

101-23A-0004
Manage Petroleum Operations ISO Large Scale Combat Operations
Status: Approved

Security Classification: U - Unclassified

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

Destruction Notice: None

Foreign Disclosure: FD3 - This training product has been reviewed by the developers in coordination with the Fort Lee, VA foreign disclosure officer. This training product cannot be used to instruct international military students.

Conditions: You are assigned as a Petroleum Systems Technician, at a company level, in a Contemporary operational environment. Given the responsibility to plan bulk petroleum operations ISO Large Scale Combat Operations. With access to the current TOE for all assigned and supported units, Higher Headquarter's OPLAN, or OPORD, TACSOP, Status reports, maps, overlays and communication equipment. Some iterations of this task should be performed in MOPP 4.

Standards: Manage Petroleum Operations ISO Large Scale Combat Operations to include Conduct Environmental Considerations, Employ Collapsible Tank Rating (BRAG), Analyze Pipeline Operations, Prepare a Product Quality Deficiency Report (PQDR), Evaluate Supply Discrepancy Report, Evaluate Spill Prevention, Perform Techniques for Forward Arming and Refueling Points, Analyze, Army Petroleum Center (APC), Analyze Hazardous Material, Analyze Product Manager Petroleum and Water Systems (PM-PAWS), Apply Evaluate Accounting Procedures, Analyze FORSCOM Army Readiness Management System (ARMS) Inspection, Analyze Air Card Capabilities, Analyze Fleet Card Capabilities IAW ATP 4-43, performance steps, with 100% accuracy or without error, while utilizing the GO & NO-GO criteria.

Special Conditions: None

Safety Risk: Low

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER
None

WARNING
None

CAUTION
None

Remarks: None

Notes: None

Performance Steps

1. Conduct Environmental Considerations
2. Employ Collapsible Tank Rating (BRAG)
3. Analyze Pipeline Operations
4. Prepare a Product Quality Deficiency Report (PQDR)
5. Evaluate Supply Discrepancy Report
6. Evaluate Spill Prevention
7. Perform Techniques for Forward Arming and Refueling Points
8. Analyze Army Petroleum Center (APC)
9. Analyze Hazardous Material
10. Analyze Product Manager, Petroleum and Water Systems (PM-PAWS)
11. Apply Evaluate Accounting Procedures
12. Analyze FORSCOM Army Readiness Management System (ARMS)
13. Analyze Air Card Capabilities
14. Analyze Fleet Card Capabilities

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Warrant Officer a GO if all steps are passed. Score the Warrant Officer a NO GO if any steps are failed. If the Warrant Officer scores a NO GO, show what was done wrong and how to do the step correctly

Evaluation Preparation: Provide all materials mentioned in the condition statement at the testing site.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Conducted Environmental Considerations			
2. Employed Collapsible Tank Rating (BRAG)			
3. Analyzed Pipeline Operations			
4. Prepared a Product Quality Deficiency Report (PQDR)			
5. Evaluated Supply Discrepancy Report			
6. Evaluated Spill Prevention			
7. Performed Techniques for Forward Arming and Refueling Points			
8. Analyzed Army Petroleum Center (APC)			
9. Analyzed Hazardous Material			
10. Analyzed Product Manager Petroleum and Water Systems(PM-PAWS)			
11. Applied Evaluated Accounting Procedures			
12. Analyzed FORSCOM Army Readiness Management System (ARMS)			
13. Analyzed Air Card Capabilities			
14. Analyzed Fleet Card Capabilities			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	AR 200-1	ENVIRONMENTAL PROTECTION AND ENHANCEMENT	Yes	No	
	ATP 4-43	Petroleum Supply Operations	Yes	Yes	
	JP 4-0	Joint Logistics	Yes	No	
	JP 4-01.6	Joint Logistics Over-the-Shore	Yes	No	
	JP 4-03	Joint Bulk Petroleum and Water Doctrine	Yes	No	
	JP 5-0	Joint Planning	Yes	No	
	MIL-STD-3004C	Department of Defense Standard Practice Quality Assurance/Surveillance for Fuels, Lubricants and Related Products	Yes	No	

TADSS : None

Equipment Items (LIN):

LIN	Name
70209N	Computer, Personal Workstation
70223N	Monitor, Color IMPE
FJ250A	Printer

Materiel Items (NSN) :

Step ID	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.

