

**Summary Report for Individual Task
551-88H-2528
Check Winch 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, a safety briefing, an operation order/plan, hatch gang, winch, winch operator, cargo to load/unload, and TC 4-13.17. This task should not be trained in MOPP 4.

Standard: Check winch 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 checking that proper Winch Operations are being applied.

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 of 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 of 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 of personnel or damage to the equipment.

Remarks: None

Notes: None

Performance Steps

1. Inspect winches to ensure runners are wound in the correct direction over the top of the drum and are free of foreign objects (such as dunnage, paper, rags, and trash).

Note: The hatch foreman is required to make on-the-spot corrections during winch operations.

2. Direct winch operator to open ventilation cover and ensure the ventilation safety pin pops out.

Note: If the ventilator safety pin does not pop out, you may have to pull it out by hand.

3. Check operator turns each power switch to the ON position one at a time and listens for the fan to come on.

4. Check operator pushes winch control to the LOWER position to remove the cargo hook from the pad eye.

5. Check operator actuates winch controls to confirm winches are running smoothly.

6. Check operating safety procedures are followed by observation.

7. Direct operator to plumb the draft before hoisting the cargo.

8. Check signalman is giving correct standard hand signals to the winch operator.

9. Check signalman is visible to the winch operator at all times during the operation.

10. Check winch operator for smoothness of operation and ability to control the swing of the draft.

11. Check winch operator turns the switch to OFF before leaving winch controls.

(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 checking winch operations.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Inspected winches to ensure runners were wound in the correct direction over the top of the drum and were free of foreign objects.			
2. Directed winch operator to open ventilation cover so the ventilation safety pin popped out.			
3. Checked operator turned each power switch to the ON position one at a time and listened for fan to come on.			
4. Checked operator pushed winch control to the LOWER position to remove the cargo hook from the pad eye.			
5. Checked operator actuated winch controls to confirm winches were running smoothly.			
6. Checked operating safety procedures were followed by observation.			
7. Directed operator to plumb the draft before hoisting the cargo.			
8. Checked signalman gave correct standard hand signals to the winch operator.			
9. Checked signalman was visible to the winch operator at all times during the operation.			
10. Checked winch operator for smoothness of operation and ability to control the swing of the draft.			
11. Checked winch operator turned the switch to OFF before leaving winch controls.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	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 Electric Winch operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- Hearing protection requirements.
- Danger of suspended loads.
- Equipment operator awareness of support personnel location.

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
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551-88H-1502	Prepare Electric Winches for Operation to Load or Discharge Cargo	551 - Transportation (Individual)	Analysis Completed
551-88H-1503	Operate Electric Winches to Load or Discharge Cargo	551 - Transportation (Individual)	Analysis Completed

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88H-2518	Direct the Preparation of the Three Standard Rigs of Cargo Booms	551 - Transportation (Individual)	Approved
551-88H-2526	Direct Topping Booms Equipped with Multiple-Topping Lifts (Boom in Cradle)	551 - Transportation (Individual)	Approved
551-88H-2517	Rig Yard-and-Stay With a Double Purchase	551 - Transportation (Individual)	Approved
551-88H-2521	Direct the Rigging of Four Booms Doubled Up on a Double-Rig Hatch	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
55-2-4812	Perform Sea Port of Debarkation Activities for Deployment	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