

# Training and Evaluation Outline Report

**Status: Approved**

**21 May 2024**

**Effective Date: 21 May 2024**

**Task Number:** 06-PLT-5424

**Task Title:** Process Fire Missions

**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 3-09.23	Field Artillery Cannon Battalion	Yes	No	
	ATP 3-09.50	THE FIELD ARTILLERY CANNON BATTERY	Yes	No	
	ATP 3-09.60	TECHNIQUES FOR MULTIPLE LAUNCH ROCKET SYSTEM (MLRS) AND HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) OPERATIONS <a href="https://armypubs.us.army.mil/doctrine/DR_pubs/dr_d/pdf/atp3_09x60.pdf">https://armypubs.us.army.mil/doctrine/DR_pubs/dr_d/pdf/atp3_09x60.pdf</a>	Yes	No	
	ATP 3-09.70	Paladin Operations	Yes	No	
	Command Produced TSOP	Local TSOP	Yes	No	
	FM 3-09	FIELD ARTILLERY OPERATIONS AND FIRE SUPPORT <a href="http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm3_09.pdf">http://armypubs.army.mil/doctrine/DR_pubs/dr_a/pdf/fm3_09.pdf</a>	Yes	Yes	
	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	

**Conditions:** The Platoon is conducting operations as part of a Battery in a live training environment. Schedule of fires, targets of opportunity, and Calls-For-Fire (CFF) are being received. The Unit is conducting operations at night in a dynamic Operational Environment (OE) against a single threat. Field Artillery (FA) attack guidance has been received from higher headquarters. The computer system's tactical database and Commander's criteria have been established IAW the Operations Order/Operations Plan (OPORD/OPLAN). The Platoon has communications with the Battery and firing elements. The Platoon has all assigned equipment and personnel. Coalition forces and noncombatants may be present in the operational environment. The Unit has been provided guidance on the Rules of Engagement and the Rules of Interaction (ROE/ROI).

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:** The Platoon Operations Center/Fire Direction Center (POC/FDC) Process Fire Missions IAW Commander's guidance, Tactical Standing Operating Procedures (TSOP), TC 3-09.8, TC 3-09.81 and FM 3-09.

NOTE: The minimum leaders required to conduct this task are the Battery Commander, First Sergeant, Platoon Leader, Platoon Sergeant, Fire Direction Officer, Fire Control NCO, and Section Chief.

**Live Fire:** LFX

This task can be conducted live; however, this training event does not have to be under live fire conditions for a MET assessment. When conducted as a live fire exercise, unit will achieve standards as outlined in Appendix D TC 3-09.8 Fire Support and Field Artillery Certification and Qualification.

**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
Static (Single Threat)									
	Day	≤59%	≤59%	≤74% GO	U	U			

**Remarks:** None

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

**Safety Risk:** Low

<b>Task Statements</b>
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**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.

## 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

- +\* 1. The Fire Direction Officer/Fire Control NCO supervise POC/FDC operations.
  - 2. POC/FDC receives or manually inputs fire mission.
  - 3. POC/FDC reviews the fire mission.
  - + 4. POC/FDC executes the CFF, reviews the tactical solution, and transmits the mission to the selected firing element.
    - a. Monitors the type of fire control: When Ready (WR), Time on Target (TOT), Time to Fire (TTF), On Call, At My Command (AMC), Time-Time on Target (TTT), Time When Ready (TWR).
    - b. Confirms that the mission is fired IAW the assigned method of fire control.
  - 5. POC/FDC tracks the mission to ensure the firing element receives the mission and the firing element sends the mission status message.
  - + 6. POC/FDC ensures the firing element has the correct time for TOT/TTF type fire control.
  - + 7. POC/FDC issues the command to fire if the mission is "at my command" and they are the originating source.
- +\* 8. Fire Direction Officer or Fire Control NCO reassigns the mission if the firing element selected is unable to comply.
- +\* 9. Fire Direction Officer or Fire Control NCO analyzes any capabilities mission received and informs the controlling HQ of the status of capabilities missions.
 

Note: Refer to FM 3-09 for Capabilities.
- + 10. POC/FDC executes mission fired report when received from the firing element.

