, 2NDLT, 1STLT, CAPT, MAJ, LTCOL

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an airborne mission and all required assets.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:

1. Perform administrative duties.
2. Conduct Jumpmaster duties at the unit area.
3. Conduct Jumpmaster duties at the departure field.
4. Conduct Jumpmaster duties in flight.
5. Conduct Jumpmaster duties on the drop zone.
6. Complete post-jump operations.

REFERENCES:

1. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
2. TM 70244A-OI USMC Freefall Ops & Techniques

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A0571P1 Military Free-Fall Jump Master Course, Yuma, Arizona.

0451-OPS-2704: Conduct airborne operations in a hand deployed pilot chute configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a military free fall mission, a Multi-Mission Parachute System, and an aircraft.

STANDARD: By deploying the pilot chute within +/- 250 feet of a designated altitude and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.

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4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit aircraft.
11. Execute free fall procedures.
12. Execute free fall emergency procedures, as required.
13. Wave off at 1,000 feet above deployment altitude.
14. Deploy pilot chute.
15. Execute post opening procedures.
16. Execute post opening emergency procedures, as required.
17. Establish flight pattern.
18. Establish a landing pattern.
19. Land.
20. Conduct emergency landing procedures, as required.
21. Execute post landing procedures.
22. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2705: Conduct airborne operations in a self-set drogue configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a military free fall mission, a Multi-Mission Parachute System, and an aircraft, while wearing a combat fighting load.

STANDARD: By setting the drogue within +/- 250 feet of a designated altitude and landing safely on the ground.

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PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit the aircraft.
11. Execute a systems check.
12. Execute drogue fall procedures.
13. Execute drogue fall emergency procedures, as required.
14. Release drogue at designated altitude.
15. Execute post opening procedures.
16. Execute post opening emergency procedures, as required.
17. Establish a flight pattern.
18. Establish a landing pattern.
19. Land.
20. Conduct emergency landing procedures.
21. Execute post landing procedures.
22. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2706: Conduct airborne operations in a static-line drogue configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a military free fall mission, a Multi-Mission Parachute System, and an aircraft, while wearing a combat fighting load.

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STANDARD: By exiting the aircraft in a modified dive position with straight legs and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit the aircraft.
11. Execute exit emergency procedures, as required.
12. Execute a systems check.
13. Execute drogue fall procedures.
14. Execute drogue fall emergency procedures, as required.
15. Release drogue at designated altitude.
16. Execute post opening procedures.
17. Execute post opening emergency procedures, as required.
18. Establish a flight pattern.
19. Establish a landing pattern.
20. Land.
21. Conduct emergency landing procedures, as required.
22. Execute post landing procedures.
23. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2707: Conduct airborne operations in a double bag static-line configuration

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a High Altitude High Opening (HAHO) mission, a Multi-Mission Parachute System, and an aircraft, while wearing a combat fighting load.

STANDARD: Exiting the aircraft in a seated position presenting the pack tray to the relative wind and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit the aircraft.
11. Execute exit emergency procedures, as required.
12. Execute post opening procedures.
13. Execute post opening emergency procedures, as required.
14. Establish flight pattern.
15. Establish landing pattern.
16. Land.
17. Conduct emergency landing procedures, as required.
18. Execute post landing procedures.
19. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID M50KLD1 Multi-Mission Parachute System Course, Coolidge, Arizona.

0451-OPS-2708: Conduct airborne operations with the High Glide (HG) 380 Canopy

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

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GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a High Altitude High Opening (HAHO) mission, a Multi-Mission Parachute System, combat equipment and an aircraft.

STANDARD: By deploying the parachute within +/- 250 feet of a designated altitude and landing safely on the ground.

PERFORMANCE STEPS:

1. Prepare individual equipment.
2. Attend jump brief.
3. Perform pre-jump training.
4. Don equipment.
5. Stand jumpmaster personnel inspection.
6. Board aircraft.
7. Respond to aircraft procedure signals.
8. Execute in-flight emergency procedures, as required.
9. Respond to jump commands.
10. Exit aircraft.
11. Execute a systems check.
12. Execute drogue fall procedures.
13. Execute drogue fall emergency procedures, as required.
14. Deploy parachute.
15. Execute post opening procedures.
16. Execute post opening fall emergency procedures, as required.
17. Establish a flight pattern.
18. Establish landing pattern.
19. Land.
20. Conduct emergency landing procedures, as required.
21. Execute post landing procedures.
22. Conduct link up procedures.

REFERENCES:

1. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone.

AIRCRAFT: Any aircraft capable of inserting parachutists.

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Current certification resides with Airborne Mobile Training Team (TECOM).

0451-OPS-2709: Perform the duties of Drop Zone Safety Officer (DZSO)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

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BILLETS: Drop Zone Safety Officer

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given required support, equipment and references.

STANDARD: To ensure mission accomplishment.

PERFORMANCE STEPS:

1. Validate Drop Zone.
2. Assist Primary Jumpmaster, as directed.
3. Inspect equipment.
4. Inspect drop zone.
5. Establish drop zone.
6. Maintain positive communication, as required.
7. Account for personnel.
8. Account for all equipment.
9. Secure drop zone.
10. Attend de-brief, as required.
11. Complete administrative requirements.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
3. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A0371M1 Static-Line Jump Master Course, Fort Benning, Georgia.

0451-OPS-2710: Perform the duties of Malfunction Officer

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Malfunction Officer

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given equipment administrative supplies and references.

STANDARD: To ensure the investigative process is accomplished.

PERFORMANCE STEPS:

1. Attend drop zone safety brief.

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2. Inspect required materials.
3. Inspect administrative supplies, as required.
4. Observe jump operations.
5. Conduct an on-site investigation, as required.
6. Take photographs, as required.
7. Document findings, as required.
8. Complete administrative requirements.
9. Submit findings to appropriate agency, as required.

REFERENCES :

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
 2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
 3. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
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0451-OPS-2711: Configure an aircraft for parachute operation**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Airdrop Load Inspector (Joint Airdrop Inspector)**GRADES:** CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** MOJT**CONDITION:** Given tools, equipment expendable materials and references.**STANDARD:** To ensure rigging meets mission requirements.**PERFORMANCE STEPS:**

1. Identify type of aircraft.
2. Rig aircraft.
3. Inspect rigging.

REFERENCES :

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
 2. FM 31-19 Military Free-fall Parachuting Tactics, Techniques, and Procedures
 3. TM 70244A-OI USMC Freefall Ops & Techniques
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0451-OPS-2712: Support High Altitude High Opening (HAHO) Operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

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INITIAL TRAINING SETTING: MOJT

CONDITION: Given a mission requirement of inserting Marines utilizing the High Altitude High Opening (HAHO) capability.

STANDARD: To ensure all airborne equipment utilized is functioning properly, properly maintained, serviceable, and available for issue, according to operational tasking.

PERFORMANCE STEPS:

1. Identify required equipment.
2. Perform functions check on required equipment.
3. Issue required equipment.
4. Support High Altitude High Opening (HAHO) operations.
5. Perform recovery actions, as required.

REFERENCES:

1. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
 2. TM 70244A-OI USMC Freefall Ops & Techniques
-

0451-OPS-2713: Support High Altitude Low Opening (HALO) Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a mission requirement of inserting Marines utilizing the High Altitude Low Opening (HALO) capability.

STANDARD: To ensure all airborne equipment utilized is functioning properly, properly maintained, serviceable, and available for issue, according to operational tasking.

PERFORMANCE STEPS:

1. Identify required equipment.
2. Perform functions check on required equipment.
3. Issue required equipment.
4. Support High Altitude Low Opening (HALO) operations.
5. Perform recovery actions, as required.

REFERENCES:

1. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
 2. TM 70244A-OI USMC Freefall Ops & Techniques
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0451-OPS-2714: Support airborne operations with Tandem Offset Resupply Delivery System Equipment (TORDS-E)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: PVT, PFC, LCPL, CPL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a military freefall mission, a Tandem Offset Resupply Delivery System- Equipment and an aircraft.

STANDARD: Ensure Tandem Offset Resupply Delivery System-Equipment is configured and rigged properly for airdrop.

PERFORMANCE STEPS:

1. Inspect Tandem Offset Resupply Delivery System-Equipment (TORDS-E)
2. Rig barrel for airdrop.
3. Inspect Military Tandem Tethered Bundle (MTTB).
4. Configure the aircraft for MTTB operations.
5. Load MTTB on the aircraft.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone

AIRCRAFT: Any aircraft capable of inserting parachutists.

0451-OPS-2715: Support airborne operations with Tandem Offset Resupply Delivery System-Personnel (TORDS-P)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a military freefall mission, a Tandem Offset Resupply Delivery System-Personnel, and an aircraft.

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STANDARD: Ensure Tandem Offset resupply Delivery System-Personnel is configured properly for airdrop.

PERFORMANCE STEPS:

1. Inspect Tandem Offset Resupply Delivery System- Equipment (TORDS-P)
2. Inspect Military Tandem Tethered Bundle (MTTB).
3. Configure the aircraft for MTTB operations.
4. Load MTTB on the aircraft.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 70244A-OI USMC Freefall Ops & Techniques

SUPPORT REQUIREMENTS:

RANGE/TRAINING AREA: Facility Code 17440 Personnel/Equipment Drop Zone

AIRCRAFT: Any aircraft capable of inserting parachutists.

0451-OPS-2716: Support parachute operations requiring supplemental oxygen

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETTS: Parachute Rigger

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given an aircraft, oxygen equipment and parachutists.

STANDARD: To ensure the safe and effective conduct on board the aircraft.

PERFORMANCE STEPS:

1. Inspect supplemental oxygen equipment.
2. Inspect aircraft.
3. Rig the aircraft with supplemental oxygen
4. Oxygen Tech manages supplemental oxygen equipment throughout parachute operation.
5. Post operation inspection.
6. Place in secure storage.

REFERENCES:

1. TM 10-1670-276-12&P Parachute Oxygen Systems
 2. TM 11093A/11118A-OI Parachutist's High Altitude Oxygen Supply (PHAOS) System
 3. TM 70244A-OI USMC Freefall Ops & Techniques
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0451-OPS-2717: Conduct a Joint Airdrop Inspection (JAI)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Airdrop Load Inspector (Joint Airdrop Inspector)

GRADES: CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a rigged load, applicable administrative supplies, tools, materials and references.

STANDARD: To ensure all discrepancies are identified and corrected, prior to an airdrop.

PERFORMANCE STEPS:

1. Perform transported force inspection.
2. Identify discrepancies, as required.
3. Validate discrepancies were corrected, as required.
4. Complete administrative requirements.
5. Perform after load inspection.
6. Identify discrepancies, as required.
7. Validate discrepancies were corrected, as required.
8. Complete administrative requirements.

REFERENCES:

1. CFR 49 Parts 100-185 Code of Federal Regulations - Transportation
2. MCO 13480.1 Joint Airdrop Inspection Records, Malfunction Investigation & Activity Reports
3. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Airdrop Load Inspectors Certification Course (CID: A143211) provided at Fort Lee, Virginia.

0451-OPS-2718: Deliver supplies utilizing the Joint Precision Airdrop System (JPADS)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

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CONDITION: Given required support equipment aircraft, tools, expendables, and references.

STANDARD: To ensure precision aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Perform Transported Force Inspection.
2. Transport Load.
3. Inspect aircraft.
4. Load aircraft.
5. Rig aircraft.
6. Perform Joint Airdrop Inspection (JAI).
7. Conduct airdrop.

