

**Report Date:** 23 Apr 2013

**Summary Report for Individual Task  
061-C02-1090  
Control Fire Mission Processing  
Status: Approved**

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DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

**Condition:** Given an automated database, target list, situation map with overlay, OPORD, firing tables, plotting board, maps, communications, and firing data.

**Standard:** Control the processing of fire missions so that fire direction center (FDC) personnel can calculate firing solutions without error and provide the howitzer sections with data to accurately engage targets IAW FM 6-40.

**Special Condition:** None

**Special Standards:** None

**Special Equipment:**

**Safety Level:** Low

**MOPP:**

<b>Task Statements</b>
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**Cue:** None

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:** None

## Performance Steps

1. Determine if the target can be attacked.
  - a. Plot the target on the situation map.
  - b. Verify that FSCMs are not violated, and that intervening crests will not hamper mission processing.

Note: If an intervening crest problem cannot be resolved with the optimum charge the FDO will decrease the charge. If decreasing the charge does not resolve the problem, the FDO may consider high angle fire.
  - c. Request guidance from higher headquarters before processing the mission if any FSCMs are violated.
2. Perform Tactical Fire Direction (Autonomous Operations only).
  - a. Determine shell/fuze combination to achieve desired effect on target.
  - b. Determine fire unit size required to achieved desired effects on target.
  - c. Determine volume of fire required to achieve desired effects on target.
  - d. Determine Method of Control to best achieve desired effects on target.
  - e. Determine Sheaf that achieves desired effects on target.
3. Issue a Fire Order (Autonomous Operations Only).
  - a. Announce Unit to Fire.
  - b. Announce the Adjusting Element and/or method of fire of the adjusting element.

Note: Include Projectile, lot, fuze, and charge in adjustment.
  - c. Announce Basis for Corrections.

Note: Include TAFCS, GFT, TFT, MET + VE.
  - d. Announce Distribution (Sheaf).
  - e. Announce Special Instructions.
  - f. Announce Method of Fire.

Note: Include # of rounds in the FFE phase.
  - g. Announce Projectile fired during FFE.
  - h. Announce Lot and Charge fired during FFE.
  - i. Announce Fuze fired during FFE.
  - j. Announce Target Number.
4. Direct the execution of the fire mission in the TAFCS.
5. Verify that Range and Deflection generally agree between TAFCS and backup automated device or firing chart (non-paladin only).

Note: There are no stated tolerances with which primary and backup computation methods must agree. However, this check ensures that the computer operator did not make a mistake when entering the mission into the TAFCS.

6. Verify fire commands are safe and properly announced (non-paladin only).
7. Verify fire mission data is properly annotated.
8. Verify all howitzers receive fire mission data.
9. Confirm the proper transmission of reports to higher headquarters.
10. Verify fire mission is properly ended when commanded from higher.

(Asterisks indicates a leader performance step.)

**Evaluation Preparation:** Setup: Ensure that all information, references, and equipment required to perform the task are available. Use the performance measures and the references to score the Soldier’s performance. Brief the Soldier. Tell the Soldier what he is required to IAW the task conditions and standards.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Determined if the target can be attacked.			
2. Performed Tactical Fire Direction (Autonomous Operations only).			
3. Issue a Fire Order (Autonomous Operations Only).			
4. Supervised the execution of the fire mission in the TAFCS.			
5. Verified that Range and Deflection generally agree between TAFCS and backup automated device or firing chart (non-paladin only).			
6. Verified fire commands are safe and properly announced (non-paladin only).			
7. Verified fire mission data is properly annotated.			
8. Verified all howitzers receive fire mission data.			
9. Supervised the proper transmission of reports to higher headquarters.			
10. Verified fire mission is properly ended when commanded from higher.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	FM 6-40	Tactics, Techniques, and Procedures for Field Artillery Manual Cannon Gunnery	No	No

**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.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET 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 FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. The local commander must personally approve all training judged to be high risk. The operations officer is responsible for conducting a risk assessment in accordance with the safety assessment matrix contained in the Course Management Plan, and for obtaining the commander's approval prior to conducting such training. The principal instructor is responsible implementing safety measures according to the local safety standing operating procedure.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :** None

**Supported Collective Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
06-6-5066	Employ Fires	06 - Field Artillery (Collective)	Approved
06-1-5002	Execute Fires	06 - Field Artillery (Collective)	Approved
06-4-5016	Determine Firing Data	06 - Field Artillery (Collective)	Approved
06-1-5076	Synchronize Fires	06 - Field Artillery (Collective)	Approved
06-6-6055	Process a Precision Fire Mission	06 - Field Artillery (Collective)	Approved