

Summary Report for Individual Task  
551-88H-1525  
Stow Wheeled and Tracked Vehicles on RO/RO Deck  
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 23801 foreign disclosure authority.

This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** Assigned as a Cargo Checker/Handler given a requirement to stow wheeled and tracked vehicles on RO/RO deck in an operational environment, day or night, in normal weather conditions, a completed risk assessment, safety briefing, safety gear, Roll-On/Roll-Off (RO/RO) ship, wheeled vehicles, tracked vehicles, prestowage plan, cooping and shoring cargo set, and references. This task should not be trained in MOPP 4.

**Standard:** Stow wheeled and tracked vehicles on RO/RO deck to prevent movement without injury to personnel or damage to the equipment or vessel.

**Special Condition:** None

**Safety Risk:** Low

**MOPP 4:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Cargo Checker/Handler on a RO/RO vessel and tasked to stow wheeled and tracked vehicles on the deck.

<b>DANGER</b>
Adhere to all DANGER statements listed in the vehicle or technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

<b>WARNING</b>
Adhere to all WARNING statements listed in the vehicle or technical operator's manual applicable to this procedure. Failure to comply may result in injury to personnel or damage to equipment.

<b>CAUTION</b>
Adhere to all CAUTION statements listed in the vehicle or 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. Stow wheeled vehicles on RO/RO deck (see Figure 3-72).

- a. Place each vehicle with the engine facing forward whenever possible.
- b. Lash each vehicle with at least four lashings.

Note: The Vessel Master may require additional lashings (see Figure 3-73). They must be crossed with the cable forming an "X" or led outboard from the vehicles with the mechanical quick-release devices attached as an option.

Note: When directed to stow tracked vehicles athwartship, the cargo handler must set the brakes on the vehicle, and block both sides and both ends.

- c. Shore up the chassis to take the pressure off oversized balloon tires.
- d. Block both sides and both ends of the vehicle and brace all wheel chocks.
- e. Correct securing deficiencies as soon as they are found.

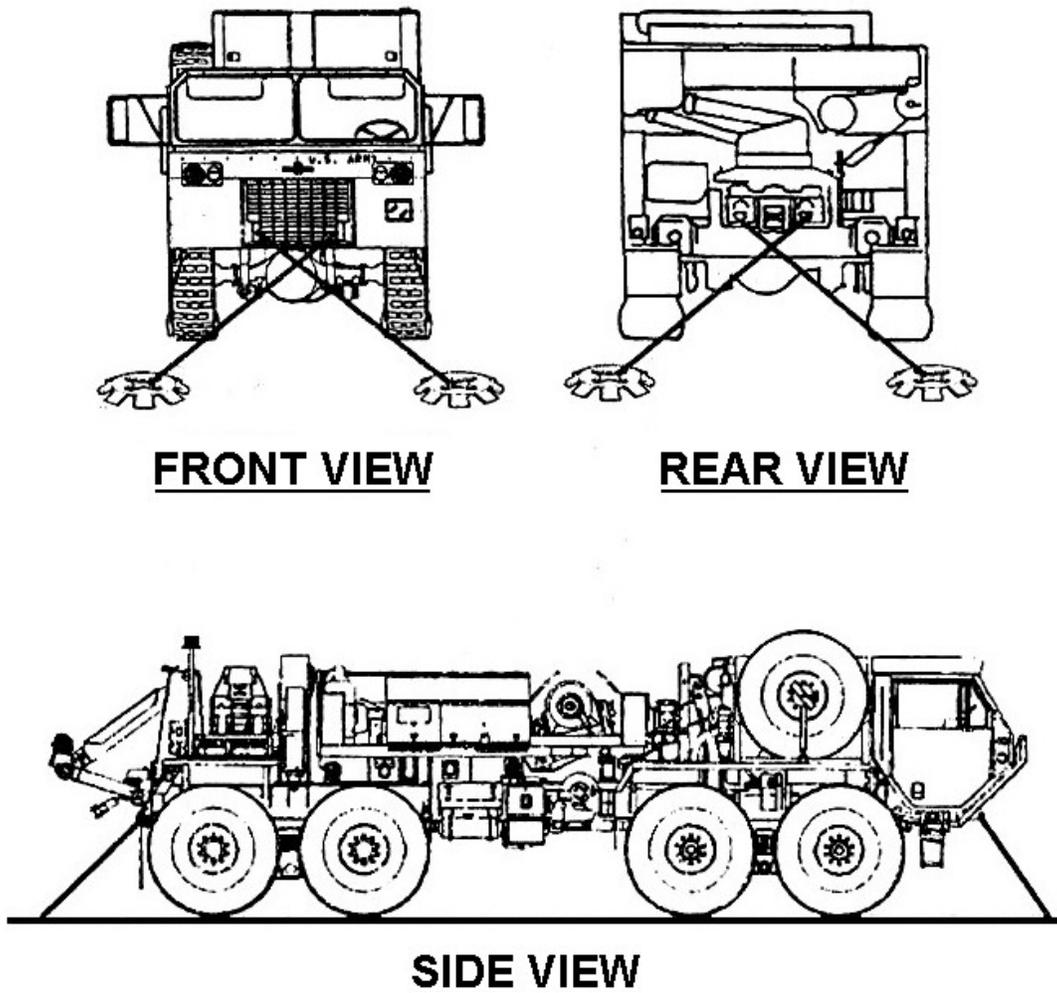


Figure 3-72  
Stowing Wheeled Vehicles

<b>Fast Sealift Ships</b>		
<b>Vehicle Weight</b>	<b>Lashing Strength</b>	<b>Total Number of Lashings Required</b>
Up to 8,930 lb	5,000 lb	4
Up to 17,860 lb	10,000 lb	4
Up to 25,180 lb	14,100 lb	4
Up to 30,360 lb	17,000 lb	4
Up to 62,510 lb	35,000 lb	4
Up to 125,020 lb	70,000 lb	4
Up to 250,040 lb	70,000 lb	8
<b>Other Ships</b>		
Up to 5,260 lb	5,000 lb	4
Up to 10,530 lb	10,000 lb	4
Up to 14,850 lb	14,100 lb	4
Up to 17,900 lb	17,000 lb	4
Up to 36,860 lb	35,000 lb	4
Up to 73,720 lb	70,000 lb	4
Up to 147,450 lb	70,000 lb	8

