

Summary Report for Individual Task  
551-88M-2306  
Manually Steer the M1000 Semitrailer  
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 foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** In an operational environment, given an M1000 semitrailer with basic issue items (BII) and operational auxiliary power unit (APU), hearing protection, work gloves, and assistance as needed.

**Special Condition:** All operations involving the M1070 and M1000 require two persons. Some iterations of this task should be performed in MOPP 4.

**Standard:** Manually steer the M1000 semitrailer into position for movement with 100% accuracy, without causing injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Risk:** Medium

**MOPP 4:** Sometimes

<b>Task Statements</b>
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**Cue:** Your unit has a mission to move heavy equipment. Your HET tractor-Semitrailer combination is couple at an angle which requires a manual movement of the trailer.

## DANGER

Soldiers must be aware of the inherent dangers of working in and around tactical wheeled vehicles. Hot surfaces, sharp, moving objects such as fan blades, slippery surfaces, and excessively loud noises are all dangers. These dangers are also applicable to hazardous cargo being transported (as applicable). Each Soldier should take every precaution not to become a victim of these dangers by following regulatory guidance and risk management rules.

## WARNING

Adhere to all WARNING statements in the referenced technical manuals for the procedures identified for this task.

## CAUTION

Adhere to all CAUTION statements in the referenced technical manuals for the procedures identified for this task.

**Remarks:** None

**Notes:** None

## Performance Steps

1. Perform a composite risk assessment.
  - a. Identify hazards.
  - b. Assess hazards to determine risk.
  - c. Develop controls.
  - d. Implement controls.
  - e. Supervise.
  - f. Evaluate.
  
2. Start the APU. Refer to TM9-2330-381-14, paragraph 2-16, subparagraph a, pages 2-46 through 2-50.
  
3. Prepare semitrailer for manual steering operation. Refer to TM 9-2330-381-14, paragraph 2-21, subparagraphs b through f, pages 2-65 and 2-66 for applicable steps.
  
4. Steer bogie(s) manually in desired direction. Reference TM 9-2330-381-14, paragraph 2-21, subparagraphs g through i, page 2-66 for applicable steps.
  
5. Prepare semitrailer for travel. Refer to TM 9-2330-381-14, paragraph 2-21, subparagraph j (1) through (4), page 2-66 and 2-67 for applicable steps.
  
6. Shutdown the APU. Refer to TM 9-2330-381-14, paragraph 2-16, subparagraph b, on pages 2-50 and 2-51.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance measures are passed. Score the Soldier NO-GO if any performance measure is failed. Tell the Soldier what was done wrong and how to perform it correctly.

**Evaluation Preparation:** Setup: Provide for the Soldier a coupled M1070/M1000 HET System on solid level ground.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed a composite risk assessment.			
2. Started the APU.			
3. Prepared semitrailer for manual steering operation.			
4. Steered bogie(s) manually in desired direction.			
5. Prepared semitrailer for travel.			
6. Shutdown the APU.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	TM 9-2320-360-10	OPERATORS MANUAL FOR TRUCK, TRACTOR, M1070, 8X8, HEAVY EQUIPMENT TRANSPORTER (HET) (NSN 2320-01-318-9902) (EIC: B5C) (REPRINTED W/BASIC INCL C1-3)	Yes	No
	TM 9-2330-381-14	OPERATORS, UNIT, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL FOR HEAVY EQUIPMENT TRANSPORTER SEMITRAILER, 70 TON, M1000 (NSN 2330-01-303-8832) (EIC: CXU) {TM 09295A-14/1}D	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. 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

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer 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.

**Prerequisite Individual Tasks :**

Task Number	Title	Proponent	Status
551-88M-2375	Drive a Heavy Equipment Transporter (HET) on Improved Roads	551 - Transportation (Individual)	Superseded

**Supporting Individual Tasks :** None

**Supported Individual Tasks :** None

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-2-0024	Transport Crew Members and Overweight Vehicles or Oversized Cargo	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
MOS 88M - Motor Transport Operator	Enlisted	MOS: 88M
MOS 88M - Motor Transport Operator SL4	Enlisted	MOS: 88M, Skill Level: SL4
MOS 88M - Motor Transport Operator SL3	Enlisted	MOS: 88M, Skill Level: SL3
MOS 88M - Motor Transport Operator SL2	Enlisted	MOS: 88M, Skill Level: SL2

MOS 88M - Motor Transport Operator SL 1-4	Enlisted	MOS: 88M
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