

RANGE AND TRAINING REGULATIONS

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| Range: R-223B | Left from grid 6167 9170 at 360 degrees mag Right from grid 6181 9162 at 026 degrees mag Lateral Limits: NOTE: 50 cal. Rifles & Machine Guns must maintain a right limit of 016 degrees mag. | Min 3 meters (weapon dependent) Max 850 meters for target feedback 1,400 meters for static targets | | |
| | | Range Facilities: Control tower, vaulted head facility, covered bleachers, range building, ammo distribution building, indoor classroom, public address system | | |
| Location: 6171 9167 | Boundaries: Maneuver area - from 6167 9170 to 6167 9200 to 6178 9223 to 6191 9249 to 6208 9245 to 6213 9228 to 6209 9195 to 6181 9162 | Allowable Wpns: Rifles, .50 cal and below; pistols, .45 cal and below; shotguns; Machine guns, .50 cal. and below; M203 (pyrotechnics and TP; SMAW; AT-4; Mortars (illum only – Requires RCO Brief), TOW (EMOIC Only) | | |
| Type: Multi-Purpose Machine Gun | Troop Penetration Line: 1400 meters | Impact Area: Zulu Impact Area | Range Phone Number(s): (760) 763- 0690 and 725-4805 | Assigned to: CO, MCB Date Revised: 8 August 2007 |

General Instructions

1. **A safety Brief will conducted prior to each live fire event to all participants.**
2. IOT occupy this range unit must have the following personnel/equipment:
 - RSO
 - Corpsman & Safety Vehicle
 - Positive Communication with LONGRIFLE
 - If ammunition is present on range - Ammo Guards will be armed.
3. IOT go into a hot status on range unit must have the following personnel/equipment:
 - OIC
 - RSO
 - Corpsman & Safety Vehicle
 - Positive Communication with LONGRIFLE
4. **RSO will verify the left and right lateral limits utilizing a compass and map.**
 - Overall range lateral limits will be identified.
 - Each firing position lateral limits will be identified.
5. The RSO & OIC will personally observe each live fire event.
6. **A signed ORM must be on hand IOT conduct training.**
7. **A non-participating Corpsman will be stationed with safety vehicle.**
8. **A full rehearsal will be conducted prior to live fire.**
9. **Unit is required mark/post signs for any lateral limits and/or MSLs listed in this brief if not already marked/posted.**
10. **Minimum engagement distances for RETS or PITS targets is as follows:**
 - 25 meters – 5.56mm
 - 100 meters – 7.62mm and above
 - Use of .50 Caliber and above weapons on PITS targets is not authorized.
 - Use of .50 Caliber and below (Ball or 4+1 Only) on RETS ranges is authorized.
 - Use of .50 Caliber RAFUS (A606) on RETS ranges is only authorized on vehicle targets.
 - **Targets will not be exposed for a period longer than 30 seconds.**

At no time will any unit go from live fire to blank or SESAMS force-on-force within a 24 hour period

11. At any time Range guards are required, they will be posted in pairs with positive communication with the RSO.

12. Ammunition will only be issued per event and accounted for on NAVMC 11381.
13. After each event, unit leaders will conduct a line out.
14. Each RSO will certify to the OIC that all weapons are in Condition 4 prior to exiting the range and all ammunition is accounted for.
15. Helmets and flak jackets shall be worn for the following live fire training events:
 - Live fire and movement/maneuver.
 - High explosives or grenades.
 - Machineguns.
 - Close Quarters Battle in shoot houses.
16. Ensure all weapons are cleared and inspected prior to departing the firing line.
17. All weapon malfunctions shall be corrected per the appropriate TM/FM, and unit SOP.
18. Weapons cleaning gear is hazardous waste, and shall not be placed in the trash. The items should be collected and returned to their HazMat representative, or to their local Armory for proper disposal. Unit/Area representatives are below.

AREA = 25, 33, 41, 43, 51, 52, 62, 63, and 64 - (725-0213)

AREA = Mainside, 22, 23, 26 and H (Hospital) - (725-9745)

AREA = Camp Del Mar, and 20 - (725-9742)

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SPECIAL INSTRUCTIONS

1. The using unit is responsible for policing and leveling of road surface when disturbed by vehicles.
2. Shooting on the move in vehicles is only authorized for vehicles that have a stabilization system. Stabilized Vehicles shall not exceed 10 mph while firing.
3. Free -gunning is NOT allowed on this range.
4. No vehicles are allowed on fixed firing point and target berms.
5. **.50 Caliber rifles & machine guns will only fire from the left berm.**
6. **.50 cal rifles & machine guns shall only engage targets to the left of the .50 cal RLL marker.**
7. **A606 is only authorized for use on vehicle targets.**
8. For all EMP training;
 - a. All EMP targets must be of softwood uprights, cardboard backing paper or cardboard targets.
 - b. Any metal bases used must be soft metal.
9. All MG BZO and 10/12.5 meter qualifications:
 - a. No metal supports or targets are permitted on this range.
Any engineer stakes used for pallets must be placed on the outside edges of the pallets.

