

Report Date: 20 Mar 2014

**Summary Report for Individual Task
551-88H-2403
Direct Preparation of Hagglands Crane for Operations
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 equipment, a Haggglunds crane, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), and Haggglunds Crane Operator's Manual. This task should not be trained in MOPP 4.

Standard: Direct the preparation of the Haggglunds crane for operations 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 preparation of the Haggglunds Crane for operations.

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 pre-operational checks for the Haggblunds crane.

a. Ensure the ship is not listing more than 5 degrees and the trim is not exceeding 2 degrees during crane operations on any ship.

b. Ensure the hydraulic oil level is checked by looking through the sight glass indicator on the oil tank to ensure the oil level is just below the maximum mark.

c. Ensure the feed pump is started 24 hours before operation, during the winter months, and the WINTER/SUMMER switch is placed on WINTER if the outside temperature is below 41 degrees and on SUMMER if the outside temperature is above 41 degrees.

Note: This step is rated only in winter months.

d. Ensure the brake indicators (point and scale) are checked, ensuring the pointers do not register in the red.

e. Ensure hook blocks are checked, ensuring that wires run correctly through the sheaves.

f. Ensure jib (boom) is unclamped from parking stand or hook is released from pad eye.

g. Ensure cab control levers are checked, ensuring that they are in the NEUTRAL position.

2. Direct set-up procedures for single mode operations (see Figure 3-142).

a. Ensure SINGLE/TWIN control is switched to SINGLE.

b. Ensure slew (swing) lock lever is disengaged.

c. Ensure crane is started.

d. Ensure luffing/swing control lever is used to raise, lower, and swing the boom (jib).

e. Ensure hoisting control lever is used to raise or lower the cargo hook.

f. Ensure both control levers are positioned in the NEUTRAL position to stop the movement of the boom (jib) and raise and lower the cargo hook.

g. Ensure EMERGENCY SHUTDOWN switch is turned on if the low oil light comes on.

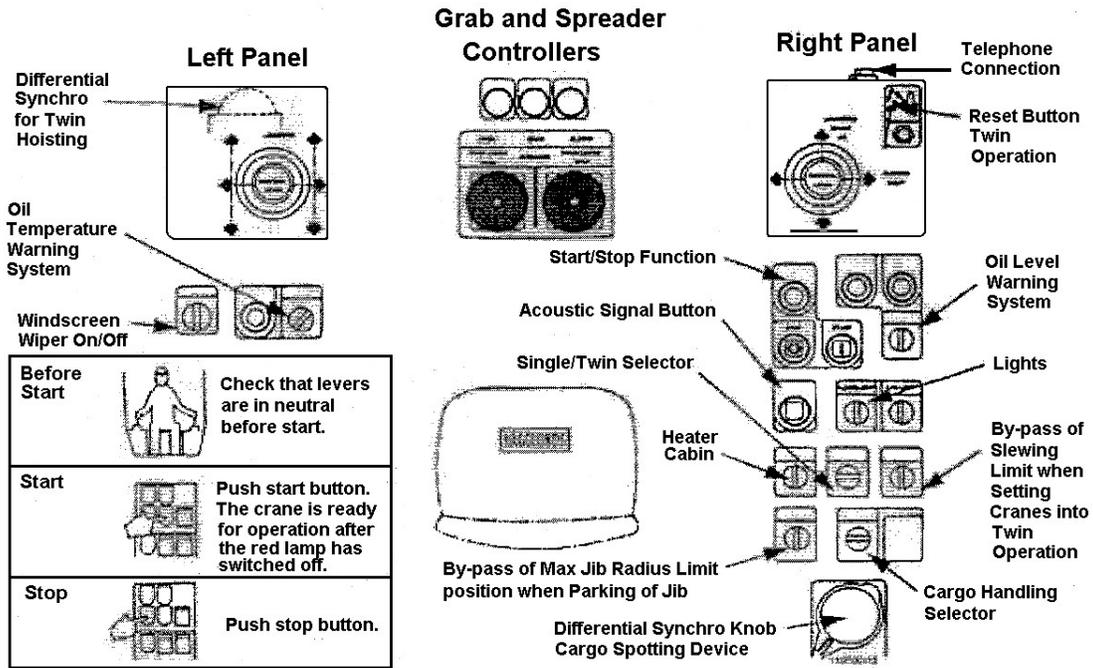


Figure 3-142
Setup Procedures for Single Mode Operations

3. Ensure deficiencies are annotated on DA Form 2404 and reported to the hatch foreman or the ship's mate.

(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 the preparation on the Hagglunds crane for operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Directed pre-operational checks for the Hagglunds crane.			
2. Directed set-up procedures for single mode operations.			
3. Ensured deficiencies were annotated on DA Form 2402 and reported to the hatch foreman or the ship's mate.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	DA FORM 2404	EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET	Yes	No
	HAGGLUNDS CRANE OP MANUAL	Hagglunds Hydraulic Deck Crane Manual	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 Hagglunds 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-2404	Direct Stowing Hagglunds Crane in Parking Support	551 - Transportation (Individual)	Approved
551-88H-2406	Direct Set-up Procedures on Hagglunds Crane for Twin Mode Operations	551 - Transportation (Individual)	Analysis Completed
551-88H-1405	Operate Hagglunds Crane in Single Mode	551 - Transportation (Individual)	Analysis Completed
551-88H-1403	Prepare Hagglunds Crane for Operation	551 - Transportation (Individual)	Analysis Completed
551-88H-1421	Perform Standard Hand and Arm Signals for Hagglunds Crane Operations	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
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55-2-1405	Conducts LOTS Operation to Discharge and Load RO/RO, LO/LO, and Containers	55 - Transportation (Collective)	Approved
55-2-1407	Conduct Pierside Operations to Discharge and Load Cargo	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