

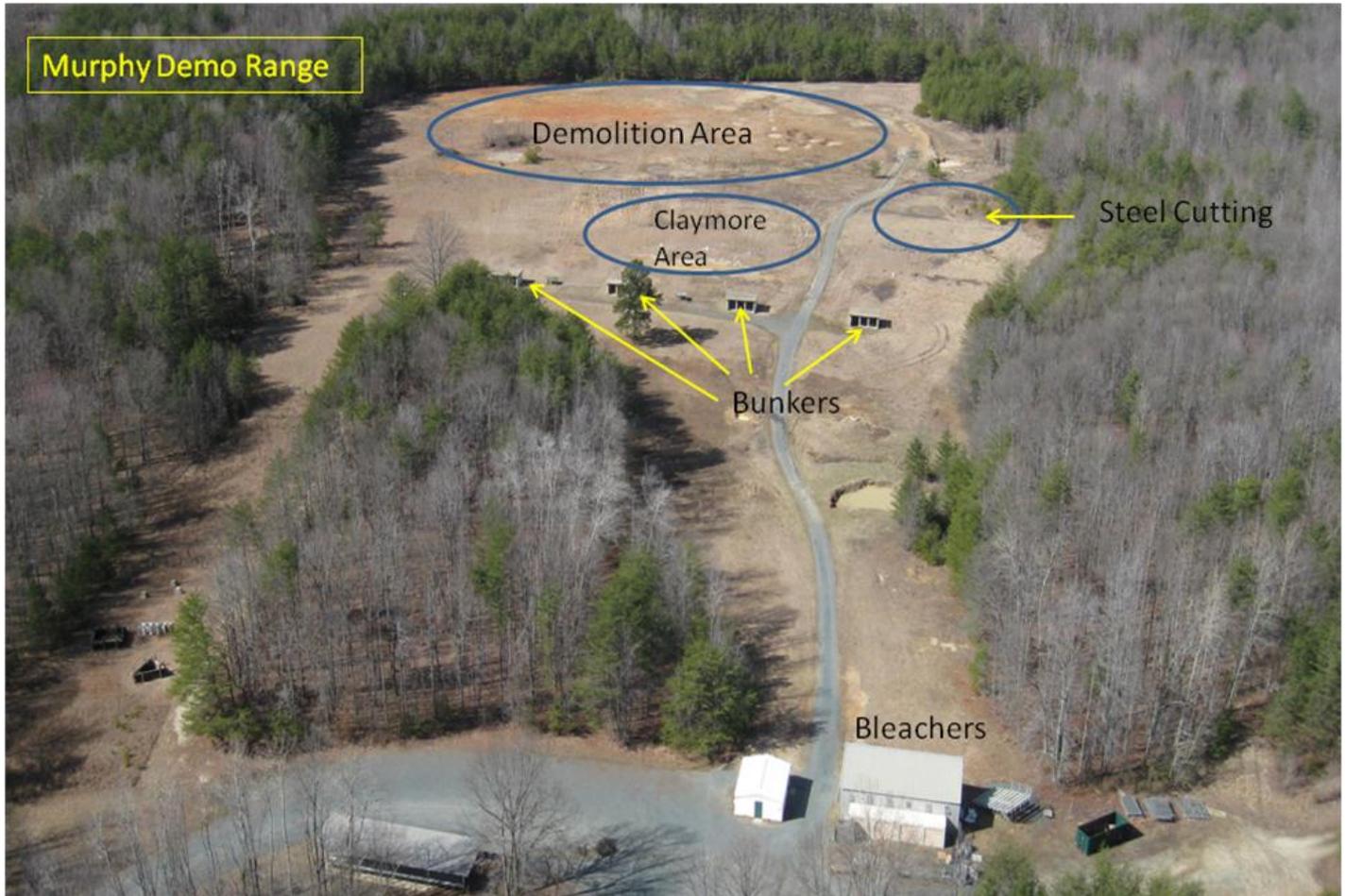
MURPHY DEMOLITION RANGE

RANGE DESCRIPTION

Murphy Demolition Range is an active; Demolition Training Range located at Grid 86236531. It is accessible from route MCB 3.

Primary Use: Primary Use: Basic demolition and engineer

Alternate Uses: None.



WEAPONS ACCOMMODATED:

- Claymore Mines
- Bangalore Torpedo
- TNT
- C-4
- Cratering Charge

AMMUNITIONS AUTHORIZED:

- All demolitions (not to exceed 50 lbs)

ALLOWABLE DEMOLITIONS:

- Cratering Charge (40 lb or less; one per shot)
- Shape Charge (40 lb or 15 lb; one per shot)
- All surface laid/cutting charges; two lbs max per shot
- Bangalore Torpedo- two sections maximum per shot.
- Claymore mine

*All demolitions: Non-Frag not to exceed 50# NEW
Frag not to exceed 15# NEW



Covered Tables



AMMUNITION SHED



BLEACHERS



BUNKERS





URBAN BREACHING AREA



URBAN BREACHING AREA



URBAN BREACHING AREA



URBAN BREACHING AREA

Targets: None.

