



## 60mm MORTAR POSITIONS AND TARGET BOXES



Figure 2

## ROCKET FIRING POSITIONS AND TARGET BOXES



Figure 3

**TMIT OPERATING BOX (OP-BOX) 1**



**Figure 4**

**TMIT OPERATING BOXES (OP-BOX) 2 & 3**



**Figure 5**

TMIT OPERATING BOXES (OP-BOX) 4 & 5



Figure 6

Placement of SRTs around PITs

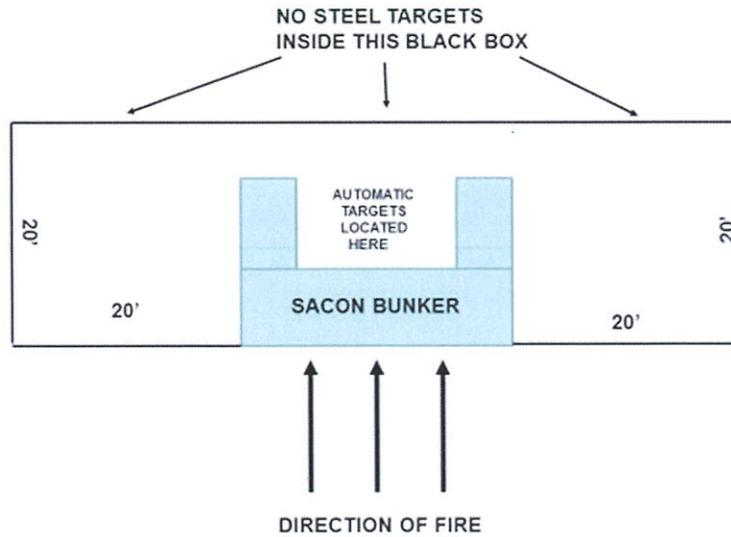


Figure 7

## INFORMATION

Description: Fire and maneuver/movement and static fire range with limited rocket and mortar capability.  
Status: Active  
Location: 7920071150  
Number Firing Points: Multiple

## RANGE USES

Primary Use: Fire and maneuver for squad or platoon size units.  
Alternate Uses: Static firing, machinegun, limited rockets, and mortars.

WEAPONS ACCOMMODATED: Detailed list is maintained in the Range Facility Management Support System (RFMSS).

- Service Rifles
- Service Pistols
- Shotguns
- Light and Medium Machine Guns
- Approved Foreign Weapons
- Hand held grenade launchers (Smoke, Illum, and Practice only)
- Hand Grenades (Smoke, Illum, and Practice only)
- LAW (Trainer only)
- SMAW (with restrictions)
- MAAWS (with restrictions)
- AT-4 (with restrictions)
- 60mm Mortar (with restrictions)
- Laser (Class 3R and lower)

AMMUNITION AUTHORIZED: Detailed list is maintained in the Range Facility Management Support System (RFMSS).

- 5.56mm (All)
- 7.62mm Special Ball/Ball/Linked
- Pistol (All)
- Shotgun (All)
- 40mm (Smoke, Illum, and Practice)
- M72 LAW (21mm Trainer)
- SMAW (83mm Inert and 9mm spotter round)
- SMAW (HX05) with restrictions see Figure (3)
- MAAWS (84mm Inert and 9mm spotter round)
- MAAWS (CA21/CA27) with restrictions see Figure (3)
- AT-4 (84mm Inert and 9mm spotter round)
- 60mm Mortar Full Range Practice with restrictions see Figure (2)
- 60mm Mortar (HE and Illum) with restrictions see Figure (2)
- Hand Grenades (Smoke, Illum, and Practice)
- Approved Foreign Ammunition

## TARGETS/SIMULATORS/DEVICES:

-This range is supportable with Portable Infantry Targets (PITs), paper, Steel Reactive Targets (SRTs), or Trackless Mobile Infantry Targets (TMITs) that must be requested for use under "R-15A Support Services" in the Training Systems Support Desk (TSSD) when the range is requested in RFMSS.

- Trackless Mobile Infantry Targets (TMITs) are approved on this range and must be coordinated through the TSSD.
- TMITs have (5) distinct "Operating Boxes" (Op-box) and will only operate in the areas depicted in Figures 4, 5, and 6.
- TMITs are associated to specific events in RFMSS:
  - Op-Box 1 is associated with the "LIVE FIRE ROBOTS 7.62 (or 7.62SB or 5.56) AND BELOW" and similar events.
  - Op-Boxes 2, 3, 4, and 5 are associated with the "LIVE FIRE ROBOTS MANEUVER 7.62/5.56 AND BELOW CALFEX" and similar events.
- Additional targets are limited to paper, wood, plastic and approved ballistic steel reactive targets (SRT).
- OIC/RSO must ensure all additional targets are placed and engaged to the direct front of the shooter so that all gun-target lines stay within lateral limit markers of this range.
- Cross-fire is not authorized from anywhere in the maneuver box except as noted for the TMITs in Op-Boxes 1 and 5 in Figures 4 and 6.
- Steel reactive targets (SRTs) must be a minimum of 3/8" and constructed of AR-500 or greater steel.
- SRTs will not be placed within 20' to the side or 20' behind any PITs used as shown in Figure-7.
- EPR ammunition (M855A1/M80A1) is **NOT** authorized to be fired on SRTs, TMITs, or steel protective plates for PITs.
- Contact Training Support Center (TSC) at (703)432-7026/7969 for target support or questions.

