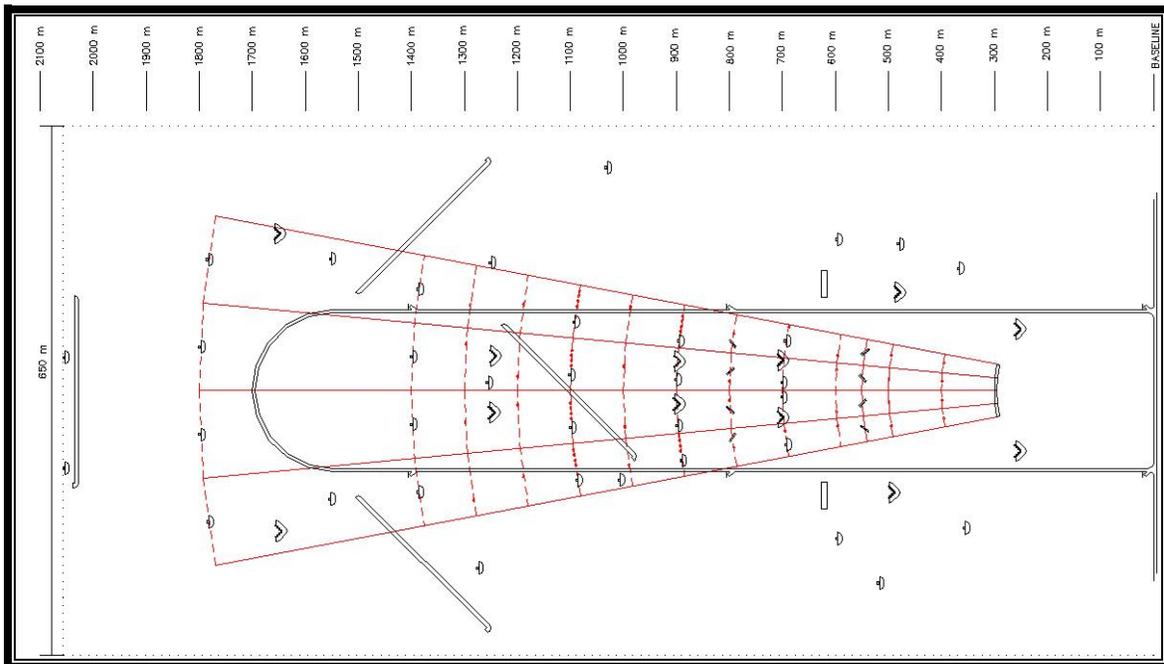


SCOUT/RECCE RANGE NARRATIVE DESCRIPTION



Scout Range Layout

Purpose: The information in this document is based on Draft 2006 TC 25-8 Training Ranges (DRAFT) dated 2006, FCC 17858. This range is used to train and test scout vehicle crews on the skills necessary to detect, identify, engage and defeat stationary/moving infantry and stationary/moving armor targets in a tactical array.

In addition to the vehicle course, there are four lanes of Multipurpose Machine Gun (MPMG) qualification lanes. These lanes are used to train and test soldiers on the skills necessary to zero, detect, identify, engage and defeat Stationary Infantry Targets (SITs), Moving Infantry Targets (MITs), and Stationary Armor Targets (SATs) in a tactical array with the individual and crew served weapons organic to a scout platoon or company/troop.

This range can also be used for training with sub-caliber and/or laser training devices.

Primary features include:

- 35 Stationary Armor Targets
- 4 Moving Armor Targets
- 12 Stationary Infantry Target (SITs) emplacement clusters. Each cluster consists of 7 SITs
- 54 Stationary Infantry Target emplacements (individual)
- 8 Moving Infantry Targets (MITs)
- 2 Facades
- 1 Lane: 2 course roads in 1 lane
- 6 Defilade firing positions per lane; 3 firing positions per course road

Layout:

- 35 Stationary Armor Targets
- 4 Moving Armor Targets
- 12 Stationary Infantry Target (SITs) emplacement clusters. Each cluster consists of 7 SITs
- 54 Stationary Infantry Target emplacements
- 8 Moving Infantry Targets (MITs)
- 2 Facades
- 1 Lane: 2 course roads in 1 lane
- 6 Defilade firing positions per lane; 3 firing positions per course road

Layout: The Scout/Recce Range occupies an area of ground approximately 650 meters wide by 2100 meters deep. Approximately 300m from the baseline, centered between the course roads are 4 2-man fighting positions used for the MPMG lanes. This area does not include the ROCA facilities. Refer to the Layout Details in the Appendix of this document for a typical Scout/Recce Range layout.

Course Roads: The Scout/Recce Range has 2 course roads approximately 1700 meters in length. The course roads are separated approximately 300 meters. Refer to the Civil Details in the Appendix of this document for detailed course road information.

Firing Positions: Each course road has 3 defilade firing positions. The placement of the defilades is based on current gunnery standards, line of site to the targets and terrain. Refer to the Civil Details in the Appendix of this document for detailed defilade firing position information.

There are 4 2-man fighting positions for the MPMG lanes.

Targetry: All targets are fully automated, utilizing event-specific, computer-driven target scenarios and scoring. Targets receive and transmit digital data from the range operations center. The captured data is compiled and is available to the unit for use during the after action review meeting.

The targetry on the Scout/Recce Range is placed in a tactical array that supports the current gunnery training standards. Targets are emplaced based on line of sight from the vehicle firing positions, MPMG fighting positions, and from maneuver sections of the course roads.

The Stationary Infantry Targets (SITs), the Moving Infantry Targets (MITs), and 5 Stationary Armor Targets per MPMG lane are sited in a tactical array according to the specifications for the Multipurpose Machine Gun Range FCC 17833.

The Stationary Infantry Target (SIT) clusters have a set of 7 SITs emplaced in a tactical array.

The Moving Armor Targets (MATs) have a movement capability of 350 meters and are also capable of evasive movement techniques.

The Scout/Recce Range has 2 building façades. The façades have emplacements for 7 SITs.

Refer to the Civil Details in the Appendix of this document for detailed information of the targetry on the Scout/Recce Range.

Associated Range Operations and Control facilities:

Urban Clusters are not applicable.

Associated Range Operations and Control facilities:

Standard Armor ROCA Facilities except:

Range Operations Center-Large (17124) is replaced with Range Operations Center-Small (17123)

Requirement Documents:

FM 3-20.8 Scout Gunnery

FM 3-22.9 Rifle Marksmanship M16A1, M16A2/3, M16A4, and M4 Carbine

FM 3-22.10 Sniper Training

FM 3-22.27 Mk 19, 40mm Grenade Machine Gun, Mod 3

FM 3-22.31 40mm Grenade Launcher M203

FM 3-22.65 Browning MG Caliber 50 HB M2

FM 3-22.68 Crew Served MGs 5.56mm and 7.62mm

Additional Information: This complex uses thermal targets, night illumination devices, and hostile-fire, target-kill, and visual flash simulators. Location of the bore sight must be coordinated with the trainer. Gunnery tasks requiring the usage of dud producing ammunition cannot be fired on the complex. Provisions for these tasks must be made in impact areas adjacent to the complex.