REFERENCES:

1. FM 4-20.103 Rigging Containers
 2. TM 10-1670-328-13 & P 2K Joint Precision Airdrop System (JPADS)
 3. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
 4. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
 5. TM 70244A-OI USMC Freefall Ops & Techniques
-

0451-OPS-2719: Prepare Supplies/Equipment for an External Sling Load

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451, 0481

BILLETS: Landing Support Specialist, Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft and resupply mission.

STANDARD: To ensure attachment of supplies to aircraft for delivery.

PERFORMANCE STEPS:

1. Identify equipment.
2. Prepare equipment for sling load.
3. Inspect load.
4. Attach load to aircraft.

REFERENCES:

1. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Sling Load Inspectors Certification Course (SLICC) provided at Fort Lee, Virginia.

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0451-OPS-2720: Conduct Initial and Terminal Guidance

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

MOS PERFORMING: 0451, 0481

BILLETS: Landing Support Specialist, Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft and resupply mission.

STANDARD: To ensure attachment of supplies/equipment for delivery.

PERFORMANCE STEPS:

1. Identify landing/drop zone.
2. Inspect and prepare the zone.
3. Direct aircraft into the zone.

REFERENCES:

1. MCRP 4-11.3E/FMFRP 5-31 Vol 1 Multi-Service Helicopter Sling Load: Basic Ops and Equipment

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Sling Load Inspectors Certification Course (SLICC) provided at Fort Lee, Virginia.

0451-OPS-2721: Receive Supplies/Equipment

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 24 months

MOS PERFORMING: 0451, 0481

BILLETS: Landing Support Specialist, Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an aircraft with a sling load.

STANDARD: To ensure delivery.

PERFORMANCE STEPS:

1. Identify landing/drop zone.
2. Inspect and prepare the zone.
3. Direct aircraft into the zone.
4. Receive supplies/equipment.

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REFERENCES:

1. MCRP 4-11.3E/FMFRP 5-31 Vol 1 Multi-Service Helicopter Sling Load: Basic Ops and Equipment

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Sling Load Inspectors Certification Course (SLICC) provided at Fort Lee, Virginia.

0451-PACK-2001: Supervise the operations of a light-pack activity

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Light Pack NCOIC

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, materials, tools, administrative supplies, packing tables or floor space automated system and references.

STANDARD: To ensure the serviceability of parachute packing equipment is maintained, packing of parachute is performed correctly, and all administrative requirements are performed.

PERFORMANCE STEPS:

1. Validate Individual Training Records (ITRs).
2. Validate equipment record jackets.
3. Manage and control access to Ready for Issue (RFI) room.
4. Validate Global Combat Support System (GCSS) transactions.
5. Validate asset availability.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit
2. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
3. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
4. TM 10443C-OI Tandem Offset Resupply Delivery System
5. TM 11083B-OI MC-7 Personnel Parachute System
6. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-PACK-2002: Perform a pack-in-process inspection

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

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MOS PERFORMING: 0451

BILLETS: Pack-in Process Inspector

GRADES: CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a parachute packer, equipment material tools, packing tables, floor space and references.

STANDARD: To ensure all packing procedures are followed.

PERFORMANCE STEPS:

1. Validate packing procedures.
2. Correct any packing discrepancies.
3. Process all deficient items for maintenance.
4. Ensure all administrative requirements are met.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 3. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
 4. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
 5. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
 6. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
 7. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
 8. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 9. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 10. TM 10-1670-328-13 & P 2K Joint Precision Airdrop System (JPADS)
 11. TM 10-1670-XXX-13 & P 10K Joint Precision Airdrop System (JPADS)
 12. TM 10-1670-XXX-13 & P Ultra Light Weight Joint Precision Airdrop System (JPADS)
 13. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
 14. TM 10443C-OI Tandem Offset Resupply Delivery System
 15. TM 11083B-OI MC-7 Personnel Parachute System
 16. TM 11168A-OI Multimission Parachute System
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0451-PACK-2003: Pack a Military Tandem Tethered Bundle (MTTB)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material, packing tables, floor space and references.

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STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect the system.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Fold gores.
6. Fold canopy.
7. Stow canopy in deployment bag.
8. Close container.
9. Complete administrative requirements.
10. Complete maintenance management process.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 11019-12A&P Cybernetic Parachute Release System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSSYSCOM - New Equipment Training Team (NETT).

0451-PACK-2004: Pack a Military Tandem Vector System (MTVS) main parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment floor space pack frame, expendable materials and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect the system.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.

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11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the self-set drogue configuration.
16. Complete Rigger check #6.
17. Stow drogue chute.
18. Complete Rigger check #7.
19. Complete administrative requirements.
20. Complete maintenance management process.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 11019-12A&P Cybernetic Parachute Release System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSSYSCOM- New Equipment Training Team (NETT).

0451-PACK-2005: Pack a Military Tandem Vector System (MTVS) reserve parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, equipment, expendable materials, floor space, and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate maintenance management process.
2. Inspect the system.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy and complete 4 locking stows.
12. Complete Rigger check #4.

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13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Place deployment bag in container.
16. Close number 1 flap.
17. Complete Rigger check #6.
18. Continue closing container.
19. Secure red skyhook lanyard.
20. Complete Rigger check #7.
21. Stow bridle and pilot chute.
22. Complete Rigger check #8.
23. Finish closing container.
24. Complete Rigger check #9.
25. Perform pin pull test.
26. Complete Rigger check #10.
27. Complete administrative requirements.
28. Complete Rigger check #11.
29. Complete administrative requirements.
30. Complete maintenance management process.

REFERENCES:

1. TM 10443B-12 Military Tandem Tethered Bundle (MTTB)
2. TM 10443C-OI Tandem Offset Resupply Delivery System
3. TM 11019-12A&P Cybernetic Parachute Release System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSYSCOM- New Equipment Training Team (NETT).

0451-PACK-2006: Pack a 68 inch diameter pilot parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, expendable material packing tables or floor space and references.

STANDARD: To ensure deployment of parachute.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect parachute.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Complete Rigger check #1.

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6. Complete canopy flat fold.
7. Complete Rigger check #2.
8. Complete long fold.
9. Complete Rigger check #3.
10. Complete stowage of canopy.
11. Complete Rigger check #4.
12. Complete suspension line stow.
13. Complete Rigger check #5.
14. Complete closure of deployment bag.
15. Complete Rigger check #6.
16. Label parachute configuration.
17. Complete administrative requirements.
18. Complete maintenance management process.

REFERENCES :

1. FM 4-20.103 Rigging Containers
 2. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
-

0451-PACK-2007: Place a cargo parachute into service**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 18 months**MOS PERFORMING:** 0451**BILLETS:** Parachute Rigger**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT**INITIAL TRAINING SETTING:** MOJT**CONDITION:** Given tools, equipment expendable material packing tables or floor space and references.**STANDARD:** To ensure components are assembled.**PERFORMANCE STEPS:**

1. Initiate maintenance management process.
2. Identify parachute type.
3. Inspect parachute components.
4. Assemble parachute.
5. Complete inspection.
6. Perform administrative requirements.
7. Complete maintenance management process.

REFERENCES :

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
2. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
3. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
4. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
5. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
6. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT

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7. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
 8. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
 9. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
 10. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
-

0451-PACK-2008: Pack a 12 foot high velocity cargo parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given tools, equipment expendable material packing tables or floor space and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Inspect the parachute.
3. Place the canopy in pack layout.
4. Complete Rigger check #1.
5. Complete canopy flat fold.
6. Complete Rigger check #2.
7. Complete long fold.
8. Complete Rigger check #3.
9. Complete stowage of canopy.
10. Complete Rigger check #4.
11. Complete first suspension line stow.
12. Complete Rigger check #5.
13. Complete closure of deployment bag.
14. Complete Rigger check #6.
15. Label parachute configuration.
16. Complete administrative requirements.
17. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
-

0451-PACK-2009: Pack a High Glide parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

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GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given tools, expendable material pack frame and references.

STANDARD: To ensure deployment.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Place canopy in service.
3. Place the canopy in pack layout.
4. Conduct a line continuity check.
5. Set deployment brakes.
6. Complete Rigger check #1.
7. Start folding the canopy.
8. Complete Rigger check #2.
9. Continue folding the canopy.
10. Complete Rigger check #3.
11. S-Fold canopy.
12. Complete Rigger check #4.
13. Stow remaining suspension lines.
14. Complete Rigger check #5.
15. Close the container according to the hand deployed pilot chute configuration.
16. Complete Rigger check #6.
17. Stow pilot chute.
18. Complete Rigger check #7.
19. Complete administrative requirements.
20. Complete maintenance management process.

REFERENCES:

1. TM 11168A-OI Multimission Parachute System

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM). Current certification resides with MARCORSYSCOM - New Equipment Training Team (NETT).

0451-PACK-2010: Place a personnel parachute system into service

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 18 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

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CONDITION: Given tools, equipment expendable material packing tables or floor space and references.

STANDARD: To ensure equipment is assembled.

PERFORMANCE STEPS:

1. Initiate Maintenance Management Process.
2. Identify parachute type.
3. Inspect parachute components.
4. Assemble parachute.
5. Complete inspection.
6. Perform administrative requirements.
7. Complete maintenance management process.

REFERENCES:

1. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
 2. TM 10443C-OI Tandem Offset Resupply Delivery System
 3. TM 11019-12A&P Cybernetic Parachute Release System
 4. TM 11083B-OI MC-7 Personnel Parachute System
 5. TM 11168A-OI Multimission Parachute System
-

0451-RIG-2901: Supervise the operations of a Heavy Drop activity

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Heavy Drop NCOIC

GRADES: SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the billet of NCOIC of an airdrop rigging activity, personnel, materials, tools, administrative supplies and the references.

STANDARD: Ensure the serviceability of rigging equipment is maintained, rigging of loads is performed correctly and administrative requirements are performed.

PERFORMANCE STEPS:

1. Validate asset availability.
2. Supervise the rigging of platform loads.
3. Supervise the rigging airdrop containers.
4. Inspect the loads for load standards and weight limitations.
5. Ensure all cargo containing hazardous materials are properly marked.
6. Ensure all discrepancies are immediately corrected.
7. Control and manage access to heavy drop area.
8. Validate Global Combat Support System (GCSS) transactions.

REFERENCES:

1. FM 10-400 QM Airdrop & Airdrop Equipment Support Unit

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2. FM 4-20.102 Rigging Airdrop Platforms
3. FM 4-20.103 Rigging Containers
4. TM 10-1670-201-23/T General Maintenance of Parachute and other Airdrop Equipment
5. TM 10-1670-268-20 & P Type V Airdrop Platform
6. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
7. TM 10-1670-276-23 & P 26 Foot High Velocity Parachute
8. TM 10-1670-277-23&P Parachute, Cargo, Extraction, Heavy Duty, 15-FT
9. TM 10-1670-278-23&P Parachute, Cargo, Extraction, Heavy Duty, 28-FT
10. TM 10-1670-279-23&P Parachute, Cargo, Extraction, Heavy Duty, 22-FT
11. TM 10-1670-280-23&P 100-foot Diameter G-11B Cargo Parachute
12. TM 10-1670-281-23 & P 64-Foot Diameter G-12 D/E Cargo Parachute
13. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
14. TM 10-1670-286-20 Sling/Extraction Line Panel
15. TM 10-1670-296-20 & P Airdrop Ancillary Equipment

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: This is taught at CID A14L894 Career-Level Airborne and Air Delivery Specialist Course, Fort Lee, Virginia.

0451-RIG-2902: Assemble a Type V platform for airdrop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 24 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given panels, rails, component parts, tools, support equipment and references.

STANDARD: To ensure heavy drop mission is accomplished.

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Assemble components.
4. Conduct quality assurance inspection.