**Minimum engagement distances for SRTs:**

- Pistol (non-magnum): 7 meters
- Shotgun (buck/bird): 10 meters
- Shotgun (slug): 50 meters
- 5.56mm/.223 Ball/link: 150 meters for TSC targets  
100 meters for unit-owned targets
- 7.62mm Ball/linked: 150 meters for TSC targets  
100 meters for unit-owned targets
- 7.62mm Special Ball: 150 meters

**-Approved foreign weapons ammunition**

- Pistol (non-magnum): 7 meters
- 5.45mm: 150 meters for TSC targets  
100 meters for unit-owned targets
- 7.62mm Ball and linked: 150 meters for TSC targets  
100 meters for unit-owned targets
- 7.62mm x 54R: 150 meters for TSC targets  
100 meters for unit-owned targets

**Minimum engagement distance for Trackless Mobile Infantry Targets (TMITS):**

- 7.62mm: 150 meters
- 5.56mm (steel penetrator): 69 meters
- 5.56mm (soft core): 23 meters

-Pistol calibers (non-magnum): 7 meters.

**PRIMARY DIRECTION OF FIRE. South/Southeast to Southwest**

**RANGE USE RESTRICTIONS/COMMENTS**

1. The only weapons and ammunition approved for use on this range are listed in this document and RFMSS. There shall be no deviations from or modification to the approved weapons and ammunition.
2. Any new or non-standard training events that deviate from the established range certification and this SOP will require a minimum of 30-90 days to approve.
3. The Officer-in-Charge (OIC) shall be the rank of Staff Sergeant (E-6) or above and the Range Safety Officer (RSO) shall be the rank of Sergeant (E-5) or above and both will be qualified in accordance with MCB Range Regulations, have no other duties assigned, and are not permitted to participate in any live fire.
4. For Company sized or smaller CALFEX events, the OIC must be the rank of Gunnery Sergeant (E-7) or above and the RSO must be the rank of Staff Sergeant (E-6) and above. Battalion level CALFEX requires a Field Grade Officer as OIC and RSO to be the rank of Gunnery Sergeant (E-7) or above.
5. The OIC and RSO must be physically present on the range at all times during live fire training and events. When Range 15 is used in conjunction with Range 15A (Maneuver and CALFEX events), only one OIC will be required for both ranges. However, each range must have its own RSO and all 3 must be physically present.
6. Ensure range flags are posted, ear protection is worn (eye protection for steel), other PPE as required, safety brief is given, dedicated safety vehicle and medical support are physically present, Range Control contacted and all fires are directed between the left and right lateral limit markers (black and white striped) as illustrated in this SOP.
7. All maneuver events will close the MCB 3-F and MCB-6D gates as the SDZ crosses north of the intersection of these roads. Units must provide gate guards for these gates. Keys to both gates will be issued at check out.
8. Access to Range 15A via MCB-6 is restricted when either Range 10, Range 10A, or Range 11 are hot or scheduled to be hot the following morning. Unit OIC's will not be issued the key to the MCB-6D gate in this case. Units must plan to enter Range 15A from the north via Tokyo Rd.
9. All live fire from Range 15A closes MCB-3 south of Range 15A. Access to Range 15A via MCB-3 south is prohibited.

10. Live fire from Range 15, Range 9, Range 8, Range 8A, and Range 7 also close MCB-3 and possibly Range 15A entirely. Access to Range 15A via MCB-3 south of MCB-6 is prohibited.
11. When Support by Fire position is used, shifting fire to the right (southwest) to the .50cal targets in the Range 15 impact area must occur when maneuver element reaches its first objective on Range 15A. This must be addressed in an approved Scheme of Maneuver (SOM), Comm plan, and Deliberate Risk Assessment (DRA) provided by the unit for the event.
12. The maneuver element will fire in the direction of their movement as indicated in Figure 1 and to their direct front and 5.56mm and below only. Crossfire or firing across the front of the maneuver element is strictly prohibited. Exception to this restriction is when engaging the TMITs in Op-Box 1 or 5. See Figures 4 and 6.
13. Ammunition 7.62mm/7.62mm Special Ball (.308) will only be fired in the principle direction of fire (southeast) as indicated in Figure 1 or parallel to MCB-3. Support by fire position may shift fire (southwest) to the .50cal targets in the Range 15 impact area across MCB-3. Use of 7.62mm by the maneuver element is strictly prohibited.
14. Downrange fire and movement/maneuver is allowed into the tree line between the left and right lateral limit markers with restrictions based on conflicts with Range 8 and 8A (paragraph 21). Limit of advance is the dirt trail to the south east that connects into MCB-3.
15. Inert rocket shots are permitted into the tree line downrange. See Figure 3.
16. Live HE rocket shots are authorized from the single firing position on Range 15A on the single target point in the Range 15 impact area as indicated in Figure 3.
17. 60mm full-range practice mortars will only be fired downrange into the pre-approved target boxes. HE Mortars will be fired from the single approved mortar position across MCB-3 into the Range 15 impact area only. See Figure 2. **ALL mortars will be observed for positive impact. FRP's will be flagged and reported to Range Control. Using units are not authorized to retrieve the expended rounds, they can only be removed by EOD.**
18. Any HE rounds from rocket or mortar fire that fall short of the Range 15 impact area will result in immediate cease fire until the round can be cleared if duded and MCB-3 cleared by MCBQ EOD.
19. Downrange movement on Range 15A must stop at the lateral limit markers and not proceed into the tree-line or south on MCB-3 when:
  - Range 8 is firing 5.56, 7,62/7.62 Special Ball, .300WM, .50cal, and .338LM.NM.
  - Range 8A is firing 5.56 or 7.62/7.62 Special Ball.

