**Conditions:** Assigned as a Platoon Sergeant, Soldier must monitor handling of dangerous or hazardous cargo for operations for motor transport movement. Given a completed risk assessment, all applicable publications, forms, and records, tools, materials, personnel, equipment in all weather conditions day or night in an operational environment. This task should not be trained in MOPP 4.

**Standards:** On orders; Soldier will monitor handling of dangerous or hazardous cargo operations for motor transportation movement IAW title 49 of the Code of Federal Regulations (CFR), DD Form 2890 (DOD Multimodal Dangerous Goods Declaration), procedures and specifications utilizing the task Go/No-Go criteria. Comply with all warnings, cautions, and notes listed in all references. Soldier must perform this task with 100% compliance, without injury or damage to equipment.

**Special Conditions:** None

**Safety Risk:** Low

**MOPP 4:** Never

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**Task Statements**

**Cue:** Assigned as a Platoon Sergeant, Soldier is required to monitor the handling of dangerous or hazardous cargo for motor transport movement.

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**DANGER**

Adhere to all DANGER statements listed in the technical manuals and field manuals applicable to this procedure. Failure to comply may result in injury to personnel or damage to the equipment.
WARNING

MODIFICATION HAZARD
Unauthorized modifications, alterations or installations of or to this equipment are prohibited and are in violation of AR 750-10. Any such unauthorized modifications, alterations or installations could result in death, injury or damage to the equipment.

HIGH PRESSURE HYDRAULIC SYSTEM HAZARDS
Hydraulic systems can cause serious injuries if high pressure lines or equipment fail. Never work on hydraulic systems or equipment unless there is another person nearby who is familiar with the operation and hazards of the equipment, and who can give first aid. A second person should stand by controls to turn off hydraulic pumps in an emergency. When the technicians are aided by the operators, the operators must be warned about dangerous areas.

MOVING MACHINERY HAZARDS
Be very careful when operating or working near moving machinery. Running engines, rotating shafts, and other moving machinery parts could cause personal injury or death.

ELECTRICAL HAZARDS
Whenever possible, the power supply to the equipment must be shut off before beginning work on the equipment. Do not be misled by the term "low voltage."Potentials as low as 50 volts may cause death under adverse conditions". Be careful not to contact 115-Vac input connections when installing or operating this equipment. Whenever the nature of the operation permits, keep one hand away from the equipment to reduce the hazard of current flowing through the body.

CAUTION

None

Remarks: None
Notes: None
Performance Steps

1. Ensure that all technical and safety procedures are followed when transporting hazardous materials via motor transport movement.

   a. Direct personnel to check the area that contains the hazardous materials and post warning/restrictions signs as required.

   b. Direct personnel to post NO SMOKING signs within 50 feet from the loading area.
      
      Note: At origin, the shipper must inspect the vehicle before loading any hazardous or dangerous cargo.

   c. Direct personnel to verify that all motor vehicle inspection requirements are inspected on the DD Form 626 (see Figure 3-181).

   d. Validate that there are no deficiencies listed on inspection report that will affect the safe operation of the vehicle and its load.

   e. Direct personnel to validate that all deficiencies found are corrected before the vehicle is loaded.

   f. Direct drivers that each truck hauling explosives must have two (2) fire extinguishers.

   g. Direct personnel that gasoline-operated forklifts must be equipped with spark arresters.

   h. Inform personnel that fuses and detonating devices must not be loaded in trucks that contain explosives, except for fixed ammunition.

   i. Direct truck drivers to turn the motor off while explosives and flammables are being loaded.

   j. Direct personnel to ensure that DD Form 626 is properly filled out in accordance with instructions and the inspector signs the DD Form 626.
2. Ensure that all hazardous cargo is properly documented on DD Form 2890.

   a. Ensure that the hazardous material (HAZMAT) certifying official was trained at a Department of Defense (DOD) approved school within the past 24 months.

   b. Ensure that the proper Emergency Response Information for Hazardous Material is submitted along with the unit request for transportation.

   c. Ensure that the proper shipping information is input on the DD Form 2890 as follows:

      (1) Block 1. Nomenclature.

      (2) Block 2. Shipper's Name/Address/Phone Number.

      (3) Block 3. Number of pages.

      (4) Block 4. Cargo.

      (5) Block 5. Consignee Name.

      (6) Block 6. Remarks.
(7) Block 7. Emergency Response guide numbers.

(8) Block 8. Shipper's Certification.

d. Ensure the HAZMAT certifying official provides the driver with a signed copy of the DD Form 2890.

e. Ensure personnel retain a copy of the DD Form 626 and the DD Form 2890 with the commercial bill of lading (CBL) as a file copy.

f. Ensure that a qualified individual from the unit coordinates with the Freight Movement Office who schedules shipments and selects the carriers being used to move the shipments.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier a GO if all performance measures are correctly completed/pass (P). Score the Soldier a NO-GO if any of the performance measures are missed or incorrectly performed/fail (F).

Evaluation Preparation: Test this task in with applicable training material. Ensure Soldier understands why this task is important to support the overall training objective.

