

Training and Evaluation Outline Report

Status: Approved

23 May 2024

Effective Date: 23 May 2024

Task Number: 06-PLT-1066

Task Title: Control Cannon Firing 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 FCoE FT. Sill, OK 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 3-09.50	THE FIELD ARTILLERY CANNON BATTERY	Yes	Yes	
	DA FORM 2408-4	WEAPON RECORD DATA	Yes	No	
	DA FORM 4504	RECORD OF FIRE	Yes	No	
	DA FORM 4513	RECORD OF MISSIONS FIRED	Yes	No	
	TC 3-09.8	Fire Support and Field Artillery Certification and Qualification	Yes	No	
	TC 3-09.81	FIELD ARTILLERY MANUAL CANNON GUNNERY	Yes	No	
	TSOP	TACTICAL STANDING OPERATING PROCEDURES.	Yes	No	

Conditions: The Platoon has received an order and is conducting operations in a live training environment. The Platoon received the supported unit's Operations Order (OPORD) and Commander's intent. The Field Artillery OPORD has been approved and disseminated. The Platoon has communications with higher and subordinate elements. The Platoon has all assigned equipment and personnel. The Platoon has occupied a firing position and is conducting fire missions. The Platoon is conducting operations during day/night in a dynamic Operational Environment (OE) against a single threat. The enemy can attack by air, indirect fire, and ground (mounted or dismounted) and has Electronic Warfare (EW) capabilities. Coalition forces and noncombatants may be present in the OE. The Platoon has been provided guidance on the Rules of Engagement (ROE) and Rules of Interaction (ROI). This task should be performed under all environmental conditions.

Note: The condition statement for this task is written assuming the highest training conditions reflected on the Task Proficiency matrix required for the evaluated unit to receive a "Fully Trained" (T) rating.

Note: Condition terms definitions:

Dynamic Operational Environment: Three or more operational and two or more mission variables change during the execution of the assessed task.

Complex Operational Environment: Changes to four or more operational variables impact the chosen friendly COA/mission.

Hybrid Threat: Diverse and dynamic combination of regular forces, irregular forces, and/or criminal elements all unified to achieve mutually beneficial effects.

Single threat: A single threat in a training environment has conventional, irregular, criminal, or terrorist forces.

Some iterations of this task should be performed in MOPP 4.

Standards: Platoon leaders direct actions resulting in the safe, timely, and accurate Control of Cannon Firing Operations IAW Tactical Standard Operating Procedures (TSOP), ATP 3-09.50 and Commander's guidance.

Leaders are defined as Commander, Platoon Leaders, Platoon Sergeants, Gunnery Sergeant, Fire Direction Officer/NCO (FDO/FDNCO) and Section Chiefs.

Live Fire: No

Objective Task Evaluation Criteria Matrix:

Plan and Prepare		Execute					Evaluate																				
Operational Environment	Training Environment (L/V/C)	% Leaders present at training/authorized	% Present at training/authorized	External evaluation	Performance measures	Critical performance measures	Leader performance measures	Evaluator's observed task proficiency rating	Commander's assessment																		
SQD & PLT																											
Dynamic (Single Threat)	IAW unit CATS statement.			Yes	≥80% GO	All	≥85% GO	T	T																		
										Night																	
Static (Single Threat)													No			75-84% GO	P	P									
																			Night								
Static (Single Threat)																						No			≤74% GO	U	U
Static (Single Threat)				No				U	U																		

Remarks: None

Notes: All crew members will wear Earplugs, Gloves, Kevlar or Advanced Combat Helmet, Pro-mask and hydration device during all operations.

Note: Before proceeding with this task, read DANGERS, WARNINGS, and CAUTIONS.

Safety Risk: Medium

Task Statements

Cue: None

DANGER

Leaders have an inherent responsibility to conduct Risk Management (RM) to ensure the safety of all Soldiers and promote mission accomplishment. Continuous failure to properly conduct RM can result in injury or death to personnel and damage to equipment.

WARNING

RM is the Army's primary decision-making process, to identify hazards, reduce risk, and prevent both accidental and tactical loss. All Soldiers have the responsibility to learn and understand the risks associated with this task. Failure to adhere to RM mitigation measures can result in injury or death to personnel and damage to equipment.