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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
K361	How to develop an operational site diagram for tactical fuel system supply point
K23397	Know the characteristics of the M969A3 (5,000 gallon) semi-trailer fuel tanker
K632	Know how to perform operator Preventive Maintenance Checks and Services on Modular Fuel System (MFS) IAW appropriate TM
K22415	How to develop a operational site diagram for tactical fuel system supply point
K638	Know the characteristics of the Forward Area Refueling Equipment (FARE)
K0044	Understand the concept of forward area arming and refueling point (FAARP)
011-1561K	knowledge of aircraft fuel systems
552-S&K-1010	IDENTIFY FUELS AND LUBRICANTS
K0285	Understanding of interoperability considerations for the major fuel equipment employed by the services
K22368	Know how to perform Preventive Maintenance Checks and Services (PMCS) on refuel on the move (ROM kit/equipment) components IAW appropriate TM

K466	Know aircraft refueling procedures
551-K-0104	How to refuel tactical vehicles using tactical refueling vehicles
K194	Understanding of directing refueling operations using petroleum tank vehicles
K284	Understand the planning process for ROM refueling operations using petroleum tank vehicles
551-K-0075	How to gauge fuel level on a tank semitrailer
K639	Know the characteristics of the Advanced Aviation Forward Area Refueling System (AAFARS)
K640	Know the characteristics of the HEMTT Tanker Aviation Refueling system (HTARS)
101-K-P30034	Know how to direct the assembly, operation, and disassembly of the Modular Fuel System (MFS)
K382	Understand the safety procedures required for conducting aircraft refueling operations
101-K-0011	Know how to inspect fuel samples

Skills :

Skill ID	Skill Name
551-S-0025	Ability to perform proper grounding and bonding procedures using tactical refueling vehicles
101-S-P10052	Ability to identify aviation fuels
101-S-1158	Ability to create a logistical estimate utilizing OPLOG Planner.
S1590	Identify aircraft refueling systems and equipment
101-S-P10051	Ability to identify contamination hazards within aviation fuels
S1608	Ability to perform Preventive Maintenance Checks and Services (PMCS) on Modular Fuel System (MFS) IAW appropriate TM
101-S-P10042	Ability to read petroleum tank vehicle fuel dispensing meters
S-101-E-0022	Ability to interpret an OPLAN
S1041	Ability to direct the assembly, operation, and disassembly of the Fuel System Supply Point (FSSP)
101-S-P10032	Ability to inspect and properly use Refuel on the Move (ROM) equipment
91L-S-131	Conducting operational checks of the diesel fuel system
S-101-E-0099	Ability to position the Modular Fuel System (MFS)
S-101-E-0102	Ability to assemble, operate, and disassemble the Force Provider Fuel System (FPFS)
S2847	Ability to plan bulk petroleum operations
101-S-M602	Ability to identify significant facts affecting planning.
101-S-P10024	Ability to identify automotive, aviation, burner fuels, lubricants, and miscellaneous chemicals
101-S-P10056	Ability to assemble, operate, and disassemble the Advanced Aviation Forward Refueling System (AA
101-S-P30033	Ability to direct the assembly, operate, and disassembly of the Modular Fuel System (MFS)
S3194	Ability to Analyze HR Planning Considerations using the MDMP
101-S-P10057	Ability to assemble, operate, and disassemble the HEMTT Tanker Aviation Refueling System (HTARS)
S1058	Ability to identify resource requirements for conducting aircraft refueling operations using FARE-2, AAFARS, and HTARS systems

ICTL Data :

ICTL Title	Personnel Type	MOS Data
923A Petroleum Systems Technician WOBC	Warrant Officer	MOS: 923A, Skill Level: CW2, Duty Pos: QKS