PRIMARY DIRECTION OF FIRE. -Omni-directional (main range)

SPECIAL INSTRUCTIONS/COMMENTS:

1. Net Explosive Weight (NEW) limitations for Murphy Demolition Range are:

Fragmentation-producing charges: 15 lbs maximum.

NonFragmentation-Producing charges: 50 lbs maximum

2. **Two** lbs maximum on all surface laid cutting charges.

3. Whenever a charge greater than 10 lbs non-frag producing and any frag producing charge are utilized, (including Bangalore torpedos) Range Control must be notified and MCB-3 must be blocked off at the intersection on MCB-3 and MCB-4 (LZ Cockatoo entrance) and at the intersection of MCB-3 and MCB-2 (TBS LZ7). TBS/using unit responsible for clearing and blocking road before each detonation. Includes foot traffic/PT individuals. Must have clear communication with the range.

4. Range 3A cannot be occupied when detonating frag-producing charges or Bangalore Torpedoes on Murphy Demo Range. (Excludes Claymores).

5. No one may enter or exit Range 3A or 3B while MCB-3 is closed.

6. Land navigation in TA 8 is not authorized while Murphy Demo Range is hot.

7. DZ Cockatoo cannot be occupied if charges of more than **10 lbs** non-frag are being used, or if **two lbs** frag-producing charges are being used on Murphy Demo Range.

8. Claymore mines are restricted to use in the Claymore area unless specifically authorized by Range Control. Aiming azimuth is 333 degrees magnetic/degrees 325 grid.

9. HERO sensitive munitions are commonly used on this range. It is the OIC/RSO responsibility to understand all capabilities and limitations of their munitions. **See MEDEVAC note below.**

APPLICABLE MAP SHEET. All grid coordinates listed in this order apply to the Quantico Military Installation Map V834S Edition 4-NGA 1:25000.

FACILITIES

Towers: 0

Sheds: 1

Ammo Breakdown: 1

Parking: No

Description of other structures: bleachers, large covered bunker, head, four small covered bunkers.

UTILITIES AVAILABLE

Electricity: Yes
Lights: Yes
Water System: None

INSTALLED COMMUNICATIONS. None

<u>Nearest MEDEVAC LZ</u>	<u>MILES</u>	<u>GRID</u>
Murphy Demo Range	0.0	86236531

Directions to MEDEVAC LZ:

Located on Murphy Demo Range.

****NOTE- Special consideration must be taken when conducting a life flight MEDEVAC due to static electricity in the aircraft rotors.**

LASERS AUTHORIZED. None

AREA SUITABILITY

<u>Unit Type</u>	<u>Unit Size</u>	<u>No. of</u>
Engineers	Platoon	1
EOD	Platoon	1
Special Operations Breachers	Platoon	1

GEOGRAPHICAL DATA

Access Routes MCB-3
Soil Type Dirt
Terrain Type Level
Vegetation Grass/Woodland

COMMUNICATION REQUIREMENTS:

1. A radio check is required immediately upon occupying any portion of the RTA, every 30 minutes in a live fire status and every 3 hours in a non-live fire status.
2. The Range Control Facility (RCF) Fire Desk Net Control call sign is "Range Control". Your call sign is "Range XX" (name of range, training area or facility unit is occupying).
3. The primary RCF Fire Desk Net Control frequencies are: ELMR talk group "RC Safety" (ground) and 323.7 AM UHF (air).
4. The secondary RCF Fire Desk Net Control is telephone, numbers: 703-784-5321 or 5322.

5. OIC/RSO will monitor the RCF primary and secondary Safety Nets at all times. Instant communication is required.
6. Any unit with organic ELMR radios will have their ELMR radios programmed with the "RC Safety" talk group and use those radios as their primary means of communication within the RTA.
7. Units without organic ELMR assets will be issued ELMR radios from RMB upon check-in.
8. Approved Non-ELMR radios are only authorized for internal communication (ground).
9. If the RCF cannot reach a unit within the RTA via primary communication, the unit will be contacted via the secondary means of communication.
10. Upon loss of primary communication the OIC/RSO will initiate a "check fire"/cease training status and will contact the RCF via secondary communication. This communication will be maintained while primary communication is being restored. Units may only resume firing/training once primary communication has been re-established and clearance is granted by the RCF.

INJURY CLASSIFICATIONS:

Injuries are classified into the following categories in order to aid in casualty evacuation from the RTA.

1. ROUTINE. Routine injuries are those injuries that are not threatening to life, limb or eyesight; and conditions or illnesses treatable by medication or procedures available at the base medical facilities.
2. PRIORITY. Priority injuries are those injuries that require immediate medical attention but are not threatening to life, limb, or eyesight if treated promptly.
3. URGENT. Urgent injuries are severe injuries that are threatening to life, limb, or eyesight and require immediate medical attention.
4. MASS CASUALTY. A mass casualty is a series of injuries with multiple priority and urgent medical patients.

MEDICAL EVACUATION (MEDEVAC) PROCEDURES:

1. Injury occurs.
2. Range immediately cease-fires.
3. Medical support evaluates/treats injured personnel.

4. Range OIC/RSO notifies the RCF of the injury, is the victim conscious/unconscious and what type of MEDEVAC transportation is requested (ground/air).
5. The OIC/RSO must maintain constant radio contact with Range Control and awaits further instructions.