

**WEST RANGE (WRG)
STANDING OPERATING PROCEDURE
JAN 2016**

1. RANGE LOCATION: UM 86056 13528

2. GENERAL.

West Range contains three (3) combined automated, computer-scored ranges in one range location.

a. Multi-Purpose Machine Gun: Lanes 1-8

- 1) 5.56mm and 7.62mm on all 8 Lanes.
- 2) .50 Cal. on Lanes 1-4 only.

b. Automated Sniper Field Fire Range: Lanes 1-4

- 1) All Lanes support up to .50 Cal. ammunition
- 2) 20 pre-constructed Iron Maiden gravel pads

c. Heavy Sniper Range: Engagement House and Lane 1

-5.56mm up to .50 Cal. ammunition

d. Range Operations and Control facilities include:

- 1) Range Operations Control Room/Classroom/Covered Mess/Latrines building
- 2) Range Operations Control Tower
- 2) Ammunition Breakdown Building
- 3) AAR Bleacher Enclosure

NOTE: Two range types may not be reserved in RFMSS simultaneously. Example, Heavy Sniper Range cannot be reserved and operated at the same time as the MPMG, etc.

3. TRAINING CAPABILITIES.

A. MPMG:

This Range is intended to train and test Soldiers on the skills necessary to zero, detect, identify, engage, and defeat Stationary Infantry Targets (SIT), Moving Infantry Targets (MIT), and Stationary Armor Targets (SAT) in a tactical array using the M2 HB Machine Gun, M249 Squad Automatic Weapon (SAW); and the M240 Machine Gun. All Tripod- and Vehicle-Mounted Machine Gun Tables can be performed on this Range.

All targets are fully automated and the event-specific target scenario is computer-scored from the Tower. The Range operating system is fully capable of providing immediate performance feedback to the using participants.

NOTE: Left Limit: West-side Lane 1 Lane Markers. Right Limit: < Orange Arrow (East-side Lane 8 Lane Markers).

WARNING: Firing at the Heavy Sniper Range Façade is not authorized.

Primary Features include:

8 Firing Lanes

Stationary Armor Targets

Stationary Infantry Targets (Single and/or Double-Arm Target Silhouette)

Moving Infantry Targets

Zero Target Frame Boots are placed 10 meters out from the Firing Line

Additional information:

M2 in MPMG Firing Lanes 1-4 ONLY

M249 and M240 in Lanes 1-8

Target distances:

Lanes 1-4=100m to 800m (every 100m), 1200m, and 1500m (+/- 200m)

Lanes 5-8=100m to 800m (every 100m)

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B. Sniper Automated Field Fire Range:

This range is used to train and test Soldiers on the skills necessary to detect, identify, engage, and defeat Stationary Infantry Targets (SITs) and Moving Infantry Targets (MITs) in a tactical array. This range is designed to satisfy the training and qualification requirements of the M24 Sniper Weapon System, M107 Long-Range Sniper Rifle, M110 Semi-automatic Sniper Weapon System, and the M2010 Enhanced Sniper Rifle.

All targets are fully automated (excluding the Iron Maidens) and the event-specific target scenario is computer-scored from the Tower. The Range operating system is fully capable of providing immediate performance feedback to the using participants.

NOTE: Left Limit: West-side Lane 1 Lane Markers. Right Limit: East-side Lane 4 Lane Markers.

WARNING: Firing at the Heavy Sniper Range Façade is not authorized.

Primary Features include:

- 4 firing positions (Lanes 1-4)
- 32 stationary infantry targets
- 24 moving infantry targets
- 20 iron maiden targets

Additional information:

5.56mm, 7.62mm Ball, 7.62mm Match Grade, and .50 Cal. ammunition types are authorized.

C. Heavy Sniper Range:

This Range is intended to train and test Soldiers on the skills necessary to detect, identify, engage, and defeat Stationary Infantry Targets (SITs), Stationary Armor Targets (SATs), and Moving Armor Targets (MATs) in a tactical array. This Range satisfies the training and qualification requirements of the M107 Long-Range Sniper Rifle.

All targets (excluding Iron Maidens) are fully automated, and the event-specific target scenario is computer-scored from the Tower. The Range operating system is fully capable of providing immediate performance feedback to the using participants.

**NOTE: This Range encompasses firing from the Urban Engagement House AND Lane 1.
Left Limit: 3 Green Arrows. Right Limit: East-side Lane 1 Lane Markers.**

Primary Features include:

- Façade with 3 SITs
- 3 SITs
- 14 SATs
- 2 MATs
- All automated targets in Lane 1
- A Standard Zero Target is located at 500 meters
- Iron Maidens in Lane 1 may be utilized

Two-Story Urban Engagement House:

This building is for the Heavy Sniper Range use ONLY. Blanks are authorized inside the building. Simunitions, NLW, CCMK, and Paintball are NOT authorized inside the building. Rooftop firing is authorized.

Rappelling is NOT authorized. Roof Safety Railings are installed ONLY to meet mandatory OSHA Regulations.

