Training and Evaluation Outline Report

Status: Approved 20 Oct 2015 Effective Date: 02 Dec 2021

Task Number: 10-CO-1015

Task Title: Conduct 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 CASCOM, 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
	AR 200-1	ENVIRONMENTAL PROTECTION AND ENHANCEMENT	Yes	No	
	AR 70-12	FUELS AND LUBRICANTS STANDARDIZATION POLICY FOR EQUIPMENT DESIGN, OPERATION, AND LOGISTICS SUPPORT	Yes	No	
	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/d octrine/Active_FM.html
	PAM 710-7	HAZARDOUS MATERIAL MANAGEMENT PROGRAM	Yes	No	

Conditions: The Petroleum Support Company has received an operations order (OPORD) from higher headquarters (HQ) to receive, store, and transfer bulk petroleum, provide wholesale and area support, and limited distribution. The company operations are established in support of a higher HQ operational mission. The petroleum company has primary access to main supply routes, external logistical support, and it is accessible to all supported and supporting customers/units. 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 staff 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 must be considered. 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 authorized equipment is on hand and operational. All section personnel are available to conduct all day and night operations. Specified time constraints are identified in the operations order. The section has adequate time to prepare. Unit leaders are present in the area of operations. Some iterations of this task should be performed in MOPP 4.

Standards: The Petroleum Support Company receives, stores, and transfers bulk petroleum, provides wholesale and area support, and limited distribution with the use of all available equipment and personnel within the specified time constraints in the mission OPORD and in accordance with (IAW) the approved Army standards identified in the Task Evaluation Criteria Matrix which is included in this task below, commanders guidance, applicable internal and external TSOPs, and approved Army regulations.

LEADER STATEMENT: An Army leader is anyone who by virtue of assumed role or assigned responsibility inspires and influences people to accomplish organizational goals. Leadership is not limited to or synonymous with an assigned duty, position, or given rank as it also manifests itself in both informal and collective forms. Informal leadership provides knowledge, experience, and technical expertise while collective leadership results through the combined effects and synergies of leaders at different levels and experience collaborating to achieve a common purpose. Informal and collective leadership can include positions with an expanded scope of responsibility, significance and operational / mission implications. Therefore, for the purpose of training this task, Leaders are not only defined as officers, warrant officers, noncommissioned officers, and Army civilians but also include individuals who are Subject Matter Experts (SME) which possess the requisite knowledge and skill set to perform a particular task (i.e., conduct an operation, provide logistics, or operate specific equipment, etc.) at the tactical through strategic level as the situation and/or mission dictates.

Objective Task Evaluation Criteria Matrix:

Plan	an	d Prepare		Ex	ec	ute			Ass	ess						
Operation Environme	al	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						
			9d	ğ					ved y							
Dynamic and Complex (4+ OE Variables and Hybrid	Ni			0004	Υ.	>=80%								0.504	Т	Т
(4+ OE Variables and Hybrid Threat)	Complex (4+ OE Variables and Hybrid Threat)	₽	>=75% >=80% &	80- 10%	All >=85%		T-	T-								
Dynamic		IAW unit CATS statement.	00.740/	00.700/		65-		75-	P	Р						
Dynamic (Single Threat)	Day	ent.	60-74%	60-79%	No	79%	<all< td=""><td>84%</td><td>P-</td><td>P-</td></all<>	84%	P-	P-						
Static (Single Threat)			<=59%	<=59%		<=64%		<=74%	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.

Task Evaluation Criteria Matrix Definitions:

Static: Aspects of operational variables (PMESII-PT) needed to stimulate mission variables (METT-TC) are fixed throughout the unit's execution of the task.

Dynamic: Operational variables and Threat TTPs for assigned counter- tasks change in response to the execution of BLUFOR's task.

Complex: Requires a minimum of four (Terrain, Time, Military [Threat], and Social [Population]) or more operational variables; brigade and higher units require all eight operational variables (PMESII-PT) to be replicated in varying degrees based on the task being trained.

Single Threat: Regular, irregular, criminal, or terrorist.

Hybrid Threat: The diverse and dynamic combination of regular forces, irregular forces, terrorist forces, and/or criminal elements unified to achieve mutually benefitting effects.

To obtain a T or T- this task must be conducted in a dynamic and complex environment with 4 plus OE variables and a hybrid threat at night with 75% or more leaders present, greater than 80% of Soldiers present, receive a "GO" on 80% or more of the performance measures, ALL of the critical performance measures and at least 80% "GO" on the leader performance measures. Must be conducted during an external evaluation.

Task steps and measures were developed using the Plan, Prepare, Execute and Assess (PPEA) construct to reinforce the operations process and is implied throughout the T&EO as applicable.

