

Summary Report for Individual Task
551-88H-1416
Stow Containers Aboard a Cargo Vessel
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Transportatio School Fort Lee, VA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: Assigned as a Cargo Checker/Handler given a requirement to stow containers aboard a cargo vessel in an operational environment, day or night, in normal weather conditions, a completed risk assessment, safety briefing, safety gear, hatch on a Fast Sealift Ship/Large Medium Speed Roll-On/Roll-Off (FSS/LMSR), ship's gear, semiautomatic toplift spreader, tag line, container, lashing equipment, and references. This task should not be trained in MOPP 4.

Standard: Stow containers aboard a cargo vessel to prevent movement without injury to personnel or damage to cargo, vessel and equipment.

Special Condition: None

Safety Risk: Medium

MOPP 4: Never

Task Statements

Cue: You are assigned as as Cargo Checker/Handler tasked with stowing cargo aboard a vessel.

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. Attach semi-automatic toplift spreader devices to containers.
 - a. Attach the toplift spreader to the cargo hook.
 - b. Signal the crane operator to hoist the toplift spreader.
 - c. Signal the crane operator to lower the device onto the container.
 - d. Secure the device to the four corners of the container engaging twist locks.
 - e. Disengage the container bottom twist locks.
 - f. Signal the crane operator to hoist the container.
2. Stow containers aboard a vessel using Lift-on/Lift-off (LO/LO) loading procedures.
 - a. Select container to be loaded.
 - b. Direct the yard tractor operator to place the container directly under the cargo hook.
 - c. Check twist locks to ensure they engage and disengage.
 - d. Install twist lock devices into hatch cover fittings if required.
 - e. Attach semiautomatic toplift spreader device to the container (see Figure 3-49).
 - (1) Attach the toplift spreader to the cargo hook.
 - (2) Signal the crane operator to hoist the toplift spreader.
 - (3) Signal the crane operator to lower the spreader device, which has tag lines attached, onto the container.
 - (4) Secure the device to the four corners of the container (see Figure 3-50).
 - (5) Engage twist locks.
 - (6) Disengage the container bottom twist locks.
 - (7) Signal the crane operator to hoist the container.
 - f. Lift, guide, and deposit container into the especially designed vertical cell in the hatch or onto specially designed deck fittings.
 - g. Release the toplift spreader from the container and lift it away from the container.
 - h. Secure container with special locking devices.
 - (1) Activate and check twist locks to ensure that they are locked.
 - (2) Install stack fitting twist lock devices between containers when stacking. Stack containers no more than three (3) high.

(3) Attach lashing assemblies to front and rear of containers.

(4) Secure lashing assemblies to D-ring on top of hatch cover.

(5) Apply tension to the lashing device.

(6) Check devices to ensure proper tension has been applied.

3. Stow containers aboard a vessel using Roll-on/Roll-off (RO/RO) loading procedures.

a. Select container and chassis to be loaded.

b. Direct the yard tractor operator to drive the container and chassis aboard the vessel and to park in the stow location.

c. Secure the container and its chassis to the deck.

(1) Attach lashing assemblies to front and rear of containers.

(2) Apply tension to the lashing device.

(3) Check devices to ensure proper tension has been applied.