Dismounted Attacks

| Control Measures | Movement Box |
|---|---|
| AA - 61684 91482 Attack Pos. #1 - 61707 91608 LOD Grid - 61779 91647 to 61662 91709 | SFL -61664 91715 to 61784 91649 LLL 17 deg. mag. RLL 20 deg. mag. LOA - 61959 92001 to 61902 92025 |

Additional Safety Measures for Dismounted Live Fire & Movement

A safety Brief will conducted prior to each live fire event to all participants.

Range Guards will be placed in pairs with positive communication with the RSO.

All targets utilized must be “Knock Down – Stay Down” type targets.

Marines in maneuver element will go to:

1. Condition 3 at the Atk Position
2. Condition 1 at the LD
3. Condition 4 at the LOA

The RSO & OIC will personally observe each live fire event.

There will be additional safety personnel assigned as follows:

1. A PSO will travel in trace of each Team.
2. Each PSO will have positive communication with the RSO.

Ammunition will only be issued per event.

After each event, unit leaders will conduct a line out.

Each PSO & the RSO will certify to the OIC that all weapons are in Condition 4 prior to exiting the range.

LOA Grid
61959 92001 to
61902 92025

LOD Grid
61779 91647 to
61662 91709

SFL Grid
61664 91715 to
61784 91649
LLL 17 deg. mag.
RLL 20 deg. mag.

Attack Pos. #1
61707 91608

AA
61684 91482



RANGE AND TRAINING REGULATIONS

Mounted Attack Procedures

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|--|--|---|
| <p>Control Measures</p> <p>AA – 61741 91622 MSL – 15 degree rule in effect Evolution will utilize left and right lateral limits as defined in the brief. Unit will move from AA and start run on “race track” forward of berm. IED (LX21) can be set off to initiate ambush. Vehicles will move on line at SBF positions and engage assigned targets. Maneuver element will only maneuver to the left of the SBF vehicles. .50 Cal MGs will only engage targets within the LLL & RLL for SBF-A.</p> | <p>Support By Fire</p> <p>SBF-A .50 Cal or 7.62mm 61812 91873 LLL 360 mag RLL 016 mag 15° or 10 0m rule in effect Hose clamps must be used as positive stops to prevent crossfire. Min Safe Line will be marked by White Engineer tape during day, chem. lights at night.</p> | <p>SBF-B 7.62mm Only 61845 91855 LLL 360 mag RLL 026 mag 15° or 100m rule in effect Hose clamps must be used as positive stops to prevent crossfire. Min Safe Line will be marked by White Engineer tape during day, chem. lights at night.</p> |
| <p>Additional Safety Measures for Mounted Attack</p> | | |
| <p>A safety Brief will conducted prior to each live fire event to all participants. At no time will anyone climb on top of a target berm. Targets will not be engaged any closer than 25 meters. All targets utilized must be “Knock Down – Stay Down” type targets. Marines in maneuver element will go to: 4. Condition 3 at the AA. 5. Condition 1 at the Race Track 6. Condition 4 at the LD Marines with the SBF will only upload and down load weapons at the SBF Position. All SBF Wpns will go to condition 4 prior to anyone crossing the min safe line. The RSO & OIC will personally observe each live fire event. There will be additional safety personnel assigned as follows: 3. A PSO will travel in trace of each Squad. 4. An ARSO will be assigned to each SBF position. 5. Each PSO and ARSO will have positive communication with the RSO. Ammunition will only be issued per event. After each event, unit leaders will conduct a line out. Each RSO will certify to the OIC that all weapons are in Condition 4 prior to exiting the range. A non-participating Corpsman will be stationed with an ambulance. A full rehearsal will be conducted prior to live fire. Signed ORM must be on hand IOT conduct training.</p> | | |

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SBF A
.50 Cal or 7.62mm
61812 91873
LLL 360 mag
RLL 016 mag

IED
61755 91790

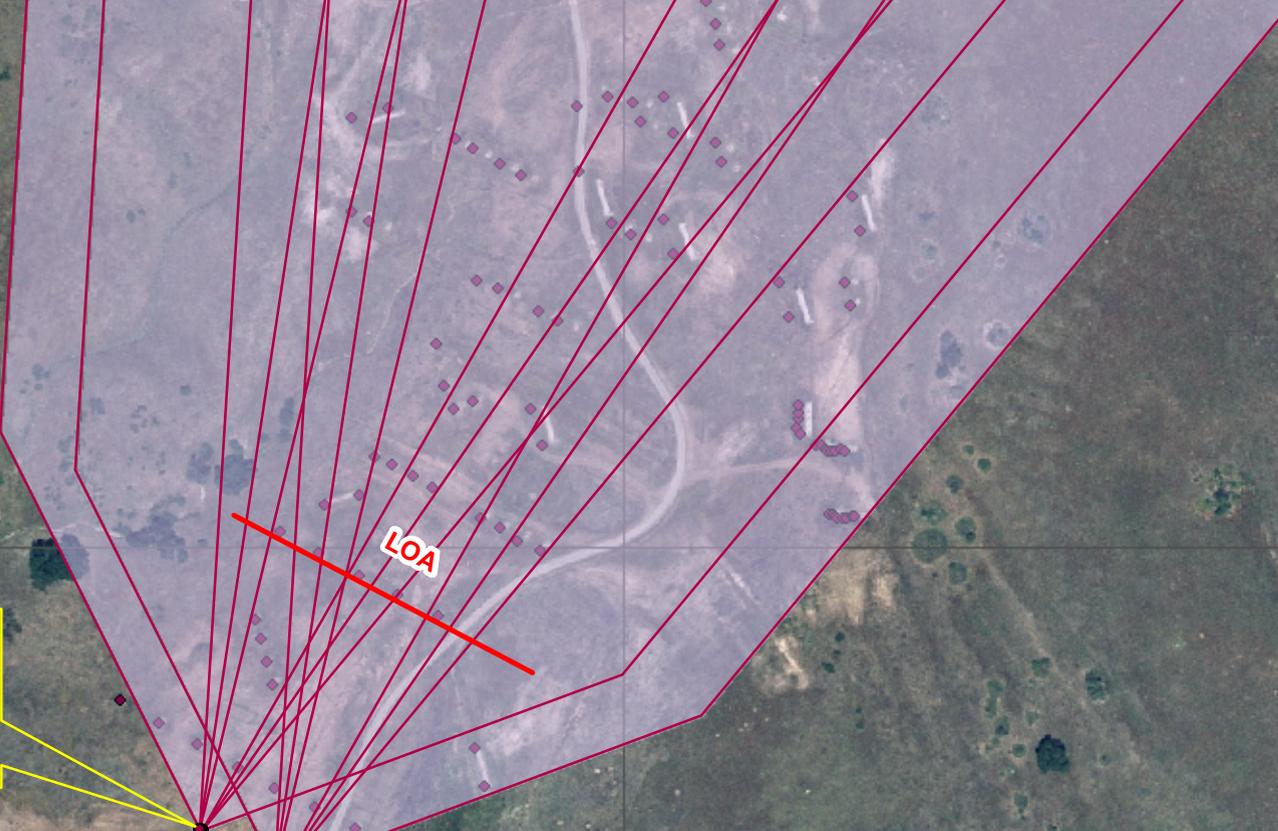


SBF B
7.62mm Only
61845 91855
LLL 360 mag
RLL 026 mag

62

223B

AA
61741 91622



LOA

RANGE AND TRAINING REGULATIONS

TOW Firing Procedures

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| <p>Concept</p> <p>All fires will be cleared by RSO prior to engagements. At no time will any Marine climb on top of any target berm. ALL wire must be recovered. <i>A safety Brief will conducted prior to each live fire event to all participants.</i> Before firing any TOW missile, the entire SDZ will be cleared of all non-mission-essential personnel. <i>Only those personnel actively engaged in firing and controlling TOW missiles as specified in appropriate FMs and TMs will be permitted in the SDZ. Missionessential personnel directly associated with but not actively engaged in the firing of TOW missiles may be located at protected sites within Area H, such as behind earthen berms.</i> Personnel will neither stand nor permit any part of their body to be directly behind or in front of the TOW launcher while a missile is in the launch tube. <i>All missiles will be tested using the missile test set as part of the overall system pre-fire checks.</i></p> | | <p>Control Measures</p> <p>R223B Firing Line: 62020 92482 to 62118 92438 R223B lateral Limits: LLL – 015 degrees mag (028 grid) RLL – 029 degrees mag (042 grid) TOW (SOUM 1-04) SOUM 1-04 provides guidance and direction for units wishing to conduct training TOW Missiles (PB93, PB97, PB99, PD62, PU68 & WF10) Use of TOW Protective Blanket is required for all missile firings except LAV-AT. The OIC shall ensure that the RSO is familiar with SOUM 1-04.</p> |
| <p>Bounding</p> <p>Vehicles will be staged at grid 6174 9163 behind a covered area where begin bounding to grid 61977 92277. Once they have reached grid 61977 92277 they can begin the patrolling exercise to the hot position</p> | <p>Patrolling</p> <p>Vehicles will be staged at grid 61977 92277 behind a covered area where they will load and begin patrolling. <i>The missile will not be armed until the vehicle is static in the firing line.</i> Marines can initiate a patrolling formation around the vehicle. <i>All weapons will be in Condition 3.</i> Type of formation will be decided according to the given scenario.</p> | <p>Cold to Hot Positions</p> <p>Vehicles will be staged at grid 61977 92277 behind a covered area where we will be loading the missile. The vehicles will move from the cold position to the hot position. <i>The missile will not be armed until the vehicle is static in the firing line.</i></p> |

TOW Firing Line
62020 92482 to 62118 92438
LLL 015 deg mag
RLL 029 deg mag

End of Vehicle Bounding
Vehicle Cold Position
61977 92277

All Non Firing Personnel Remain Here

Vehicle Staging For Bounding
61748 91631

