

Summary Report for Individual Task
551-88M-1359
Operate a Vehicle in a Convoy
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

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Condition: In an operational environment (OE), given a vehicle that has not been marshaled into order of march for convoy in a high threat area, given briefing by the convoy commander, a mission-ready tactical wheeled vehicle with trailer or semitrailer, cargo to transport, tiedown materials, load-bearing vest (LBV), with kevlar, protective mask, and hearing protection. DD Form 1384 (TCMD), DD Form 518, SF Form 91, DA Form 5988-E, DA Form 5987-E, and equipment records folder. Some iterations of this task should be performed in MOPP 4. This task should be trained under IED Threat conditions.

Standard: Load or assist in loading a tactical cargo vehicle and operate the vehicle on and off-road as part of a tactical convoy movement according to specific instructions from the convoy or serial/march unit commander. Load must be properly positioned and secured for transport. Secure and complete all maintenance and operational documents associated with the vehicle and load prior to movement. Exercise heightened situational awareness by performing required scanning procedures to detect enemy threats to convoy during convoy movement. Be situationally aware of the status of the load during movement. Maintain established convoy interval, speed and vehicle position within the convoy. Perform all at-halt checks on vehicle and load, and correctly react to and relay any hand and arm signals used during the convoy. Upon reaching destination unload or assist in unloading cargo and complete any required documentation portraying custody of load. Perform all requirements IAW applicable references without injury to Soldiers or damage to the equipment.

Special Condition: Special Conditions: Convoy is operating in a OE tactical environment. Defensive preparations are applicable. "Mission-ready vehicle" is defined as a vehicle is armored or has been hardened as appropriate, has all preventive maintenance checks completed and is in operational condition with no NMC faults. This includes any installed communications or navigation equipment and armaments (as applicable). If the convoy column is not divided into serial/march units the convoy commander will be the issuing authority for all commands.

Safety Risk: Medium

MOPP 4: Sometimes

Task Statements

Cue: Mission requirement

DANGER

In an Operational Environment, the possibility exists of hostile enemy forces being present. Attack of convoy assets is possible. All personnel should adhere to all threat briefing precautions and threat postures of heightened situational awareness throughout the mission.

WARNING

See reference technical manuals for all applicable WARNING statements applicable to the task standard.

CAUTION

See reference technical manuals for all applicable CAUTION statements applicable to the task standard.

Remarks: None

Notes: None

DANGER

The possibility exists of serious injury or death when operating in an Operation "threat" environment. Every precaution should be taken for self-defense of everyone involved in the mission by adhering to established mission/safety briefing instructions.

WARNING

Adhere to all WARNING and CAUTION statements in vehicle TM, as well as all convoy safety and operational briefings.

CAUTION

Adhere to convoy briefing instructions.

Safety: Adhere to all safety briefings, and guidelines for vehicle operation in a convoy.

Cue: Your unit has received a mission to conduct a tactical resupply mission in a threat environment.

Environmental: Vehicle or equipment operators are responsible for the proper disposal of fluid contaminant according to established local guidelines. Every effort must be made to capture any vehicle or equipment leakage and dispose of properly.

Remarks: None

1. Load cargo onto trailer/semitrailer.

Note: None

a. Ensure that vehicle and trailer/semitrailer are chocked and hand brake is set.

b. Prepare trailer/semitrailer for loading operation.

(1) Ensure adequate tiedown materials are on hand and prepared for use.

(2) Remove canvas tarpaulin, or other cover if installed.

(3) Check trailer/semitrailer bed and ensure cargo area is clear.

(4) Remove any sideboards as necessary, if installed.

(5) If using MHE, prepare device for operation (see applicable TM).

c. Place heavy items on the bottom and lighter items on top.

d. If loading payload vehicle(s) onto a semitrailer/flattrack, a ground guide must slowly guide vehicle into position.

e. Distribute heavy cargo as evenly as possible over the bed to maintain a safe weight distribution.

f. Keep the load as low as possible. A high load may make the vehicle difficult to control and may cause it to overturn during movement.

g. Fill the cargo space to the maximum weight allowable.

h. For multi-stop loads, separate cargo by destination for easy offloading.

i. If possible, load items of uniform weight and size together.

j. Load drums and barrels either upright or on their sides. If blocked on their sides their length should be parallel to the sides of the truck/trailer.

