

Report Date: 30 Apr 2012

**Summary Report for Individual Task
551-88M-3340
Supervise Operations of Vehicle-Mounted Crane
Status: Approved**

DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

Condition: Given Soldiers to supervise, vehicle-mounted crane, basic issue items (BII), load to lift, hearing protection, and flat surface to operate. Some iterations of this task should be performed in MOPP.

Standard: Your supervision will result in a successful operation of the vehicle-mounted crane to transfer a load to or from the vehicle to the ground or another vehicle. Operation must be conducted without injury to personnel or damage to equipment.

Special Condition: None

Special Standards: None

Special Equipment:

MOPP: Sometimes

Task Statements

Cue: You are tasked by your unit to transfer cargo either from one vehicle to the ground or from one vehicle to another using the vehicle mounted crane. You must ensure the operator keeps the ground guide in sight at all times and that the operator obeys all hand and arm signals from the guide.

DANGER

Adhere to all Danger statements in reference to the vehicles Technical Manual to ensure you are aware of the possible dangers involving the different types of equipment you operating.

WARNING

Adhere to all Warning statements referenced in the Technical manual for the type of equipment that you are operating. You must ensure injury to personnel or damage to the equipment do not occur.

CAUTION

Be aware of all Caution statements referenced in the equipment Technical Manuals to ensure damage to equipment or injury to personnel does not occur.

Remarks: None

Notes: None

Performance Steps

1. Supervise starting procedures.
 - a. Ensure that operator is wearing hearing protection (as applicable).
 - b. Ensure the vehicle operator adheres to all procedural steps listed in the appropriate vehicle technical manual (TM) for engine starting.
 - c. Ensure the vehicle operator adheres to all SAFETY and WARNING statements in the vehicle TM for this procedure.
2. Supervise preparation of crane for use.
 - a. Ensure that operator is wearing hearing protection (as applicable).
 - b. Ensure that operator adheres to all steps listing in the TM for this procedure.
 - c. Ensure that the operator has chocked the vehicle wheels prior to operation.
 - d. Ensure that load to be lifted is positioned and prepared and does not exceed weight limitations of the crane.
 - (1) For M977/M985 vehicles, refer to TM 9-2320-279-10-1.
 - (2) For M1074 vehicle, refer to TM 9-2320-364-10.
 - (3) For M1078 (light medium tactical vehicle [LMTV]) vehicles, refer to TM 9-2320-365-10.
 - (4) For M1083 (medium tactical vehicle [MTV]) vehicles, refer to TM 9-2320-366-10-1.
 - e. Never allow personnel to stand under a suspended load.
3. Supervise the operation of the crane.
 - a. Ensure operator follows visual hand and arm signals.
 - b. Ensure that crane-lifting hook is properly connected to the load being lifted.
 - c. Ensure that operator maintains control of crane and load during movement.
 - d. Ensure that operator places load as directed.
 - e. Never allow personnel to stand under a suspended load.
4. Supervise stowage of crane.
 - a. Ensure that operator completes all steps outlined in the applicable vehicle TM.
 - b. Ensure that operator adheres to all WARNING and CAUTION statements in the vehicle TM.
 - c. Ensure that operator follows all visual hand and arm signals.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: None

