

Summary Report for Individual Task  
551-88H-1424  
Perform Emergency Boom Operating Procedures on the RT 875 Rough Terrain Container Crane  
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 Transportation School, 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 perform emergency boom operating procedures on the RT 875 Rough Terrain Container Crane in an operational environment, day or night, in normal weather conditions, a completed risk assessment, safety briefing, safety clothing, a RTCC with a simulated lift cylinder hydraulic equalizer line failure, a signalman, slings, four tag lines, four tag line holders, a load to control, and TM 5-3810-306-10. Standard MOPP 4 conditions do not exist for this task. See the MOPP 4 statement for specific conditions.

**Standard:** Operate boom to lower load close to the ground and lower boom to its lowest position without injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** N/A

<b>Task Statements</b>
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**Cue:** You are assigned as a Crane Operator who has experienced lift cylinder hydraulic line failure and must perform Emergency Boom Operating Procedures.

<b>DANGER</b>
None

<b>WARNING</b>
Follow emergency stowage procedures properly. Failure to follow procedures could result in death or serious injury. Hearing protection required when operating the crane.

<b>CAUTION</b>
Operate engine at or near the governed RPM during performance of all crane functions.

**Remarks:** None

**Notes:** None

### Performance Steps

1. Maintain operator position. All functions can be accomplished from this position.

Note: Operator must have read ALL safety warnings and precautions listed in the operator's technical manual.

Note: The signalman will ensure that there are no obstructions and provide signals throughout the entire task to ensure a safe operation.

## CAUTION

Operator must watch the signalman and/or the load while it is moving. If the operator cannot see the signalman, stop the operation immediately.

2. Maintain engine at normal operation speed (2,500 revolutions per minute [RPM]).

3. Maintain the desired boom angle. Pull back on the boom control lever, as necessary (simulate this action since you do not have a real system failure).

Note: If this were a real hydraulic equalizer line failure, the leaking oil from the hydraulic system would cause the boom angle to drop unless you were able to react.

Note: This boom angle must be maintained while performing the next step.

4. Lower the boom.

Note: Sub-steps a, b, and c must be conducted simultaneously while maintaining the desired boom angle.

a. Operate swing (as necessary).

b. Retract the boom (as necessary).

c. Operate the hoist(s) (as necessary) and lower to the ground.

d. Lower the boom to the lowest extent possible.

e. Notify Supervisor.

Note: Hydraulic oil spill should be controlled and cleaned up immediately.

(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 performing emergency boom operating procedures on the RT 875 RTCC.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Maintained operator position.			
2. Maintained engine speed at normal operation speed.			
3. Maintained the desired boom angle.			
4. Lowered the boom.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TM 5-3810-306-10	OPERATORS MANUAL FOR CONTAINER CRANE, 40-TON, ROUGH TERRAIN, MODEL RT875CC (NSN 3810-01-205-2716)	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 Rough Terrain Container Crane 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/unbalanced loads.

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-1425	Perform Emergency Load Lowering Procedures on the RT875 Rough Terrain Container Crane	551 - Transportation (Individual)	Reviewed
551-88H-1606	Operate RT 875 Rough Terrain Container Crane Without a Load	551 - Transportation (Individual)	Reviewed

551-88H-1602	Prepare RT875 Rough Terrain Container Crane for Operations	551 - Transportation (Individual)	Reviewed
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**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-1602	Prepare RT875 Rough Terrain Container Crane for Operations	551 - Transportation (Individual)	Reviewed
551-88H-2607	Supervise RT875 Rough Terrain Container Crane Operations	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-5-0029	Conduct Container Operations	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW
MOS 88H - CARGO SPECIALIST SL1	Enlisted	MOS: 88H, Skill Level: SL1, Duty Pos: TAZ
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA