

Summary Report for Individual Task  
551-88H-1302  
Load Vehicles on Flatcar  
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 Cargo Checker/Handler given a requirement to load vehicles on a flatcar in an operational environment, day or night, in normal weather conditions, a completed risk assessment, safety briefing, safety clothing, vehicles, flatcar, tools, spanners, restraining materials, means of communication, and references. This task should not be trained in MOPP 4.

**Standard:** Load vehicles on a flatcar without injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** Never

<b>Task Statements</b>
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**Cue:** You are a Cargo Checker/Handler assigned with loading vehicles onto a flatcar.

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
When using the ramp, drivers should avoid braking suddenly to prevent skidding.
During the loading/unloading of heavy tracked vehicles, a locomotive must be coupled to the train with all brakes applied. For light vehicles, it will suffice to block the wheels of the wagons with the ordinary stop blocks used by the railways.

**Remarks:** None

**Notes:** None

### Performance Steps

1. Place spanners securely in place to bridge the distance between flatcars (see Figure 3-66).
2. Drive vehicles to ramp for loading.
3. Follow the ground guide's direction on the ramp and on each railcar.

Note: Before loading vehicles on flatcars ground guides must be positioned, one per flatcar and one on either side of the flatcar. Personnel will not walk backwards on flatcars.

4. Load all vehicles from the rearmost car and position them forward to the assigned position (see Figure 3-66).

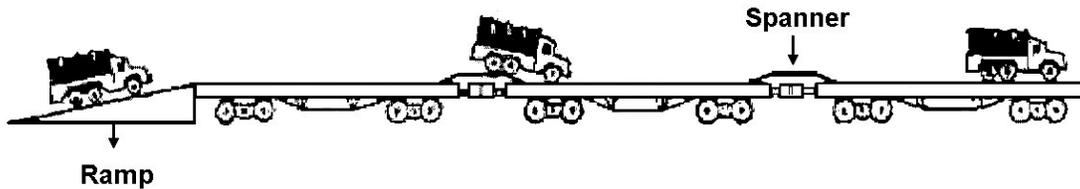


Figure 3-66  
Circus Method Loading Vehicles

5. Set handbrake on all wheeled vehicles, wire and block levers in the disengage position on all tracked vehicles.
6. Disconnect trailers from vehicles if directed.  
Note: If trailers are disconnected, lower the landing legs on semi-trailers and lower support wheels on small trailers.
7. Apply lashing materials to vehicles.  
Note: Lashings are not tightened completely until all blocks and chocks are nailed in place (see Figure 3-67 and 3-68).
8. Report activities to supervisor.

