

Summary Report for Individual Task  
551-88H-1403  
Prepare Hagglands Crane for Operation  
Status: Approved

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**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 Fort Lee, VA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** Assigned as a Crane Operator given a requirement to prepare the Haggglunds Crane for operations, a Haggglunds crane, a completed risk assessment, safety briefing, safety gear, pen or pencil, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), Haggglunds Hydraulic Deck Crane Manual, DA Pamphlet 750-8, and TC 4-13.17, day or night, in normal weather conditions, in an operational environment scenario. This task should not be trained in MOPP 4.

**Standard:** Prepare Haggglunds Crane for operation in accordance with Haggglunds Hydraulic Deck Crane Manual and TC 4-13.17 without injury to personnel or damage to crane.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Crane Operator tasked with preparing 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 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 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 equipment.

**Remarks:** None

**Notes:** None

### Performance Steps

1. Perform pre-operational checks on the Haggblunds crane (see Figure 3-42).
  - a. Ensure ship is not listing more than 5 degrees.
  - b. Unclamp jib, check wires and sheaves.
  - c. Check wired ropes for fraying, kinking, or worn and flattened spots.
  - d. Check the brakes indicators (point and scales) to ensure the point registers in the red.  
Note: Check all six emergency brakes for proper setting.
  - e. Check the six emergency stops for proper setting, ensuring that the Red knobs are in the PULL OUT position.
  - f. Start the feed pump 24 hours before operation during winter months.
  - g. Place WINTER/SUMMER switch on WINTER if outside temperature is below 40 degrees Fahrenheit (F).
  - h. Place WINTER/SUMMER switch on SUMMER if outside temperature is above 40 degrees F.  
Note: This step is rated only in winter months.
  - i. Check hydraulic oil level by looking through the sight glass indicator on the oil tank to ensure the level is just below the maximum mark.
  - j. Ensure control levers are in the NEUTRAL position.
  - k. Press START button to start the crane. The crane is ready for operation when the red light goes out.
  - l. Annotate deficiencies on DA Form 2404.
  - m. Report deficiencies to the hatch foreman or ship's mate.

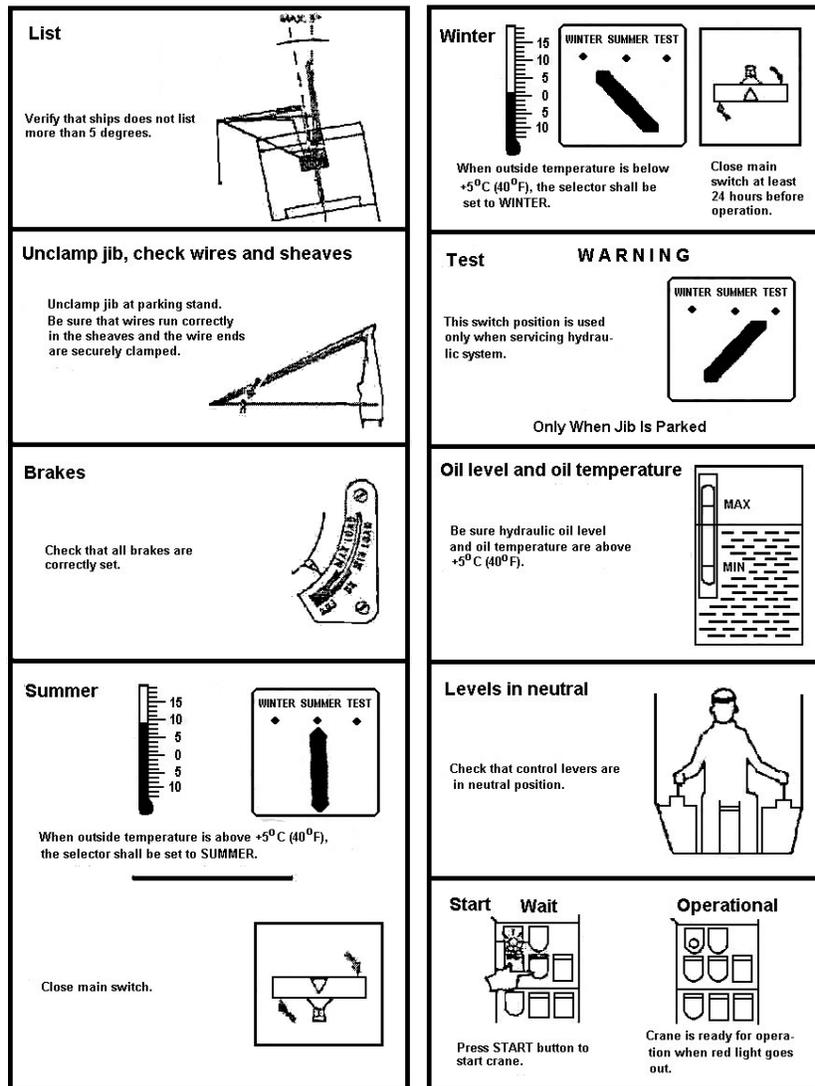


Figure 3-42  
Hagglunds Crane Checklist

2. Unstow the Hagglunds crane from the parking support.
  - a. Ensure the boom is unclamped.
  - b. Start the Hagglunds crane and turn single/twin selector to SINGLE position.
  - c. Remove the hook from the fastening device and slightly raise the hook.
  - d. Raise the boom to the desired height.
  - e. Slew the crane toward the area of operation.

(Asterisks indicates a leader performance step.)

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**Standard:** Prepare Haggglunds Crane for operation in accordance with Haggglunds Hydraulic Deck Crane Manual and TC 4-13.17 without injury to personnel or damage to crane.

**Special Condition:** None

**Safety Risk:** Medium

<b>Task Statements</b>
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**Cue:** You are assigned as a Crane Operator tasked with preparing the Haggglunds Crane for operations.

**DANGER**

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**CAUTION**

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**Remarks:** None

**Notes:** None

**Evaluation Guidance:** Score the Soldier GO if all steps are passed (P). Score the Soldier NO-GO if any 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 information, references and equipment required to perform the task are available. Use the TC and the Evaluation Guide to score the Soldier's performance. Brief the Soldier. Tell the Soldier what is required IAW the task condition and standard.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed pre-operational checks on the Haggglunds crane.			
2. Unstowed the Haggglunds crane from parking support.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	DA FORM 2404	EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET	Yes	No
	DA PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual	Yes	No
	HAGGLUNDS CRANE OP MANUAL	Hagglunds Hydraulic Deck Crane Manual	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 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-1405	Operate Hagglunds Crane in Single Mode	551 - Transportation (Individual)	Superseded

**Supported Individual Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
551-88H-2412	Supervise Stowage of Containers Aboard a Cargo Vessel	551 - Transportation (Individual)	Approved
551-88H-2403	Direct Preparation of Hagglands Crane for Operations	551 - Transportation (Individual)	Approved
551-88H-2406	Direct Set-up Procedures on Hagglands Crane for Twin Mode Operations	551 - Transportation (Individual)	Approved
551-88H-2404	Direct Stowing Hagglands Crane in Parking Support	551 - Transportation (Individual)	Approved
551-88H-1518	Open Hatches	551 - Transportation (Individual)	Analysis Completed

**Supported Collective Tasks : None**

**ICTL Data :**

<b>ICTL Title</b>	<b>Personnel Type</b>	<b>MOS Data</b>
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA
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