20. Range 15A cannot be occupied anywhere south of MCB-6 when:

- Range 9 is scheduled for live fire.
- Range 15 is scheduled for live fire.
- Range 8A is firing SMAW, MAAWS, and AT-4.

21. All brass, trash, targets and materials will be removed completely at the end of training by the using unit. This includes any materials used to place targets on such as pallets, sandbags, and their debris. Specific attention given to removal of any barbed-wire or C-wire.

22. The parking lot and roll-up containers in the parking lot IVO Range 15A/Range 15/LZ Turkey will be properly policed, nothing left behind.

23. Units that do not occupy their range within two hours of their scheduled occupy time will lose the use of that range for that day.

24. Units that have requested contractor support (automated targets, PITS targets, battlefield effects simulators, etc.) are required to contact a Government representative (TECOM Systems Support Officer (SSO) or Fire Desk) if the unit will not be present on the specified range within 1 hour of the approved time in RFMSS.

25. Units that have occupied a range with approved contractor support (PITs, TMITs, battlefield effects simulators, etc.) and that have not begun to use that support within 2 hours of the approved time in RFMSS will forfeit all contracted support for the day.

26. Units that are training with contractor support (PITs, TMITs, battlefield effects simulators, etc.) that place themselves into a voluntary check fire for 2 hours or more during the approved support hours will forfeit remaining support for the day.

NOTE: Units that encounter situations where contractor support (PITs, TMITs, battlefield effects simulators, etc.) is delayed or interrupted by circumstances beyond the control of the requesting unit (RMB directed check fire, ASP support, MEDEVAC, etc.) must contact a Government representative (SSO or Fire Desk) in order to arrange continued support within the scope of the contract and available assets.

27. If battle effect simulators are to be used on this range, qualified personnel trained on the systems must be present.

**FACILITIES (Number of Each)**

Towers: 0

Sheds: 0

Ammo Breakdown: 0

Parking: Limited to parking lot shared with Range 15.

Description of Other Structures: (5) SACON structures located up range adjacent to MCB-6.

**UTILITIES AVAILABLE**

Electricity: None  
Lights: None  
Water System: None

**INSTALLED COMMUNICATIONS.** None

**MEASURED DISTANCES**

	<u>MILES</u>	<u>MGRS</u>
TBS	7.0	87106390
ASP	9.0	91256605
Range Control	7.5	87406360
WTBN	7.5	87806740
EMT/Fire (Fire House 3)	9.4	89606410
Mainside Gate	11.0	94406440
Camp Upshur	5.0	80007850
Nearest MEDEVAC LZ	0.2	78907150 (LZ Turkey)

**Directions to MEDEVAC LZ:** LZ Turkey is located north of Range 15A directly across MCB-6. See Figure 8.

**RANGE 15A MEDEVAC LZ**



**Figure 8**

**APPLICABLE MAP SHEET.** All grid coordinates listed in this order apply to the Quantico Military Installation Map V834S Edition 2-NIMA 1:25000.

**LASERS AUTHORIZED.** Class 1 - 4.

**AREA SUITABILITY**

<u>Unit Type</u>	<u>Unit Size</u>	<u>Number of Units</u>
Combat Arms	Platoon	1

## GEOGRAPHICAL DATA

Access Routes: MCB 6  
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 call sign is "Range Control". Your call sign is "**Range 15A**".
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 ceases fire.
3. Medical support evaluates/treats injured personnel.
4. Range OIC/RSO notifies the RCF with following minimum information:
  - Nature of injury.
  - Number of personnel injured.
  - Victim conscious/unconscious.
  - 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.

NOTE: For all Urgent (life/limb/sight threatening) and Priority (non-life threatening) cases that require specialized treatment and transportation, the injured will not be moved by unit medical personnel or safety vehicle unless directed to do so.



**Installation Range Safety Officer**

**Date: 19 August 2022**