

RANGE 5 SOP

RANGE DESCRIPTION

Range 5 is an active; small arms fire and movement range located at Grid 81506540. It is accessible from Route 610.

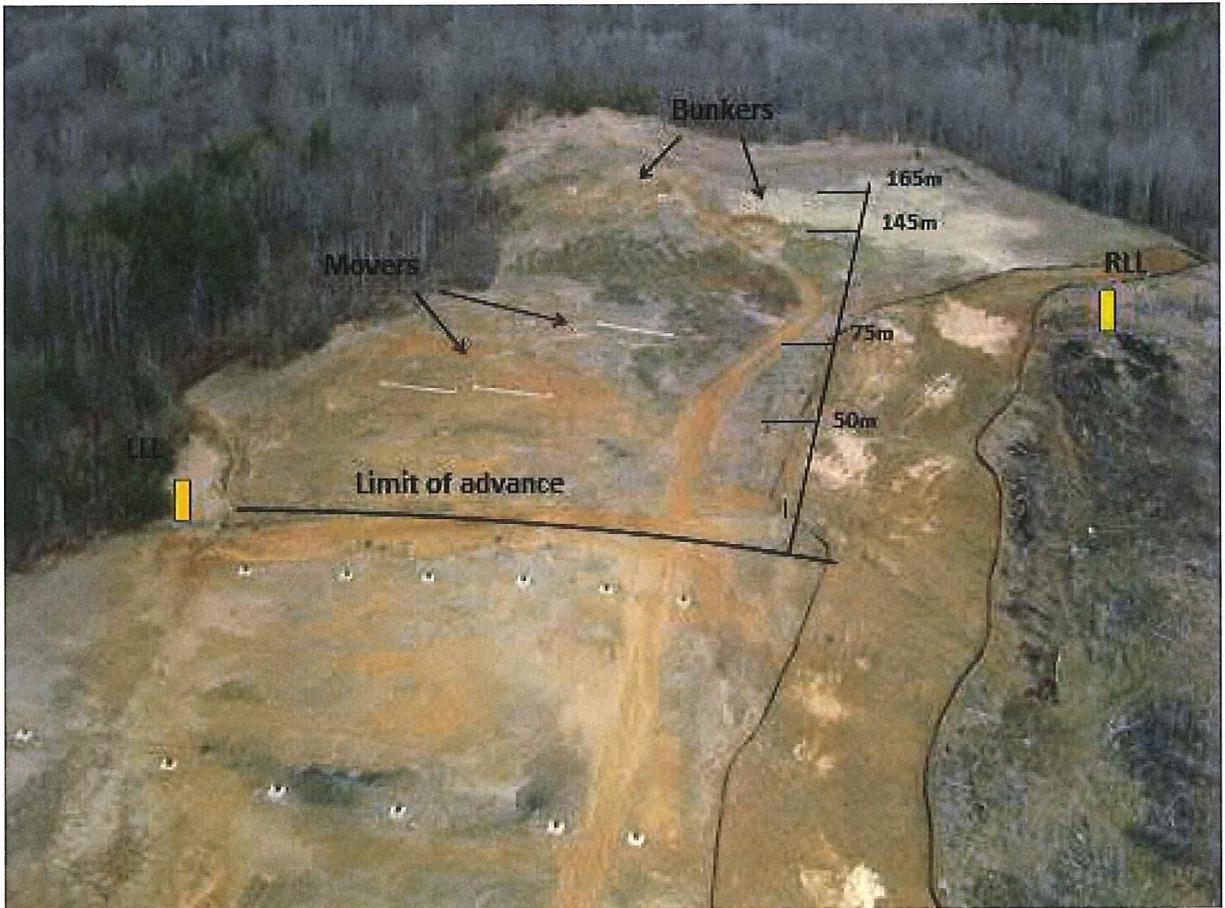
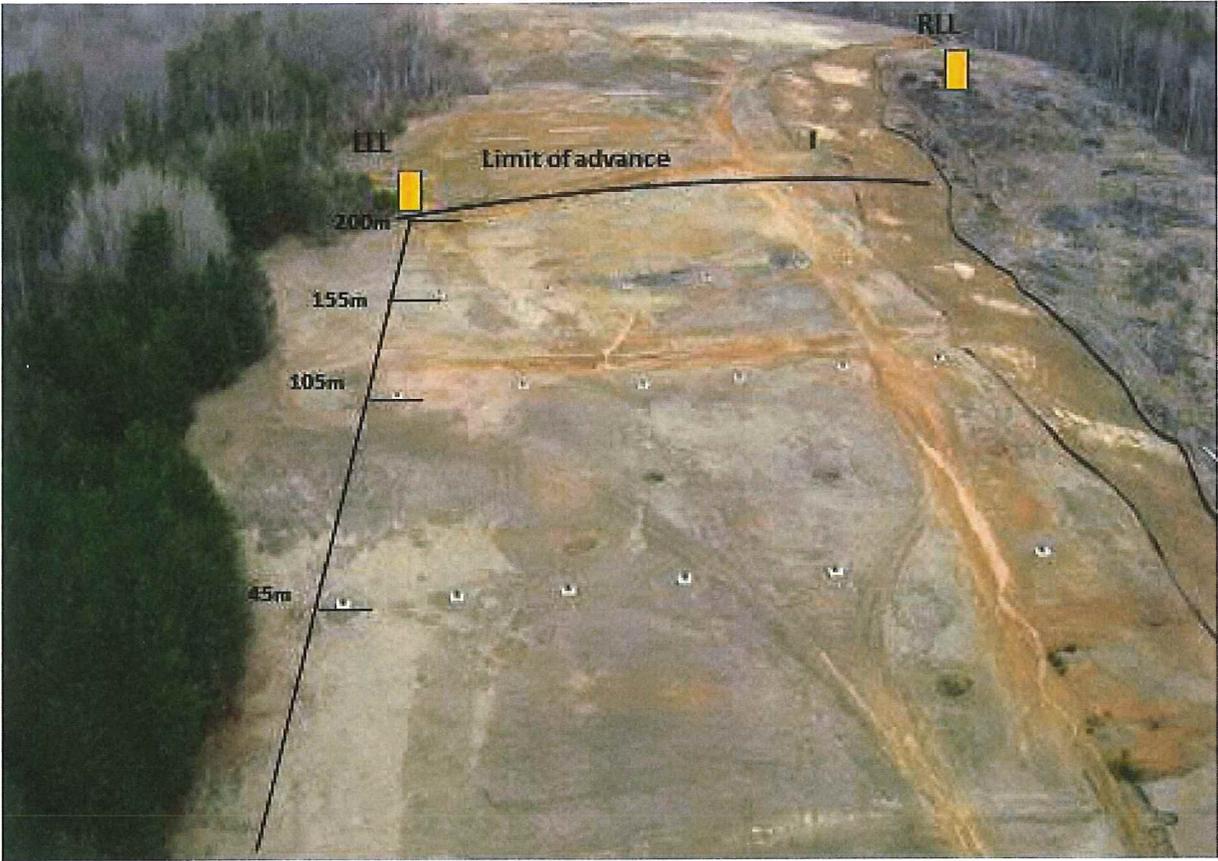