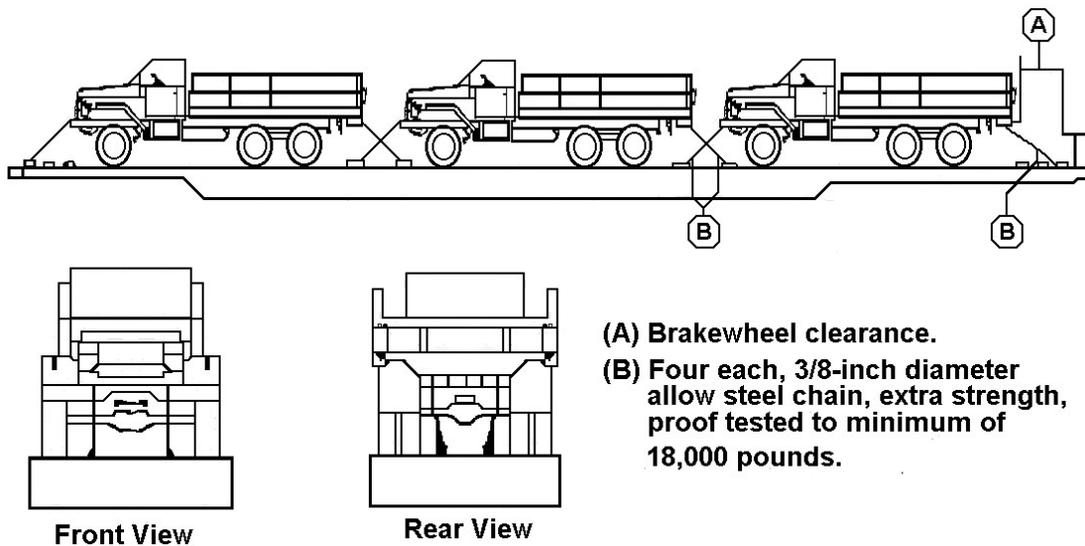


Figure 3-67  
Chain Securement of Three-Axle Vehicles

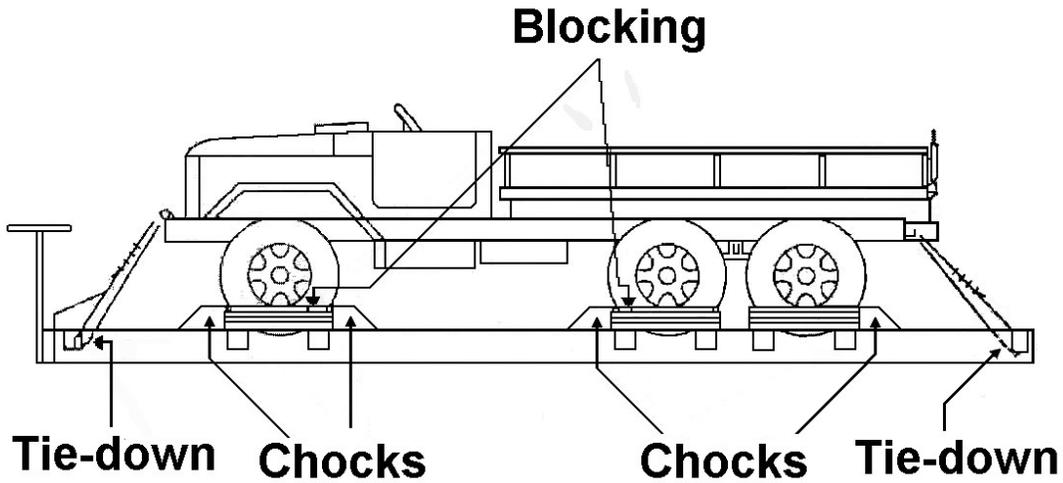


Figure 3-68  
Blocking and Bracing of Three-Axle Vehicles

(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 loading vehicles on a flatcar.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Placed spanners securely in place to bridge the distance between flatcars.			
2. Drove vehicles to ramp.			
3. Followed the ground guide's direction on the ramp and on each flatcar.			
4. Loaded all vehicles from the rearmost car and moved them forward to the assigned position.			
5. Set handbrake on wheeled vehicles, wired and blocked levers on tracked vehicles.			
6. Disconnected trailer if directed.			
7. Applied securing materials to vehicles.			
8. Reported activities to supervisor.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TC 4-13.17	Cargo Specialist's Handbook	Yes	No
	TEA PAM 55-19	Tiedown Handbook for Rail Movements	Yes	No
	TM 55-2200-001-12	TRANSPORTABILITY GUIDANCE FOR APPLICATION OF BLOCKING, BRACING AND TIEDOWN MATERIALS FOR RAIL TRANSPORT (REPRINTED W/BASIC INCL C1-4)	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 loading 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

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-2306	Conduct Rail Loading Operations	551 - Transportation (Individual)	Approved
551-88H-2305	Compute Blocking and Bracing Materials Required for Rail Movement	551 - Transportation (Individual)	Approved
551-88H-4301	Review Rail Plan for Loading/Unloading Cargo	551 - Transportation (Individual)	Superseded
551-88H-2306	Conduct Rail Loading Operations	551 - Transportation (Individual)	Superseded

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-4802	Conduct Rail Load 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
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