REFERENCES:

1. TM 10-1670-268-20 & P Type V Airdrop Platform
-

0451-RIG-2903: Rig combat equipment for jump

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 3 months

MOS PERFORMING: 0451

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BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given combat equipment air items, expendables and references.

STANDARD: Ensure the parachutist passes a Jump Master Personnel Inspection (JMPI).

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Rig combat equipment components.
4. Complete Jump Master Personnel Inspection (JMPI).

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
-

0451-RIG-2904: Rig a door bundle

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT, GYSGT, MSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given supplies, parachute, tools, expendable material, floor space and references.

STANDARD: To ensure aerial delivery is accomplished.

PERFORMANCE STEPS:

1. Identify components.
2. Inspect components.
3. Rig the load.
4. Inspect the load.
5. Correct discrepancies, as required.

REFERENCES:

1. FM 3-21.220 (FM 57-220) Static Line Parachuting Techniques and Training
 2. FM 4-20.103 Rigging Containers
 3. TM 10-1670-269-23 & P Parachute, Personnel Type 24 Ft Diameter, Troop, Chest, Reserve
 4. TM 10-1670-275-23 & P 12 Foot High Velocity Parachute
 5. TM 10-1670-282-23 & P 34 Foot Diameter G-14 Cargo Parachute
 6. TM 10-1670-298-20 & P Container Delivery System
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0451-RIG-2905: Rig an A-7A container for the low or high velocity method of airdrop

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: PVT, PFC, LCPL

INITIAL TRAINING SETTING: MOJT

CONDITION: Given a load requiring airdrop, low or high velocity cargo parachute, tools and expendable material, and the reference.

STANDARD: To ensure proper rigging of equipment and proper deployment of parachute with zero malfunctions of equipment.

PERFORMANCE STEPS:

1. Identify components
2. Prepare the equipment for airdrop.
3. Inspect the load.
4. Correct discrepancies, as required.

REFERENCES:

1. FM 10-500-3 Rigging Containers
-

0451-RIG-2906: Pack a Military Tandem Tethered Bundle (MTTB)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an MTTB, tools, expendable material, and the references.

STANDARD: To ensure proper deployment of parachute with zero malfunctions of equipment.

PERFORMANCE STEPS:

1. Conduct appropriate inspection.
2. Pack parachute in accordance with reference.
3. Complete administrative requirements

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)

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MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM).

0451-RIG-2907: Pack a Military Tandem Vector System (MTVS) parachute

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 6 months

MOS PERFORMING: 0451

BILLETS: Parachute Rigger

GRADES: LCPL, CPL, SGT, SSGT, GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given an MTVS parachute, tools, expendable material, and the references.

STANDARD: To ensure proper deployment of parachute with zero malfunctions of equipment.

PERFORMANCE STEPS:

1. Conduct appropriate inspection, as required.
2. Pack parachute in accordance with the reference.
3. Complete administrative requirements.

REFERENCES:

1. TM 10443A-12A&P Tandem Offset Resupply Delivery System (TORDS)

MISCELLANEOUS:

SPECIAL PERSONNEL CERTS: Requires Tandem RAM Air Pack qualification taught via AMTT (TECOM).

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CHAPTER 11

MOS 0471 INDIVIDUAL EVENTS

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CHAPTER 11

MOS 0471 INDIVIDUAL EVENTS

11000. PURPOSE. This chapter contains individual training events for the Personnel Retrieval and Processing Specialist MOS.

11001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0471, indicating that the event is for MOS 0471, Personnel Retrieval and Processing Specialist.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	Administration	0471-ADMN-XXXX
OPS	Operations	0471-OPS-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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11002. INDEX OF EVENTS

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11003. 1000-LEVEL EVENTS

0471-ADMN-1101: Complete Personnel Retrieval and Processing (PRP) administrative requirements

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given desktop procedures, applicable forms and records.

STANDARD: To ensure 100% accuracy of documentation and remains are transported to CONUS within 48 hours.

PERFORMANCE STEPS:

1. Maintain inventory of forms.
2. Prepare appropriate Personnel Retrieval and Processing forms.
3. Complete Personnel Retrieval and Processing reports.
4. Complete Air Support Request (ASR) for evacuation.
5. Maintain Personnel Retrieval and Processing case files.
6. Complete evacuation procedures.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
-

0471-ADMN-1102: Maintain Mortuary Affairs Remains Tracking System (MARTS)

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given applicable forms, computer resources and records.

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STANDARD: To maintain the Mortuary Affairs Remains Tracking System (MARTS) with 100% accuracy.

PERFORMANCE STEPS:

1. Ensure security measures are established.
2. Update Mortuary Affairs Remains Tracking System (MARTS) as required.
3. Give appropriate notification of completion.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
-

0471-OPS-1701: Perform search and recovery mission

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: During daylight hours, given a search area, appropriate equipment, and without use of references or desktop procedures.

STANDARD: To locate and remove 100% of recoverable remains, portions and effects from the site.

PERFORMANCE STEPS:

1. Perform security.
2. Grid site (if situation allows).
3. Locate remains, portions, and effects.
4. Recover remains, portions, and effects.
5. Initiate administrative requirements.
6. Transport remains, portions, and effects to collection point.
7. Complete recovery site closure.
8. Complete administrative requirements.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations

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5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
6. Unit SOP

0471-OPS-1702: Operate extraction equipment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given search and recovery mission requiring extraction equipment, appropriate equipment, required references, personnel and during daylight hours.

STANDARD: To ensure adherence to 100% of the safety protocols and extract the remains without causing further deterioration.

PERFORMANCE STEPS:

1. Assess extraction area for hazards.
2. Operate extraction equipment as applicable.
3. Perform preventive maintenance, as required.

REFERENCES:

1. Unit SOP
2. Operators Manual for the Jaws of Life

SUPPORT REQUIREMENTS:

EQUIPMENT: The following equipment is utilized during extraction operations (mission dependent): (1) Jaws of Life; (2) Chop Saw (portable gas-powered cutting saw); (3) Chain Saw; and/or (4) Impact/Hammer Drill.

0471-OPS-1703: Perform interment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: During daylight hours, given remains, equipment and supplies.

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STANDARD: To inter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Process remains.
2. Process personal effects.
3. Prepare interment site.
4. Inter remains in accordance with religious protocol.
5. Close site.
6. Complete administrative requirements.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
6. Unit SOP

SUPPORT REQUIREMENTS:

EQUIPMENT: Heavy Equipment Support, Engineer Support

0471-OPS-1704: Perform disinterment

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: During daylight hours, given an interment site, equipment and supplies.

STANDARD: To disinter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Manually dig at interment site.
2. Uncover all remains at interment site.
3. Ensure case files match disinterment log.
4. Transport United States remains to collection point.
5. Transport other nation remains to appropriate government official.
6. Return interment site to original condition

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects

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2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
3. DOD Directive 1300.22 Mortuary Affairs Policy
4. FM 4-20.64 Mortuary Affairs Operations
5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
6. Unit SOP

SUPPORT REQUIREMENTS:

EQUIPMENT: Heavy Equipment and Engineer Support

0471-OPS-1705: Process remains, portions and personal effects

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given remains, portions and personal effects, case files, applicable administrative resources and supplies.

STANDARD: To perform processing and documentation procedures with 100% accuracy.

PERFORMANCE STEPS:

1. Receive remains/portions/effects.
2. Check for unexploded ordnance.
3. Check for sensitive material.
4. Check for unit equipment.
5. Properly dispose of applicable items.
6. Complete case file.
7. Coordinate movement.
8. Evacuate remains/portions/effects.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. Unit SOP
-

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0471-OPS-1706: Decontaminate remains, portions and effects

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given contaminated remains, portions, and effects, equipment, and references.

STANDARD: To ensure that remains, portions and effects are suitable for safe transport.

PERFORMANCE STEPS:

1. Inspect equipment for condition and serviceability.
2. Process remains, portions and effects through dismount point.
3. Process remains, portions and effects through wash and rinse station.
4. Process remains, portions and effects through quality control station.
5. Release remains, portions and effects.
6. Evacuate remains, portions and effects.

REFERENCES:

1. AF DD 2-1.8 Chemical, Biological and Nuclear Operations (Air Force)
 2. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 3. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 4. DOD Directive 1300.22 Mortuary Affairs Policy
 5. FM 4-20.64 Mortuary Affairs Operations
 6. JP 3-11 Joint Doctrine for Nuclear, Biological, and Chemical Defense
 7. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
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11004. 2000-LEVEL EVENTS**0471-ADMN-2101:** Supervise administrative requirements**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0471**BILLETS:** Personnel Retrieval Processing Specialist**GRADES:** SGT, SSGT**INITIAL TRAINING SETTING:** MOJT**CONDITION:** Given administrative forms, desktop procedures and computer support.**STANDARD:** To check all administrative requirements to ensure 100% accuracy.**PERFORMANCE STEPS:**

1. Ensure forms are accurate.
2. Review reports for accuracy.
3. Ensure all documents are appropriately matched to remains.
4. Communicate information with responsible unit and higher headquarters.

REFERENCES:

1. 10 U.S.C. Title 10 U.S. Code
 2. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 3. DOD 1400.25 DOD Civilian Personnel Manual (CPM)
 4. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 5. DOD Directive 1300.22 Mortuary Affairs Policy
 6. DOD Directive 1400.35 Defense Civilian Intelligence Personnel System
 7. FM 27-10 Law of Land Warfare
 8. FM 4-20.64 Mortuary Affairs Operations
 9. FM 4-20.65 Identification of Deceased Personnel
 10. JP 1-02 DOD Dictionary of Military and Associated Terms
 11. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 12. MCO P3040.4 Marine Corps Casualty Procedures Manual
 13. NAVMEDCOMINST 5360.1 Decedent Affairs Manual
 14. Unit SOP
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0471-MAIN-2601: Supervise preventive maintenance program on equipment**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0471**BILLETS:** Personnel Retrieval Processing Specialist

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GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given maintenance records, personnel, equipment and references.

STANDARD: To supervise the maintenance/record keeping/inspections for all required equipment with 100% accuracy.

PERFORMANCE STEPS:

1. Compile maintenance schedules.
2. Supervise maintenance.
3. Verify maintenance records.
4. Conduct maintenance inspections.

REFERENCES:

1. MCO P4790.2_ MIMMS Field Procedures Manual
 2. MCWP 4-11.4 Maintenance Operations
 3. TM 4700-15/1_ Ground Equipment Record Procedures
-

0471-OPS-2701: Supervise Mortuary Affairs Collection Point (MACP) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given mission requirement, personnel, equipment, and in an uncontaminated environment.

STANDARD: To ensure the receipt, processing, and evacuation of all remains, portions and effects within prescribed timelines, and with 100% accuracy of administrative requirements.

PERFORMANCE STEPS:

1. Assemble processing teams.
2. Monitor processing operations.
3. Monitor quality control.
4. Monitor evacuation procedures.
5. Review administrative documentation.
6. Implement required safeguards and procedures.

REFERENCES:

1. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 2. MCWP 4-1 Logistics Operations
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-11.8 Services in an Expeditionary Environment
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0471-OPS-2702: Supervise Search and Recovery Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: During daylight hours, given mission requirement, personnel and equipment.

STANDARD: Supervise the search and recovery of 100% of recoverable remains, portions and effects from the site utilizing proper procedures.

PERFORMANCE STEPS:

1. Assign search and recovery billets.
2. Coordinate logistical requirements.
3. Coordinate combat support requirements.
4. Develop fragmentary order (FRAGO).
5. Issue fragmentary order (FRAGO).
6. Execute search and recovery plan.
7. Supervise completion of administrative tasks.

