

WTBN SMALL ARMS TACTICAL (SAT) RANGE

SOP

RANGE DESCRIPTION

SAT Range (formerly known as "HRP" and WTBn Range 5) is an active, small arms, live-fire range located at Grid 89236802. It is accessible from Willis Road. It is a range complex consisting of four individual shooting bays. Bays 1, 2, and 4 can accommodate target stands for paper targets, a variety of approved steel reactive targets (SRT) and head plate racks. Bay 3 is a mock-up of an urban area and can accommodate target stands for paper targets, a variety of approved SRT, and head plate racks. Max range is 50M.

Primary Use: Critical Shooting Skills Training

Alternate Uses: Multipurpose Small Arms Range/Foreign Weapons Training

NOTE: Use of SRT and plate racks located on the range must be coordinated with Weapons Training Battalion (WTBn).

DOWN RANGE MOVEMENT INTO THE IMPACT AREA (BEYOND THE IMPACT BERM) IS PROHIBITED





GENERAL RANGE INFORMATION:

Number of Firing Points: Multiple. The number of weapons that can be fired from the firing line at once will depend on the type of weapon system, its size and the space needed to safely operate it.

WEAPONS ACCOMMODATED

- Pistol
- Shotgun
- Service Rifle
- Infantry Automatic Rifles
- Approved Foreign Weapons

AMMUNITION AUTHORIZED

- Pistol (All)
- Shotgun (Birdshot, Buckshot, Slug)
- 5.56mm (All)
- 7.62mm (All)
- SESAMS
- Approved Foreign Ammunition (Up to 7.62 X 54R)

TARGETS/SIMULATORS/DEVICES:

- Paper/plastic targets (provided by unit)
- Approved Steel Reactive Targets (provided by unit or coordination with WTBn).

PRIMARY DIRECTION OF FIRE. North West. All targets must be placed between the red/yellow striped poles located at the impact berm in each bay. The primary firing line for each bay is indicated by red/yellow poles. All firing must be kept between these markers. Firing at angles greater than 30 degrees is prohibited.

Bay 1



Bay 2



Bay 3



Bay 4



ADDITIONAL RANGE INFORMATION:

SPECIAL INSTRUCTIONS/COMMENTS

1. The only weapons and ammunition approved for use on this range are listed in this SOP. There shall be no deviations from or modification to the approved weapons and ammunition.
2. All targets and firing must be kept between the red/yellow poles located in each bay. Firing at extreme angles or across each bay is prohibited and will create unsafe conditions on adjacent ranges. Schemes of maneuver that vary from this configuration must be approved by RMB.
3. Using unit will check-in with WTBn S-3 and receive range brief and radios prior to occupying the range.
4. Red range flag is placed on the pole next to the range entry point. Red flashing light will be used for night firing.
5. The Officer-in-Charge (OIC) shall be the rank of Staff Sergeant or above and will be certified in accordance with MCB Range Regulations. The Range Safety Officer (RSO) shall be the rank of Sergeant or above and will be qualified in accordance with MCB Range Regulations.
6. If multiple bays are hot at once, there will be an individual RSO with each bay.
7. The RSO(s) must be physically present on the range at all times during live fire training and events.
8. Automatic fire is not authorized on SAT Range unless specifically coordinated with Range Control (Infantry Automatic Rifles), and then, is only approved for 6-9 round burst.
9. Strict inter-range and intra-range coordination and communication will be exercised to ensure personnel are not exposed to direct weapons fire or ricochet hazards.
10. There will be no personnel on adjacent ranges or bays forward of the targets on the bay being fired in on SAT Range. This must be coordinated through the adjacent range and WTBn S-3 via radio communication.
11. Personnel will not occupy any portion of the SDZs unless they are protected by ballistic artificial barriers/earthen berm or there is a range safety deviation activated for the range.
12. SAT Range will only support static engagements. Fire and Maneuver is not authorized. The only exception is firing on the move to support the

execution of the Marine Corps Combat Marksmanship Program Table 2-4 Short range engagements.

Any firing on the move will be conducted in the following manner:

-Movement will be restricted to walking straight forward, to the rear and simple button-hook techniques. (No fire team/individual rushes)

-There will be no more than two shooters per instructor/safety supervisor moving at a time. (Example: 7 shooters = 4 instructor/safety supervisors).

-There will be at least one target width separation between shooters.

