

RANGE AND TRAINING REGULATIONS

Range: R-208C	Lateral Limits: 53730 96220 LLL – 000° magnetic 53770 96140 RLL - 056° magnetic	Min/max Engagement Distance: Min - 025 meters Max - 400 meters	Range Facilities: Observation Tower; port-a-johns; Bleachers
Location: 53760 96160	Impact Areas: Quebec, Jardine, Whiskey & TA Yankee		Assigned to: CO, MCB
Type: Offensive Combat Rng			Date Revised: 03 March, 2009
Troop Penetration: As listed below	Allowable Wpns: Rifles, 7.62 and below; pistols, .45 cal. and below; shotguns; MG's 7.62mm and below; M203 (Pyro & TP); AT-4; SMAW; Claymore; Mortars (Illum); APOBS		

Scheduling

1. All scheduling requests for R-208C shall be submitted via their battalion.
2. Units will utilize RFMSS to schedule range.

Scheduling Conflicts	Notes	Conflict Notes
Quebec, Jardine or Yankee	1	Note (1) – No Access Note (2) - See listed Training Options
Whiskey	2	Note (3) – Movement on R208C is Limited to 97 Grid Line When R203 is hot with .50 Caliber & below or Mk 19.
R208C	3 & 4	Note (4) - No Access Down range on R208C when R203 is hot with 25mm HEI-T

General Instructions

1. **A safety Brief will be conducted by the RSO prior to each event to all participants.**
2. **All personnel shall wear required PPE during all training events.**
3. **OIC & RSO Requirements -**
 - a. **APOBS/Claymore/Rockets**
 - i. **OIC Requirement – GySgt or Above**
 - ii. **RSO Requirement - SSgt or Above**
 - b. **7.62mm & Below/40mm TP**
 - i. **OIC Requirement – SSgt & Above**
 - ii. **RSO Requirement - Sgt or Above**
4. IOT **occupy** this range unit must have the following personnel/equipment:
 - a. RSO
 - b. Corpsman & Safety Vehicle
 - c. Positive Communication with LONGRIFLE
 - d. **An ORM reviewed and signed by the Command, RSO and (OIC - If using munitions).**
5. IOT go into a **hot status** on range unit must have the following personnel/equipment:
 - a. OIC
 - b. RSO
 - c. **LSSO (Sgt) – If using Laser**
 - d. Corpsman & Safety Vehicle
 - e. Positive Communication with LONGRIFLE
6. **POVs are authorized to park in parking lot area without a POV pass.**
7. The RSO & OIC will personally observe each event.
8. **A non-participating Corpsman will be stationed with safety vehicle.**
9. **At no time will any unit go from live fire to blank or SESAMS force-on-force within a 24 hour period**
10. **When Range guards are not in sight of the RSO they are required to be posted in pairs with positive communication with the RSO.**
11. Ammunition will only be issued per event and accounted for on NAVMC 11381.
12. After each event, unit leaders will conduct a line out.
13. Each RSO/PSO will certify to the OIC that all weapons are in Condition 4 prior to exiting the range/facility and all ammunition is accounted for.

Special Instructions Continued on Next page

RANGE AND TRAINING REGULATIONS

R208C Gate

Gate Locations:

- o 5384 9598- R208C Gate
- o 5760 0119- Southern Jardine Canyon Gate

The process for locking the gates is as follows:

1. The RSO will sweep R208C and ensure the SDZ is clear of all personnel and then will lock the R208C gate.
2. If the gate is not locked range guards shall be posted at with two-way radio communication with the RSO to prevent entry into the impact area.
3. No traffic/personnel shall enter R208C without the RSO's permission.
4. Units will supply their own locks and use the firelock as a link and secure their lock from the firelock to a link in the chain.

When occupying if the gate to Jardine canyon is found unlocked notify Longrifle immediately.

Training Option #1

Is only in conflict with Whiskey Air when utilizing 7.62mm

Concept	Firing Data
Static Firing line 7.62mm and below	53730 96220 to 53770 96140 LLL 000° mag RLL 056° mag
Additional Safety Measures	
1. All targets engaged must be lower than the firing line.	

Training Option #2

Is not in conflict with Whiskey Air

Concept	Firing Data
Movement will be made from AA to AP along designated route. All claymores will be fired from the AP. AA - 53778 95946	53811 96308 LLL 000° mag RLL 036° mag Claymore 53832 96324 DOF 031° mag
Additional Safety Measures	
<ol style="list-style-type: none"> 1. Marines in movement box element will go to: <ol style="list-style-type: none"> a. Condition 1 & 4 at the AP 2. There will be additional safety personnel assigned as follows: <ol style="list-style-type: none"> a. A PSO will travel in trace of each Team. 3. Each PSO will have positive communication with the RSO. 	

