

**071-COM-4407
Employ Hand Grenades
Status: Approved**

Security Classification: U - Unclassified

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 G2, Fort Moore, GA 31905 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: You are a member of a squad or team conducting a tactical mission and have been directed to engage a point or area target using a grenade. You have the appropriate grenade(s) for the target. Some iterations of this task should be performed in MOPP 4.

Standards: Engage target with a hand grenade by: selecting appropriate hand grenade based on type target, determining throwing position, correctly gripping, preparing, and throwing the hand grenade so it is within the effective range of the target.

Special Conditions: None

Safety Risk: High

MOPP 4: Sometimes

Task Statements

Cue: None

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Select appropriate hand grenade based on type of target.

2. Select proper throwing position.

Note: You can use five positions to throw grenades - standing, prone-to-standing, kneeling, prone-to-kneeling, and alternate prone. However, if you can achieve more distance and accuracy using your own personal style, do so as long as your body is facing sideways and toward the enemy's position, and you throw the grenade overhand.

a. Ensure you have a proper covered position.

b. Determine the distance to the target.

c. Align your body with the target.

3. Grip the hand grenade.

Note: Do not remove the safety clip or the safety pin until the grenade is about to be thrown.

a. Place the hand grenade in the palm of the throwing hand with the safety lever placed between the first and second joints of the thumb.

Note: For left handed throwers the grenade is inverted with the top of the fuze facing downwards in the throwing hand.

b. Keep the pull ring away from the palm of the throwing hand so that it can be easily removed by the index or middle finger of the free hand.

4. Prepare the hand grenade.

a. Tilt the grenade forward to observe the safety clip.

b. Remove the safety clip by sweeping it away from the grenade with the thumb of the opposite hand.

c. Insert the index or middle finger of the non-throwing hand in the pull ring until it reaches the knuckle of the finger (Figure 1).

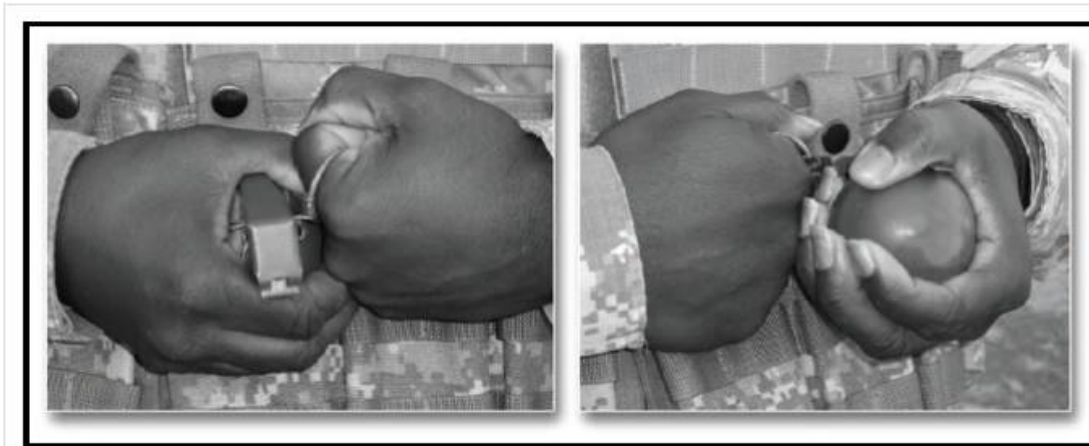


Figure 1. Pull ring grip, right/left hand.

DANGER

If pressure on the safety lever is relaxed after the safety clip pin are removed, the striker can rotate and strike the primer while the thrower is still holding the grenade. Continuing to hold the grenade beyond this point can result in injury or death.

d. Ensure that you are holding the safety lever down firmly.

e. Twist the pull ring toward the body (away from the body for left handed throwers) to release the pull ring from the confidence clip.

CAUTION

Never attempt to reinsert a safety pin into a hand grenade during training. In combat, however, it may be necessary to reinsert a safety pin into a grenade. Take special care to replace the pin properly. If the tactical situation allows, it is safer to throw the grenade rather than to trust the reinserted pin.

f. Remove the safety pin by pulling the pull ring from the grenade.

