

Summary Report for Individual Task  
551-88M-1659  
Transport Hazardous/Sensitive Cargo  
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, as a vehicle operator assigned a mission to transport hazardous/sensitive cargo. As part of a vehicle convoy you are to conceal the load from casual observation throughout the movement. Provided a mission-ready cargo vehicle with or without trailer or tractor-similarities combination, hazardous/sensitive cargo, tiedown materials, tarpaulin, blocking and bracing materials (as needed), completed DD Form 626 (Motor Vehicle Inspection (Transporting Hazardous Materials) and DD Form 836 (Dangerous Goods Shipping Paper/Declaration and Emergency Response Information of Hazardous Materials Transported by Government Vehicles/Containers/Vessels), and Soldiers to assist in loading and ground guiding as needed. A security force will accompany convoy. **Some iterations of this task should be performed in MOPP 4.**

**Standard:** The hazardous/sensitive cargo is to be loaded, secured, concealed, and transported to its destination in accordance with applicable references. At no time during movement is the safety and security of the load to be compromised by loss of custody, casual observation, improper loading, or vehicle operation. Cargo is to be off-loaded at destination without injury to personnel or damage to equipment and transfer of custody affected with appropriate documentation.

**Special Condition:** Special Conditions: A mission-ready vehicle is defined as a vehicle with before-operation PMCS completed without any fault or deficiency that would render the vehicle Not-Mission-Capable, with all BII and AAL loaded (as applicable), all maintenance worksheets, accident forms, and active dispatch present in the equipment records folder located in the vehicle cab. Operator possesses a valid operator's permit with required endorsements to transport hazardous materials and an ammunition handler's card (as required). Hazardous Cargo Defined - A material or substance capable of posing an unreasonable risk to health, safety, and property when transported. Hazardous cargo compatibility issues are not-applicable to this task (chain of command should ensure that load does not violate compatibility standards prior to loading). Risk Assessment - This Daily Risk Assessment, when completed by the Soldier's supervisor, should be made available to inform Soldier of identified control measures in place to mitigate risk for this task.

**Safety Risk:** High

**MOPP 4:** Sometimes

<b>Task Statements</b>
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**Cue:** Your unit has a mission to transport hazardous/sensitive cargo.

## 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 WARNINGS applicable to both the vehicle, trailer/ semitrailer and the associated cargo.

## CAUTION

Adhere to all CAUTIONS applicable to both the vehicle, trailer/semitailer and the associated cargo.

**Remarks:** None

**Notes:** None



## Performance Steps

### 1. Prepare vehicle to transport hazardous/sensitive cargo.

- a. For shipping hazardous materials, ensure additional vehicle inspections by shipper (DD Form 626) have been performed and deficiencies corrected (as applicable).
- b. Position vehicle near cargo to be loaded and shutdown engine unless needed to operate onboard MHE. Set vehicle parking brakes and chock vehicle.
- c. Clean out cargo bed to allow room for cargo to be loaded.
- d. Ensure tiedown materials are on hand to secure load to vehicle.
- e. Ensure cargo canvas and bow assembly and any required tarpaulins are available to conceal and protect the cargo during transport. If canvas is installed, remove it for loading.
- f. If load is containerized, check to see that semitrailer hold down devices function properly and are placed in proper configuration to receive container.
- g. Ensure applicable placarding materials are on hand that match the load characteristics and hazards.
- h. If necessary, ensure all blocking and bracing materials are on hand to secure load.
- i. Enforce no smoking within 50 feet and no open flame within 100 feet of load.
- j. Ensure there are two 10-BC fire extinguishers are present and one is mounted on outside of cab on driver's side and the other is mounted inside cab.
- k. Ensure any load-specific response equipment is available such as breathing apparatus in case of hazardous chemical loads.
- l. Prepare vehicle-mounted Material Handling Equipment for operation.

### 2. Prepare hazardous/sensitive cargo for movement.

- a. Ensure shipper completes DD Form 836 and provides copy to accompany cargo.

## CAUTION

### CAUTION

Classified material will be prepared for shipment, packaged, and sealed in ways that minimize the risk of accidental exposure or undetected deliberate compromise.

- b. Ensure the load is configured as applicable PRIOR to movement (courier duties if shipping classified items).

(1) If the classified material is an inaccessible component of a packageable item of equipment, the outer shell or body can be considered as the inner enclosure provided it does not reveal classified information.

(2) If the classified material is an inaccessible internal component of a bulky item of equipment, the outside or body of the item can be considered to be sufficient enclosure provided it does not reveal classified information.

(3) If the classified material is an item or piece of equipment that is not easily packageable and the shell of body is classified, it will be concealed with an opaque covering that will hide all classified features.

(4) Specialized shipping containers including closed cargo transporters, can be considered the outer wrapping or cover when used.

(5) NATO-restricted materials do not have to be double-wrapped when it is transmitted within the United States. The marking "NATO CLASSIFIED" will not appear on the outermost wrapper.

c. Cover the classified/sensitive cargo to prevent accidental exposure or undetected deliberate compromise.

d. Secure load to prevent access to unauthorized personnel throughout custody.

Note: If cargo is classified SECRET or TOP SECRET, the cargo must have an attached receipt form to be completed by the recipient and returned to the originator.

e. Ensure custody receipt is attached to the load.

f. Establish radio communications link with security team.

g. Ensure adequate armed security is available and ready for movement.

h. If cargo is sensitive and considered dangerous, ensure proper placarding it displayed on load-carrying vehicle.

3. Load cargo onto vehicle/semitrailer.

a. If necessary, manipulate MHE into position, lift and place cargo onto vehicle/trailer/semitrailer with heavier items on bottom.

b. Secure all cargo items with tiedown devices ensuring no damage to containers.

c. Cover the dangerous/sensitive cargo to prevent unauthorized deliberate compromise or casual observation.

Note: If cargo is classified SECRET or TOP SECRET, the cargo must have an attached receipt form to be completed by the recipient and returned to the originator.

d. Ensure custody receipt is attached to the load.

e. Establish radio communications link with security team (as applicable)

4. Conduct movement with classified/sensitive cargo.

a. Notify security personnel of start of movement.

b. Follow designated route to destination.

c. Notify chain-of-command as each route checkpoint is passed.

d. Maintain positive control of classified/sensitive cargo throughout movement.

e. Allow no unauthorized person(s) visual or physical access to cargo during movement.

f. Upon reaching destination, relinquish custody of classified/sensitive cargo to authorized personnel with proper identification.

g. Obtain authorized signature from recipient on custody receipt (if cargo is classified as SECRET or TOP SECRET).

h. Upon return to origin, ensure custody receipt is given to originator (if cargo is classified as SECRET or TOP SECRET).

i. Transfer DD Form 836 to recipient of cargo (as applicable).

(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. If any performance measure is failed, tell the soldier what was done wrong and how to do it correctly.

**Evaluation Preparation:** Setup: Brief Soldier on task specifications. Provide a tactical wheeled vehicle or vehicle combination as identified in task conditions statement, hearing protection, a load that is classified as dangerous/sensitive, proper documentation, assistance in loading, mission OPORD information, timeline for movement.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Prepared vehicle to transport hazardous/sensitive cargo.			
2. Prepared hazardous/sensitive cargo for shipment.			
3. Loaded cargo onto vehicle/trailer/semitrailer for movement.			
4. Conducted movement with hazardous/sensitive cargo.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	AR 190-11	Physical Security of Arms, Ammunition and Explosives, Revision September 05,2013	Yes	No
	AR 380-5	DEPARTMENT OF THE ARMY INFORMATION SECURITY PROGRAM	Yes	No
	ATP 4-11	ARMY MOTOR TRANSPORT OPERATIONS	No	Yes
	DD FORM 626	MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)	Yes	No
	DD FORM 836	DANGEROUS GOODS SHIPPING PAPER/DECLARATION AND EMERGENCY RESPONSE INFORMATION OF HAZARDOUS MATERIALS TRANSPORTED BY GOVERNMENT VEHICLES/ CONTAINERS/VESSELS (AVAILABLE ON	Yes	No
	PAM 385-64	Ammunition and Explosives Safety Standards (Change 001 - 10 Oct 2013)	Yes	No
	TC 21-305-20	Manual for the Wheeled Vehicle Operator {AFMAN 24-306(I)}	No	No
	TM 9-2320-319-10-1	OPERATOR S MANUAL FOR TRUCK, TRACTOR, M1074A1 AND M1075A1 PALLETIZED LOAD SYSTEM M1074A1 (NSN: 2320-01-544-2244)	No	No
	TM 9-2320-345-10	OPERATORS MANUAL FOR TRUCK, LOAD HANDLING SYSTEM (LHS), W AND W/O WINCH, 8X8 M1120A4 (NSN 2320-01-534-1872)(EIC BG7) (THIS ITEM IS INCLUDED ON EM 0288)	No	Yes
	TM 9-2320-392-10-1	OPERATORS MANUAL FOR THE M1083A1SERIES 5 TON, 6X6 MEDIUM TACTICAL VEHICLES (MTV) VOLUME NO. 1 OF 2 MODEL TRK., CAR., M1083A1 W/WN (2320-01-447-3884) (EIC BUL);W/O WN (2320-01-447-3890) (EIC BUL);W/O WN	No	Yes
	TM 9-2320-426-10 (Change 002 - 5/17/2013)	Operator's Manual for Truck, Tractor, Line Haul: 66,000 GVWR, 6X4, M915A5 (NSN: 2320-01-552-2922)	No	Yes
	TM 9-2330-359-14&P	OPERATORS, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LISTS) FOR SEMITRAILER, FLATBED: BREAKBULK/CONTAINER TRANSPORTER, 34 TON M872 (T	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. Regarding vehicle - Ensure drip pans are used when vehicle is parked. Regarding hazardous cargo - Ensure cargo containers do not leak thus contaminating the soil and causing a hazard to personnel.

**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. Regarding vehicle - Ensure all WARNING and CAUTION statements are adhered to from the vehicle or equipment TM.

Regarding vehicle - Ensure hearing protection is worn by all personnel in vicinity of operating vehicle or material handling equipment.

Ensure all visual hand and arm signals are thoroughly understood and complied with during operations.

Ensure no personnel are allowed under any suspended load.

Ensure no smoking within 50 feet and no open flames within 100 feet of load.

Ensure two 10-BC fire extinguishers are present and personnel know how to use them. Ensure extinguishers are mounted as indicated in task.

Ensure any response equipment/devices are present to react to appropriate emergency. Example: A breathing apparatus required for some chemical cargo.

Vehicle operator must adhere to all additional safety precautions stated concerning movement of hazardous/sensitive cargo.

Instructors (unit Master Driver) must ensure that operators (candidates) of tactical wheeled vehicles are trained IAW AR 600-55, AR 385-10 Chapter 11, vehicle training circulars (TC), and FM 21-305. When training on a specific vehicle the instruction will include all safety hazards and risks of operating or working with the vehicle.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
551-88M-2420	Supervise Transportation of Hazardous/Sensitive Cargo	551 - Transportation (Individual)	Analysis

**Supported Collective Tasks :** None