

UNITED STATES MARINE CORPS
LOGISTICS OPERATIONS SCHOOL
MARINE CORPS COMBAT SERVICE SUPPORT SCHOOLS
TRAINING COMMAND
PSC BOX 20041
CAMP LEJEUNE, NORTH CAROLINA 28542-0041

B101-1

STUDENT OUTLINE

PUBLICATIONS, ACRONYMS, AND REFERENCES

LEARNING OBJECTIVES:

1. TERMINAL LEARNING OBJECTIVE(S): Given supplies and equipment to be embarked, necessary tools, equipment, and material, information concerning the type of ship, aircraft, or conveyance to be used, and the references, prepare supplies and equipment for embarkation to ensure compliance with the requirements of the specific type of ship, aircraft, or other conveyance to be used.
2. ENABLING LEARNING OBJECTIVE(S): Given reference material, employ publications, terms and documents concerning Marine Corps equipment as they relate to transportation per the references.

OUTLINE:

1. **AMPHIBIOUS EMBARKATION:**

a. Joint Publication 3-02.2, Joint Doctrine for Amphibious Embarkation. This publication provides joint doctrine on amphibious embarkation.

- (1) Introduction to Amphibious Embarkation
- (2) Concept of Deployment
- (3) Organization for Embarkation
- (4) Amphibious Embarkation Planning
- (5) Embarkation and Combat Cargo Officers
- (6) Loading and Stowage

- (7) Ship Load Plans
- (8) Personnel Embarkation Planning
- (9) Execution of Embarkation
- (10) Troop Life Aboard Ship
- (11) Unloading
- (12) Administrative Movements
- (13) Military Sealift Command (MSC) Shipping

2. AIR EMBARKATION:

a. AMC Pamphlet 36-1, This pamphlet includes pertinent load planning information on various AMC aircraft from other USAF publications (e.g., USAF technical manuals, USAF regulations, etc.) into a single publication for the load planner.

b. Defence Transportation Regulation (DTR) DOD 4500.9-R/Mobility. This is the replacement publication for the 36-1. It contains few changes and incorporates a variety of new information concerning air movement, amongst other mobility related topics. It does not characterize commercial aircraft. Other volumes of the DTR include personal property, cargo movement, passenger movement, and border clearance and customs.

3. HAZARDOUS CARGO:

a. Code of Federal Regulations Title 49 (CFR 49) (Transportation). This publication contains United States law on transportation (air, highway, rail and sea) including hazardous material.

b. Marine Corps Order P4030.19G (Preparation of Hazardous Material for Military Air Shipment). This is a joint service regulation (MCO 4630.19F - USMC, AFR 71-4 - USAF, TM 38-250 - USA, NAVSUP Pub 505 (Rev) - USN, and DLAM 4145.3 - DLA. This regulation includes instructions for preparing hazardous materials for shipment by military aircraft, to ensure that

such

materials are, when offered for shipment, packaged, packed, marked, labeled, and prepared properly for transportation. It includes labeling requirements, instructions for transporting passengers with hazardous materials, and instructions for notifying the pilot of hazardous materials on the aircraft.

4. GENERAL EMBARKATION: Each unit will have it's own unique standing operating procedures (SOP) concerning embarkation matters based on appropriate embarkation/logistics publications.

a. TM 11275-15/3C. This manual characterizes engineering equipment such as forklifts, cranes, a/c units and generators organic to the Marine Corps.

b. TM 11240-15/4B. This is a manual that characterizes Motor Transport assets such as HMMWV's, 5-Tons, and trailers organic to the Marine Corps.

5. JOINT PUBS: These publications are doctined through the JCS (Joint Chiefs of Staff) and are used throughout the joint arena.

6. MAGTF II/LOG AIS FAMILY OF SYSTEMS: This is a family of coordinated, mutually supporting, automated information systems that support war planning in both deliberate and time-sensitive situations, and war execution from initiation of deployment through employment in an assigned area of responsibility.

a. MAGTF Deployment Support System II (MDSS II) Help Module. MDSS II replaces the existing Maritime Prepositioned Ships Decision Support System (MDSS). It will be the unit level deployment planning and execution system that provides MAGTF's and subordinate elements the ability to develop plan specific force structures (personnel, supplies and equipment) and associated embarkation plans.

b. Computer Aided Embarkation Management System (CAEMS) Help Module. CAEMS is a system designed to support embarkation exercises and actual operations throughout the Marine Corps' embarkation community. The future replacement for CAEMS is ICODES (Integrated Computer Deployment System) which is similar to CAEMS with user friendly upgrades and modifications.

c. Computer Aided Load Manifesting System (CALM). The purpose of this system is to provide a standard capability to edit and store deployable equipment data, and produce aircraft load plans and associated reports that facilitate movement of equipment and passengers aboard military aircraft. CALM was developed by the U.S. Air Force and is currently being used throughout the Marine Corps. AALPS (Automated Aircraft Load Planning System) will eventually replace CALM. Similar in appearance, this system will offer additional upgrades and modifications.

d. Marine Air-Ground Task Force War Planning System II (MAGTF II). MAGTF II will provide Marine Corps planners with an automated tool that will augment the front-end of the Joint Operation Planning and Execution System (JOPES) by enhancing the capability to rapidly develop the forces of the time-phased force and deployment data (TPFDD).

e. Transportation Coordinators' Automated Information for Movements System (TC AIMS). TC AIMS is being developed as a service-unique system to coordinate transportation and movement requirements for the deployment of Marine Corps forces primarily from origins to ports of embarkation.

References:

1. FMFRP 1-18
2. FMFRP 4-17
3. JP-1-02
4. JP 3-02.2
5. NAVMC 1017
6. TM 11240-15/4B
7. TM 11275-15/3C
8. MIL-B-26195
9. MIL-STD-147D
10. MCWP 4-11
11. MCO P4030.19G
12. DOD 4500.9R
13. AAR (AMERICAN ASSOCIATION OF RAILROADS)
14. T/E
15. T/O