M100 GREM

In Case of Misfire

WEAPON MISFIRE:

Apply SPORTS from rifle operator's manual:

SLAP – PULL – OBSERVE – RELEASE – TAP - SQUEEZE

GREM Launched but does not go off:

Maintain 15m from UXO. Mark area and contact EOD.

Bullet fires without launching the GREM:

Put Weapon on SAFE – TREAT AS UXO

Put weapon on ground with muzzle towards target and contact EOD.

In Combat:

Put Weapon on SAFE. Keep muzzle pointing towards target and carefully remove GREM. Place GREM on ground with rod towards target, mark area, treat as UXO and contact EOD. Check barrel for obstruction.

If GREM is hard to remove, place weapon on ground with muzzle towards target, mark area, treat as UXO and contact EOD.

M100 GREM

NSN 1330-01-493-8597, DODIC GG12

Quick reference card

Use IAW GREM Operator's Manual TM 9-1330-210-10 and https://www.us.army.mil/suite/page/686825

WARNINGS

GREM IS A HIGH RECOIL MUNITION – **TACTICAL** RECOIL PAD MUST BE PROPERLY INSTALLED ON M4 CARBINES WITH BUTTSTOCK IN ½ OPEN POSITION PRIOR TO FIRING.

GUNNER AND ALL PERSONNEL MUST BE AT LEAST **15m FROM TARGET.**

ALL PERSONNEL WITHIN ENGAGEMENT AREA MUST WEAR EYE PROTECTION (BLPS/SPECS), HELMET, GLOVES, ROLLED DOWN SLEEVES AND BODY PERSONNEL PROTECTIVE EQUIPMENT INCLUDING GROIN PROTECTION.

ALL PERSONNEL WITHIN **535m** OF TARGET MUST WEAR HEARING PROTECTION.

WEAPON MUST BE ON SAFE AND LOADED WITH FULL MAGAZINE BEFORE INSTALLING MUNITION ONTO WEAPON.

MAINTAIN 3" EXTENDED EYE AND NOSE RELIEF FROM RIFLE OPTICS, SIGHTS AND CHARGING HANDLE.

MAINTAIN a MINIMUM **SAFETY DISTANCE of 15m** FROM **UNEXPLODED ORDNANCE.**

CONTACT EOD FOR DISPOSAL.

USE ONLY **M16A2**, M16A4 OR **M4, M4A1** (WITHOUTM203/M320 GRENADE LAUNCHER ATTACHED) WITH **TACTICAL** RECOIL PAD WITH BUTTSTOCK IN ½ OPEN POSITION.

USE ONLY **M855** BALL, M855A1 OR **M856** TRACER AMMO WITH WEAPON ONLY ON SINGLE SHOT (SEMI AUTOMATIC MODE).

DO NOT USE A **DAMAGED** GREM.

* NO CRACKS * NO CRUSHED AREAS * NO LOOSE PARTS

STANDOFF ROD MUST BE INSTALLED AND MUNITION MUST BE FULLY SEATED AGAINST MUZZLE.

FIRING PROCEDURES

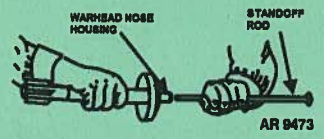
1. Identify the target door.

2. Select firing position. Keep 15-30m in front of the target door.

3. External checks: Do NOT use a damaged GREM with any cracks, crushed areas, or loose parts.

4. Attach the Standoff Rod.

Observe safety instructions; wear safety equipment: BLPS Eye protection; Helmet; Body armor; Rolled down sleeves; Ear plugs.



Aug 2013

5. Prepare the weapon. USE ONLY M16A2, M16A4 or M4, M4A1 (without M203/M320 Grenade Launcher attached) with the Tactical Recoil Pad with buttstock in 1/2 open position.

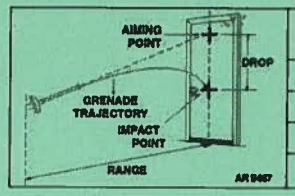
USE ONLY M855 Ball, M855A1 or M856 Tracer ammo.

> Set selector to **SAFE** > Load a **FULL** magazine >Cock the weapon

6. Mount GREM on the weapon muzzle.

7. Assume desired position. GREM can be launched from standing, kneeling or seated position. Because of high recoil, the recommended firing position is kneeling.

8. Aim.



Range [meters]	Aim point above Impact point [meter]	
	Weapon-M4	M16
15	0.6 (2 feet)	0.6 (2 feet)
20	1.5 (5 feet)	1.5 (5 feet)
30	3.0 (10 feet)	4.0 (13 feet)

9. Fire.

Set the selector to **SEMI (single round)**. Maintain **3"** extended eye and nose relief from rifle optics, sights and charging handle.