Environmental: Vehicle or equipment operators are responsible for the proper disposal of fluid contaminant according to established local guidelines. Every effort must be made to capture any vehicle or equipment leakage and dispose of properly.

2. Secure cargo onto trailer/semitrailer.

a. Block and brace cargo with lumber or other materials to keep the load from shifting or falling off the vehicle while enroute.

b. Block crates, boxes and barrels to keep them from shifting enroute.

c. Use crib blocking whenever possible. It need not be nailed to the floor or sides if placed tightly against the cargo to reduce damage to the floor and sideboards of the vehicle.

d. If a gap exists between pipes or lumber and the end of the trailer, block the load with a gate constructed with 4X4 inch boards to prevent it from slipping.

e. All lumber used for blocking must be free from knots and strong enough to provide a rigid and stable support for the load enroute.

WARNING

ENSURE THAT BOTH THE WEIGHT LIMITATIONS OF THE TIEDOWN STRAPS (OR OTHER DEVICES USED) AND THE TIEDOWN ANCHORS ON THE VEHICLE CARGO BED ARE NOT EXCEEDED OR INJURY OR DEATH TO PERSONNEL MAY OCCUR OR DAMAGE TO EQUIPMENT MAY RESULT.

f. Tiedown the load with available tiedown materials.

(1) Use tiedown straps for general cargo and large component items.

(2) Use tiedown chains or wire rope and turnbuckles or loadbinders as needed for tiedown of vehicles, CONEXs or MILVANS that are not directly connected to the transporter.

g. When the load must be protected from the weather, pad the corners of boxes or crates to prevent damage to the tarpaulin.

h. Lash the load with a tarpaulin and rope as necessary to prevent pilferage, weather damage, or casual observation if sensitive.

3. In the staging area, move the vehicle into position according to the convoy order of march.

a. Refer to the vehicle TM for starting procedures.

b. Follow the ground guide to maneuver vehicle into position.

c. Shutdown vehicle per the TM (unless told otherwise).

4. Conduct convoy pre-departure checks.

a. Conduct a communications check (if so equipped).

b. Identify by bumper number, the vehicles immediately ahead of and behind your vehicle in the convoy column.

c. Check load security. Adjust tiedown devices as needed.

d. Check security of all stowage compartments.

e. Conduct sensitive items check.

Note: Convoy commander or tactical standing operating procedure (TACSOP) may dictate specific items.

f. Ensure that the assigned weapon is loaded/unloaded according to the SOP or convoy commander's guidance.

g. Ensure that all forms required are present with the required signatures in the equipment records folder.

(1) DA Form 5988-E (Equipment Maintenance Inspection worksheet).

(2) DD Form 518 and SF Form 91 (accident forms).

(3) Any cargo load forms required.

(4) DA Forms 626 and 836 (hazardous cargo only).

(5) DA Form 5987-E (Motor Equipment Dispatch).

5. Start the vehicle on signal or order from convoy commander/serial/march unit commander. Recover and stow all wheel chocks.

6. If cargo vehicle is loaded, start off slowly without placing undue strain on vehicle. Recover wheel chock and set the vehicle in motion upon signal or order from the convoy commander or serial/march unit commander.

7. Maintain the convoy speed and vehicle interval during movement.

a. Maintain visual contact with the vehicle immediately in front of and behind your vehicle (if weather permits)

b. Track the vehicle in front and the trailing vehicles to adjust your speed, interval and position.

c. Slow down when approaching curves, especially if heavily loaded, to prevent the vehicle from overturning.

d. Allow extra stopping distance if vehicle is heavily loaded.

8. Maintain a high state of situational awareness.

a. Perform side-to-side scanning 9 o'clock to 1 o'clock.

b. Watch for threats to the convoy such as:

(1) Suspicious individuals or groups along roadway.