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@army.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 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 supervise mission operations.			
a. Provide clear and concise guidance to the staff.			
b. Implement unit and section operating procedures IAW with approved TSOP, OPORD's, and			
directives received from higher HQ. c. Ensure primary staff officers, platoon, and section leaders coordinate and supervise the actions			
of their respective section personnel.			
d. Maintain continuous communications with higher HQ.			
e. Monitor the Operations Section and Petroleum Support Platoons for compliance with unit TSOP, schedules, and supply procedures.			
f. Ensure company and section internal and external TSOP's are approved and updated periodically to meet current mission requirements.			
g. Forward Situation Report (SITREP) to higher HQ as required.			
h. Coordinate with higher HQ staff element for engineer support.			
i. Coordinate with appropriate units for fire fighting support.			
j. Verify bulk petroleum stock status reports are IAW accountability procedures.			
+ 2. Company Headquarters personnel provide mission command for unit operations.			
a. Provide unit level administration for all assigned and attached personnel.			
b. Conduct unit supply operations.			
c. Monitor field level maintenance for organic equipment.			
d. Monitor Chemical, Biological, Radiological and Nuclear (CBRN) defense support and equipment for the unit.			
e. Provide information /status on company operations to the higher HQ commander and staff.			
f. Maintain internal and external communications.			
g. Plan unit operations as mission dictates.			
h. Coordinate internal and external mission requirements that exceed unit capabilities.			
i. Direct personnel activities as required or as missions dictate.			
j. Distribute messages to all assigned or attached unit personnel.			
k. Maintain company headquarters administrative records IAW applicable regulations.			
I. Publish commanders' orders and track suspense's.			
m. Coordinate religious, legal, force health protection, finance, personnel and administrative, logistical services, and supplemental transportation.			
n. Assist the commander with company missions and suspense's.			
+ 3. Vehicle Maintenance Section provides field level maintenance management.			
a. Direct maintenance of the company's subordinate units, equipment repair, and vehicle recovery for the company.			
b. Perform field level maintenance on organic equipment.			
c. Perform field maintenance for the platoon when operating independently.			
d. Maintain the equipment and perform emergency maintenance repairs and assessments.			
+ 4. Operations Section plans missions for internal and external support.			
a. Coordinate with external supporting units and/or higher headquarters as necessary to support missions that exceed unit capability.			
b. Task petroleum company sections with designated mission IAW OPORD requirements.			
c. Monitor the receipt, storage, and distribution of bulk petroleum.			
d. Monitor the delivery of bulk petroleum by organic fuel dispensing vehicles to local high volume use customers.			
e. Advise commander and staff as required to conduct mission.			
f. Enforce standards IAW the operations process regulations.			
+ 5. Field Feeding Section provides field feeding for the company.			
a. Provide organic cooks support to their corresponding platoons.			
b. Provide remote field feeding support to one site using an Assault Kitchen (AK).			
c. Comply with safety and environmental regulations and guidelines as required.			
d. Enforce field sanitation IAW applicable regulations.			
e. Maintain preventive medicine, waste management, and inspection standards IAW applicable regulations.			
+ 6. Petroleum Support Platoon Leader(s) and Platoon Sergeant(s) direct platoon operations.			
a. Coordinate with unit headquarters for supplies and equipment.			
b. Coordinate with the Operations Section for receipt, storage, issue, and distribution of petroleum.			

