

Training and Evaluation Outline Report

Status: Approved

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Task Number: 10-CO-1011

Task Title: Establish Petroleum Support Company Operations

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

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Fort Lee, Virginia foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	ATP 3-34.5	Environmental Considerations	Yes	No	http://www.army.mil/usapa/doctrine/Active_FM.html
	ATP 4-43	Petroleum Supply Operations	Yes	Yes	
	FM 4-40 (Change 001, May 08, 2014)	QUARTERMASTER OPERATIONS http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm4_40.pdf	Yes	No	http://www.army.mil/usapa/doctrine/Active_FM.html
	MIL-HDBK-200	Military Standardization Handbook: Quality Surveillance Handbook for Fuels, Lubricants, and Related Products	Yes	No	

Conditions: The Petroleum Support Company has received an operations order (OPORD) from higher headquarters (HQ) to establish operations to receive, store, and transfer bulk petroleum provide wholesale and area support, and limited distribution. They must establish the company area of operations in support of company and higher headquarters operational missions. The set up location has been identified, approved, and has primary access to main supply routes, internal, and external logistical support. Continuous digital and analog communications have been established. All applicable regulations, internal and external tactical standard operating procedures (TSOP), technical manuals (TMs), and field manuals (FMs) are on-hand as reference material. The company has been provided guidance on rules of engagement for this mission. Threat capabilities include opposing forces which have the ability to gather information, interact with hostile force sympathizers, coordinate suicide bombings, set up improvised explosive devices, coordinate air support, and execute reinforced platoon/squad operations in a chemical, biological, radiological, and nuclear (CBRN) environment. Mission, enemy, terrain and weather, troops and support available-time available and civil considerations (METT-TC) identified constraints have been identified and communicated in the OPORD. The unit is not likely to be attacked with hostile enemy fire or chemical agents. This task will be performed under all environmental conditions. All company equipment is serviceable, on hand, and personnel are available to establish the section, team, platoon, company for all day and night operations. Engineer support is required and must be coordinated to establish operations. Specified time constraints are identified in the OPORD. The section has adequate time to establish the area of operations. Unit leaders are present for supervision and additional guidance. Some iterations of this task should be performed in MOPP 4.

Standards: The Petroleum Support Company is established and operational to support mission as directed. Company personnel establish the company sections with all available assets and resources within the specified time constraints in the mission OPORD and in accordance with (IAW) commanders guidance, internal and external TSOPs, and applicable regulations.

Live Fire: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute					Assess				
Operational Environment	CO & BN	Training Environment (L/V/C)	Leaders Present at Training/Required	Present at Training/Required	External Eval	Performance Measures	Critical Performance Measures	Leader Performance Measures	Evaluator's Observed Task Proficiency Rating	Commander's Assessment	
Dynamic and Complex (4+ OE Variables and Hybrid Threat)											Night
	75-84%	80-90%	80-89%	T-	T-						
	Dynamic (Single Threat)	65-74%	75-79%	65-79%	No	51-64%	P	P			
		60-64%	60-74%	<All		<=79%	P-	P-			
Static (Single Threat)	Day	<=59%	<=59%	<=50%			U	U			

Remarks: Task steps and performance measures are arranged in a logical order and are not intended to be interpreted as a “required order” for performance. These task steps and/or performance measures of collective task may not always be applicable to every unit. Prior to evaluation, coordination should be made between the evaluator, the unit itself, and the evaluated units' higher headquarters (if required) to determine the task step(s) and/or performance measure(s) that may be omitted and/or must be performed. Training begins with the execution of pre-combat checks and inspections. Training ends when designated training objectives for the particular training events or exercises are performed to Army standard. Unit leadership should conduct an after action report (AAR) to determine future training requirements for the unit.

Notes: REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS: You can help improve this collective task. If you find any errors, or if you would like to recommend any improvements to the procedures in this collective task, please let us know. The preferred method is to submit a DA Form 2028 (Recommended Changes to Publications and Blank Forms) with your recommended changes via email to usarmy.lee.tradoc.mbx.cascom-g3-collective@mail.mil. Your recommended changes will be reviewed, validated to ensure approved Army or joint doctrine supports your recommendation(s), implemented as applicable, and a reply will be furnished to you.

Safety Risk: Low

Task Statements

Cue: The Petroleum Support Company has received an operations order (OPORD) from higher headquarters (HQ) to establish operations to receive, store, and transfer bulk petroleum provide wholesale and area support, and limited distribution.

DANGER

Soldiers must constantly be alert for and avoid situations that may result in injury or death. At the training site, leaders must establish training safety overview procedures.

WARNING

Soldiers must be alert to human error and know the capabilities and limitations of the equipment and vehicles they use. Following the proper safety procedures preserves troop strength by preventing personnel losses through accidents.

CAUTION

The possibility of personal injury or damage to equipment that may result from long-term failure to follow correct procedures.

Performance Steps and Measures

NOTE: Assess task proficiency using the task evaluation criteria matrix.

NOTE: Asterisks (*) indicate leader steps; plus signs (+) indicate critical steps.

STEP/MEASURE

GO	NO-GO	N/A

+ 1. Commander, First Sergeant, platoon and section leaders direct and supervise set up of the petroleum support operational area.

- a. Revise layout plan based on current situation.
- b. Coordinate the revised layout plan with the commander (if necessary).
- c. Designate location of equipment in accordance with layout plan.
- d. Supervise the setup of the FSSP.
- e. Supervise the setup of the ROM.
- f. Supervise the setup of the AAFARS.
- g. Supervise the layout of the AHS.
- h. Enforce proper safety standards.
- i. Enforce environmental stewardship protection program measures.
- j. Enforce risk management measures.
- k. Direct communications checks with company and/or battalion net stations in accordance with company and battalion TSOP and current communications instructions.
 - l. Inspect set up for compliance with company TSOP, lay out plan, and appropriate regulations.
 - m. Report completion of set up to commander.

2. Operations Section personnel set up the support operations area.

- a. Prepare site for set up in accordance with company TSOP and layout plan.
- b. Off load equipment at prepared site.
- c. Set up shelters and power equipment in accordance with layout plan, company TSOP, and appropriate publications and/or manufacturer's instructions.
- d. Layout company wire net in accordance with layout plan.
- e. Set up communication equipment in accordance with battalion and company TSOPs and appropriate publications.
- f. Perform operational checks on communications equipment in accordance with appropriate manuals.
- g. Enter communications nets in accordance with the company and battalion TSOP and current communications instructions.
- h. Set up movement control station.
- i. Employ proper safety standards.
- j. Employ environmental stewardship protection program measures.
- k. Employ risk management measures.
- l. Camouflage vehicles, shelters, and equipment.
- m. Report completion of set up to Operations Officer.

3. Petroleum Support Platoon Headquarters personnel set up Platoon Headquarters.

- a. Prepare site for set up in accordance with company TSOP and layout plan.
- b. Off load equipment at prepared site.
- c. Set up shelters and equipment in accordance with layout plan, company TSOP, and appropriate publications.
- d. Prepare company roadnet in accordance with layout plan.
- e. Set up vehicle and MHE park in accordance with company TSOP and layout plan.
- f. Hook up telephone to company wire net.
- g. Enter communications nets in accordance with company and battalion TSOP and current communications instructions.
- h. Conduct communications checks in accordance with current communications instructions and company/battalion TSOPs.
 - i. Employ proper safety standards.
 - j. Employ proper environmental stewardship protection program standards.
 - k. Employ proper risk management standards.
 - l. Camouflage vehicles, shelters, and equipment.
 - m. Report completion of set up to platoon leader.

4. Tank Farm Section and Area Support Section personnel set up the FSSP and bulk storage facility.

- a. Coordinate with platoon leader for site preparations assistance by Platoon Headquarters.
- b. Prepare site in accordance with company TSOP and appropriate publication.
- c. Inspect site to ensure fire wall measurements and distances between tanks are in accordance with the company TSOP and appropriate publication.
- d. Off load collapsible tanks on prepared site.
- e. Place pumps and filter/separators in designated positions.

