

# **RANGE 14G**

## **SOP**

### **RANGE DESCRIPTION**

Range 14G is an active multipurpose small arms range located at grid 18STH8713073837. It is accessible from MCB 1.

Primary Use: Law Enforcement-style small arms firing/qualification range.

Alternate Uses: 6m elevated platform for targets out to 100m for rifle.

Priority Use: U.S. Drug Enforcement Agency.

Max firing distance: 50m main bay/100m (rifles from tower).

Number of Firing Points: 55

### **Main Firing Line and Targets**



- 3 banks of 15 targets (1-45) and 1 bank of 10 targets (46-55).
- Can be used simultaneously or independently.
- Must be returned to original condition, all divots in gravel raked flat.

### **Parking**



- Parking is limited.
- Access to the down range area is through the left side (orange barriers).
- Only vehicles allowed forward of the access point will be for emergency response, contractor support, or those designated as training devices.

Tower and Storage (Front)



Tower and Storage (Back)





## Bleachers



-Red and White Lights.

## Classroom (exterior)



-Keys for the Classroom must be requested in RFMSS under the Communications Tab of the Training Systems Support Desk (TSSD).

### Classroom (interior)



- Seating for 44 personnel.
- Power and climate controlled.
- No multi-media.
- Must be swept and mopped after use.

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

- Service shotguns
- Service pistols
- Service rifles
- Sniper Rifles up to 7.62 X 51mm
- Approved foreign weapons
- Approved pyrotechnics and illumination when fire conditions allow.
- 40mm hand-held grenade launchers
- Approved R & D weapons

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

- Shotgun (All)
- Pistol (All)
- 5.56mm (All)

- 6.8mm
- 7.62mm X 51mm Ball
- 7.62mm X 51mm Special Ball (.308)
- 7.62mm X 39mm and other approved foreign ammunition
- 40mm Grenade Illum only
- Approved frangible ammunitions
- Special Effects Small Arms Marking System (SESAMS) ammunition

**TARGETS/SIMULATORS/DEVICES.**

- This range has 55 automated targets that must be requested for use under "R-14G Support Services" in the Training Systems Support Desk (TSSD) when the range is requested in RFMSS.
- Target support must include the type of holder required: Curved for plastic "Ivan" style targets or flat w/metal poles for paper targets.
- Targets are limited to unit provided paper, plastic, and approved steel reactive targets (SRTs).
- All SRTs must be a minimum thickness of 3/8" and constructed of AR-500 or greater steel.
- SRTs will not be engaged closer than 100m with 5.56mm or 7.62mm.
- EPR ammunition (M855A1 and M80A1) is not authorized for use on SRTs.**
- 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 TSSD targets  
100 meters for unit-owned targets
- 7.62mm Ball/link: 150 meters for TSSD 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 TSSD targets  
100 meters for unit-owned targets
- 7.62mm x 54R: 150 meters for TSSD targets  
100 meters for unit-owned targets

**PRIMARY DIRECTION OF FIRE:** Southwest 236 degrees

**RANGE USE RESTRICTIONS/COMMENTS:**

1. Only weapons and ammunition listed in this document or specified in RFMSS will be fired on this range.
2. The OIC and RSO must be present during firing.
3. If no live fire is taking place, only an OIC is required.
4. All range regulations and this SOP will be strictly adhered to.

5. Ensure range flags are posted, ear protection is worn (eye protection for SRTs), safety brief is given, Range Control contacted and all fires are directed between the left and right lateral limits markers.
6. Targets are limited to unit provided paper, plastic, and approved SRTs. No other targets will be used to include bowling pins, clay targets, etc.
7. SRTs will not be engaged with rifles on the graveled area of this range unless using frangible ammunition. Rubber matting will be placed under the targets to catch projectile splash when engaged by approved weapons.
8. SRTs can be engaged with Sniper rifles (ball ammunition) when firing from the tower at targets placed on the dirt berm behind the turning target system. SRTs must be placed a minimum of 20' from the back of the turning target system to protect from splash and spalling.
9. All SRTs must have the required 20 degree down angle or set to fall on easy contact.
10. Multiple target engagement on this range is restricted to three targets to the direct front of the shooter or one target to either side of their assigned target. Example: Shooter on firing point 2 can engage target 1 to their left and target 3 to their right in addition to target 2 at their direct front. All other cross firing is prohibited.
11. Using a vehicle as a training aid is authorized provided the following is strictly adhered to:
  - Must be coordinated with Range Control and approved in RFMSS.
  - The vehicle must be stationary. Firing from a moving vehicle is prohibited.
  - The vehicle will not be used as a target.
  - Targets will not be placed inside the vehicle.
  - Vehicle will be placed on a tarp to collect any bits of glass when fired from inside the vehicle.
  - When firing from inside the vehicle all fires must be oriented down range.
  - Vehicle will have wheels chocked, drip pans or pads used to collect any fluid leaks, and unit will have a spill kit on hand.
  - Ballistic mats will be used on the hood, roof, and trunk to mitigate ricochet hazards by increasing "offset".
  - Units will thoroughly clean the area where the vehicle was placed and rake the tracks made.
  - All vehicles will be removed from the range or stored out of plain view and covered by tarp or more secure means.
12. All brass, trash, target and other materials will be removed completely at the end of training by the using unit. This includes any materials used to emplace the targets.

13. 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.

14. 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.

15. Units that have occupied a range with approved contractor support (automated targets, PITS targets, 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.

16. Units that are training with contractor support (automated targets, PITS targets, 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 (automated targets, PITS targets, 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.

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

**APPLICABLE MAP SHEET.** All grid coordinates listed in this order apply to the Quantico Military Installation Map V834S Edition 5-NGA 1:25000.

**FACILITIES (Number of Each)**

Head/Latrine: None  
Towers: 1  
Sheds: 1  
Ammo Breakdown: none  
Parking: Limited  
Bleachers: 1  
Classroom: 1

**UTILITIES AVAILABLE**

Electricity: Yes  
Lights: Yes  
Water System: None

**INSTALLED COMMUNICATIONS.** PA System with remote microphone.

**MEASURED DISTANCES**

	<b><u>MILES</u></b>	<b><u>MGRS</u></b>
Range Control	8.1	87406345
TBS	8.1	87106390

ASP	7.1	91256605
EMT/Fire (Fire House 3)	5.0	89606410
Nearest MEDEVAC LZ	0.1	87457370 (LZ Harrier)

**Directions to MEDEVAC LZ:** Exit Range 14G, turn right on MCB-1, go approximately 200ft, turn left into open field (LZ Harrier).

**LASERS AUTHORIZED.** Class 1 - 3R. Standard aiming devices mounted on approved weapon systems. Class 3B can be fired if safety filter is on, reducing power output.

**AVAILABLE DAYS/HOUR** 0500-2200. All other times require airspace requests.

**AREA SUITABILITY**

<u>Unit Type</u>	<u>Unit Size</u>	<u>Number of Units</u>
Law Enforcement	Squad	1

**GEOGRAPHICAL DATA**

Access Routes: MCB 1  
 Soil Type: Dirt/crushed gravel  
 Terrain Type: Small rolling hills  
 Vegetation: Grass/Woodland

**PRIMARY DIRECTION OF FIRE:** WSW

**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 14 Golf**".
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.

*MW Dankovich*

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**Installation Range Safety Officer**  
**Date: 29 June 2022**