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4. REFERENCES.

These Manuals must be present on the range. They are Range Safety Inspection inspectable items.

- a. FM 3-22.68 Crew-Served Machine Guns, 5.56mm and 7.62mm (JUL 2006)
- b. FM 3-22.65 Browning Machine Gun, Caliber .50 HB, M2 (MAR 2005)
- c. TC 3-22.10 Sniper Training and Operations (JUN 2009)
- d. TM 9-1005-239-10 Long Range Sniper Rifle, Caliber .50, M107 (NOV 2010)
- e. TM 9-1005-306-10 7.62mm M24 Sniper Weapon System (JUN 1989)
- f. TM 9-1005-342-10 M110 Semi-Automatic Sniper System, 7.62mm (OCT 2007)
- g. TM9-1005-438-13&P M2010 Rifle, .300 WIN MAG Sniper System (03 JUN 2013)
- h. Current CRTC Range Regulation

5. PERSONNEL REQUIREMENTS AND RESPONSIBILITIES.

- a. OIC MUST be an E-7 or above
- b. RSO MUST be an E-6 or above
- c. Medical Support Personnel:
 - 1) This Range is required to have a MOS 68W Qualified Medic or a Nationally Certified EMT.
 - 2) Must have a fully supplied Aid Bag, Litter or Backboard, a dedicated medical evacuation vehicle with litter/backboard carrying capability, and an operational radio capable of communicating with Range Control.
 - 3) Nearest Heli-pad Location for this Range is: **X-9 UM 86597 13618.**

6. EQUIPMENT.

- a. Iron Maidens will be emplaced on the prescribed locations only, upon request.
- b. Portable Target Stands are stored on north side of the Urban Engagement House.
- d. Paper Targets are available at Range Control.
- e. Staplers are hand receipted from Range Control.
- f. Two (2) TYPE 10 BC Fire Extinguishers are located in the Ammunition Building.
- g. Range Flag is hand receipted from Range Control.
- h. Flashlights for the ARSOs are located in the Tower.
- i. ARSO Safety Paddles and Safety Vests are located in the Ammunition Building.

7. AMMUNITION.

Authorized Ammunition: 5.56mm through .50 Cal.

8. PREPARATION.

- a. The OIC and RSO inspect the Range for cleanliness and serviceability prior to opening the Range. Report any defects immediately to Range Control.
- b. Perform a Communications Check with Range Control to ensure that both forms of communication are operational prior to Range Operations.
- c. The OIC opens the Range utilizing the appropriate Range Opening/Closing Checklist with Range Control.
- d. The RSO conducts a Range Specific Safety Briefing with all Range Support personnel and Firers.
- e. The OIC and/or the RSO ensure that ARSOs are distinguishable (i.e., Safety Vests, strip of Engineer Tape, etc.) from the Firers.

9. RESTRICTIONS/CONFLICTS.

- a. B-1 .50 Cal. SDZ conflicts with WRG Target Area
- b. B-2 .50 Cal. SDZ conflicts with WRG Target Area
- c. CRG will conflict with WRG Target Area
- d. ERG may conflict with WRG Target Area
- e. NRG .50 Cal. SDZ conflicts with WRG Target Area
- f. WRG conflicts with the northwest corner of CRG Target Area (Church and two SATs)

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10. EXECUTION.

- a. Snipers must Check Fire the Range prior to going down range to check or “dope” targets.
- b. Units with a Targets on “BOB” RFMSS Range Reservation will NOT have Tower access. Contact ATS for target issues.
- c. During standard Automated Range Operations, all Range Commands will come from the OIC.
- d. The RSO ensures that all weapons are cleared prior to entering and exiting the Firing Areas.
- e. All personnel must be continually alert for all conditions, acts, or actions that might constitute a Safety Hazard.
- f. “CEASE FIRE” will be called for any observed unsafe act, or when one form of communication has been lost with Range Control.
- g. Call for “CEASE FIRE”, and then notify Range Control IMMEDIATELY for any type of Aircraft within the Range SDZ.
- h. Notify Range Control IMMEDIATELY when a Range Fire ignites. Unit personnel are NOT authorized to extinguish Range Fires. The Range will be placed in Check Fire Status upon the arrival of Range Control or Camp Ripley Fire Department personnel. Unit personnel may be asked to assist with Firefighting Operations due to staffing constraints.
- i. Misfires will be handled IAW applicable TMs for the weapons being fired.
- j. When firing is complete, the ARSOs will ensure weapons are Cleared and on Safe.

11. CLOSING/CLEARING PROCEDURES.

- a. Perform a Police Call. Clean the Classroom, Ammunition Building, and AAR Bleacher Enclosure.
- b. Contact Range Control to Close the Range, utilizing the Range Opening/Closing Checklist.
- c. Ensure that a POC and a small Cleaning Detail are on-site to clear the Range with ATS or Range Control.
- d. Return all hand receipted items to Range Control.