CHAINED EVENTS: 0471-OPS-1701

REFERENCES:

1. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 2. MCWP 4-1 Logistics Operations
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-11.8 Services in an Expeditionary Environment
 5. Unit SOP
-

0471-OPS-2703: Supervise Theater Mortuary Evacuation Point (TMEP) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given mission requirement, personnel and equipment.

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STANDARD: To ensure the receipt, processing, and evacuation of all remains, portions and effects within prescribed timelines, and with 100% accuracy of administrative requirements.

PERFORMANCE STEPS:

1. Assemble processing teams.
2. Monitor processing operations.
3. Monitor quality control.
4. Monitor evacuation procedures.
5. Review administrative documentation.
6. Implement required safeguards and procedures.

REFERENCES:

1. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 2. MCWP 4-1 Logistics Operations
 3. MCWP 4-11 Tactical-Level Logistics
 4. MCWP 4-11.8 Services in an Expeditionary Environment
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0471-OPS-2704: Supervise Mortuary Affairs Decontamination Collection Point (MADCP) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given personnel, supplies, equipment, and contaminated remains, portions and effects.

STANDARD: To ensure that remains, portions and effects are suitable for safe transport.

PERFORMANCE STEPS:

1. Ensure tentage and equipment are set-up.
2. Ensure personnel are wearing appropriate CBRN equipment.
3. Ensure proper processing and handling through decontamination point.
4. Monitor quality control.
5. Effect evacuation of remains.

REFERENCES:

1. AF DD 2-1.8 Chemical, Biological and Nuclear Operations (Air Force)
2. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
3. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
4. DOD Directive 1300.22 Mortuary Affairs Policy
5. FM 4-20.64 Mortuary Affairs Operations

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6. JP 3-11 Joint Doctrine for Nuclear, Biological, and Chemical Defense
 7. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 8. MCWP 4-1 Logistics Operations
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 4-11.8 Services in an Expeditionary Environment
-

0471-OPS-2705: Supervise Interment Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: During daylight hours, given an interment site, equipment and supplies.

STANDARD: To inter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Determine site requirements.
2. Conduct a site survey.
3. Supervise interment procedures.
4. Notify higher headquarters of site closure.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. Unit SOP
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0471-OPS-2706: Supervise Disinterment Operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SGT, SSGT

INITIAL TRAINING SETTING: MOJT

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CONDITION: During daylight hours, given an interment site, equipment and supplies.

STANDARD: To disinter remains with 100% accuracy.

PERFORMANCE STEPS:

1. Determine site requirements.
2. Conduct a site survey.
3. Supervise disinterment procedures.
4. Notify higher headquarters of site closure.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal Effects
 2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. Unit SOP
-

0471-PLAN-2801: Prepare a Personnel Retrieval and Processing appendix to an operation order

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0471

BILLETS: Personnel Retrieval Processing Specialist

GRADES: SSGT

INITIAL TRAINING SETTING: MOJT

CONDITION: Given commanders intent, concept of operations, warning order, fragmentary order, logistics requirements and references.

STANDARD: To ensure appropriate Personnel Retrieval and Processing support is in accordance with the concept of operations.

PERFORMANCE STEPS:

1. Participate in operational planning team meetings, as required.
2. Verify the mission.
3. Verify the overall concept of operations.
4. Verify the overall concept and priorities of logistical support.
5. Analyze the situation, mission, execution, administration and logistics, and command and control.
6. Draft appropriate annex/appendix to the operation order.
7. Submit to the appropriate authority.

REFERENCES:

1. AR 638.2 Care and Disposition of Remains and Disposition of Personal

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Effects

2. DOD Directive 1300.18 Military Personnel Casualty Matters, Policies, and Procedures
 3. DOD Directive 1300.22 Mortuary Affairs Policy
 4. FM 4-20.64 Mortuary Affairs Operations
 5. JTTP 4.06 Joint Tactics, Techniques and Procedures for Mortuary Affairs in Joint Operations
 6. MCWP 5-1 Marine Corps Planning Process (MCP)
 7. Unit SOP
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LOG T&R MANUAL

CHAPTER 12

MOS 0472, INDIVIDUAL EVENTS

This chapter remains as a placeholder for future use. The 0472 Personnel Retrieval and Processing Technician (MOS) were recently converted to a Logistics specialty. Training events will be developed for this MOS in the future.

LOG T&R MANUAL

CHAPTER 13

MOS 0481 INDIVIDUAL EVENTS

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LOG T&R MANUAL

CHAPTER 13

MOS 0481 INDIVIDUAL EVENTS

13000. PURPOSE. This chapter contains individual training events for the Landing Support Specialist MOS.

13001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0481, indicating that the event is for MOS 0481, Landing Support Specialist.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	Administration and Personnel	0481-ADMN-XXXX
LOAD	Load Planning	0481-LOAD-XXXX
OPS	Operations	0481-OPS-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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13002. INDEX OF EVENTS

Event Code	Event	Page
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2000-LEVEL		
0481-ADMN-2401	Perform in-transit visibility (ITV) functions	13-8
0481-OPS-2401	Certify drop zone/landing zone for rotary wing, fixed wing, and tilt rotary aircraft	13-8
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0481-PLAN-2705	Plan rail operations	13-12
0481-PLAN-2706	Plan combat service support (CSS)	13-13

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13003. 1000-LEVEL EVENTS**0481-OPS-1401:** Conduct helicopter support team (HST) operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**MOS PERFORMING:** 0481**GRADES:** PVT, PFC, LCPL, CPL, SGT, SSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a task, personnel, equipment, tools, facilities and references.**STANDARD:** To transport all required equipment and personnel.**PERFORMANCE STEPS:**

1. Perform individual task(s) as required.
2. Establish communication.
3. Clear LZ.
4. Mark LZ.
5. Prepare load for lifting.
6. Stage PAX for loading.
7. Direct aircraft.
8. Perform internal loading operations.
9. Perform external lift hookup operations.

CHAINED EVENTS: LOG-OPS-3001**REFERENCES:**

1. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
-

0481-OPS-1402: Conduct rail operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 24 months**MOS PERFORMING:** 0481**BILLETS:** Landing Support Specialist**GRADES:** PVT, PFC, LCPL, CPL, SGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a task, personnel, equipment, tools, facilities and references.**STANDARD:** To load all required equipment for transportation.**PERFORMANCE STEPS:**

1. Perform individual task(s) as required.

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2. Identify rail car characteristics.
3. Perform automated information technology functions.
4. Direct loading/unloading of rail cars.
5. Tie down vehicle.

REFERENCES :

1. AAR American Association of Railroads
2. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
3. SDDCTEA PAM 5519 Tie Down Handbook for Rail Movements
4. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
5. Unit Move Automated Information System (AIS) Users Manual

0481-OPS-1403: Conduct port operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To complete operation with 100% accountability.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identify ship characteristics.
3. Perform automated information technology functions.
4. Direct equipment movement for loading/offloading.
5. Direct PAX movement for loading/offloading.

CHAINED EVENTS: LOG-OPS-3708

REFERENCES :

1. JP 3-02 Amphibious Operations
2. MCWP 3-31.5 Ship-to-Shore Movement
3. MCWP 4-11 Tactical-Level Logistics
4. MCWP 4-11.3 Transportation Operations
5. Unit Move Automated Information System (AIS) Users Manual

0481-OPS-1404: Conduct beach operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

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BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To complete ship-to-shore operations IAW the landing plan.

PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identify landing craft characteristics.
3. Set up beach landing zones.
4. Submit required reports.
5. Perform automated information technology functions.
6. Direct equipment movement for loading/offloading.
7. Anchor the panels.

CHAINED EVENTS: LOG-OPS-3707

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. JP 3-02.2 Amphibious Embarkation
 6. MCWP 3-31.5 Ship-to-Shore Movement
 7. TM 06831A-15 Operating and Maintenance Instructions MO-MAT (Assault Trackway) Kits.
 8. Unit Move Automated Information System (AIS) Users Manual
-

0481-OPS-1405: Conduct arrival airfield control group/departure airfield control group (A/DACG) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Specialist

GRADES: PVT, PFC, LCPL, CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To support air movement operations IAW the references.

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PERFORMANCE STEPS:

1. Perform individual task(s) as required.
2. Identify aircraft characteristics.
3. Identify material handling equipment requirements.
4. Direct equipment movement for loading/offloading.
5. Direct PAX movement for loading/offloading.

REFERENCES:

1. AMCPAM 36-1 AMC Affiliation Program Airlift Planners Course
 2. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 3. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 4. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 5. MCWP 4-11.3 Transportation Operations
 6. TO 35D33-2-2-2 Instructions with parts breakdown 463L air cargo pallets
 7. TO 35D33-2-3-1 Maintenance and Repair instructions Air Cargo Pallet nets
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13004. 2000-LEVEL EVENTS**0481-ADMN-2401:** Perform in-transit visibility (ITV) functions**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months**MOS PERFORMING:** 0481**BILLETTS:** Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief**GRADES:** CPL, SGT, SSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a task, unit deployment data, personnel and In-Transit Visibility (ITV) assets.**STANDARD:** To ensure visibility of all assets during transit.**PERFORMANCE STEPS:**

1. Determine ITV asset requirements.
2. Inventory ITV assets.
3. Inspect ITV assets.
4. Assemble ITV assets.
5. Implement ITV assets.
6. Validate upload of unit data into DOD ITV systems.
7. Verify asset tracking using DOD ITV systems.

CHAINED EVENTS:

LOG-OPS-3708

LOG-OPS-3001

LOG-OPS-3707

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
4. PDK UM PDK Users Manual
5. Unit Move Automated Information System (AIS) Users Manual

SUPPORT REQUIREMENTS:**EQUIPMENT:** Computer with LOGAIS, RFID Tag, RFID Interrogator Suite, Internet Connectivity.

0481-OPS-2401: Certify drop zone/landing zone for rotary wing, fixed wing, and tilt rotary aircraft**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 6 months

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MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure that DZ/LZ support CSS operations.

PERFORMANCE STEPS:

1. Identify DZ/LZ area.
2. Conduct site survey.
3. Determine marking requirements.
4. Coordinate support.

REFERENCES:

1. AFI 13-217 Drop Zone and Landing Zone Operations
 2. FM 3-21.38 Pathfinder Operations
-

0481-PLAN-2701: Plan helicopter support team (HST) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct reconnaissance.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

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REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
 5. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 6. MCWP 4-1 Logistics Operations
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.3 Transportation Operations
-

0481-PLAN-2702: Plan port operations**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0481**BILLETS:** Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief**GRADES:** CPL, SGT, SSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a task, personnel, equipment, tools, facilities and references.**STANDARD:** To ensure 100% accountability and timely throughput of required equipment and personnel.**PERFORMANCE STEPS:**

1. Determine requirements.
2. Coordinate support.
3. Conduct site survey.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. MCRP 3-31B Amphibious Ships and Landing Craft
 6. MCRP 5-12A Operational Terms and Graphics
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.3 Transportation Operations
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0481-PLAN-2703: Plan beach operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct recon.
4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

CHAINED EVENTS: LOG-OPS-3707

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
 6. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 7. MCWP 4-11 Tactical-Level Logistics
 8. MCWP 4-11.3 Transportation Operations
-

0481-PLAN-2704: Plan Arrival Airfield Control Group/Departure Airfield Control Group (A/DACG) operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

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INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Provide input as required.
4. Conduct confirmation brief.
5. Implement procedures.

REFERENCES:

1. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 2. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 3. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 4. JP 3-02 Amphibious Operations
 5. MCRP 4-11.3E Multi-service Helicopter Sling Load: Vols I, II and III
 6. MCRP 5-12A Operational Terms and Graphics
 7. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 8. MCWP 4-1 Logistics Operations
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 4-11.3 Transportation Operations
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0481-PLAN-2705: Plan rail operations

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 27 months

MOS PERFORMING: 0481

BILLETS: Landing Support Detachment Chief, Landing Support Platoon Sergeant, Landing Support Specialist, Logistics Chief

GRADES: CPL, SGT, SSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a task, personnel, equipment, tools, facilities and references.