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Supervised starting procedures.			
a. Ensure that operator is wearing hearing protection (as applicable).			
b. Ensured the vehicle operator adheres to all procedural steps listed in the appropriate vehicle TM for engine starting (as appropriate).			
2. Supervised preparation of crane for use.			
a. Ensure that operator is wearing hearing protection (as applicable).			
b. Ensured that operator adheres to all steps listing in the TM for this procedure.			
c. Ensured that load to be lifted is positioned and prepared and does not exceed limitations of the crane.			
(1) For M977/M985 vehicles, refer to TM 9-2320-279-10-1.			
(2) For M1074 vehicle, refer to TM 9-2320-364-10.			
(3) For M1078 (LMTV) vehicles, refer to TM 9-2320-365-10.			
(4) For M1083 (MTV) vehicles, refer to TM 9-2320-366-10-1.			
d. Ensured the vehicle operator adheres to all SAFETY and WARNING statements in the vehicle TM for this procedure.			
3. Supervised operation of the crane.			
a. Ensured operator follows visual hand and arm signals.			
b. Ensured that crane hook is properly connected to the load being lifted.			
c. Ensured that operator maintains control of crane and load during movement.			
d. Ensured that operator places load as directed.			
4. Supervised stowage of crane.			
a. Ensured that operator completes all steps outlined in the applicable vehicle TM.			
b. Ensured that operator adhered to all WARNING and CAUTION statements in the vehicle TM.			
c. Ensured that operator followed all visual hand and arm signals.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 21-60	VISUAL SIGNALS	Yes	No
	TM 9-2320-279-10-1	Operators Manual for M977 Series 8X8 Heavy Expanded Mobility Tactical Trucks (HEMTT), Truck, Cargo, With Winch, M977; Truck, Cargo, With Winch, M977A2; Truck, Cargo, With Winch, M977A2R1; Truck, Cargo, Without Winch, M977; Truck, Cargo, Wit	Yes	No
	TM 9-2320-364-10	OPERATORS MANUAL FOR TRUCK, TRACTOR, M1074 AND M1075 PALLETIZED LOAD SYSTEM (PLS) (NSN 2320-01-304-2277) (2320-01-304-2278)	Yes	No
	TM 9-2320-365-10	OPERATORS INSTRUCTIONS MANUAL FOR M1078 SERIES, 2-1/2 TON, 4X4 LIGHT MEDIUM TACTICAL VEHICLES (LMTV) TRK, CAR., LMTV, M1078 W/WN (NSN 2320-01-360-1898) (EIC: BHH) W/O WN (2320-01-354-3385) (EIC: BHD) TRK	Yes	No
	TM 9-2320-366-10-1	OPERATORS INSTRUCTIONS MANUAL FOR M1083 SERIES, 5-TON, 6X6, MEDIUM TACTICAL VEHICLES (MTV) VOLUME NO. 1 OF 2 TRK, CAR., MTV, M1083 W/WN (NSN 2320-01-360-1895) (EIC: BT3) W/O WN (2320-01-354-3386) (EIC: B	Yes	No
	TM 9-2320-366-10-2	OPERATORS INSTRUCTIONS MANUAL FOR M1083 SERIES, 5-TON, 6X6, MEDIUM TACTICAL VEHICLES (MTV) VOLUME NO. 2 OF 2 TRK, CAR., MTV, M1083 W/WN (2320-01-360-1895) (EIC: BT3) W/O WN (2320-01-354-3386) (EIC: BR2)	No	No

Environment: Make every effort to reduce or eliminate any possible spillage from vehicle or hazardous load. If spillage occurs, make every effort to contain the spillage until emergency response teams can be summoned.

Safety: In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite 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, NBC Protection, FM 3-11.5, CBRN Decontamination. Never allow anyone to pass or stand under a suspended load.

Wear hearing protection while operating vehicle crane.

Ensure outriggers are emplaced prior to lifting any load or vehicle may tip over damaging equipment or injuring personnel.

Operator MUST ensure that crane lifting limitations are not exceeded or damage to equipment and load may result.

Operator MUST be positioned so as to afford a complete and unrestricted field of view of both the load and the person directing with hand signals. If direct line of sight is lost, operator must IMMEDIATELY stop all crane movement until sight is restored.

Ensure that movement of crane boom will not interfere with any high voltage power lines or serious injury to personnel may result.

Operator should slowly make crane movements in order to maintain total control of load swing.

Use guideropes attached to load and additional personnel securing to prevent loss of load control during lift.

Crane MUST be stowed properly with outriggers retracted prior to vehicle movement or damage to equipment will occur.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
551-88M-1663	Operate Vehicle-Mounted Crane	551 - Transportation (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks :

Task Number	Title	Proponent	Status
55-1-7003	Plan Transportation Operations	55 - Transportation (Collective)	Approved
55-1-0017	Coordinate Transportation Support	55 - Transportation (Collective)	Approved
55-1-1101	Coordinate Cargo Operations	55 - Transportation (Collective)	Approved