INFORMATION

Description:	Fire and movement	0-400m
Status:	Active	
Location:	81506540	
Number of Firing Points:	Multiple	

RANGE USES

Primary Use:	Fire and movement range for squad-sized units.
Alternate Uses:	Static small arms.



WEAPONS ACCOMMODATED

- Pistol
- Shotgun
- 40mm grenade launcher, handheld
- Grenades (practice/illumination)
- Service Rifle
- Light and Medium Machine Guns
- M40A3/A5
- Approved foreign weapons up to 7.62X54R
- Automatic Rifles
- AT-4/LAAW (Trainer)
- SMAW Spotting Rifle
- 60mm Mortar

AMMUNITION AUTHORIZED

- 5.56mm (All)
- 9mm (All)
- Shotgun
- 7.62mm (All)
- 40mm (illum/prac/smoke)
- Pyrotechnics/Artillery simulator
- 1/4 lbs TNT
- Grenade Prac/Illum
- Approved foreign ammunition up to 7.62X54R
- AT-4/LAAW Trainer Rounds
- SMAW Spotting Round
- 60mm Mortar (Illum, practice)

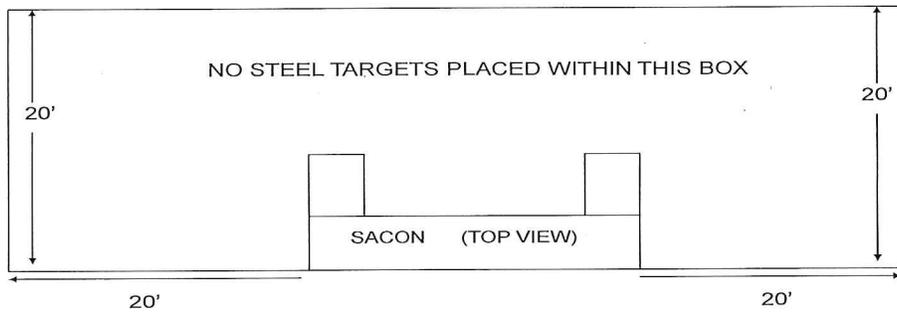
TARGETS/SIMULATORS/DEVICES

- 28 Individual battery-operated RETS targets with SACON protective walls.
 - 3 RETS moving targets with SACON protective walls.
 - 3 RETS targets inside SACON bunkers.
- Users can also provide own targets. Approved ballistic steel targets are authorized, however, cannot be placed adjacent to, or within 20 feet of the existing RET targets. Targets must be constructed of Brinell AR-500 reducing power output.

RANGE 5 TOWER



STEEL TARGET PLACEMENT



PRIMARY DIRECTION OF FIRE. North

RANGE USE RESTRICTIONS/COMMENTS

1. Only weapons and ammunition listed in this document will be used on this range.
2. OIC and RSO must be present while live fire is in progress.
3. All brass, trash, targetry and materials will be removed completely at the end of training by the using unit. This includes any materials used to place targets on.
4. Ensure range flags are posted, ear protection is worn (eye protection for steel), safety brief is given, Range Control contacted and all fires are directed between the left and right lateral limits markers (black and white striped).
5. Fire and maneuver is not authorized. Fire and movement (rushes) is authorized.
6. Multiple demo beds are in place to simulate incoming fire when conducting fire and movement. Units must remove metal caps from the ends of the 1/4 lbs TNT in order to minimize damage to sand bags. Units must clean all debris from demo pits as well as refill and rake sand flat. Artillery simulators may be used to substitute for 1/4 lb TNT.
7. Personnel moving downrange MUST remain 1 meter away from the edge of the demo pits.
8. Hazards of Electromagnetic Radiation to Ordnance (HERO) sensitive munitions are commonly used on this range. It is the Range Officer in Charge/Range Safety Officer (ROIC/RSO) responsibility to understand all capabilities and limitations of their munitions.
9. Steel targets are authorized if placed in accordance with the steel target placement diagram in this range SOP. Steel targets will not be placed where bullet splash will come in contact with automated target systems. **Steel targets will not be engaged with 5.56 or 7.62 closer than 100 meters.**
10. Targets are limited to wood, paper, plastic, approved steel and the automated targets. No other targets will be used such as bowling pins, clay targets, cans, etc. **No targets will be placed where the SACON protective walls become backstops.**
11. 60mm mortars are authorized (training and illumination only). Training mortars will not be handled by the training unit. EOD is the only unit authorized to supervise the removal of TP mortars.
12. 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.
13. 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.

14. 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.

15. Units that are training with contractor support (i.e., automated targets, PITS targets, battlefield effects simulators, etc.) that place themselves voluntarily into check fire for 2 hours 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.

FACILITIES (Number of Each)

Towers: 1

Sheds: 1

Ammo Breakdown: 1

Parking: Yes

Description of Other Structures: Bleachers and porta johns

UTILITIES AVAILABLE

Electricity: In tower

Lights: No

Water System: No

INSTALLED COMMUNICATIONS. None

MEASURED DISTANCES

<u>MEASURED DISTANCES</u>	<u>MILES</u>	<u>MGRS</u>
Range Control	5.5	87406360
TBS	5.5	87106390
WTBN	6.0	87806740
ASP	7.5	91256605
EMT/Fire (Fire House 3)	6.5	89606710
Mainside Gate	9.5	94406440
Camp Upshur	11.5	80007850
Nearest MEDEVAC LZ	0.1	81526562 (LZ LOON)

DIRECTIONS TO MEDEVAC LZ: LZ Loon is located on Range 5 itself.

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

AREA SUITABILITY

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

GEOGRAPHICAL DATA

Access Routes: Road entrance from Routes 610 and 644
Soil Type: Dirt/Gravel
Terrain Type: Level
Vegetation: Grass

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:

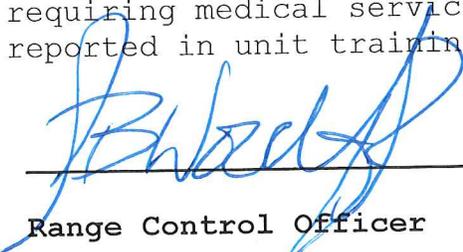
Injuries are classified into the following categories in order to aid in casualty evacuation from the RTA.

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.

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



Range Control Officer

Date: 10 AUG 2016