STANDARD: To ensure 100% accountability and timely throughput of required equipment and personnel.

PERFORMANCE STEPS:

1. Determine requirements.
2. Coordinate support.
3. Conduct site survey.

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4. Provide input as required.
5. Conduct confirmation brief.
6. Implement procedures.

REFERENCES :

1. AAR American Association of Railroads
 2. CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
 3. DOD 4500.9-R (Part I) Defense Transportation Regulation Part I (Passenger Movement)
 4. DOD 4500.9-R (Part II) Defense Transportation Regulation Part II (Cargo Movement)
 5. DOD 4500.9-R (Part III) Defense Transportation Regulation Part III (Mobility)
 6. JP 3-02 Amphibious Operations
 7. MCRP 5-12A Operational Terms and Graphics
 8. MCWP 3-31.5/FMFM 1-8 Ship-to-Shore Movement
 9. MCWP 4-11 Tactical-Level Logistics
 10. MCWP 4-11.3 Transportation Operations
 11. TM 55-2200-001-12 Application of Blocking, Bracing and Tie Down Materials for Rail Transport
-

0481-PLAN-2706: Plan combat service support (CSS)**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**MOS PERFORMING:** 0481**BILLETTS:** Logistics Chief**GRADES:** SSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given a task, personnel, equipment, tools, facilities and references.**STANDARD:** To ensure all CSS requirements are met.**PERFORMANCE STEPS:**

1. Determine requirements.
2. Coordinate support.
3. Provide input as required.
4. Implement procedures.

CHAINED EVENTS: LOG-OPS-5001**REFERENCES :**

1. JP 3-02.2 Amphibious Embarkation
2. MCRP 4-11.2 Patient Movement
3. MCRP 4-11.3D/NWP 22.5 The Naval Beach Group
4. MCRP 5-12 Organization of Marine Corps Forces
5. MCWP 3-17 Engineer Operations
6. MCWP 3-2 Aviation Operations

7. MCWP 4-1 Logistics Operations
 8. MCWP 4-11 Tactical-Level Logistics
 9. MCWP 4-11.3 Transportation Operations
 10. MCWP 4-11.6 Petroleum and Water Logistics Operations
 11. MCWP 4-11.7 MAGTF Supply Operations
 12. MCWP 4-11.8 Services in an Expeditionary Environment
 13. MCWP 4-12 Operational-Level Logistics
 14. TM 11240-15/4 Motor Transport Technical Characteristics
 15. UM 4400-124 SASSY Using Unit Procedures
-

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CHAPTER 14

MOS 0491 INDIVIDUAL EVENTS

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CHAPTER 14

MOS 0491 INDIVIDUAL EVENTS

14000. PURPOSE. This chapter contains individual training events for the Combat Service Support Chief MOS.

14001. EVENT CODING. Events in the T&R Manual are depicted with an up to 12-digit, 3-field alphanumeric system, i.e. XXXX-XXXX-XXXX. In some cases, all 12 digits may not be used. This chapter utilizes the following methodology:

a. Field one. Each event starts with 0491, indicating that the event is for MOS 0491, Combat Service Support Chief.

b. Field two. This field is alpha characters indicating a functional area. In this chapter, the functional areas are as follows:

<u>Code</u>	<u>Description</u>	<u>Example</u>
ADMN	Administration and Personnel	0491-ADMN-XXXX
OPS	Operations	0491-OPS-XXXX
PLAN	Planning	0491-PLAN-XXXX

c. Field three. All individual events within T&R Manuals are either 1000-level for events taught at MOS-producing formal schools or 2000-level for events taught at advanced-level schools or MOJT. This chapter contains 1000 and 2000-level events.

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14002. INDEX OF EVENTS

Event Code	Event	Page
2000-LEVEL		
0491-ENG-2001	Coordinate general engineering support	14-4
0491-GEN-2002	Perform the general duties of an LCE operations chief	14-5
0491-HSS-2003	Coordinate health services support	14-6
0491-MNT-2004	Coordinate maintenance support	14-7
0491-OPS-2005	Coordinate amphibious operations	14-8
0491-OPS-2006	Manage unit training	14-9
0491-OPS-2007	Coordinate a unit move	14-10
0491-OPS-2008	Participate in the Marine Corps Planning Process (MCP)	14-11
0491-SUP-2009	Coordinate supply support	14-12
0491-SVC-2010	Coordinate services support	14-12
0491-TRAN-2011	Coordinate transportation support	14-13

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14003. 2000-LEVEL EVENTS**0491-ENG-2001:** Coordinate general engineering support**EVALUATION-CODED:** NO**SUSTAINMENT INTERVAL:** 12 months**DESCRIPTION:** General engineering comprises those engineer tasks that establish and maintain the infrastructure required to conduct and sustain military operations.**MOS PERFORMING:** 0491, 1371, 3043, 3537**BILLETS:** Logistics Chief, Operations Chief, Plans Chief**GRADES:** GYSGT, MSGT, MGYSGT**INITIAL TRAINING SETTING:** FORMAL**CONDITION:** Given higher's operations order, commander's guidance, resources, while operating in a joint, coalition, inter-agency environment, as part of a MAGTF, provided with supported unit requirements and given priorities of engineer effort.**STANDARD:** To properly task and resource engineers to establish the infrastructure necessary to conduct and sustain MAGTF operations.**PERFORMANCE STEPS:**

1. Identify engineer mission requirements.
2. Identify organic/non-organic general engineering capabilities.
3. Identify MAGTF engineer command and support relationships.
4. Identify employment considerations for general engineering.
5. Identify the prioritized engineer project list process.
6. Coordinate engineer shortfalls (TO&E).
7. Manage CL IV materials.
8. Support the integration of engineer planning products into the Marine Corps Planning Process (MCPD).
9. Integrate engineer information into appropriate C2 systems and collaborative tools within the COC.

REFERENCES:

1. JP 3-34 Engineer Doctrine for Joint Operations
2. MCWP 3-17 Engineer Operations
3. MCWP 4-11 Tactical-Level Logistics
4. MCWP 5-1 Marine Corps Planning Process (MCPD)

SUPPORT REQUIREMENTS:**OTHER SUPPORT REQUIREMENTS:** Internet access, with a CAC card, may be required in order to complete this event.

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MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Will familiarize the student with engineer planning considerations in support of MAGTF operations, apply tactical logistics principles while planning general engineering support during MAGTF operations.

0491-GEN-2002: Perform the general duties of an LCE operations chief

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the commander's guidance, mission, and resources.

STANDARD: To provide oversight on the functional areas of logistics.

PERFORMANCE STEPS:

1. Manage a combat operations center (COC).
2. Establish a combat operations center (COC).
3. Supervise the security and organization of the combat operations Center (COC).
4. Monitor communications with higher, adjacent, supported and supporting units.
5. Enforce battle rhythm.
6. Train the watch section personnel.
7. Produce products in support of the operations section.
8. Execute forward, main and rear CP capabilities/requirements.
9. Establish forward, main and rear CP.
10. Supervise transition control of operations to forward, main or rear combat operations Center (COC) as required.
11. Supervise in-transit visibility asset tracking.
12. Supervise total asset visibility.
13. Employ Automated Information Systems (AIS) to Support Deployment and Distribution Planning.
14. Organize C2 and log AIS.
15. Supervise the use of C2 and log AIS.
16. Monitor common operational picture (COP) of logistics support utilizing C2 systems and AIS.
17. Coordinate cross boundary movement.
18. Monitor convoy operations.
19. Manage unit movement coordination center (UMCC) operations.
20. Coordinate aviation integration.
21. Assist in the Marine Corps Planning Process (MCP).)
22. Determine logistics capabilities in joint, interagency, NGO, multi-national and coalition environment.
23. Determine MAGTF logistics capabilities.

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24. Incorporate Naval Logistics Integration into planning.
25. Understand Defense Logistics Agency capabilities.
26. Plan Battlefield Distribution Operations.
27. Plan combat service support operations across the range of military operations.
28. Plan logistics to support civil military operations.
29. Plan logistics to support HADR operations.
30. Plan logistics to support peacekeeping operations.
31. Plan logistics to support defense support to civilian authorities.
32. Plan Support for Maritime Positioning Forces (MPF) Operations.
33. Identify cultural/regional effects on CSS operations.
34. Coordinate non-organic support requirements.
35. Monitor contracting requirements.
36. Understand the limitations/capabilities of a contingency contracting officer.
37. Coordinate force deployment planning and execution (FDP&E).
38. Coordinate reception staging onward movement and integration (RSO&I).
39. Coordinate reconstitution.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: Formal training is open to chiefs serving as operations chiefs for logistics orientated units in the other elements of the MAGTF type units. **LEARNING OUTCOME:** Apply tactical/operational logistics principles in support of MAGTF operations. Identify how the six functions of logistics support MAFTF operations.

0491-HSS-2003: Coordinate health services support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure health services support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify health services support requirements.
2. Identify organic/non-organic health services support capabilities.
3. Coordinate health services support.
4. Identify casualty evacuation procedures.
5. Coordinate special programs.
6. Incorporate the appropriate level of care into the health service support plan.

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7. Integrate health service support throughout the range of military operations.

REFERENCES:

1. JP 4-02 Doctrine for Health Service Support in Joint Operations
2. MCO 6600.3 Dental Health Care Program
3. MCRP 4-11.1D Field Hygiene and Sanitation
4. MCRP 4-11.1G Patient Movement
5. MCWP 4-1 Logistics Operations
6. MCWP 4-11 Tactical-Level Logistics
7. MCWP 4-11.1 Health Service Support Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: To understand the functions, categories, and planning considerations of health service support. Apply tactical logistics principles while planning health service support during MAGTF operations.

0491-MNT-2004: Coordinate maintenance support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure maintenance support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify maintenance requirements.
2. Identify maintenance capabilities.
3. Organize maintenance support to sustain scheme of maneuver.
4. Manage maintenance actions.
5. Monitor equipment readiness.
6. Monitor equipment reporting.
7. Coordinate intermediate maintenance support.
8. Identify field service representative capabilities/requirements.
9. Coordinate vehicle recovery operations.
10. Coordinate principal end item (PEI) rotation plan.

REFERENCES:

1. MCWP 4-11.4 Maintenance Operations

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MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: As one of the six functions of tactical logistics; identify how planning maintenance sustains MAGTF operations.

0491-OPS-2005: Coordinate amphibious operations

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given personnel, the commander's guidance, mission, resources an amphibious operation, operations order, and landing plan.

STANDARD: To support MAGTF amphibious operations in accordance with the landing plan and concept of operations.

PERFORMANCE STEPS:

1. Identify the concept of amphibious operations.
2. Participate in the planning process for amphibious operations.
3. Manage required planning documentation.
4. Supervise embarkation responsibilities.
5. Monitor command and control for amphibious operations.
6. Support the landing plan.
7. Supervise a TACLOG.
8. Organize C4I for amphibious operations.
9. Determine logistics planning considerations.
10. Monitor CSS requests for ship-to-shore movement.
11. Coordinate ship-to-shore movement.
12. Determine ship-to-shore sustainment movement control requirements.
13. Monitor ship-to-shore movement.
14. Monitor the requested support movement ashore.

REFERENCES:

1. JP 3-02 Joint Doctrine for Amphibious Operations

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: The intent is to initiate the shaping of the students' understanding of tactical-level logistics, how the functions inter-relate, and how Logistics affects, and is affected by amphibious operations.

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0491-OPS-2006: Manage unit training

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a unit, commander's guidance, METL, T&R Manuals, required external support and equipment, and references.

STANDARD: To ensure units are prepared to deploy globally in support of combatant commanders requirements.

PERFORMANCE STEPS:

1. Analyze Higher Headquarters' Mission Essential Task List (METL) in order to determine subordinate units' tasks.
2. Derive tasks from higher headquarters' Mission Essential Task List and translate into subordinate units' METs.
3. Identify core METs from associated T&R Manuals.
4. Develop training that supports subordinate units' METs.
5. Determine and procure requirements that support the training plan.
6. Use developed METs to determine the training tasks.
7. Identify and request the required resources.
8. Prepare a training concept.
9. Supervise the training objectives.
10. Review lessons learned/after action reports.
11. Integrate logistical support and C2 into training plan.
12. Incorporate ORM into the training plan.
13. Conduct the instruction.
14. Prepare combat standard operating procedures.
15. Prepare and prioritize mission specific requirements.
16. Create a battalion/regimental pre-deployment training plan.
17. Execute training, evaluation, and remediation.
18. Evaluate training in accordance with appropriate T&R manual.
19. Plan for remediation as required.
20. Update individual training records.
21. Provide inputs and oversight of the DRRS report.
22. Develop and implement validation of combat standard operation procedures.
23. Supervise the remediation plans.
24. Produce lessons learned/after action report.

REFERENCES:

1. MCO 1553.1A The Systems Approach to Training
 2. MCRP 3-0A Unit Training Management Guide
 3. MCRP 3-0B How to Conduct Training
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0491-OPS-2007: Coordinate a unit move

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

DESCRIPTION: This event will cover operational deployments or deployments for training.

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement to deploy across the range of military operations (ROMO).

STANDARD: To ensure units arrive mission capable in an area of operations.

PERFORMANCE STEPS:

1. Conduct movement training for unit personnel.
2. Train/certify personnel for the submission of AIS products.
3. Review the ConOps of the OpOrd to determine support requirement.
4. Support development of the embarkation plan.
5. Determine lift requirements.
6. Execute the embarkation plan.
7. Coordinate reception staging onward movement and integration (RSO&I).
8. Ensure equipment and cargo is prepared/certified for embarkation.
9. Coordinate with movement control organizations.
10. Supervise the submission of transportation requirements to higher headquarters.
11. Supervise the submission of AIS data.
12. Track INTRA/INTER theater movement.
13. Disseminate a movement schedule to the appropriate units.
14. Conduct the movement.

REFERENCES:

1. AAR American Association of Railroads
2. CFR 49 PARTS 100-185 Code of Federal Regulations - Transportation
3. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
4. MCO 4500.9 Defense Transportation Regulations
5. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
6. MDSS II HM MAGTF Deployment Support System, User's Help Manual

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Marines will be educated on the Systems Approach to Training with respect to unit planning so that each understands his or her role in the training process.

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0491-OPS-2008: Participate in the Marine Corps Planning Process (MCPP)

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: By producing plans and orders which support the accomplishment of the mission and commander's intent.

PERFORMANCE STEPS:

1. Conduct problem framing.
2. Develop courses of action.
3. Wargame courses of action.
4. Compare and recommend courses of action.
5. Develop orders.
6. Execute transition.

REFERENCES:

1. CJCSM 3122.01 Joint Operational Planning And Execution System (JOPES), Volume I
2. CJCSM 3122.02 Joint Operation Planning and Execution System (JOPES), Volume III, (Crisis Action Time-Phased Force and Deployment Data Development and Deployment Execution)
3. CJCSM 3122.03 Joint Operation Planning and Execution System, Volume II (Planning Formats and Guidance)
4. FORCESFOR SecDef MEMO; Forces for Unified Commands
5. JP 0-2 Unified Action Armed Forces (UNAAF)
6. JP 3-0 Joint Doctrine for Joint Operations
7. JP 3-35 Joint Deployment and Redeployment Operations
8. JP 5-0 Doctrine for Planning Joint Operations
9. JP 5-00.2 Joint Task Force Planning Guidance and Procedures
10. MCDP-5 Planning
11. MCO P3000.18 Marine Corps Planner's Manual
12. MCWP 5-1 Marine Corps Planning Process (MCPP)
13. MSTP PAM 4-0.2 A Logistics Planner's Guide
14. MSTP PAM 5-0.2 Operational Planning Team Guide

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: To be able to participate as a staff or Operational Planning Team (OPT) member in the conduct of the Marine Corps Planning Process.

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0491-SUP-2009: Coordinate supply support

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given a requirement, personnel, and equipment.

STANDARD: To ensure supply support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify requirements.
 2. Identify organic/non-organic supply support capabilities/limitations.
 3. Manage an operational deployment block in support of MAGTF operations.
 4. Plan initial and sustainment supply requirements.
 5. Facilitate MAGTF Distribution Management Operations (DMO).
 6. Identify organic distribution capabilities/limitations.
 7. Manage reporting requirements.
 8. Monitor MAGTF equipment accountability.
 9. Monitor a unit's budget.
 10. Determine contracting support requirements.
 11. Support planning for aviation peculiar ground logistics supply support.
-

0491-SVC-2010: Coordinate services support

EVALUATION-CODED: NO **SUSTAINMENT INTERVAL:** 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure services support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify combat service support services capabilities.
2. Identify command services capabilities.
3. Identify the requirement for combat service support services.

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4. Identify the requirement for command services.
5. Coordinate/plan the employment of combat service support services.

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Apply tactical logistics principles while planning services support during MAGTF operations.

0491-TRAN-2011: Coordinate transportation support

EVALUATION-CODED: NO

SUSTAINMENT INTERVAL: 12 months

MOS PERFORMING: 0491, 1371, 3043, 3537

BILLETS: Logistics Chief, Operations Chief, Plans Chief

GRADES: GYSGT, MSGT, MGYSGT

INITIAL TRAINING SETTING: FORMAL

CONDITION: Given the operation order, commander's guidance, resources, and the requirement to support a MAGTF.

STANDARD: To ensure transportation support, when integrated with the other functional areas of logistics, satisfies the unit's mission.

PERFORMANCE STEPS:

1. Identify transportation requirements.
2. Identify organic/non-organic transportation capabilities.
3. Coordinate force deployment planning and execution (FDP&E).
4. Monitor Time phase force deployment data (TPFDD) products.
5. Coordinate movement planning.
6. Coordinate with movement control agencies.
7. Coordinate landing force support party (LFSP) operations.
8. Coordinate landing support operations.
9. Coordinate air delivery operations.
10. Coordinate helicopter support operations.
11. Coordinate beach operations.
12. Coordinate port operations.
13. Coordinate rail head operations.
14. Coordinate arrival/departure airfield control group operation.
15. Plan/coordinate convoy operations.
16. Direct motor transport operations.
17. Coordinate MHE support operations.

REFERENCES:

1. DOD 4500.9-R Defense Transportation Regulation Parts I, II & III
2. FMFM 1-5 Maritime Prepositioning Force (MPF) OPS
3. FMFM 4-1 Combat Service Support Operations (PCN 13900027300)
4. FMFM 4-3 MAGTF Landing Support Operations
5. FMFM 4-6 Movement of Units in Air Force Aircraft
6. JP 3-02 Joint Doctrine for Amphibious Operations
7. JP 3-02.1 Landing Force Operations

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8. JP 3-02.2 Joint Doctrine for Amphibious Embarkation
9. MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
10. MCRP 4-11.3 Transportation Operations
11. MCRP 4-11.3G Unit Embarkation Handbook
12. MCRP 4-23E Multiservice Helo Sling Load Basic Operations and Equipment
13. MCWP 3-31.5 Ship-to-Shore Movement

MISCELLANEOUS:

ADMINISTRATIVE INSTRUCTIONS: LEARNING OUTCOME: Apply tactical logistics principles while planning transportation support during MAGTF operations. Identify how the function of tactical logistics supports MAFTF operations.

LOGISTICS T&R MANUAL

APPENDIX A

ACRONYMS AND ABBREVIATIONS

A/DACG	Arrival/Departure Airfield Control Group
AA&E	Arms, Ammunitions, and Explosives
AALPS	Automated Air Load Planning System
ADC	Area Damage Control
ADMN.	Administrative
AIS	Automated Information System(s)
AIT	Automated Information Technology
ALE	Air Liaison Element
AO	Area of Operations
APOE	Aerial Port of Embarkation
ASR	Air Support Request
BFT	Blue Force Tracker
BII	Basic Issue Items
BSA	Beach Support Area; Brigade Support Area
C2	Command and Control
C4I	Command, Control, Communications, Computers, and Intelligence
CAMP	Calibration and Maintenance Program
CCA	Combat Cargo Assistant
CCIR	Commander's Critical Information Requirement
CCO	Combat Cargo Officer
CDS	Container Delivery System
CLB	Combat Logistics Battalion
CLR	Combat Logistics Regiment
CLS	Contractor Logistics Support
COC	Combat Operations Center
COMM	Communications
COP	Common Operating Picture
COP	Common Operational Picture
CPAC	Corrosion Prevention and Control Program
CPI	Continuous Process Improvement
CR	Change Request
CSS	Combat Service Support
CSSA	Combat Service Support Area
CYPRES	Cybernetic Parachute Release System
DCP	Distribution Control Point
DLMP	Depot Level Maintenance Program
DMO	Distribution Management Office, Distribution Management Operations
DS	Direct Support
DZSO	Drop Zone Safety Officer
EDL	Equipment Density List
EFTC	Extraction Force Transfer Coupling
ELMP	Enterprise Lifecycle Maintenance Planning
ENG	Engineer
EPMR	Embarked Personnel and Materials Report
EPW	Enemy Prisoner of War
EXCU	Execution
FARP	Forward Arming and Refueling Point

FCSSA Forward Combat Service Support Area
FDP&E Force Deployment Planning and Execution
GEN. General
GS General Support
HADR. Humanitarian Assistance and Disaster Relief
HAHO. High Altitude High Opening
HALO High Altitude Low Opening
HAS Higher, Adjacent, and Supporting
HASS. Higher, Adjacent, Supporting, and Supported (units)
HAZDIP. Hazardous Material Diplomatic Clearance
HG. High Glide
HN Host Nation
HNS. Host Nation Support
HRST. Helicopter Rope Suspension Techniques
HSS Health Service Support
HST. Helicopter Support Team
IDL Internal Distribution Listing
IDP. Internally Displaced Person
IED. Improvised Explosive Device
IGC Integrated Development Environment/Global Transportation Network Coverage
IO. Information Operations
ITV. In-Transit Visibility
JAI Joint Airdrop Inspection
JOPES. Joint Operation Planning and Execution System
JPADS Joint Precision Airdrop System
LCAC Landing Craft Air Cushioned
LCE Logistics Combat Element
LFORM Landing Force Operational Reserve Materiel
LFSP Landing Force Support Party
LFSP Landing Force Support Party
LOG. Logistics
LOI Letter of Instruction
LS Landing Support
LZSA Landing Zone Support Area
MACP. Mortuary Affairs Collection Point
MADCP Mortuary Affairs Decontamination Collection Point
MAIN Maintenance
MAIS. Maintenance Automated Information Systems
MARES Marine Corps Automated Readiness Evaluation System
MARTS Mortuary Affairs Remains Tracking System
MCAP. Marine Corps Administrative Procedures
MCC. Movement Control Center
MCPP. Marine Corps Planning Process
MFF Military Free Fall
MHE Materials Handling Equipment
MIMMS. Marine Corps Integrated Maintenance Management System
MISC. Miscellaneous Procedures
MLG Marine Logistics Group
MLSR. Missing, Lost, Stolen, or Recovered
MMSOP Maintenance Management Standing Operating Procedures
MNT. Maintenance
MOE. Measures of Effectiveness
MPF Maritime Prepositioning Forces
MRP Materiel Returns Program
MSL. Military Shipping Label

