

Training and Evaluation Outline Report

Status: Approved

03 Dec 2009

Effective Date: 21 Sep 2020

Task Number: 10-BDE-0211

Task Title: Manage Petroleum Pipeline / Hoseline 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 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
	ADP 3-0	Operations	Yes	No	
	ATP 4-43	Petroleum Supply Operations	Yes	Yes	

Conditions: The group staff develops a petroleum pipeline/hoseline operations plan or modifies an existing contingency support plan. The plan includes the construction of hoselines/pipelines for internal and supported units/elements. Planning data (pumping stations, storage assemblies, distribution points), requirements, distribution plans, schedules, overlays, and other pertinent documentation are available. Subordinate and attached units are located from port of entry as far forward into the corps areas as practical. Simplified collective protection equipment (SCPE) is on hand or field-expedient and natural shelters are available. This task is performed under all day and night environmental conditions. Threat capabilities include OPFOR ability to gather information, interact with hostile force sympathizers, coordinate suicide bombings, set up Improvised Explosive Devices (IEDs), coordinate air support, and execute reinforced platoon/squad operations in a chemical, biological, radiological, and nuclear (CBRN) environment. Some iterations of this task should be performed in MOPP 4.

Standards: Petroleum hoseline/pipeline operations plan is prepared in accordance with applicable field manuals (FMs) and reflects the group commander's guidance and intent. At MOPP level 4, performance degradation factors increased planning bulk petroleum distribution operations completion time.

Live Fire: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute						Assess	
Operational Environment	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
BDE & Above									
Dynamic and Complex (All OE Variables and Hybrid Threat)	Night	At the discretion of the Commander.	>=85%	>=80%	Yes	All	80-90%	T	T
			75-84%						
Dynamic and Complex (All OE Variables and Single Threat)	Day		65-74%	75-79%	65-79%	<All	<=79%	P	P
			60-64%	60-74%	51-64%				
Dynamic and Complex (<All OE Variables and Single Threat)			<=59%	<=59%	<=50%			U	U

Remarks: None

Notes: 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.

Safety Risk: Low

Task Statements

Cue: The group staff develops a petroleum pipeline/hoseline operations plan or modifies an existing contingency support plan. The plan includes the construction of hoselines/pipelines for internal and supported units/elements.

DANGER

Notice should alert users to the possibility of immediate death or permanent injury. Although damage to equipment may occur, the major concern is the probability of death or permanent injury if the warning is ignored.

WARNING

Notice should alert users to the possibility of immediate personal injury or damage to equipment.

CAUTION

Notice should alert users to 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
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1. Support Operations Section plans petroleum hoseline/pipeline support levels.
 - a. Assess sustainment controls and priorities in the Service Support Order.
 - b. Determine the appropriate locations for petroleum supply points in the command/brigade area.
 - c. Review historical daily consumption reports from the forward and rear elements to forecast future requirements.
 - d. Receive petroleum forecasts/estimates from supported/ supporting units to coordinate with Support Operation Section against future forecast requirements.
 - e. Determine current storage capabilities of the forward and rear and maneuver units.
 - f. Resolve differences between actual and anticipated petroleum supply levels with the forward and rear elements.
 - g. Identify policies and procedural requirements by reviewing TSOP
2. Support Operations Section coordinates setup of petroleum hoseline/pipeline areas.
 - a. Coordinate with Support Engineers to construct and layout area for hoseline operations.
 - b. Disseminate petroleum requisitions and issuing procedures from distribution points to maneuver units to ensure compliance with sustainment controls.
 - c. Collaborates with with the distribution management center (DMC)/ distribution operations branch to identify petroleum delivery responsibilities.
 - d. Provide guidance on proper petroleum distribution point(s) daily status reporting in order to track current petroleum levels.
 - e. Supervises the petroleum quality and safety program.
3. Support Operations Section manages subordinate branches activities, including:
 - a. Petroleum plans/requirements/distribution.
 - b. Transportation requirements for movement of bulk petroleum (other than pipeline).
 - c. Preparation of site(s) for construction and storage facilities of petroleum.
 - d. Operation of laboratories to ensure quality and safety.

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: Some iterations of this Task should be performed in MOPP4. At MOPP4, performance degradation factors increases planning completion times.

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 in accordance with NBC Protection and CBRN Decontamination regulations.

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s): None

Supporting Collective Task(s): None

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
	101-23A-6004	Administer Petroleum Dispatch Operations (Battalion and Below)	101 - Quartermaster (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 4.1.3.3.1	Provide Bulk Fuel

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
C05002	Computer System Digital: AN/PYQ-10(C)	1
A79381	Antenna Group: OE-254()/GRC	1
B07126	Invalid LIN – Do Not Use	1
C68719	CA TEL WD-1A/TT DR-8	1
C68856	CA TP WD-1A/TT RL-159	1
F31204	Invalid LIN – Do Not Use	1
H35404	Invalid LIN – Do Not Use	1
K47623	KY-99	1
P40745	PWR SUPY PP-4763A/GRC	1
P40750	POWER SUPP PP-6224B/U	1
R59023	Invalid LIN – Do Not Use	1
R59160	Invalid LIN – Do Not Use	1
R68044	Radio Set: AN/VRC-90F(C)	1
T25726	TONE-SIG AD TA-977/PT	1
T40405	Tape Reader General Purpose: KOI-18TSEC	1
T61494	Truck Utility: Cargo/Troop Carrier 1-1/4 Ton 4x4 W/E (HMMWV): M998	1
U81707	Switchboard Telephone Manual: SB-22PT	1
V31211	Telephone Set: TA-312PT	1
V98788	Power Supply Vehicle: HYP-57TSEC	1

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. 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

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. See FM 5-19