GO	NO-GO	N/A

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
1.	06-BTRY-3001	Occupy a Tactical Area	06 - Field Artillery (Collective)	Approved
1.	06-PLT-3026	Conduct a Towed Artillery Occupation	06 - Field Artillery (Collective)	Approved
1.	06-PLT-1066	Control Cannon Firing Operations	06 - Field Artillery (Collective)	Approved
1.	06-PLT-1063	Establish an Operations Center	06 - Field Artillery (Collective)	Approved
1.	06-PLT-1038	Control a Field Artillery Unit Move (PLT)	06 - Field Artillery (Collective)	Approved
1.	06-PLT-5012	Establish Firing Capability for a M109A6/A7 Paladin Platoon.	06 - Field Artillery (Collective)	Approved

**Supporting Collective Task(s):**

Step Number	Task Number	Title	Proponent	Status
1.	06-PLT-1063	Establish an Operations Center	06 - Field Artillery (Collective)	Approved
1.	06-PLT-1066	Control Cannon Firing Operations	06 - Field Artillery (Collective)	Approved
1.	06-BTRY-3026	Conduct a Towed Artillery Occupation	06 - Field Artillery (Collective)	Approved
1.	06-SEC-5021	Prepare a Towed Howitzer for Conduct of Fire Missions	06 - Field Artillery (Collective)	Approved
1.	06-PLT-3026	Conduct a Towed Artillery Occupation	06 - Field Artillery (Collective)	Approved
1.	06-PLT-3001	Conduct Air Movement of the M142 High Mobility Artillery Rocket System (HIMARS) and M1084A1 Resupply Vehicle (RSV)	06 - Field Artillery (Collective)	Approved
1.	06-PLT-5012	Establish Firing Capability for a M109A6/A7 Paladin Platoon.	06 - Field Artillery (Collective)	Approved
5.	06-SEC-5044	Process Fire Plans	06 - Field Artillery (Collective)	Approved
5.	06-SEC-5032	Conduct an MLRS/HIMARS Fire Mission	06 - Field Artillery (Collective)	Approved
5.	06-SEC-5017	Conduct Howitzer Fire Missions	06 - Field Artillery (Collective)	Approved
5.	06-SEC-5016	Determine Firing Data	06 - Field Artillery (Collective)	Approved
5.	06-SEC-6035	Perform an Excalibur Fire Mission	06 - Field Artillery (Collective)	Approved

**OPFOR Task(s):** None

**Supporting Individual Task(s):**

Step Number	Task Number	Title	Proponent	Status
2.	061-13A-2007	Manage the Field Artillery Battalion Muzzle Velocities Program	061 - Field Artillery (Individual)	Approved
2.	061-275-8004	Operate SINGARS-Advanced System Improvement Program (ASIP) with VIC-3	061 - Field Artillery (Individual)	Approved
2.	061-275-8005	Operate an AN/PRC-150 C HARRIS Radio	061 - Field Artillery (Individual)	Approved
2.	061-280-3038	Troubleshoot Inaccurate Fires	061 - Field Artillery (Individual)	Approved

**Supporting Drill(s):**

Step Number	Drill Number	Drill Title	Drill Type	Proponent	Status
1.	06-SEC-D6001	Set up a Towed Artillery Unit Fire Direction Center (FDC)	Crew Drill	06 - Field Artillery (Collective)	Approved
1.	06-SEC-D6044	Set up a Fire Direction Center in support of a Self-Propelled unit	Crew Drill	06 - Field Artillery (Collective)	Approved
1.	06-SEC-D4008	Perform Fire Direction Center (FDC) Advance Party Operation for Towed Artillery	Crew Drill	06 - Field Artillery (Collective)	Approved

**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
H05013	Howitzer, Medium, Self-Propelled: M109A7	1
H57916	Howitzer Medium Towed: M777	1
M82581	Multiple Launch Rocket System: (MLRS) M270A1 Improved Launcher	1
T59448	Truck Cargo: WO/Winch M1078A1P2 WO/W	1
H57642	Howitzer, Medium, Self Propelled: M109A6	1
FA959F	SINCGARS Ac Power Station	1
FA952R	Interconnecting Group, Maint Kt SINCGARS	1
C05032	Computer System, Digital: AN/GYK-63(V)2 (AFATDS)	1
XA20A3	HIMARS Launcher Mockup	1
H57505	Howitzer Light Towed: M119	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. 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.