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c. Coordinate unit road net maintenance with platoon headquarters.			
d. Allocate personnel for continuous mission operation.			
e. Inspect platoon operations areas for compliance with unit TSOP and appropriate regulations.			
f. Monitor petroleum accounting procedures for compliance with TSOP.			
g. Inspect platoon equipment for compliance with proper maintenance procedures.			
h. Forward stock status reports to the Operations Section as required.			
i. Brief commander on platoon operations status.			
+ 7. Bulk Storage Section and/or Tank Farm Section store bulk petroleum for Fuel System Supply Point (FSSP).			
a. Provides general support mission capability of 600,000 gallons of bulk petroleum.			
b. Maintain two separate 300K FSSPs for each location utilizing 50,000 gallon bags.			
c. Receive and issue up to 400,000 gallons of bulk petroleum as mission dictates.			
d. Maintain inventory and accountability of bulk petroleum IAW applicable regulations.			
+ 8. Area Support Section provides direct support mission capability.			
a. Store 120,000 gallons with FSSP and two Tank Pump Units (TPU) mounted on MTV trucks and trailers for retail issue of petroleum to support units.			
b. Receive and/or issue in any combination up to 120,000 gallons daily.			
c. Maintain inventory and accountability of bulk petroleum IAW applicable regulations.			
+ 9. Distribution Section distributes bulk petroleum.			
a. Provide local delivery and bulk petroleum fuel services as directed.			
b. Provide 5 each 5,000 gallon Tankers and MTV tractors for distribution.			
c. Maintain accountability of 48,750 gallons of fuel daily based on 75% availability dispensing			
vehicles at 2 trips per day.			
d. Receive and/or issue two hot refueling points using 2 (two) FARE systems for transitory aircraft.			
+ 10. Assault Hoseline Augmentation Team maintains linkage between tank farms and high volume users.			
a. Maintain rapid hoseline linkage connecting fuel supply points to other fuel supply points or high volume users.			
b. Provides a total of 10 miles of hoseline.			
c. Coordinate with unit headquarters or operations section for engineer support or other internal and external mission requirements that exceed section capability.			
d. Conduct preventative maintenance checks and services (PMCS) on hoseline equipment as required.			
e. Inspect section equipment for compliance with proper maintenance procedures.			
+ 11. Equipment and Maintenance Support Platoon provides petroleum storage and pipeline operations maintenance.			
a. Support the establishment and operation of a minimum of two sites simultaneously.			
b. Provide maintenance support to the company and any attached elements operating within company area of operation.			
c. Provide control, coordinate maintenance, recovery vehicle operations, and administrative requirements of the platoon.			
+ 12. Service Support Section maintains the specialized equipment and transportation.			
a. Coordinate with Product Control Section for daily pumping orders at least 24 hours in advance of required operations.			
b. Coordinate internal and external support with higher headquarters.			
c. Provide maintenance support of the pipeline, pump stations, and all related equipment assigned			
to the section.			
+* 13. Leaders manage administrative functions as appropriate, directed, or required.			
a. Conduct troop leading procedures			
b. Manage composite risk management assessments			
c. Provide logistics status reports to higher HQ IAW TSOP.			
d. Maintain communications with higher HQ IAW TSOP			
 e. Monitor before, during, and after preventive maintenance checks and services (PMCS) on organic equipment 			
f. Manage Command Supply Discipline Program (CSDP).			
g. Manage Command Maintenance Discipline Program (CMDP).			
h. Enforce operations security (OPSEC) procedures at all times.			
i. Enforce safety regulations and established unit's internal and external TSOP's.			
j. Ensure that all Army sites and operations attain and sustain 100 percent compliance with environmental laws and regulations in a climate of changing requirements to prevent a notice of violation or a fine for not complying with following host nation, local, state, federal, higher headquarters environmental directives and policies.			
k. Direct destruction of unit equipment to prevent enemy use as situations dictate.			
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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 LE	EVEL								
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):

Step Number	Task Number	Title	Proponent	Status
	10-CO-1011	Establish Petroleum Support Company Operations	10 - Quartermaster (Collective)	Approved
	10-CO-4817	Establish Company Headquarters and Administrative Areas	10 - Quartermaster (Collective)	Approved
	10-SEC-0205	Establish Petroleum Tank Farm Tactical Petroleum Terminal	10 - Quartermaster (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
	10-PLT-1013	Conduct Petroleum Support Platoon Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-0220	Conduct Bulk Petroleum Storage Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-0225	Conduct Petroleum Area Support Section Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-0227	Conduct Petroleum Service Support Section Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-0229	Conduct Petroleum Tank Farm Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-0237	Conduct Bulk Petroleum Distribution Section Operations	10 - Quartermaster (Collective)	Approved
	10-SEC-1014	Conduct Petroleum Operations Section Functions	10 - Quartermaster (Collective)	Approved
	10-TM-0110	Conduct Petroleum Assault Hoseline Augmentation Team Operations	10 - Quartermaster (Collective)	Approved
	71-CO-5100	Conduct Troop Leading Procedures	71 - Mission Command (Collective)	Approved
6.	05-PLT-5119	Conduct Surface Treatment Operations	05 - Engineers (Collective)	Approved
7.	10-CO-0236	Manage Bulk Petroleum Accountability	10 - Quartermaster (Collective)	Approved
8.	10-CO-0236	Manage Bulk Petroleum Accountability	10 - Quartermaster (Collective)	Approved
9.	10-CO-0236	Manage Bulk Petroleum Accountability	10 - Quartermaster (Collective)	Approved
12.	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
	101-92F-1405	Perform Quality Surveillance on Petroleum Products	101 - Quartermaster (Individual)	Approved
	101-92F-1408	Account for Petroleum Products	101 - Quartermaster (Individual)	Approved
	101-92F-2125	Supervise Accountability of Petroleum Products	101 - Quartermaster (Individual)	Approved
	101-92F-2400	Supervise Quality Surveillance on Petroleum Products	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)
ART 4.1.3.3.1	Provide Bulk Fuel

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 an