

Report Date: 27 Sep 2013

**Summary Report for Individual Task
052-204-1206
Use a Line Truck with Trailer to Load and Unload Poles
Status: Approved**

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

DESTRUCTION NOTICE: None

Condition: As a Power Line Distribution Specialist in a tactical or nontactical environment when utility poles need to be loaded and unloaded, you are given a line truck with auxiliary equipment, a pole trailer, a cant hook, lifting tongs, chains, hoists, cable slings, wheel chocks, ground guides, safety standing operating procedures (SOPs), the applicable personal protective equipment (PPE), and DA Form 2702 (Bill of Materials). This task should not be trained in MOPP.

Standard: Use the Line Truck with Trailer to load and unload utility poles safely.

Special Condition: None

Safety Level: Low

MOPP: Never

Task Statements

Cue: None

DANGER
1. NEVER LIFT OBJECTS WITHOUT A GROUND GUIDE TO ASSIST IN FINDING THE LOCATION OF THE ITEMS BEING LIFTED AND ANOTHER INDIVIDUAL TO HELP ENSURE THAT THE OBJECT DOES NOT BEGIN TO SWAY OUT OF CONTROL. FAILURE TO COMPLY MAY CAUSE DEATH, PERMANENT INJURY, OR EQUIPMENT DAMAGE.
2. NEVER POSITION YOURSELF UNDER OR IN BETWEEN A SUSPENDED LOAD. FAILURE TO COMPLY MAY CAUSE PERMANENT INJURY OR DEATH.

WARNING
None

CAUTION
Driving tips: Stopping distances will greatly increase because of added weight. So, reduce travel speed, and increase distance between other vehicles.
Cornering requires wider than normal turns. Sharp turns may cause poles to strike signs, vehicles or other objects. Use spotters when necessary.
Always ID the extended pole via red flag or red light

Remarks: None

Notes: None

Performance Steps

1. Review danger, warning, and caution notices before proceeding.
2. Issue a safety briefing that highlights safety precautions and the concept of the operation.
3. Ensure that PPE is correctly tested and fully mission-capable.
4. Inspect tools and rigging equipment for serviceability.
5. Ensure all personnel understand their positions and their role in accomplishing this task.
Note: All positions must be manned, Truck Operator, Pole Handler and Signal Person.
6. Position Equipment
Note: Procedures to unload poles at the work location are the reverse of the loading procedures.
 - a. Position Pole Trailer parallel to Poles to be loaded.
Note: Trailer will be disconnected from the line truck.
 - b. Position Line Truck parallel to trailer so boom can reach across to the poles to be loaded.
 - c. Ensure that equipment brakes are set and wheels are chocked.
7. Attach timber tongs to the pole at the balance point.
8. Position boom and lower winch so it can be attached to the tongs.
9. Raise pole and position onto trailer.
Note: The truck operator must be able to use the controls smoothly & slowly, watch the pole & signal person at the same time. There should be no rolling, bouncing, swinging or dropping of the pole.
 - a. Load pole so that trailer is slightly tongue heavy.
 - b. Load pole so that it is centered between stanchions.
10. Secure the pole to the trailer by closing the stanchions and use chains or cargo straps to prevent shifting during transport.
11. Ensure that the items listed in the conditions are properly cleaned and stored.

(Asterisks indicates a leader performance step.)

Evaluation Preparation: Provide the Soldier with all the items listed in the conditions. Give the Soldier a safety briefing before starting the test, and ensure that all safety precautions are followed. Prepare the testing area and equipment in advance to ensure that the task standards can be met.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Reviewed danger, warning, and caution notices before proceeding.			
2. Issued a safety briefing that highlighted safety precautions and the concept of the operation.			
3. Ensured that PPE was correctly tested and fully mission-capable.			
4. Inspected tools and rigging equipment for serviceability.			
5. Ensured all personnel understood their positions and role in accomplishing this task.			
6. Positioned Equipment			
a. Positioned Pole Trailer parallel to poles that were loaded.			
b. Positioned Line Truck parallel to trailer so boom could reach across to the poles that were to be loaded.			
c. Ensured equipment brakes are set and wheels are chocked.			
7. Attached timber tongs to the pole at the balance point.			
8. Positioned boom and lowered winch so that it could be attached to the timber tongs.			
9. Raised pole and positioned correctly on trailer.			
10. Secured the pole to the trailer by closing the stanchions and using chains or cargo straps to prevent shifting during transport.			
11. Ensured that the items listed in the conditions were properly cleaned and stored.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	AR 385-10	The Army Safety Program (*RAR 004, 10/04/2011)	No	No
	DA FORM 2702	Bill of Materials	Yes	No
	EM 385-1-1	Safety and Health Requirements.	No	No
	ER 385-1-31	Safety & Occupational Health. The Control of Hazardous Energy (Safe Clearance).	No	No
	LCH	The Lineman's and Cableman's Handbook, 11th Edition, McGraw-Hill. 2007	No	No
	TM 3-34.45	ENGINEER PRIME POWER OPERATIONS	No	No
	TM 5-682	Facilities Engineering: Electrical Facilities Safety.	No	No
	TM 5-684	Facilities Engineering - Electrical Exterior Facilities. NAVFAC MO-200/AFJMAN 32-1082.	No	No
	TM 5-811-1	Electric Power Supply and Distribution {AFJMAN 32-1080}	No	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. For classroom instruction:

No major environmental impact, training entirely of an administrative or classroom nature, with little or no environmental impact on the environment, equipment or personnel. [32 CFR Part 651, Appendix B, Section II, (i)(2)]

For practical exercises and demonstrations:

Instructors should complete a risk assessment before conducting training, operations, or logistical activities. Risk assessments assist instructors in identifying potential environmental hazards, develops controls, make risk decisions, implement controls, and ensure proper supervision and evaluation. FM 3-100.4, Environmental Considerations in Military Operations.

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, 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. Everyone is responsible for safety. A thorough risk assessment must be completed prior to every mission or operation.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
052-204-1125	Operate a Line Truck with Auxiliary Equipment	052 - Engineer (Individual)	Reviewed
052-204-1108	Inspect Safety Equipment	052 - Engineer (Individual)	Reviewed
052-204-1119	Perform Operator Preventive-Maintenance Checks and Services (PMCS) on a Line Truck With Auxiliary Equipment	052 - Engineer (Individual)	Reviewed
052-204-1202	Maintain Rigging/Hoisting Equipment	052 - Engineer (Individual)	Reviewed
052-204-1204	Tie Rope Knots and Splices	052 - Engineer (Individual)	Analysis Completed

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
052-204-1125	Operate a Line Truck with Auxiliary Equipment	052 - Engineer (Individual)	Reviewed
052-204-1119	Perform Operator Preventive-Maintenance Checks and Services (PMCS) on a Line Truck With Auxiliary Equipment	052 - Engineer (Individual)	Reviewed
052-204-1202	Maintain Rigging/Hoisting Equipment	052 - Engineer (Individual)	Reviewed
052-204-1204	Tie Rope Knots and Splices	052 - Engineer (Individual)	Analysis Completed

Supported Individual Tasks :

Task Number	Title	Proponent	Status
052-204-2306	Supervise the installation of a Utility Pole	052 - Engineer (Individual)	Analysis Completed
052-204-2217	Manage a Power Line Crew	052 - Engineer (Individual)	Analysis Completed
052-204-2219	Supervise the Use of a Line Truck With Trailer to Load and Unload Utility Poles	052 - Engineer (Individual)	Approved
052-204-1207	Install a Utility Pole	052 - Engineer (Individual)	Analysis Completed
052-204-2216	Perform Maintenance on Electrical Distribution Equipment	052 - Engineer (Individual)	Reviewed

Supported Collective Tasks :

Task Number	Title	Proponent	Status
05-3-5700	Install Nonstandard Low-Voltage, Electrical-Power Distribution Equipment	05 - Engineers (Collective)	Approved
05-3-5731	Perform Electrical-Power, Distribution Equipment Organizational Maintenance Operations	05 - Engineers (Collective)	Approved
05-3-5700	Created from Template: Install Nonstandard Low-Voltage, Electrical-Power Distribution Equipment	05 - Engineers (Collective)	Analysis

05-3-5704	Perform Nonorganic Equipment Power Distribution Maintenance Operations	05 - Engineers (Collective)	Approved
05-3-5701	Created from Template: Install Low-Voltage, Electrical-Power Distribution Equipment	05 - Engineers (Collective)	Analysis
05-3-5704	Created from Template: Perform Nonorganic Equipment Power Distribution Maintenance Operations	05 - Engineers (Collective)	Analysis
05-3-5701	Install Low-Voltage, Electrical-Power Distribution Equipment	05 - Engineers (Collective)	Approved
05-3-5700	Created from Template: Install Nonstandard Low-Voltage, Electrical-Power Distribution Equipment	05 - Engineers (Collective)	Analysis
05-3-5725	Install Aerial Electrical Power Distribution Equipment	05 - Engineers (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
MOS 12Q10 ICTL	Enlisted	MOS: 12Q, Skill Level: SL1