Figure 3-73  
Lashing

2. Stow tracked vehicles on RO/RO deck (see Figure 3-74).
  - a. Construct solid floor or planking, not less than 2 inches thick.
  - b. Stow vehicles in a fore and aft position unless told by the supervisor or ship's master to stow in an athwartship position.
  - c. Leave multi-fuel vehicles in neutral gear with the brake engaged.
  - d. Leave gasoline vehicles in gear with the brake engaged.
  - e. Lock or lash moving turrets in position on tanks.
  - f. Secure tracked vehicles weighing more than 18 tons with wire rope or chain and 6- x 8-inch lumber.
  - g. Secure tracked vehicles weighing less than 18 tons with wire rope or chain and 4- x 6-inch lumber.
  - h. Rig a dragline for moving tracked vehicles in the stowed position (if required).

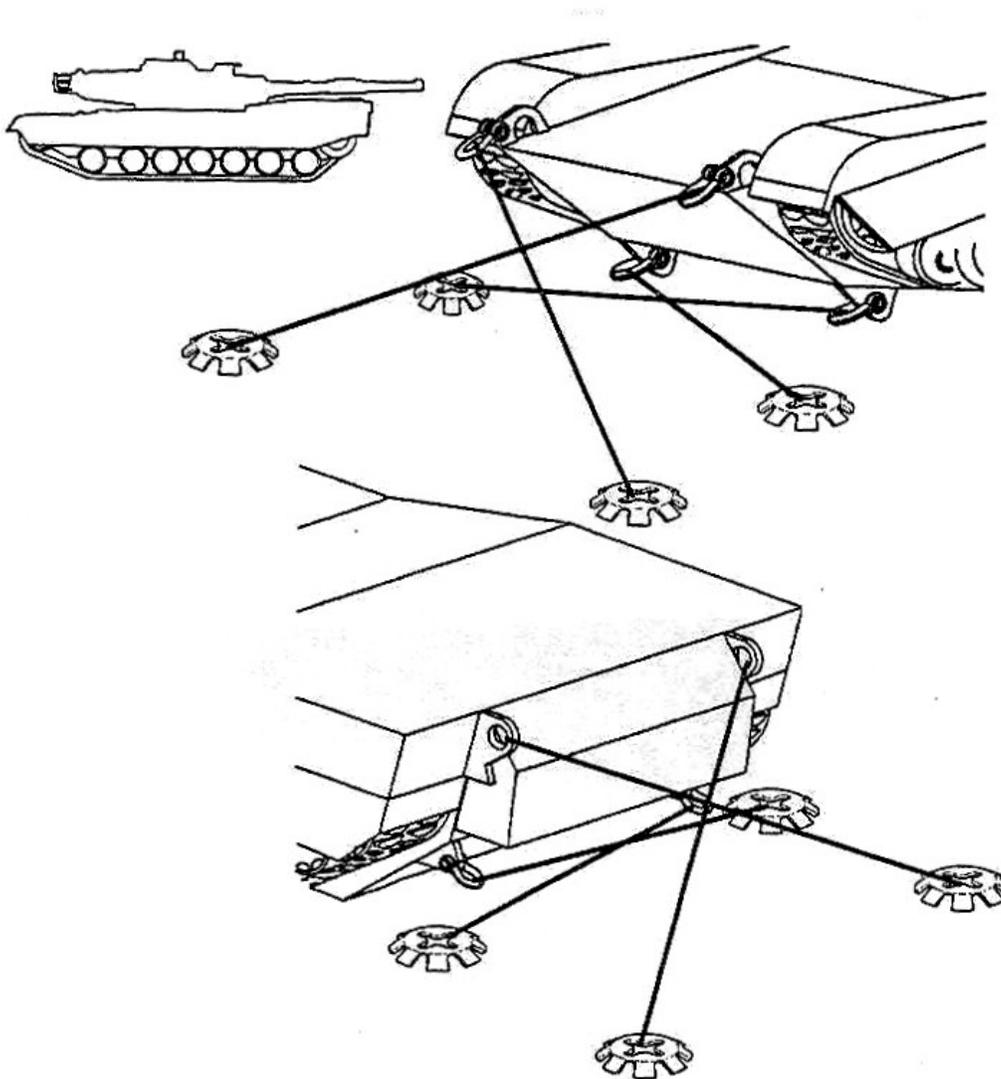


Figure 3-74  
Stowing Tracked Vehicles

(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 stowing wheeled and tracked vehicles on the RO/RO deck.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Stowed wheeled vehicles on RO/RO deck.			
2. Stowed tracked vehicles on RO/RO deck.			

**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 performing vehicle stowage 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 from moving vehicles.
- Danger from vehicle exhaust.

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-1417	Load Wheeled and Tracked Vehicles Aboard Cargo Vessel	551 - Transportation (Individual)	Approved
551-88H-1524	Perform Vehicle Guide Duties During RO/RO Operations	551 - Transportation (Individual)	Approved

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
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551-88H-3508	Direct Cargo Operations (RO/RO)	551 - Transportation (Individual)	Approved
551-88H-2513	Direct Stowage of Wheeled and Tracked Vehicles on RO/RO Deck	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
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 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