5. Throw the hand grenade so it is within the effective range of the target.

a. Observe the target to estimate the distance between the throwing position and the target area.

Note: In observing the target, minimize exposure time to the enemy (no more than 3 seconds).

WARNING

The flight path of the grenade must be checked to make sure no obstacles alter the flight of the grenade or cause it to bounce back toward you.

b. Ensure there are no obstacles that can alter or block the flight of the grenade when it is thrown.

c. Confirm body target alignment.

DANGER

Use cook-off procedures only in a combat environment. In training, never cook off live fragmentation hand grenades or offensive concussion grenades.

Never cook off the M84, stun grenade, or smoke grenades. These grenades have short fuze delays (1 to 2.3 seconds) and will cause serious personal injury if cook-off procedures are performed.

The grenade must be thrown immediately after count off.

d. Cook off the hand grenade. (Optional)

Note: Cooking off uses enough of the grenade's 4- to 5-second delay (about 2 seconds) to cause the grenade to detonate above ground or shortly after impact with the target.

(1) Release the safety lever.

(2) Count "One thousand one, one thousand two".

e. Announce FRAG OUT, as required.

f. Throw the grenade overhand so that the grenade arcs, landing on or near the target.

Note: To be effective the target must be within the bursting radius of the grenade.

g. Allow the motion of the throwing arm to continue naturally once the grenade is released.

h. Seek cover to avoid being hit by fragments or direct enemy fire.

Note: If no cover is available, drop to the prone position with your protective head gear facing the direction of the grenade's detonation.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Score the Soldier GO if all performance measures are passed. Score the Soldier NO-GO if any performance measure is failed. If the Soldier scores a NO-GO, show the Soldier what was done wrong and how to do it correctly.

Evaluation Preparation: SETUP: Provide the Soldier with the equipment and or materials described in the conditions statement.

BRIEF SOLDIER: Tell the Soldier what is expected by reviewing the task standards. Stress to the Soldier the importance of observing all cautions, warnings, and dangers to avoid injury to personnel and, if applicable, damage to equipment.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Selected the appropriate hand grenade based on type of target.			
2. Selected appropriate throwing position.			
3. Gripped the hand grenade.			
4. Prepared the grenade.			
5. Threw the hand grenade so it was within the effective range of the target.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary	Source Information
	TC 3-23.30	Grenades and Pyrotechnic Signals (Published W/Basic INCL C1)	Yes	Yes	
	TM 9-1330-200-12	OPERATORS AND ORGANIZATIONAL MAINTENANCE MANUAL FOR GRENADES {TM 1330-12/1A} (REPRINTED W/BASIC THRU Change 24)	Yes	No	

TADSS : None

Equipment Items (LIN): None

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
	1330-00-178-8515	B28143	Body, Practice Hand Grenade: M69 (DODIC:G811)	1
	1330-00-219-8557	J77763	Grenade Hand, Incendiary TH3: M14 (DODIC:G900)	1
	1330-00-219-8511	J79681	Grenade, Hand, HC Smoke: AN-M8 (DODIC:G930)	1
	8465-01-513-4083		Pack, Patrol, MOLLE, Woodland Camouflage	1
	8415-00-146-1667		Vest, Ammunition Carrying, Green, Small	1
	8415-00-146-1668		Vest, Ammunition Carrying, Green, Medium	1
	8415-00-146-1669		Vest, Ammunition Carrying, Green, Large	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.

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.

Prerequisite Individual Tasks : None

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
071-COM-4401	Perform Safety Checks on Hand Grenades	071 - Infantry (Individual)	Approved

Supported Individual Tasks : None

Supported Collective Tasks : None

Knowledges :

Knowledge ID	Knowledge Name
071-OPN-0022	Threat
071-WPN-0064	Target Detection Techniques
071-OPN-0015	Safety Procedures
071-OPN-0019	Tactical Doctrine
071-WPN-0090	Hand Grenades

Skills :

Skill ID	Skill Name
071-WPN-0058	Employ Hand Grenades
071-WPN-0024	Follow Safety Procedures
171-S0036	Ability to Employ ROE and EOF measures

ICTL Data : None