Training Option #3

Is only in conflict with Whiskey Air when utilizing 7.62mm

Concept	SBFs
Objectives will be attacked using the Frontal Assault with mechanical breach. LLL and RLL will be as per Range Regs.	All SBFs will have a NCO or SNCO with direct communication to the OIC. Will cease fire prior to any Marines maneuvering past breach sight.
Control Measures	Maneuver Box
AA: Unit Designated. Breach Site: 5406 9646	SFL 5409 9672 to 5412 9656 CFL/LOA 5426 9677 to 5425 9664. LLL: 037° mag RLL: 041° mag
SBF #1	
PDF – 034° 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 or other suitable material.	

Special Instructions Continued on Next page

RANGE AND TRAINING REGULATIONS

Additional Safety Measures
<p>Marines in maneuver element will go to:</p> <ol style="list-style-type: none"> 1. Condition 3 at the AA. 2. Condition 1 at the Breech Sight 3. Condition 4 at the Cease Fire Line <p>Marines in the SBF position:</p> <ol style="list-style-type: none"> 1. Marines with the SBF will only upload and down load weapons at the SBF Position. 2. All SBF Wpns will go to condition 4 prior to anyone crossing the min safe line. 3. All MG's will fire registration fires that will be verified by the RSO prior to the exercise and the tripods will be left in place. 4. If utilizing M249 SAW, they shall be mounted on the tripod. <p>There will be additional safety personnel assigned as follows:</p> <ol style="list-style-type: none"> 1. A PSO will travel in trace of each Fire Team. 2. An ARSO will be assigned to each SBF position. 3. Each PSO and ARSO will have positive communication with the RSO.

Training Option #4		
Is only in conflict with Whiskey Air when utilizing 7.62mm		
Control Measures	SBF	Maneuver Box
<p>AA 53774 95954</p> <p>The Maneuver Element will make movement along Route Red to the SFL and load the LOD.</p> <p>SBF Continues on Route Red to SBF Position.</p> <p>MG Target: 54255 96737 to 54282 96692</p>	<p>53954 96521</p> <p>LLL 041° mag</p> <p>RLL 048° mag</p> <p>15° or 100m rule in effect</p> <p>Hose clamps must be used as positive stops to prevent crossfire.</p> <p>Min Safe Line will be marked by White Engineer tape during day, chem lights at night or other suitable material.</p>	<p>SFL/LOD</p> <p>53820 96341 to 53929 96054</p> <p>LLL 052° mag</p> <p>RLL 053° mag</p> <p>CFL/LOA</p> <p>54258 96545 to 54323 96341</p>
Additional Safety Measures		
<p>Marines in maneuver element will go to:</p> <ol style="list-style-type: none"> 1. Condition 1 at the AA. 2. Condition 4 at the CFL/LOA <p>Marines in the SBF position:</p> <ol style="list-style-type: none"> 1. Marines with the SBF will only upload and down load weapons at the SBF Position. 2. All SBFs will have a NCO or SNCO with direct communication to the OIC. 3. All MGs will fire registration fires that will be verified by the RSO prior to the exercise and the tripods will be left in place. 4. All SBF Wpns will go to condition 4 prior to anyone crossing the min safe line. 5. If utilizing M249 SAW, they shall be mounted on the tripod. <p>There will be additional safety personnel assigned as follows:</p> <ol style="list-style-type: none"> 1. A PSO will travel in trace of each team. 2. Each PSO will have positive communication with the RSO. 		

Special Instructions Continued on Next page

RANGE AND TRAINING REGULATIONS

Training Option #5		
Is only in conflict with Whiskey Air when utilizing 7.62mm		
Concept	Rockets	SBF
AA 53774 95954 Along Route Red . SBF Continues on Route Red to SBF Position. Maneuver Element Loads LOD at RP #1: RP #1 53910 96166 LOD 53820 96341 to 53929 96054 SFL 53951 to 96405 LLL 052° mag RLL 053° mag LOA 54258 96545 to 54323 96341 MG/Mortar Target 54255 96737 to 54282 96692 Increment Burn Site - 53850 96160	Rkt FP #1 54028 96351 PDF 044° mag Rkt FP #2 54128 96403 PDF 041° mag Rkt Target 54211 96457	All SBFs will have a NCO or SNCO with direct communication to the RSO. Weapons – M240G & M224 (Illum Only) 53954 96521 LLL 041° mag RLL 048° 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 or other suitable material.

