

Report Date: 20 Mar 2014

**Summary Report for Individual Task
551-88H-2407
Direct Spreader Operations with Hagglands Crane using 20- and 40-foot Spreader
Status: Approved**

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

DESTRUCTION NOTICE: None

Condition: Assigned as a senior crane operator in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an Operation Order/Operation Plan, safety briefing, safety equipment, a Haggglunds crane, 20- and 40-foot spreaders, TM 10-3990-204-12&P, and Haggglunds Crane Operator's Manual. This task should not be trained in MOPP 4.

Standard: Direct spreader operations with Haggglunds crane using 20- and 40-foot spreaders without injury to personnel or damage to equipment.

Special Condition: None

Safety Level: Medium

MOPP: Never

Task Statements

Cue: You are assigned as a Senior Crane Operator tasked with directing the operation of the Haggglunds Crane while using 20- and 40-foot spreaders.

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 attach tag lines to the spreader frame.
2. Direct personnel to attach the spreader to the cargo hook.
3. Direct the operator to wait for the signalman's signal to hoist.
4. Direct the operator to move the spreader horizontally until alignment of the flippers makes contact with the sides and ends of the container.
5. Direct the signalman to signal the operator to lower the spreader onto the container.
6. Ensure all four spreader bayonet cones enter all four container corner fittings evenly.
7. Direct the operator to check that all four bayonet cones lock into all four container corner fittings.
Note: The automatic spreader can be locked from the inside of the cab on the Hagglunds crane.
8. Direct the operator to hoist the container when the signalman gives the signal.
9. Direct the operator to move the container to the designated stowage area of the vessel.
10. Direct the operator to align the container over the cell guides on the hatch being loaded or on the designated spot on the vessel's deck.
11. Direct the operator to lower the container slowly into the hatch or onto the deck when the signalman gives the signal.
12. Direct the crew to check that the spreader is unlocked from the container.
Note: The automatic container spreader can be unlocked from the inside of the cab on the Hagglunds crane.
13. Ensure the correction of any deficiencies.

(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 spreader operations with the Hagglunds crane using the 20- and 40-foot spreader.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Directed personnel to attach tag lines to the spreader frame.			
2. Directed personnel to attach the spreader to the cargo hook.			
3. Directed the operator to wait for the signalman's signal to hoist.			
4. Directed the operator to move the spreader horizontally until alignment of the flippers made contact with the sides and ends of the container.			
5. Directed the signalman to signal the operator to lower the spreader onto the container.			
6. Ensured all four spreader bayonet cones entered all four container corner fittings evenly.			
7. Directed the operator to check that all four bayonet cones locked into all four container corner fittings.			
8. Directed the operator to hoist the container when the signalman gave the signal.			
9. Directed the operator to move the container to the designated stowage area of the vessel.			
10. Directed the operator to align the container over the cell guides on the hatch being loaded or on the designated spot on the vessel's deck.			
11. Directed the operator to lower the container slowly into the hatch or onto the deck when the signalman gave the signal.			
12. Directed the crew to check that the spreader was unlocked from the container.			
13. Ensured the correction of any deficiencies.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	HAGGLUNDS CRANE OP MANUAL	Hagglunds Hydraulic Deck Crane Manual	Yes	No
	TM 10-3990-204-12&P	OPERATORS AND ORGANIZATIONAL MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST T/W SUPPLEMENTAL OPERATING MAINTENANCE AND REPAIR INSTRUCTIONS (SOMARPI) FOR SPREADER, LIFTING FRAMES (NSN 39	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 Haggglunds Crane operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions.

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-1407	Perform Spreader Operations with Haggglunds Crane Using 20- and 40-foot Spreader	551 - Transportation (Individual)	Analysis Completed
551-DEL-2409	Supervise Loading of Flatracks Aboard a Cargo Vessel	551 - Transportation (Individual)	Analysis

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-2412	Supervise Stowage of Containers Aboard a Cargo Vessel	551 - Transportation (Individual)	Analysis Completed
551-88H-4508	Monitor Marine Terminal Operations	551 - Transportation (Individual)	Analysis
551-DEL-2409	Supervise Loading of Flatracks Aboard a Cargo Vessel	551 - Transportation (Individual)	Analysis

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-2-1406	Conduct Cargo Operations to Discharge and Load Breakbulk Cargo	55 - Transportation (Collective)	Approved
55-2-1407	Conduct Pierside Operations to Discharge and Load Cargo	55 - Transportation (Collective)	Approved
55-2-1405	Conducts LOTS Operation to Discharge and Load RO/RO, LO/LO, and Containers	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