- (2) Unexploded improvised explosive devices (IEDs).
 - (3) Abandoned vehicles along the roadway.
 - (4) Dead animals along the roadway.
 - (5) Overpasses over the route of march.
 - (6) Built-up areas, especially multi-story buildings close to the roadway.
 - (7) Intersections.
- c. Respond to threats in accordance with unit TACSOP.
 - d. Monitor vehicle instrument panel gauges, listen, and be aware of any unusual vehicle performance while moving.
9. Acknowledge hand and arm signals by adjusting vehicle speed, interval and position during movement. Relay hand-and-arm signals to the trailing vehicle drivers.
10. During halt, position the vehicle as directed.
11. During halt, shutdown the vehicle (unless told otherwise for the mission) (if this method is used).
- a. Refer to the vehicle TM for proper shutdown procedures.
 - b. Chock the vehicle wheels as necessary.
12. During halt, perform during-operation maintenance checks on the vehicle and trailer (if so equipped). Correct or record any faults noted during movement.
- a. Record any uncorrectable faults.
 - b. Notify the convoy chain-of-command if the vehicle becomes non-mission capable (NMC).
13. During halt, check security and condition of load (if loaded).
- a. Check tiedown devices for security.
 - b. Account for all sensitive items prior to halt area departure.
 - c. Ensure that the load has not shifted during movement.
 - d. Notify convoy chain of command if the load was damaged during movement.
14. Resume convoy movement on signal or order from convoy commander.
15. For off-road driving operations ensure all cargo is secure to prevent shifting and perform the following steps.
- a. Negotiate shallow ditches.
 - (1) Stop the vehicle and check the terrain for obstructions.

(2) Select the proper gear or gear range for this type of terrain.

(3) Slowly steer the tractor toward the ditch so that one wheel on the axle will leave the ditch as the other wheel on the same axle enters it.

(4) Closely observe for any side movement of trailer or semitrailer to determine any steering corrections while entering ditch. If loaded, vehicle (more top-heavy) is more likely to slide sideways so use extra caution to prevent vehicle rollover.

b. Negotiate deep ditches.

(1) Stop the vehicle and check terrain for obstructions.

(2) If equipped with CTIS, select proper mode for terrain, monitor panel lights to verify system settings to inflate or deflate tires, and adhere to vehicle speed restrictions.

(3) Place the transfer shift lever into all-wheel drive or four-wheel drive and into lowest gear or gear range.

(4) Approach the ditch at an angle and accelerate the vehicle enough to keep it rolling as it goes up the other side.

c. Negotiate through gullies and ravines.

(1) Repeat steps 15a(1-2)

(2) Ease the front wheels over the edge and into the ravine.

(3) Steer a straight course so that both front wheels strike the bottom at the same time.

(4) Accelerate enough so that the vehicle can climb up the opposite bank.

d. Negotiate through wooded terrain.

(1) Repeat steps 15a(1-2)

(2) Maneuver around obstructions watching for stumps and other obstructions.

e. Negotiate rocky terrain.

(1) Repeat steps 15a(1-2)

(2) Drive slowly choosing route while advancing.

(3) Once clear of terrain stop, check and remove rocks wedged between duals.

f. Negotiate through streams (fording).

(1) Repeat steps 15a(1-2).

(2) Drive through the water at a steady speed. Do not attempt to shift gears (manual trans).

(3) Dry the brakes by applying slight pressure over a straight, level stretch of road until normal braking occurs.

g. Negotiate though sandy areas.

(1) If equipped with CTIS, select proper mode for terrain, monitor panel lights to verify system settings to inflate or deflate tires, and adhere to vehicle speed restrictions.

(2) If using manual transmission do not attempt to shift gears in deep sand.

(3) Maintain momentum until back on hard or packed surface.

16. As directed, move the vehicle into the assembly area.

a. Follow the ground guide into the assembly area (if guide is available).

b. Follow the lead vehicle into the assembly area (as directed if the guide is not available).

17. Move vehicle into position for off-loading cargo. Shutdown engine (unless needed for off-loading), and chock wheels.

a. Remove canvas and bows (if installed).

b. Prepare MHE for operation. Ensure there are no overhead clearance restrictions.

c. Remove tiedown materials from cargo being cautious of load shifting.

18. Unload cargo as directed.

a. Ensure load documentation is completed and given to appropriate authority for transfer of custody.

b. Recover all tiedown materials and stow in appropriate location, raise and secure tailgate or trailer/semitrailer ramps as applicable.

19. Shutdown the vehicle at the destination (unless told otherwise).

20. Once convoy has closed on destination and or RP, perform after-operation preventive maintenance checks.

a. Maintain situational awareness.

b. Refer to the vehicle TM for proper procedures.

c. Follow additional guidance from the supervisor or serial/march unit commander.

