

Summary Report for Individual Task  
551-88H-1405  
Operate Haggglunds Crane in Single Mode  
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 23801 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 operate the Haggglunds Crane in single mode in a operational environment, day or night, in normal weather conditions, a completed risk assessment, a safety briefing, safety gear, Haggglunds crane, cargo, signalman, Haggglunds Hydraulic Deck Crane Manual, and TC 4-13.17. This task should not be trained in MOPP 4.

**Standard:** Raise, swing, and lower a load using the Haggglunds Crane in accordance with Haggglunds Hydraulic Deck Crane Manual and TC 4-13.17 without injury to personnel or damage to crane or cargo.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** Never

**Task Statements**

**Cue:** You are assigned as a Crane Operator tasked to operate the Haggglunds Crane in single mode.

**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 personnnel 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 personnnel 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 personnnel or damage to equipment

**Remarks:** None

**Notes:** None

### Performance Steps

1. Place the Haggglunds Crane into single mode operation.
  - a. Place SINGLE/TWIN control switch on SINGLE control.
  - b. Disengage slewing (swinging) locks on crane platform by pushing down on the swing lever until the lock disengages.
  - c. Press the START button to start the Haggglunds Crane (see Figure 3-41).

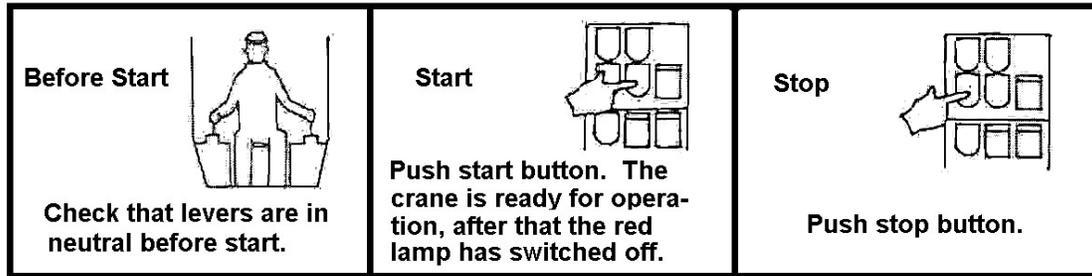


Figure 3-41  
Pressing Start Button on Haggglunds Crane

2. Operate the controls on the Haggglunds crane.
  - a. Raise the boom (jib) by pulling the luffing/swing control to the rear, using the right hand.
  - b. Lower the boom (jib) by pushing the luffing/swing control forward using the right hand.
  - c. Swing the boom (jib) to the left by moving the luffing/swing control lever to the left, using the right hand.
  - d. Swing the boom (jib) to the right by moving the luffing/swing control lever to the right, using the right hand.
  - e. Raise the hook by moving the hoist control lever to the right and rear, using the left hand.
  - f. Lower the hook by moving the hoist control lever to the right and forward, using the left hand.

(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 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.

Test this task in conjunction with the Cargo Operations assessment. Ensure Soldier understands why this task is important to the overall safety of Cargo Operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Placed the Haggglunds crane into single mode operation.			
2. Operated the controls on the Haggglunds crane.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	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 :

Task Number	Title	Proponent	Status
551-88H-1403	Prepare Hagglunds Crane for Operation	551 - Transportation (Individual)	Reviewed

**Supporting Individual Tasks :** None

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
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551-88H-2412	Supervise Stowage of Containers Aboard a Cargo Vessel	551 - Transportation (Individual)	Approved
551-88H-2403	Direct Preparation of Haggglunds Crane for Operations	551 - Transportation (Individual)	Approved
551-88H-1518	Open Hatches	551 - Transportation (Individual)	Analysis Completed
551-88H-1403	Prepare Haggglunds Crane for Operation	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-1406	Conduct Cargo Operations to Discharge and Load Breakbulk Cargo	55 - Transportation (Collective)	Approved

**ICTL Data :**

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