

Report Date: 25 Sep 2013

**Summary Report for Individual Task
061-271-1507
Prepare an 155MM Round for Firing from an M198 Howitzer
Status: Approved**

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

DESTRUCTION NOTICE: None

Condition: Given incoming fire mission data, an M198 howitzer with crew in a firing position, section equipment, tools, projectiles, charges and fuzes.

Standard: Prepare an 155MM round for firing for the M198 Howitzer so that the round is properly assembled and can engage a target without causing damage to the weapon or injury personnel IAW procedures listed in TM 9-1025-211-10.

Special Condition: None

Safety Level: Low

MOPP:

Task Statements

Cue: Upon receiving a fire mission.

DANGER

None

WARNING

None

CAUTION

Striking the fuze or primer during handling or loading could damage the equipment and injure or kill personnel. Use a closed fist to ram a round to prevent injuring fingers. Wearing jewelry could cause injury to fingers or hands.

Remarks: None

Notes: None

Performance Steps

1. Prepare the Primer

Note: DO NOT open protective moisture bag until ready to load in the magazine.

2. Prepare the Charge

a. Unpack charges from protective container.

b. Inspect for damage, loose grains, and signs of moisture.

Note: For conventional charges remove the igniter cap and inspect the igniter pad for damage as well.

c. Remove excess increments.

d. Secure the powder increments that will be used.

e. Repack unused/excess MAC increments.

Note: If conventional charge increments are being used then dispose of the excess increments into an approved disposal container.

CAUTION

Other than inspecting the projectile, Do NOT remove the grommet or flexible rotating band cover from the projectile until it is ready to be fired. If the grommet or FRBC has been removed and the projectile is not fired, the grommet or flexible rotating band cover should be replaced. Handling or transporting projectiles without a grommet or flexible rotating band cover is likely to cause damage to the obturator band as well as to the rotating band.

3. Prepare the Projectile

a. Verify the projectile is the type designated by the fire command

b. Remove the grommet or flexible rotating band cover (FRBC)

WARNING

Dirt or grease left on the projectile rotating band could cause failure of the projectile to seat properly in the forcing cone. Firing an unseated projectile could result in an in-bore explosion that could cause severe injury or death.

c. Examine the rotating band for damage, dirt, and/or burrs

Note: A projectile with a burred rotating band will be put aside until the burrs can be removed with a file.

d. Clean off the rotating band of any dirt, grease, sand, or oil

e. Remove the lifting plug

f. Examine the fuze well for damage

g. Check the entire projectile for damage

h. Position the projectile upright for fuzing

WARNING

Do not use a projectile with explosive on the threads or evidence of explosive powder seepage. It could cause an inborn explosion if fired, resulting in death or injury.

4. Prepare the Fuze

WARNING

If the lifting plug has been broken. Do not attempt to extract any portion of the plug from the fuze well of the projectile. Return projectile to the ammunition supply point.

Do not fire point-detonating, mechanical time and superquick, electronic time, or the short intrusion variable time fuzes in a deep-cavity projectile without the supplementary charge as an in-bore explosion may result. Do not attempt to remove supplementary charge by any means other than the lifting loop. Use of screwdrivers or other tools to remove the charge by force is dangerous. Failure to follow these safety precautions could result in explosion of the projectile, resulting in severe injury or death.

- a. Remove the lifting plug.
- b. Remove the supplementary charge for long intrusion proximity fuzes, if necessary.
- c. Clear the fuze well and threads of debris and obstructions
- d. Screw the fuze in by hand
- e. Tighten the fuze 1/4 turn with the M18 Fuze Setter Wrench
- f. Set the Fuze

(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. Prepared the Primer.			
2. Prepared the Charge.			
3. Prepared the Projectile.			
4. Prepared the Fuze.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 6-50	Tactics, Techniques, and Procedures for the Field Artillery Cannon Battery	No	No
	TM 9-1025-211-10	Operators Manual (Crew) for Howitzer, Medium, Towed: 155-MM, M198 (NSN 1025-01-026-6648) (EIC: 3EL) {TM 08198A-10/1} (Reprinted W/Basic Incl C1-4)	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. 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 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, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. Striking the fuze or primer during handling or loading could result in damage to equipment and injury or death to personnel. Wearing of jewelry could cause injury to fingers or hands.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
061-266-1507	Operate the Portable Inductive Artillery Fuze Setter (PIAFS)	061 - Field Artillery (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks : None