

**Summary Report for Individual Task**  
**551-88H-2503**  
**Determine Material Handling Equipment Required for Operations**  
**Status: Approved**

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DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

**Condition:** Assigned as a Senior Forklift Operator in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an Operation Order/Operation Plan (OPORDER/OPLAN), safety equipment, cargo vessel, cargo, prestowage plan or stowage plan, material handling equipment (MHE), and TC 4-13.17. This task should not be trained in MOPP 4.

**Standard:** Determine Material Handling Equipment Required for Operations in accordance with TC 4-13.17.

**Special Condition:** None

**Safety Level:** Low

**MOPP:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Senior Forklift Operator tasked with determining what Material Handling Equipment is required to complete the operation.

**DANGER**

Adhere to all DANGER statements listed in the equipment or vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**WARNING**

Adhere to all WARNING statements listed in the equipment or vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**CAUTION**

Adhere to all CAUTION statements listed in the equipment or vehicle technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

**Remarks:** None

**Notes:** None

## Performance Steps

1. Interpret the cargo stowage plan or prestowage plan.
  
2. Determine cargo designated for discharge or loading at assigned hatch.
  
3. Determine the type and quantity of MHE required for loading or discharging the different types of cargo at the assigned hatch using the following prescribed criteria.
  - a. Employ gas or electric forklifts to handle cargo on the pier and in the warehouse.
  
  - b. Employ gas or electric forklifts aboard a vessel to handle itemized cargo.
  
  - c. Employ only electric forklifts to handle ammunition.
  
  - d. Employ warehouse tractors to push or tow equipment.
  
  - e. Employ warehouse tractors and trailers to transport cargo over smooth surfaces.
  
  - f. Employ cranes to discharge heavy lifts above the capacity of the ship's gear or in place of the ship's gear.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** Ensure that all materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on determining material handling equipment required for operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Interpreted the cargo stowage plan or prestowage plan.			
2. Determined cargo designated for discharge or loading at assigned hatch.			
3. Determined the type and quantity of MHE required to load or discharge the type of cargo at assigned hatch.			

### Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-13.17	Cargo Specialist's Handbook	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT.

AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste. Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take.

Leaders bring focus, direction, and commitment to environmental protection. Commanding officers should ensure the following environmental programs are in place and are being maintained:-Hazardous materials program.-Hazardous waste program.

-Hazardous communications program.

-Pollution prevention and hazardous waste minimization recycling program.

-Spill prevention and response plan program.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

All soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior soldiers, and their subordinates. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- Hearing protection requirements.
- Wearing of safety clothing.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.
- (e) Report unsafe acts and conditions.
- (f) Work as a team.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-3509	Review Ocean Cargo Documentation for Loading or Discharge	551 - Transportation (Individual)	Approved
551-88H-3510	Supervise Material Handling Equipment (MHE) Operations	551 - Transportation (Individual)	Approved
551-88H-4504	Review Pre-stowage Plan	551 - Transportation (Individual)	Analysis

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-1407	Conduct Pierside Operations to Discharge and Load Cargo	55 - Transportation (Collective)	Approved
55-2-1406	Conduct Cargo Operations to Discharge and Load Breakbulk Cargo	55 - Transportation (Collective)	Approved
55-2-0045	Perform Ship Assist Operations.	55 - Transportation (Collective)	Approved
55-2-1508	Conduct Vessel Operations	55 - Transportation (Collective)	Approved
55-2-0084	Transport Cargo From Ship to Shore	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW