

**Report Date:** 20 Mar 2014

**Summary Report for Individual Task  
551-88H-2523  
Direct Inspection of Cargo Handling Gear  
Status: Approved**

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

DESTRUCTION NOTICE: None

**Condition:** Assigned as a cargo checker in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an operation order/plan, safety equipment, fiber ropes, wire ropes, chains, shackles, cargo hooks, lubricant, TM 3-34.86, and TC 4-13.17. This task should not be trained in MOPP 4.

**Standard:** Direct the inspection of cargo handling gear without injury to personnel or damage to equipment, ensuring all unserviceable cargo-handling gear is turned in or disposed of and that no unserviceable gear will be used for cargo operations.

**Special Condition:** None

**Safety Level:** Low

**MOPP:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Cargo Checker tasked with directing the inspection of Cargo Handling Gear.

**DANGER**

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

**WARNING**

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

**CAUTION**

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

**Remarks:** None

**Notes:** None

## Performance Steps

1. Direct personnel to inspect fiber rope for serviceability.
  - a. Untwist strands slightly to open the rope.
  - b. Check the inside of the rope for mildew, musty odor, and sawdust-like material.
  - c. Check the inner fibers of each strand for dark stains, broken strands, and broken yarns.
  - d. Check the central core for signs of being overstrained.
  - e. Pull out two fibers and try to break them.

Note: Ensure unserviceable rope is cut into short pieces for disposal.
2. Direct personnel to inspect wire rope for serviceability.
  - a. Check wire rope for frayed, kinked, worn, corroded, or flattened sling spots.
  - b. Check wire rope for broken wires within each strand. Allow no more than:
    - (1) Three broken wires in one strand of 6 x 7 rope.
    - (2) Six broken wires in one strand of 6 x 19 rope.
    - (3) Nine broken wires in one strand of 6 x 37 rope.
  - c. Replace the tag on rope found to be unserviceable.
  - d. Replace wire rope if found to be unserviceable.
3. Direct personnel to inspect cargo hooks and chains for serviceability and storage.
  - a. Check each link and cargo hook of the chain assembly for dents, cracks, sharp nicks or cuts, and worn surfaces.
  - b. Check the small radius fillets at the neck of the hook for any deviation from the original inner arc.
  - c. Check the chain links for stretching or distortion.
  - d. Check the hook and chain for rust and paint.
  - e. Remove rust and paint from the hook and chain.
  - f. Apply a light coat of lubricant to all chain links and cargo hooks in preparation for storage.
  - g. Store the hook and chain in a dry, well-ventilated place.
  - h. Report unserviceable chain to the cargo equipment supervisor for repair.
4. Direct personnel to inspect shackles and chain slings for serviceability.
  - a. Inspect shackles to ensure that pins are straight and screwed in.

b. Inspect chain slings for signs of stretching.

(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 directing inspection of cargo handling gear.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Directed personnel to inspect fiber rope for serviceability.			
2. Directed personnel to inspect wire rope for serviceability.			
3. Directed personnel to inspect cargo hooks and chains for serviceability and storage.			
4. Directed personnel to inspect shackles and chain slings for serviceability.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-13.17	Cargo Specialist's Handbook	Yes	No
	TM 3-34.86	Rigging Techniques, Procedures, and Applications {MCRP 3-17.7j}	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 inspecting cargo handling gear. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- Danger of unbalanced loads
- Danger of injury from cargo handling 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-1517	Inspect Cargo Handling Gear	551 - Transportation (Individual)	Analysis Completed

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-4508	Monitor Marine Terminal Operations	551 - Transportation (Individual)	Analysis

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-1508	Conduct Vessel 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