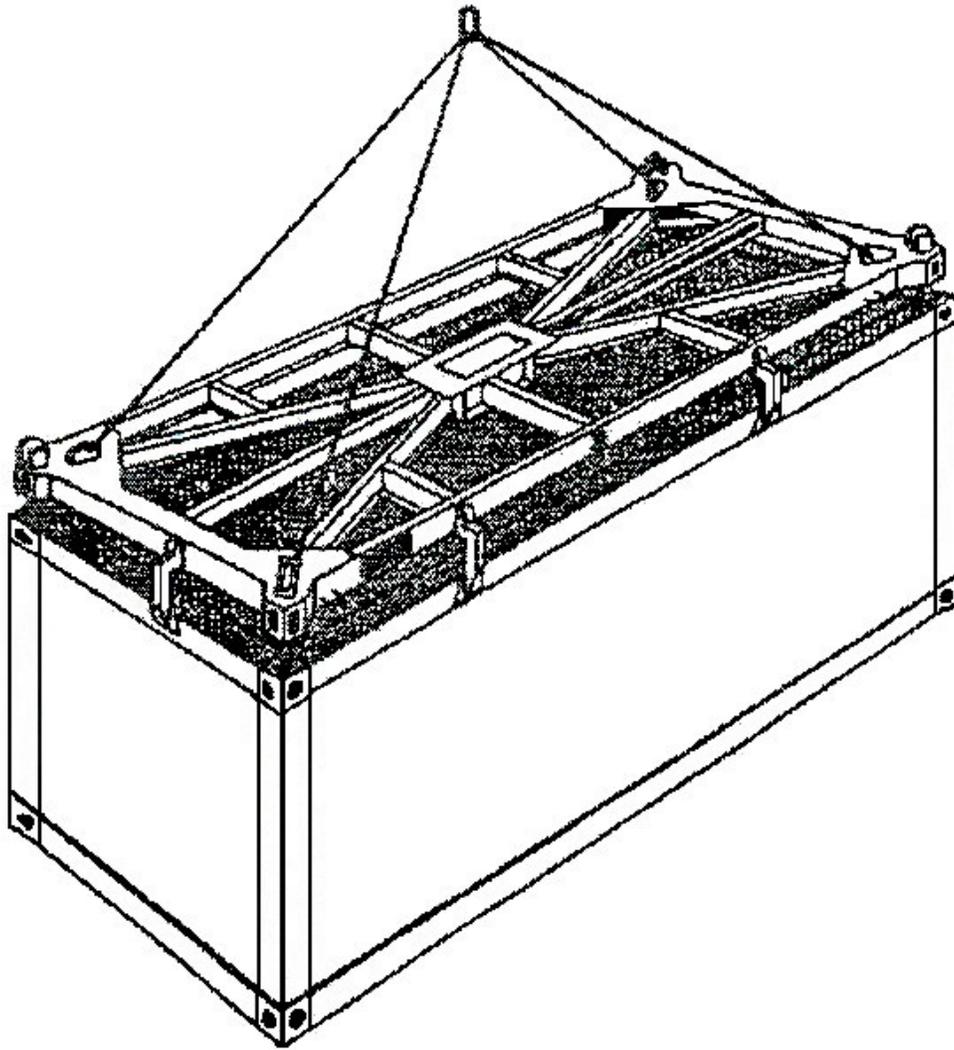


Figure 3-49
Attaching Semiautomatic Toplift Spreader Device to th Container

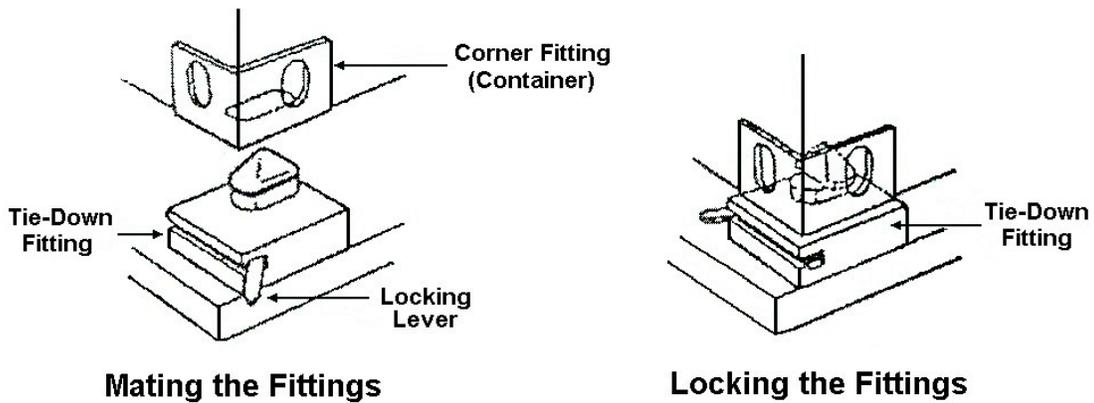


Figure 3-50
Securing the Device

(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 stowing containers aboard a cargo vessel.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Attached semi-automatic toplift spreader devices to containers.			
2. Stowed containers aboard a vessel using Lift-on/Lift-off (LO/LO) loading procedures.			
3. Stowed containers aboard a vessel using Roll-on/Roll-off (RO/RO) loading procedures.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 4-13	ARMY EXPEDITIONARY INTERMODAL OPERATIONS http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/atp4_13.pdf	Yes	No
	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. The importance of safety is intensified for personnel conducting cargo vessel operations. 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.
- Danger of moving vehicles.
- Danger of lashing equipment operation.

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 :

Task Number	Title	Proponent	Status
551-88H-1415	Secure Vehicles or Cargo in Seasheds	551 - Transportation (Individual)	Approved
551-88H-1414	Stow General Cargo at Assigned Hatch	551 - Transportation (Individual)	Approved
551-88H-1407	Perform Spreader Operations with Haggglunds Crane Using 20-and 40- foot Spreader	551 - Transportation (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-1403	Prepare Haggglunds Crane for Operation	551 - Transportation (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-1408	Conduct Cargo Transfer Operations.	55 - Transportation (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL1	Enlisted	MOS: 88H, Skill Level: SL1, Duty Pos: TAZ
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA