

**Report Date:** 25 Mar 2014

**Summary Report for Individual Task  
551-88H-2412  
Supervise Stowage of Containers Aboard a Cargo Vessel  
Status: Approved**

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

DESTRUCTION NOTICE: None

**Condition:** Assigned as a Cargo Container Handler in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an Operation Order/Operation Plan, safety briefing, ship's gear, tag lines, containers, lashing equipment, Hagglands crane, an operator, and TC 4-13.17. This task should not be trained in MOPP 4.

**Standard:** Supervise Stowage of Containers Aboard a Cargo Vessel without injury to personnel or damage to equipment.

**Special Condition:** The securing of containers on a ship's deck will depend solely on the type of vessel. On cellularized containerships, there are no lashings under deck. Most new ships will employ a locking type stacking cone for on-deck stowage. These procedures allow the cone to secure the bottom container to the deck or hatch cover, or lock each container above to the one below. The use of cones will keep the containers from shifting from side-to-side, but are unable to restrain any lifting or tipping movement.

**Safety Level:** Medium

**MOPP:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Cargo Container Handler tasked with supervising the stowage of containers aboard a Cargo Vessel.

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:** None

### Performance Steps

1. Ensure personnel check twist locks to make sure they engage and disengage (see Figure 3-143).
2. Ensure installation of twist lock devices into hatch cover fittings.
3. Ensure personnel stow containers onto twist lock devices.
4. Ensure personnel activate and check twist locks to make sure that they are locked.
5. Ensure personnel install stack fitting twist lock devices between containers when stacking (see Figure 3-144).
6. Ensure personnel stack containers no more than three (3) high.
7. Ensure personnel attach lashing assemblies to front and rear of containers (see Figure 3-145).
8. Ensure personnel secure lashing assemblies to D-ring on top of hatch cover.
9. Ensure personnel apply tension to the lashing devices.
10. Ensure personnel check devices to make sure that proper tension has been applied.

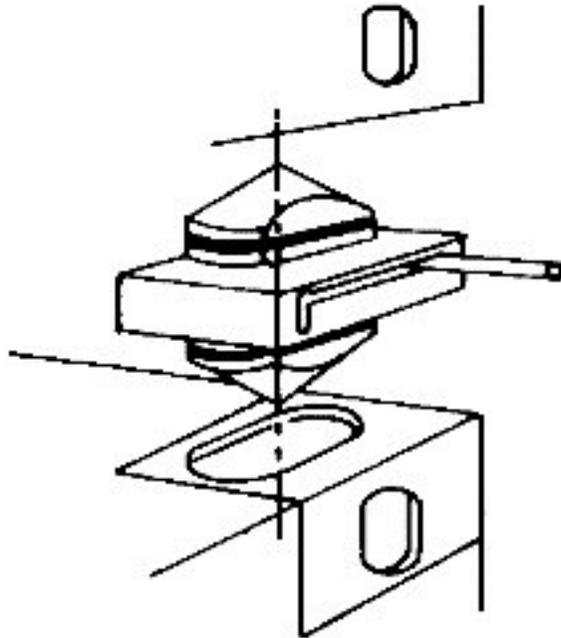


Figure 3-144  
Stack Fitting Twist Lock Devices

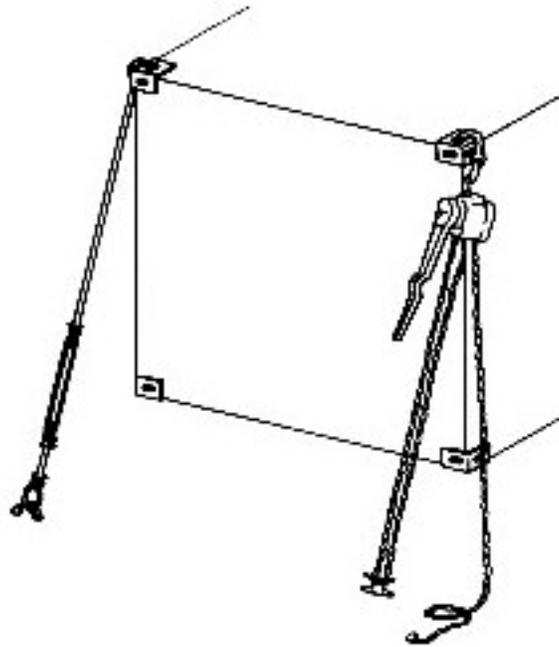


Figure 3-145  
Lashing Assemblies

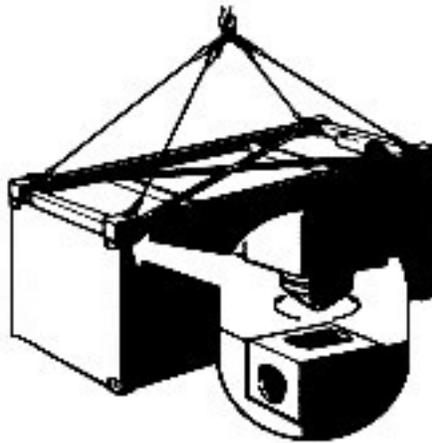


Figure 3-143  
Twist Locks

(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 supervising stowage of containers aboard a cargo vessel.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Ensured personnel checked twist locks and made sure they engaged and disengaged.			
2. Ensured installation of twist lock devices into hatch cover fittings.			
3. Ensured personnel stowed containers onto twist lock devices.			
4. Ensured personnel activated and checked twist locks and made sure they were locked.			
5. Ensured personnel installed stack fitting twist lock devices when stacking two (2) or no more than three (3) containers.			
6. Ensured personnel stacked containers no more than three (3) high.			
7. Ensured personnel attached lashing assemblies to the front and rear of the containers.			
8. Ensured personnel secured lashing assemblies to the D-ring on top of the hatch cover.			
9. Ensured personnel applied tension to the lashing devices.			
10. Ensured personnel checked devices to make sure proper tension was applied.			

**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. The importance of safety is intensified for personnel conducting Cargo Vessel Hatch 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 suspended loads.
- Danger to personnel from securing gear.

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-2407	Direct Spreader Operations with Haggglunds Crane using 20- and 40-foot Spreader	551 - Transportation (Individual)	Approved
551-88H-1407	Perform Spreader Operations with Haggglunds Crane Using 20- and 40-foot Spreader	551 - Transportation (Individual)	Analysis Completed
551-88H-1406	Place Haggglunds Crane in Twin Mode	551 - Transportation (Individual)	Analysis Completed
551-88H-1405	Operate Haggglunds Crane in Single Mode	551 - Transportation (Individual)	Analysis Completed
551-88H-1403	Prepare Haggglunds Crane for Operation	551 - Transportation (Individual)	Analysis Completed

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-3511	Direct Lashing Containers on the Deck of a Landing Craft	551 - Transportation (Individual)	Approved
551-88H-4508	Monitor Marine Terminal Operations	551 - Transportation (Individual)	Analysis

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-4823	Perform Sea Port of Debarkation Activities for Redeployment	55 - Transportation (Collective)	Approved
55-2-4809	Perform Sea Port of Embarkation Activities for Deployment	55 - Transportation (Collective)	Approved
55-2-4812	Perform Sea Port of Debarkation Activities for Deployment	55 - Transportation (Collective)	Approved
55-2-0084	Transport Cargo From Ship to Shore	55 - Transportation (Collective)	Approved
55-1-0001	Manage Container Operations	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