-Targets will be no farther than 50m.

-Targets will be constructed from paper, plastic or wood. No steel targets engaged with 5.56mm/7.62mm closer than 100m.

-Single shot only, no automatic fire.

13. Firing on the move in Bay 3 will be supervised on a 1:1 shooter/instructor ratio.

14. Steel reactive targets are authorized on SAT Range in accordance with the Safety of Use Memorandum (SOUM) for SRT: SOUM 2-02. **NOTE*Steel cannot be fired on with 5.56mm or 7.62mm closer than 100m.**

15. Special Effects Small Arms Marking System (SESAMS) is authorized in accordance with MCO 3570.1C.

16. All four bays may be active at the same time except when SESAMS are being used.

17. WTBN SAT Range conflicts with use of WTBn R305 (on the right).

a. When Bays 1-3 of WTBn SAT Range are hot, personnel may not be downrange on Range 305 forward of the main firing line. The Range 305 firing line consists of the flat area from the bleachers to the first terrain drop off moving down range.

b. When Bay 4 of the WTBn SAT Range is hot, personnel may not occupy the left side of WTBn Range 305 (lanes 1-2).

c. Downrange movement on WTBn Range 305 is prohibited when the SAT Range is hot.

18. Units that do not occupy their range within two hours of their scheduled occupy time and have not contacted RMB/TSCQ will lose the use of that range for that day.

19. Units that have requested contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) that are not present on the specified range within 1 hour of the requested time and have not contacted RMB/TSCQ will forfeit all contracted support for the day.

20. Units that have occupied a range with approved contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) and that have not begun to use that support within 2 hours of the requested hour of operation will forfeit all contracted support for the day.

21. Units that are training with contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) that place themselves voluntary into check fire for 2 hours or more during the approved support operational hours will forfeit all support for the day.

NOTE: Units that encounter situations where contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) is delayed or interrupted by circumstances beyond the control of the requesting unit (i.e., RMB directed check fire, ASP support, MEDEVAC, etc.) must contact RMB/TSCQ in order to arrange continued support within the scope of the contract and available assets.

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: 1 Used for observation. (removed pneumatic target comment)
Bleachers: 1 (Bay 1)
Sheds: 1
Ammo Breakdown table: 1
Parking: Limited

UTILITIES AVAILABLE

Electricity: Yes
Lights: Yes
Water System: None

INSTALLED COMMUNICATIONS. None

Nearest MEDEVAC Landing

MILES

Zones (LZ)

1/2

8810067600 (Range 4)

Directions: Exit SAT Range, turn right on Willis Rd and go approx 1/4 mile, turn right on to Garand Rd. Range 4 LZ will be on the left.

LASERS AUTHORIZED. Standard issue targeting lasers (Class 3R or lower) attached to weapon. Class 3B can be fired if safety filter is on, reducing power output.

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 XX" (name of range, training area or facility unit is occupying).
3. The primary RCF Fire Desk frequencies are: ELMR talk group "RC Safety" (ground) and 323.7 AM UHF (air)
4. The secondary RCF Safety Net 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 or WTBn 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.

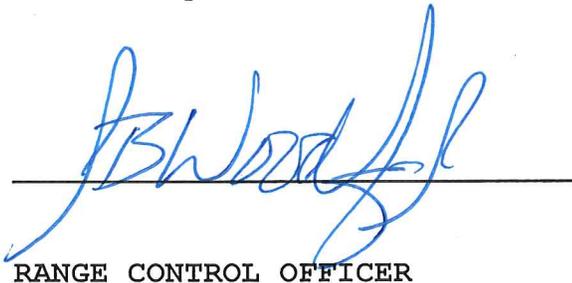
3. URGENT. Urgent injuries are severe injuries that are threatening to life, limb, or eyesight and require immediate medical attention.

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. OIC/RSO notifies S-3/OOD of injury .
4. S-3/OOD dispatches corpsman
5. Medical support evaluates/treats injured personnel.
6. OIC/RSO notifies the RCF of the injury, stating briefly what happened, the extent of the injury and what type of MEDEVAC transportation needed (ground/air).
7. Maintain constant radio contact with Range Control and await further instructions.

*Minor injuries and illnesses requiring routine field medical services need not be reported to RMB but should be reported in unit training logs.



RANGE CONTROL OFFICER

DATE: 14 JUNE 2016