MTTB. Military Tandem Tethered Bundle
MTVS. Military Tandem Vector System
O&M Operations & Maintenance
OE&AS Organization for Embarkation and Assignment to Shipping
OPS Operations
OPT. Operational Planning Team
ORM. Operational Risk Management
ORM. Operational Risk Management
OSH Occupational Safety and Health
OVE On Vehicle Equipment
PBL. Performance Based Logistics
PEB. Pre-Expended Bins
PEI Principle End Item
PHAOS Parachutist High-Altitude Oxygen Systems
PIR Priority Intelligence Requirement
PKI/CAC Public Key Infrastructure/Common Access Card
PLAN. Planning
PLMS. Publications Library Management System
PMCS. Preventive Maintenance Checks & Services
POD. Port of Debarkation
POE. Port of Embarkation
POP Performance Oriented Packaging
PPE. Personal Protective Equipment
PQDR. Product Quality Deficiency Report
PRP Personnel Retrieval and Processing
PSO Parachute Safety Officer
RFID. Radio Frequency Identification
RRP. Repair and Replenishment Point
RSO&I Reception Staging Onward Movement and Integration
SAAM. Special Assignment Airlift Mission
SASSY Supported Activities Supply System
SHIPALTS. Ship Alterations
SLCP. Ship Loading Characteristics Pamphlet
SLE. Surface Liaison Element
SMR Systems Modification Request
SORTS Status of Resources and Training System
SUP Supply
SVC Services
T/E Table of Equipment
T/O Table of Organization
TACLOG. Tactical Logistics
TCN Transportation Control Number
TEEP. Training Exercise Employment Plan
TFSMS Total Force Structure Management System
TFSP. Total Force Structure Process
TLCSM Total Lifecycle Systems Management
TMDE. Test, Measurement, and Diagnostic Equipment
TMEP. Theater Mortuary Evacuation Point
TO&E. Table of Organization and Equipment
TO/E. Table of Organization and Equipment
TORDS Tandem Offset Resupply Delivery System
TORDS-E Tandem Offset Resupply Delivery System Equipment
TORDS-P Tandem Offset Resupply Delivery System-Personnel
TPFDD Time Phase Force Deployment Data
TRAN. Transportation

TRI. Technical Rigger Inspection
ULN. Unit Line Number
UMA. Unit Marshalling Area
UMCC. Unit Movement Coordination Center
UMMIPS Uniformed Materiel Management Issue and Priority System
WIR Recoverable Item Program
WRM War Reserve Materiel

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APPENDIX B

GLOSSARY

TERMS AND DEFINITIONS

Terms in this glossary are subject to change as applicable orders and directives are revised. Terms established by Marine Corps orders or directives take precedence after definitions found in Joint Pub 1-02, DOD Dictionary of Military and Associated Terms.

A

Assessment - An informal judgment of the unit's proficiency and resources made by a commander or trainer to gain insight into the unit's overall condition. It serves as the basis for the midrange plan. Commanders make frequent use of these determinations during the course of the combat readiness cycle in order to adjust, prioritize, or modify training events and plans.

C

Chaining. A process that enables unit leaders to effectively identify subordinate collective events and individual events that support a specific collective event. For example, collective training events at the 4000-level are directly supported by collective events at the 3000-level. Utilizing the building block approach to progressive training, these collective events are further supported by individual training events at the 1000 and 2000-levels. When a higher-level event by its nature requires the completion of lower level events, they are "chained"; Sustainment credit is given for all lower level events chained to a higher event.

Collective Event - A clearly defined, discrete, and measurable activity, action, or event (i.e., task) that requires organized team, or unit performance, and leads to accomplishment of a mission or function. A collective task is derived from unit missions or higher-level collective tasks. Task accomplishment requires performance of procedures composed of supporting collective, or individual tasks. A collective task describes the exact performance a group must perform in the field under actual operational conditions. The term "collective" does not necessarily infer that a unit accomplishes the event. A unit, such as a squad or platoon conducting an attack, may accomplish a collective event, or it may be executed by an individual to accomplish a unit mission; such as a battalion supply officer completing a reconciliation of the battalion's CMR. Thus, many collective events will have titles that are the same as individual events; however, the standard and condition will be different because the scope of the collective event is broader.

Collective Training Standards (CTS) - Criteria that specify mission and functional area unit proficiency standards for combat, combat support, and combat service support units. They include tasks, conditions, standards,

evaluator instruction, and key indicators. CTS are found within collective training events in T&R Manuals.

Combat Readiness Percentage (CRP) - The CRP is a quantitative numerical value used in calculating collective training readiness based on the E-coded events that support the unit METL. CRP is a concise measure of unit training accomplishments. This numerical value is only a snapshot of training readiness at a specific time. As training is conducted, unit CRP will continuously change.

Component Events - Component events are the major tasks involved in accomplishing a collective event. Listing these tasks guide Marines toward the accomplishment of the event, and help evaluators determine if the task has been done to standard. These events may be lower-level collective or individual events that must be accomplished.

Condition - The condition describes the training situation or environment under which the training event or task will take place. Expands on the information in the title by identifying when, where, and why the event or task will occur, and what materials, personnel, equipment, environmental provisions, and safety constraints must be present to perform the event or task in a real-world environment. Commanders can modify the conditions of the event to best prepare their Marines to accomplish the assigned mission (e.g. in a desert environment; in a mountain environment; etc.).

Core Capabilities - Core capabilities are the essential functions a unit must be capable of performing during extended contingency/combat operations. Core unit capabilities are based upon mission essential tasks derived from operational plans, doctrine, and established tactics, techniques, and procedures.

Core Plus Skills - Core plus skills are those advanced skills that are environment, mission, rank, or billet specific. 2000-level training is designed to make Marines proficient in core skills in a specific billet, or at a specified rank at the Combat Ready level. 3000-8000-level training produces combat leaders, and fully qualified section members at the Combat Qualified level. Marines trained at the Combat Qualified level are those the commanding officer feels are capable of accomplishing unit-level missions, and of directing the actions of subordinates. Many core plus tasks are learned via MOJT, while others form the base for curriculum in career level MOS courses taught by the formal school.

Core Skills - Core skills are those essential basic skills that "make" a Marine, and qualify that Marine for an MOS. They are the 1000-level skills introduced in entry-level training at formal schools and refined in operational units.

D

Deception. Those measures designed to mislead the enemy by manipulation, distortion, or falsification of evidence to induce the enemy to react in a manner prejudicial to the enemy's interests. (JP 1-02)

Defense Readiness Reporting System (DRRS) - A comprehensive readiness reporting system that evaluates readiness on the basis of the actual missions and capabilities assigned to the forces. It is a capabilities-based, adaptive, near real-time reporting system for the entire Department of Defense.

E

E-Coded Event - An "E-Coded" event is a collective T&R event that is a noted indicator of capability, or a noted Collective skill that contributes to the unit's ability to perform the supported MET. As such, only "E-Coded" events are assigned a CRP value, and used to calculate a unit's CRP.

Evaluation - Evaluation is a continuous process that occurs at all echelons, during every phase of training, and can be both formal, and informal. Evaluations ensure that Marines and units are capable of conducting their combat mission. Evaluation results are used to reallocate resources, reprioritize the training plan, and plan for future training.

Event (Training) - An event is a significant training occurrence that is identified, expanded, and used as a building block, and potential milestone for a unit's training. An event may include formal evaluations. (2) An event within the T&R Program can be an individual training evolution, a collective training evolution, or both. Through T&R events, the unit commander ensures that individual Marines, and the unit progress from a combat capable status to a Fully Combat Qualified (FCQ) status.

Event Component - The major procedures (i.e., actions) that must occur to perform a Collective Event to standard.

I

Individual Readiness - The individual training readiness of each Marine is measured by the number of individual events required and completed for the rank or billet currently held.

Individual Training - Training that applies to individual Marines. Examples include rifle qualifications and HMMWV driver licensing.

Individual Training Standards (ITS) - Specifies training tasks and standards for each MOS or specialty within the Marine Corps. In most cases, once an MOS or community develops a T&R, the ITS order will be cancelled. However, most communities will probably fold a large portion of their ITS into their new T&R manual.

M

Marine Corps Combat Readiness and Evaluation System (MCCRES). An evaluation system designed to provide commanders with a comprehensive set of mission performance standards from which training programs can be developed; and through which the efficiency and effectiveness of training can be evaluated. The Ground T&R Program will eventually replace MCCRES.

Marine Corps Ground Training and Readiness (T&R) Program - The T&R Program is the Marine Corps' primary tool for planning and conducting training, for planning and conducting training evaluation, and for assessing training readiness. The program will provide the commander with standardized programs of instruction for units within the ground combat, combat support, and combat service support communities. It consolidates the ITS, CTS, METL and other individual and unit training management tools. T&R is a program of standards that systematizes commonly accepted skills, is open to innovative change, and above all, tailors the training effort to the unit's mission. Further, T&R serves as a training guide and provides commanders an immediate assessment of unit combat readiness by assigning a CRP to key training events. In short, the T&R Program is a building block approach to training that maximizes flexibility and produces the best-trained Marines possible.

Mission Essential Task(s) MET(s) - A MET is a collective task in which an organization must be proficient in order to accomplish an appropriate portion of its wartime mission(s). MET listings are the foundation for the T&R manual; all events in the T&R manual support a MET.

Mission Essential Task List (METL) - Descriptive training document that provides units a clear, war fighting focused description of collective actions necessary to achieve wartime mission proficiency. The service-level METL, that which is used as the foundation of the T&R manual, is developed using Marine Corps doctrine, Operational Plans, T/Os, UJTL, UNTL, and MCTL. For community based T&R Manuals, an occupational field METL is developed to focus the community's collective training standards. Commanders develop their unit METL from the service-level METL, operational plans, contingency plans, and SOPs.

O

Operational Readiness (OR). (DoD or NATO) OR is the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed. May be used in a general sense or to express a level or degree of readiness.

P

Performance step - Performance steps are included in the components of an Individual T&R Event. They are the major procedures (i.e., actions) a unit Marine must accomplish to perform an individual event to standard. They describe the procedure the task performer must take to perform the task under operational conditions and provide sufficient information for a task performer to perform the procedure. (May necessitate identification of supporting steps, procedures, or actions in outline form.) Performance steps follow a logical progression and should be followed sequentially, unless otherwise stated. Normally, performance steps are listed only for 1000-level individual events (those that are taught in the entry-level MOS school). Listing performance steps is optional if the steps are already specified in a published reference.

Prerequisite Event - Prerequisites are the academic training and/or T&R events that must be completed prior to attempting the event.

R

Readiness (DoD) - Readiness is the ability of US military forces to fight and meet the demands of the national military strategy. Readiness is the synthesis of two distinct but interrelated levels: (a) Unit readiness--The ability to provide capabilities required by combatant commanders to execute assigned missions. This is derived from the ability of each unit to deliver the outputs for which it was designed. (b) Joint readiness--The combatant commander's ability to integrate and synchronize ready combat and support forces to execute assigned missions.

S

Section Skill Tasks. Section skills are those competencies directly related to unit functioning. They are group rather than individual in nature, and require participation by a section (S-1, S-2, S-3, etc).

