

W6: M18A1 Claymore Mine (Electric Initiation)

Based on:

071-325-4427-Employ an M18A1 Claymore Munition

071-325-4426-Recover an M18A1 Claymore Mine

TC 3-22.23

Task: Employ a Claymore mine. Recover a Claymore mine.

Condition: You are a member of a platoon in a patrol base in a non-CBRNE environment. You have been directed to utilize a Claymore mine to enhance the perimeter defense. There is a known enemy presence.

Standard: Correctly employ and fire a Claymore mine, in sequence, within 10 minutes. Correctly recover an unfired Claymore mine, in sequence, within five minutes.

Station Requirements: A training Claymore mine/munition with all basic items of inventory (BII). One wooden stake in the ground/fixed object at the firing position 16-30 meters from mine emplacement location and another at the mine location. Sandbags, trees, or holes in the ground for Candidate to use to test the mine. A ground level target for the Candidate to aim at in front of the mine emplacement location.

Emplace and Fire:

1. Inventory the components: M57 firing device, M4 electric blasting cap assembly, M40 test set, and M7 bandoleer.
2. Select a firing position that offers cover and unobstructed observation of the site selected for emplacing the munition.
3. Prepare the munition for employment.
 - a. Place bandoleer on the shoulder or around the neck.
 - b. Ensure that the munition and all accessories are in the bandoleer.
 - c. Perform circuit test on the M57 firing device.
 - d. Remove the M57 firing device and the M40 test set from the bandoleer.
 - e. Remove the dust cover from the connector of the M57 firing device.
 - f. Remove the dust cover from the female connector of the M40 test set.
 - g. Plug the M40 test set into the M57 firing device.
 - h. Move the firing device bail to the FIRE position.
 - i. Depress handle of firing device with a firm, quick squeeze, observing flash of light through window of test set.
 - Candidate states, "I see the light."** Operator holds window near eye and shades with other hand.
 - j. Move firing device bail to SAFE position. Place firing device with test set attached in the bandoleer.
 - k. Remove the M4 electrical blasting cap assembly from bandoleer. Remove twist tie from spool.
 - l. Starting at the shorting plug/dust cover end of the electrical wire, uncoil approximately 1-meter of wire.
 - m. At the 1-meter mark, fold the firing wire to create a loop with a large enough circumference to go around a stake or a fixed object at the firing position. Twist the wire loop over the index and middle fingers of the right hand. Push the loop through the circle created.
 - n. Secure the firing wire from the blasting cap side of the munition to a stake or a fixed object at the firing position.
 - o. Uncoil enough wire to place the spool out of sight. Place the remaining spool of wire (with the blasting cap inside the spool) under a sandbag, behind a tree, or in a hole in the ground.
 - p. Remove the M57 firing device with the M40 test set attached from the bandoleer.
 - q. Remove the shorting plug/dust cover from the connector of the firing wire.
 - r. Remove the shorting plug/dust cover from the end of the test set.
 - s. Plug the connector of the firing wire into the test set.
 - t. Move the firing device safety bail to the FIRE position.
 - u. Depress handle of firing device with a firm, quick squeeze, observing flash of light through window of test set.
 - Candidate states, "I see the light."**
 - v. Place firing device on SAFE. Disconnect test set from firing wire; replace shorting plug/dust covers.
 - w. Disconnect test set from firing device and replace dust covers. Repack in bandoleer.
 - x. Remove spool/firing wire/blasting cap from barrier used during circuit testing. Unroll the firing wire from firing position to site selected for munition emplacement. Lay spool (with the blasting cap inside) down within arm's reach of the munition emplacement site.

- y. Assume a prone position and remove munition from bandoleer. Open both pairs of legs to a 45-degree angle facing front/rear of the munition.
- z. Ensure face of munition marked 'FRONT TOWARD ENEMY' and arrows on top of munition point in the direction of the enemy.
 - aa. Push legs about one-third of the way into the ground with munition facing direction of fire. Note: in windy areas or when legs cannot be pressed into ground, spread them as far as they will go so, they are facing front/rear and mine will not tip over.
- 4. Aim the munition.
 - a. Select an aiming point at ground level about 50 meters in front of the munition.
 - b. Position one eye about six inches to the rear of the sight. Note: on knife-edge sight, align two edges of sight with aiming point. On slit-type peep sight, align groove of sight in line with the aiming point that is 2.5 meters off the ground.
- 5. Arm the munition.
 - a. Remove the blasting cap from the spool's cavity. Secure the firing wire approximately one meter to the rear of the munition, so the munition will remain aligned if the firing wire is disturbed.
 - b. Unscrew one of the shipping plug priming adapters from the munition.
 - c. Slide the slotted end of the shipping plug priming adapter onto the firing wire of the blasting cap between the crimped connections and the blasting cap.
 - d. Pull the excess wire through the slotted end of the adapter until the top of the blasting cap is firmly seated in the bottom portion of the shipping plug priming adapter.
 - e. Screw the adapter, with the blasting cap, into the detonator well.
 - f. Check the aim of the munition to ensure that the point of aim has not changed.
- 6. Camouflage the munition and firing wire while moving back to the firing position.
- 7. Fire the munition.
 - a. Seek cover and remove the dust cover on the firing device.
 - b. Remove the shorting plug/dust cover from the end of the firing wire and connect the firing device to the firing wire.
 - c. Move the firing device safety bail to the FIRE position. State, "CLAYMORE" twice and quickly squeeze the firing device handle.

Recover an Unfired Mine:

- 1. Disarm the M18A1 claymore mine.
 - a. Ensure firing device safety bail is in SAFE position. Disconnect firing device from the wire.
 - b. Replace shorting plug on firing wire and dust cover on firing device. Place firing device in bandoleer.
 - c. Untie the firing wire from the stake at the firing site.
 - d. Move to the M18A1 claymore mine.
 - e. Remove the shipping plug priming adapter by unscrewing it from the munition.
 - f. Separate the shipping plug priming adapter and the blasting cap.
 - g. Reverse the shipping plug and screw the shipping plug end of the adapter into the detonator well.
 - h. Remove the firing wire from the stake at the mine site.
 - i. Place the blasting cap into the end of the wire connector and roll the wire onto the wire container.
- 2. Secure the M18A1 claymore mine.
 - a. Lift the mine from its emplacement and secure the folding legs.
 - b. Repack the mine and all accessories into the M7 bandoleer.