Setup: Test this task in in accordance with prescribed references or Technical Manual (TM).

Brief Soldier: Tell the Soldiers adhere to all Safety precautions when performing the task listed.

Note: Ensure that all required equipment to perform this task is available.

### PERFORMANCE MEASURES

<table>
<thead>
<tr>
<th>Step Number</th>
<th>Reference ID</th>
<th>Reference Name</th>
<th>Required</th>
<th>Primary</th>
<th>Source Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Ensured that all technical and safety procedures were followed when transporting hazardous materials via motor transport movement.</td>
<td>GO</td>
<td>NO-GO</td>
<td>N/A</td>
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<tr>
<td>2.</td>
<td>Ensured that all hazardous cargo was properly documented on DD Form 2890.</td>
<td>GO</td>
<td>NO-GO</td>
<td>N/A</td>
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Supporting Reference(s):

<table>
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<th>Reference Name</th>
<th>Required</th>
<th>Primary</th>
<th>Source Information</th>
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<tbody>
<tr>
<td>ATP 4-11</td>
<td>ARMY MOTOR TRANSPORT OPERATIONS</td>
<td>Yes</td>
<td>No</td>
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<td>CFR 46</td>
<td>Shipping</td>
<td>Yes</td>
<td>No</td>
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<td>CFR 49</td>
<td>Title 49-Transportation</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td>DD FORM 2890</td>
<td>DOD MULTIMODAL DANGEROUS GOODS DECLARATION</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>DD FORM 626</td>
<td>MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>TC 21-305-20</td>
<td>Manual for the Wheeled Vehicle Operator (AFMAN 24-306(I))</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>TC 4-13.17</td>
<td>Cargo Specialist's Handbook</td>
<td>Yes</td>
<td>No</td>
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TADSS: None

Equipment Items (LIN): None

Materiel Items (NSN):

<table>
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<tr>
<th>Step ID</th>
<th>NSN</th>
<th>LIN</th>
<th>Title</th>
<th>Qty</th>
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<tr>
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</table>

No materiel items specified

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 the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. It is the responsibility of all Soldiers and DA civilians to protect the environment from damage.
200-1 delineates TRADOC responsibilities to integrate environmental requirements across Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel and Facilities (DOTMLPF) and ensure all training procedures; materials and doctrine include sound environmental practices and considerations.

The Army’s environmental vision is to be a national leader in an environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. This Training Support Package meets this standard.

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 ATP-45.5 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 current Risk Management Doctrine. 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 current CBRN doctrine. In a training environment, leaders must perform risk management in accordance with ATP 5-19, Risk Management. Leaders will complete a DD Form 2977 DELIBERATE RISK ASSESSMENT 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), as well as any other variables.

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.

No food or drink is allowed near or around electrical equipment (CPU, file servers, printers, projectors, etc.) due to possible electrical shock or damage to equipment. Exercise care in personal movement in and through such areas. Avoid all electrical cords and associated wiring. In event of electrical storm, you will be instructed to power down equipment.

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 ATP 3-11.32, NBC Protection, ATP 3-11.32, CBRN Decontamination.

**Prerequisite Individual Tasks:** None

**Supporting Individual Tasks:**

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<th>Task Number</th>
<th>Title</th>
<th>Proponent</th>
<th>Status</th>
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<tbody>
<tr>
<td>551-88H-3529</td>
<td>Manage Safety Procedures in the Handling/Storage of Dangerous or Hazardous Cargo</td>
<td>551 - Transportation (Individual)</td>
<td>Approved</td>
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<tr>
<td>551-88H-3517</td>
<td>Direct Dangerous or Hazardous Cargo Operations for Motor Transport Movement</td>
<td>551 - Transportation (Individual)</td>
<td>Approved</td>
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<tr>
<td>551-88H-3527</td>
<td>Determine Compatibility of Dangerous or Hazardous Cargo</td>
<td>551 - Transportation (Individual)</td>
<td>Approved</td>
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**Supported Individual Tasks:** None

**Supported Collective Tasks:** None

**Knowledges:**

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<th>Knowledge Name</th>
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<tr>
<td>K-551-H-0080</td>
<td>Knowledge of dangerous and hazardous cargo handling procedures</td>
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<tr>
<td>K-551-H-0314</td>
<td>Knowledge of Hazardous or Dangerous Cargo Transport Procedures and Regulations</td>
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<tr>
<td>K-551-H-0315</td>
<td>Knowledge of dangerous and hazardous cargo safety procedures</td>
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**Skills:**

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<tr>
<td>Code</td>
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<td>--------------</td>
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<tr>
<td>S-551-H-0225</td>
<td>Ability to determine compatibility of dangerous or hazardous cargo</td>
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<tr>
<td>S-551-H-0224</td>
<td>Ability to follow dangerous or hazardous cargo safety procedures</td>
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<tr>
<td>S-551-H-0223</td>
<td>Ability to monitor/supervise personnel and give instructions and corrections as needed</td>
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**ICTL Data**: None