CAUTION

Identifying hazards and controlling risks across the full spectrum of Army functions, operations, and activities is the responsibility of all Soldiers.

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, P, U										

Mission(s) supported: None

MOPP 4: Sometimes

MOPP 4 Statement: Some iterations of this task should be performed in MOPP4.

NVG: Never

NVG Statement: None

Prerequisite Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
3.	06-PLT-3003	Perform Reconnaissance Operations for Self Propelled (SP) Artillery Positions (PLT)	06 - Field Artillery (Collective)	Approved
3.	06-BTRY-3001	Occupy a Tactical Area	06 - Field Artillery (Collective)	Approved
3.	06-BTRY-3002	Perform Reconnaissance Operations for Towed Artillery Positions	06 - Field Artillery (Collective)	Approved

Supporting Collective Task(s):

Step Number	Task Number	Title	Proponent	Status
1.	06-PLT-6009	Perform the Transfer of Platoon Operations Center (POC) Control Functions	06 - Field Artillery (Collective)	Approved
2.	06-BTRY-5424	Process Fire Missions	06 - Field Artillery (Collective)	Approved
2.	06-PLT-5012	Establish Firing Capability for a M109A6/A7 Paladin Platoon.	06 - Field Artillery (Collective)	Approved

OPFOR Task(s): None

Supporting Individual Task(s):

Step Number	Task Number	Title	Proponent	Status
2.	061-13B-1003	Load and Fire 155MM Separate-Loading Ammunition for an M109A7 Howitzer	061 - Field Artillery (Individual)	Approved
2.	061-13B-3501	Verify the Selection and Loading of Ammunition for Firing	061 - Field Artillery (Individual)	Approved
2.	061-266-1501	Prepare Ammunition for Transport	061 - Field Artillery (Individual)	Approved
2.	061-266-4019	Control Ammunition Handling and Storage Procedures	061 - Field Artillery (Individual)	Approved
2.	061-266-2010	Prepare DA Form 5212 Gunner's Reference Card	061 - Field Artillery (Individual)	Approved
2.	061-266-2237	Direct the Preparation of Ammunition for Firing	061 - Field Artillery (Individual)	Approved
2.	061-266-3320	Issue Fire Orders for Direct Fire Mission	061 - Field Artillery (Individual)	Approved
2.	061-266-1502	Select Ammunition and Fuzes for Firing	061 - Field Artillery (Individual)	Approved
3.	061-266-4007	Lay a Battery or Platoon by Using Alternate Methods of Lay	061 - Field Artillery (Individual)	Approved
4.	061-266-4009	Compute Position Minimum Quadrant Elevation (Min QE)	061 - Field Artillery (Individual)	Approved
5.	061-266-4024	Organize Howitzer Sections for Firing	061 - Field Artillery (Individual)	Approved
6.	061-13A-2029	Verify Cannon Battery Safety Procedures	061 - Field Artillery (Individual)	Approved

Supporting Drill(s): None

Supported AUTL/UJTL Task(s):

Task ID	Title
ART 3.2.1.1	Conduct Surface-To-Surface Attack

TADSS

TADSS ID	Title	Product Type	Quantity
No TADSS specified			

Equipment (LIN)

LIN	Nomenclature	Qty
H05007	Howitzer, Light, Towed: M119	1
H57916	Howitzer Medium Towed: M777	1
H57642	Howitzer, Medium, Self Propelled: M109A6	1
H05013	Howitzer, Medium, Self-Propelled: M109A7	1
T07679	Truck Utility: Heavy Variant HMMWV 4x4 10000 GVW W/E: M1097	1
C11158	Carrier Armored Command Post: Full Tracked: XM1068	1

Materiel Items (NSN)

NSN	LIN	Title	Qty
7010-01-499-9231	FJ1007	Computer System, Digital, FBCB2: AN/GYK-54	1
5280-01-417-5214		Receiver-Transmitter, Radio	1
0000-00-0.Z27869		Computer Set, Field Artillery General AN/GYG-1A(V)1 (AFATDS)	1

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. Protect your environment. For further information refer to AR 200-1, Environmental Protection and Enhancement.

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.