Simulation Training - Simulators provide the additional capability to develop and hone core and core plus skills. Accordingly, the development of simulator training events for appropriate T&R syllabi can help maintain valuable combat resources while reducing training time and cost. Therefore, in cases where simulator fidelity and capabilities are such that simulator training closely matches that of actual training events, T&R Manual developers may include the option of using simulators to accomplish the training. CRP credit will be earned for E-coded simulator events based on assessment of relative training event performance.

Standard - A standard is a statement that establishes criteria for how well a task or learning objective must be performed. The standard specifies how well, completely, or accurately a process must be performed or product produced. For higher-level collective events, it describes why the event is being done and the desired end-state of the event. Standards become more specific for lower-level events and outline the accuracy, time limits, sequencing, quality, product, process, restrictions, etc., that indicate the minimum acceptable level of performance required of the event. At a minimum, both collective and individual training standards consist of a task, the condition under which the task is to be performed, and the evaluation criteria that will be used to verify that the task has been performed to a satisfactory level.

Sustainment Training - Periodic retraining or demonstration of an event required maintaining the minimum acceptable level of proficiency or capability required to accomplish a training objective. Sustainment training goes beyond the entry-level and is designed to maintain or further develop proficiency in a given set of skills.

Systems Approach to Training (SAT) - An orderly process for analyzing, designing, developing, implementing, and evaluating a unit's training program to ensure the unit, and the Marines of that unit acquire the knowledge and skills essential for the successful conduct of the unit's wartime missions.

T

Training Task - This describes a direct training activity that pertains to an individual Marine. A task is composed of 3 major components: a description of what is to be done, a condition, and a standard.

Training Plan - Training document that outlines the general plan for the conduct of individual and collective training in an organization for specified period of time.

U

Unit CRP - Unit CRP is a percentage of the E-coded collective events that support the unit METL accomplished by the unit. Unit CRP is the average of all MET CRP.

Unit Training Management (UTM) - Unit training management is the use of the SAT and Marine Corps training principles in a manner that maximizes training results and focuses the training priorities of the unit on its wartime mission. UTM governs the major peacetime training activity of the Marine Corps and applies to all echelons of the Total Force.

W

Waived Event. An event that is waived by a commanding officer when in his or her judgment, previous experience or related performance satisfies the requirement of a particular event.

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APPENDIX C

REFERENCES

Department of Defense Regulations (DOD)

DOD 4500.9-R Defense Transportation Regulation (DTR)
(PART I) Defense Transportation Regulation Part I
(Passenger Movement)
(PART II) Defense Transportation Regulation Part II
(Cargo Movement)
(PART III) Defense Transportation Regulation Part III
(Mobility)
(PART IV) Defense Transportation Regulation Part IV
(Personal Property)
(PART V) Defense Transportation Regulation Part V (DOD
Customs and Border Clearance Policies and
Procedures)
(PART VI) Defense Transportation Regulation Part VI
(Management and Control of Intermodal
Containers and System 4631 Equipment)
(PART VII) Defense Transportation Regulation Part VII
(Human Remains Movement)

DODI 4540.07 Operation of the DOD Engineering for Transportability and
Deployability Program

Joint Publications (JPs)

JP 1-02 DOD Dictionary of Military and Associated Terms
JP 3-02 Amphibious Operations
JP 3-02.1 Landing Force Operations
JP 3-02.2 Amphibious Embarkation
JP 4-01 Defense Transportation
JP 5-03.1 Joint Operation Planning and Execution System Volume I
(Planning Policies and Procedures)

Secretary of the Navy Instructions

SECNAVINST 5216.5 Department of the Navy Correspondence Manual
SECNAVINST M-5210.2
Department of the Navy File Maintenance Procedures &
Standard Subject Identification Code (SSIC) Manual

Marine Corps Orders

MCO 1200.17_ Military Occupational Specialties (MOS) Marine Corps Manual
(MOS Manual)
MCO 1553.3_ Unit Training Management (UTM)
MCO 3000.18_ Marine Corps Force Deployment Planning and Execution
Process Manual (FDP&E Manual)
MCO 3500.27_ Operational Risk Management (ORM)
MCO 4030.40_ Packaging of Hazardous Material
MCO 4340.1 Reporting Lost, Missing or Stolen Government Property
MCO 4470.1_ MAGTF Deployment and Distribution Policy (MDDP)
MCO 4631.10_ Operational Support Airlift Management

MCO 5215.1_ Marine Corps Directives Management Program
MCO 5500.6_ Arming of Law Enforcement and Security Personnel and the Use of Force
MCO 8010.1_ Class V (W) Planning Factors for Fleet Marine Force Combat Operations
MCO P8020.10_ Marine Corps Ammunition and Explosives Safety Program
MCO 8300.1_ Marine Corps Serialized Control of Small Arms Systems
MCO P3500.72_ Marine Corps Ground Training and Readiness (T&R) Program
MCO P4030.19_ Preparing Hazardous Materials for Military Air Shipments
MCO P4030.36_ Marine Corps Packaging Manual
MCO P4400.39_ War Reserve Material Policy Manual
MCO P7100.8_ Field Budget Guidance Manual
MCO P8020.10_ Marine Corps Ammunition and Explosives Safety Program

Marine Corps Doctrinal Publications (MCDPs)

MCDP 4 Logistics

Marine Corps Warfighting Publications (MCWPs)

MCWP 3-31.5 Ship-to-Shore Movement
MCWP 4-1 Logistics Operations
MCWP 4-11 Tactical-Level Logistics
MCWP 4-11.3 Transportation Operations
MCWP 4-11.6 Petroleum and water Logistics Operations
MCWP 4-12 Operational-Level Logistics
MCWP 5-1 Marine Corps Planning Process (MCP)

Marine Corps Reference Publications

MCRP 3-0A Unit Training Management Guide
MCRP 3-0B How to Conduct Training
MCRP 3-31.1A Employment of Landing Craft Air Cushion (LCAC)
MCRP 3-31B Amphibious Ships and Landing Craft Data Book
MCRP 4-11.3 Transportation Operations
MCRP 4-11.3D The Naval Beach Group
MCRP 4-11.3G Unit Embarkation Handbook
MCRP 4-11C Combat Cargo Operations Handbook
MCRP 5-12A Operational Terms and Graphics

NAVMC Directives

NAVMC 2761 Catalog of Publications
NAVMC 3500.27_ Logistics Training and Readiness Manual

Technical Manuals

TM 10510-OD.1_ General Purpose Test Measurement and Diagnostic Equipment
TM 11240-O_ Principal Technical Characteristics of U. S. Marine Corps Motor Transport Equipment
TM 11275-15.3_ Principle Technical Characteristics of U.S. Marine Corps Engineer Equipment
TM 12359A-OD/B Principal Technical Characteristics of Expeditionary Power Systems Equipment
TM 2000-OD.2_ Principle Technical Characteristics of U.S. Marine Corps Communication-Electronics Equipment
TM 4795-12/1 Organizational Corrosion Prevention and Control Procedures for USMC Equipment
TM 55-2200-001-12 Application of Blocking, Bracing, and Tie Down Material

TM 8000-10.1_ Principle Technical Characteristics of U.S. Marine Corps
Ordnance Equipment

User's Manuals

Load Plan AIS Users Manual
Log AIS Users Manual
AALPS User Manual Automated Air Load Planning System (AALPS) User Manual
ICODES USER'S MANUAL
Computer Aided Load Manifesting System
UM 4400-124 SASSY Using Unit Procedures
Users Manual Unit Move Automated Information System (AIS) Users Manual

Miscellaneous

Load Plan AIS Users Help
Ship's Booklet of General Plans
ACART ACART applicable commercial airlift rate tables
AFR 76-11 US Government Airlift Rates
AMC AFFILIATION WORKBOOK 36-101, VOL 2
Airlift Planners Course
AMC AFFILIATION WORKBOOK 36-101, VOL 1
Equipment Preparation Course
AMC (R) AMC Airlift Rates
AMC 36-1 AMC Affiliation Program Airlift Planner's Pamphlet
AAR American Association of Railroads
ATLA ATLA
CJCSI 3020.01 Managing, Integrating, and Using Joint Deployment
Information systems
CJCSM 3122.12_ Joint Operation Planning and Execution System (JOPES)
CFR 40 Code of Federal Regulations - Hazardous Substances & Wastes
CFR 49 Code of Federal Regulations - Hazardous Materials
CFR 49 Code of Federal Regulations Parts 100-185 - Transportation
CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
COMNAVSURF EOD
COMNAVSURFFOR 5400.1_
Force Regulations
COMNAVSURFLANTINST 3340.3C
Wet Well Operations
COMNAVSURFLANTINST 4080.1_
Landing Force Operational Reserve Materiel (LFORM) Aboard
Amphibious Warfare Ships (or COMNAVSURFPAC equivalent)
COMNAVSURFORINST 3130-1
Deployment of Helicopter Search and Rescue (SAR)
Detachments in Support of Amphibious Operations and
Training
COMNAVSURFORINST 4621.1/COMMARFORCOMOC 4621.1/COMMARFORPACO 4621.1B
Landing Force Spaces, Ship's Loading Characteristics
Pamphlet (SLCP), Troop Regulations (Troop Regs) and
Amphibious Embarkation Documentation
COMNAVSURFPACINST 4080
COMNAVSURFPACINST 7010-1
Recreation Fund Support to Navy Staff and Marine Force
Units Embarked Aboard Ships
COMNAVSURFPACINST 7320.1
Troops Space Inventory/Inspection/Reimbursement Procedures

COMNAVSURFPACINST 4600.2_ Policy for Utilization of Opportune Lift
IATA International Air Transportation Association
ICODES website <https://www.ICODESweb.com/>
IGC website <https://www.IGC.USTRANSCOM.MIL/IGC>
IMDG International Maritime Dangerous Goods Code
ISO Standard 6346 Freight Contain Coding ID & Marking
MARADMIN 253/07 Interim Procedures for Managing Equipment Data in TFSMS
MARCORSYSCOM Unit Move AIS website
<http://www.marcorsyscom.usmc.mil/sites/tDis/MDSSII.asp>
CMC DCI RFID Radio Frequency Identification (RFID) Implementation Plan
MSDS Material Safety Data Sheets MSDS
MCBUL 3120 Forces Synchronization Playbook (classified)
MIL-HDBK-138B DOD Handbook Guide to Container Inspection for Commercial
and Military Intermodal Containers
MTMCTEA PAM 700-4 Vessel Characteristics for Shiploading
MTMCTEA PAM 700-6 Large, Medium Speed, Roll-On Roll-Off Ship
MTMCTEA PAM 700-7 Fast Sealift Ship Users Manual
NATICK PAM 30-25 Operational Rations
NAVFC P-405 Seabee Planners and Estimators Handbook
NAVSEA OP 4 Ammunition Afloat
NAVSEA OP 5 Ammunition and Explosives Ashore Safety Regulations for
Handling, Storage, Production, Renovation, & Shipping
NAVSEA SWO20-AF-HBK-010 Motor Vehicle Driver and Shipping Inspector's Manual for
Ammunition, Explosives and Related Hazardous Materials
PC-POP III Performance Oriented Packaging (POP) Personal Computer
Program
RFID OPS RFID Operations Guide
RF-ITV website <https://national.rfitv.army.mil>
SDDC website (classified)
SMS Single Mobility System Transportation Rate Calculator
SMS website <https://SMS.TRANSCOM.MIL>
TCPT Users Help Transportation Capacity Planning Tool (TCPT) Users Help
TWCFF Transportation Working Capital Fund
SAT Manual U.S. Marine Corps System Approach to Training Manual
MDSS II HM MAGTF Deployment Support System, User's Help Manual
Users Help Unit Move Automated Information System (AIS) Users Help
SOP Unit/Local Standing/Standard Operating Procedures
TEEP Training, Exercise and Evaluation Plan