- f. Set up tanks, pumps, and filter/separators in designated positions.
 - g. Inspect tank fabric, tank filler, and vent assemblies for damage.
 - h. Lay out hoses and fitting assemblies (manifolds) in accordance with company TSOP and current directives.
 - i. Connect manifolds in accordance with appropriate publication.
 - j. Inspect for safety requirements in accordance with company and battalion TSOP and the appropriate publications.
 - k. Attach fuel and oil servicing nozzles.
 - l. Enter communications nets in accordance with company and battalion TSOP and current communications instructions.
 - m. Conduct communications checks in accordance with current communications instructions and company/battalion TSOPs.
 - n. Employ proper safety standards.
 - o. Employ proper environmental stewardship protection program measures.
 - p. Employ proper risk management measures.
 - q. Camouflage equipment and site.
 - r. Report completion of set up to platoon leader.
5. Distribution Section personnel set up the AAFARS.
- a. Enter communications nets in accordance with company and battalion TSOP and current communications instructions.
 - b. Conduct communications checks in accordance with current communications instructions and company/battalion TSOPs.
 - c. Employ proper safety standards.
 - d. Employ proper environmental stewardship protection program measures.
 - e. Employ proper risk management measures.
 - f. Report completion of AAFARS set up to platoon leader.
 - g. Report completion of ROM set up to platoon leader.
6. Assault hoseline augmentation section personnel assemble the assault hoseline.
- a. Coordinate with unit Support Operation Section for route of the assault hoseline.
 - b. Employ proper risk management procedures.
 - c. Conduct pre-operational checks (PMCS) on ERC.
 - d. Lay an assault hoseline.
 - e. Enter communications nets in accordance with company and battalion TSOP and current communications instructions.
 - f. Conduct communications checks in accordance with current communications instructions and company/battalion TSOPs.
 - g. Employ safety procedures throughout layout of the assault hoseline.
 - h. Employ environmental stewardship protection program measures.
 - i. Report completion of AHS set up to unit support operations section.

Task Performance Summary Block										
Training Unit			ITERATION							
			1		2		3		4	
Date of Training per Iteration:										
Day or Night Training:			Day / Night		Day / Night		Day / Night		Day / Night	
			#	%	#	%	#	%	#	%
Total Leaders Authorized		% Leaders Present								
Total Soldiers Authorized		% Soldiers Present								
Total Number of Performance Measures		% Performance Measures 'GO'								
Total Number of Critical Performance Measures		% Critical Performance Measures 'GO'								
Live Fire, Total Number of Critical Performance Measures		% Critical Performance Measures 'GO'								
Total Number of Leader Performance Measures		% Leader Performance Measures 'GO'								
MOPP LEVEL										
Evaluated Rating per Iteration T, T-, P, P-, U										

Mission(s) supported: None

MOPP 4: Sometimes

MOPP 4 Statement: Chemical protective clothing ensemble and field protective mask restrict movement and activities. Wear MOPP gear only when threat forces have used CBRN weapons or are likely to do so. MOPP gear should be worn during CBRN training exercises. 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 in accordance with CBRN regulations.

NVG: Never

NVG Statement: Night vision goggles are not required to conduct this task. However, they may be required when conducting sustainment unit operations, during moment, or Soldier duties as assigned.

Prerequisite Collective Task(s): None

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	10-CO-1015	Conduct Petroleum Support Company Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-0227	Conduct Petroleum Service Support Section Operations	10 - Quartermaster (Collective)	Approved

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	101-20A-6010	Monitor Supply Operations Through The CSDP	101 - Quartermaster (Individual)	Approved

Supporting Drill(s): None**Supported AUTL/UJTL Task(s):**

Task ID	Title
ART 4.1.3.3	Provide Petroleum, Oils, and Lubricants (Class III)

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
No equipment specified		

Materiel Items (NSN)

NSN	LIN	Title	Qty
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 Department of the Army civilians to protect the environment from damage.

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. Leaders must verify the structural soundness of all training and evaluation plans from a safety viewpoint. Leaders must conduct training at levels consistent with the abilities of the Soldiers being trained. They must instill an awareness of individual safety in all subordinate leaders and Soldiers. Soldiers must constantly be alert for and avoid situations that may result in injury or death. At the training site, leaders must establish training safety overview procedures. Safety procedures should emphasize the adherence to standards, consideration of environmental factors (for example wet bulb), risk assessment, and factors contributing to and aiding in the prevention of accidents. Responsible individuals must know how to balance the risks against the training requirements and monitor conditions for safety and health hazards (to eliminate or control them). Leaders must ensure the welfare of their soldiers in all situations. Leaders must establish a buddy system for safety. Soldiers should maintain a safety watch on each other, with emphasis on individual safety training, and first aid responsibilities. All unsafe conditions and unsafe acts must be recognized and reported. Soldiers must be alert to human error and know the capabilities and limitations of the equipment and vehicles they use. Following the proper safety procedures preserves troop strength by preventing personnel losses through accidents.