21. Turn in vehicle dispatch, maintenance worksheets, and load documentation as required to the supervisor or convoy chain of command (as directed).

(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: Provide the Soldier with the Vehicle and equipment identified in the task conditions statement. Ensure the Soldier is briefed on all expectations and standard.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Loaded cargo onto trailer/semitrailer.			
2. Secured cargo onto trailer/semitrailer.			
3. Moved the vehicle into position in according to the convoy order of march.			
4. Conducted final pre-departure checks.			
5. Started the vehicle on signal or order from the serial/march unit or convoy commander.			
6. Signalled by convoy commander, set the vehicle in motion slowly without placing undue strain on the vehicle.			
7. Maintained convoy speed and vehicle interval during movement.			
8. Maintained a high state of situational awareness during movement.			
9. Acknowledged hand and arm signals by adjusting vehicle speed, interval and position.			
10. Positioned the vehicle as directed during halt.			
11. Shutdown the vehicle during halt.			
12. Performed all during-operation maintenance checks on the vehicle and trailer during halt.			
13. Checked security and condition of load during halt(if loaded).			
a. Checked tiedown devices for security.			
b. Accounted for sensitive items prior to halt area departure.			
c. Ensured that the load has not shifted during movement.			
d. Notified the convoy chain of command if the load was damaged during movement.			
14. Resumed convoy movement on signal or order from the convoy commander.			
15. Negotiated off-road driving terrain without becoming mired, damaging vehicle or load.			
16. Moved the vehicle as directed into the assembly area.			
17. Moved the vehicle into position for off-loading cargo.			
18. Unloaded cargo and placed on solid surface.			
19. Shutdown the vehicle at the destination (unless told otherwise)			
20. Performed after-operation maintenance checks.			
21. Turned in the vehicle dispatch, maintenance worksheets, and load documentation as required to the supervisor or convoy chain of command.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	ATP 4-11	ARMY MOTOR TRANSPORT OPERATIONS	No	No
	TC 21-305-20	Manual for the Wheeled Vehicle Operator {AFMAN 24-306(I)}	Yes	No
	TM 9-2320-272-10	OPERATORS MANUAL FOR TRUCK, 5-TON, 6X6, M939, M939A1, AND M939A2 SERIES TRUCKS (DIESEL), TRUCK, CARGO: 5-TON, 6X6 DROPSIDE, M923 (2320-01-0505-2084) (EIC: BRY);M923A1 (2320-01-206-4087) EIC: BSS);M923A	No	No
	TM 9-2320-302-10	OPERATORS MANUAL FOR TRUCK, TRACTOR, LINE HAUL: 52,000 GVWR, 6X4, M915A3 (NSN 2320-01-432-4847)	Yes	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)	Yes	No
	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	No
	TM 9-2320-392-10-2	OPERATORS MANUAL FOR THE M1083A1 SERIES 5 TON, 6X6 MEDIUM TACTICAL VEHICLE (MTV) VOLUME NO. 2 OF 2. MODEL TRK, CAR., MTV, M1083A1 W/WN (NSN 2320-01-447-3884) (EIC BUL);W/O WN (2320-01-447-3890) (EIC BT9	No	No
	TM 9-2320-426-10	Truck, Tractor, Line Haul, M915A5, 6X4	Yes	No
	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)	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. Vehicle or equipment operators are responsible for the proper disposal of fluid contaminants according to established local guidelines. Every effort must be made to capture any vehicle or equipment leakage and dispose of properly.

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. 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 TC 21-305-20. 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 :

Task Number	Title	Proponent	Status
551-88M-1364	Operate Vehicle with Standard, Automatic/Semiautomatic Transmission	551 - Transportation (Individual)	Reviewed
551-88M-1352	Perform Preventive Maintenance Checks	551 - Transportation (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88M-3339	Perform Advanced Vehicle Recovery Operations and BDAR	551 - Transportation (Individual)	Approved
071-COM-3002	React to Indirect Fire While Mounted	071 - Infantry (Individual)	Approved
071-COM-3001	React to Direct Fire While Mounted	071 - Infantry (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
551-88M-1363	Operate Vehicle With or Without Trailer/Semitrailer Under Blackout Conditions	551 - Transportation (Individual)	Reviewed

Supported Collective Tasks : None