Additional Safety Measures
Marines in maneuver element will go to: <ol style="list-style-type: none"> 1. Condition 1 at the AA. 2. Condition 4 at the CFL/LOA Marines in the SBF position: <ol style="list-style-type: none"> 1. Marines with the SBF will only upload and down load weapons at the SBF Position only. 2. All SBFs will have a NCO or SNCO with direct communication to the OIC. 3. All MGs will fire registration fires that will be verified by the RSO prior to the exercise and the tripods will be left in place. 4. All SBF Wpns will go to condition 4 prior to anyone crossing the min safe line. 5. If utilizing M249 SAW, they shall be mounted on the tripod. There will be additional safety personnel assigned as follows: <ol style="list-style-type: none"> 1. A PSO will travel in trace of each team. 2. Each PSO will have positive communication with the RSO.

Training Option #6	
Is not in conflict with Whiskey Air	
Concept	Firing Safety
APOBS FP: 54109 96653 DOF: 036° mag All personnel inside of Noise Hazard Arc must wear hearing protection.	All firing personnel will be in a prone position, at least 50 meters from the launch point, and 75 meters from the deployed grenades. Personnel without hearing protection shall not be permitted within the 1187 meters of the launch point.

Training Option #7	
Is in conflict with Whiskey Air when utilizing 5.56mm in the maneuver area or 7.62mm in the BZO Area	
Practice Grenade Qualification Course	SESAMS Area
53939 96073 to 53927 96154 53959 96204 to 54022 96136 Practice and non-lethal grenades shall be thrown in practice grenade bays only. The using unit shall police residue from these grenades. All personnel need to be wearing eye/hearing protection during this training.	53841 96180 to 53668 96448 53790 96514 to 53936 96264 1. SESAMS is only authorized in the designated area. 2. All fires and effects of fires must contain inside the designated engagement area. 3. All personnel must wear protective equipment IOT execute training. 4. A saw horse SESAMS sign will be posted at grid: 53900 96184. 5. Ensure all training is conducted IAW SOUM 1-02.

Special Instructions Continued on Next page

RANGE AND TRAINING REGULATIONS

<p>BZO Area</p> <p>54078 96219 to 54103 96199 LLL - 018° mag RLL - 018° mag All BZO, 10, and 30 meter qualification can utilize pallets with the engineer stakes placed on the outer edge of the pallets.</p>	<p>Maneuver Area</p> <p>SFL 54160 96159 to 54104 96243 CFL\LOA 54377 96410 to 54456 96299 LLL 045° mag RLL 051° mag Authorized Ammo 5.56 mm 40mm TP (B519 only) AT4 Practice Trainer Rockets will only be fired at the LOA at designated rocket targets. No pallets are authorized during target emplacement.</p>
<p>Control Measures</p> <ul style="list-style-type: none"> • The Practice Grenade Qualification Course, SESAMS Area, and Maneuver Area can be run concurrently. • The Practice Grenade Qualification Course, SESAMS Area, and BZO Area can be run concurrently. • The Maneuver Area cannot be occupied if the BZO Area is occupied/hot. 	<p>Additional Safety Measures</p> <p>Marines in maneuver element will go to:</p> <ol style="list-style-type: none"> 1. Condition 1 at the SFL. 2. Condition 4 at the CFL/LOA. <p>There will be additional safety personnel assigned as follows:</p> <ol style="list-style-type: none"> 1. A PSO will travel in trace of each team. 2. Each PSO will have positive communication with the RSO. <p>If multiple areas are used concurrently:</p> <ol style="list-style-type: none"> 1. One OIC, Safety Vehicle and non-participating Corpsman can be utilized. 2. Each Live Fire Area must have its own RSO. 3. Each RSO must have his own NAVMC11381.

Training Option #8 Is in conflict with Whiskey Air			
Concept	Firing Point	MG FPs	Overhead Fire
<p>From the Start Point (5366 9608) machinegun teams will maneuver from position to position. If overhead fire portion is utilized the unit shall ensure that the additional overhead fire safety measures, MCO 3570.1B and MCWP 3-15.6 section 8 will be adhere to.</p>	<p>FP #1-Bipod Fire FP #2-Bipod Fire FP #3-Tri-Pod Fire FP #4-Tri-Pod Fire Targets for FP #1-#3: Will have a positive terrain backstop to ensure all effects remain within the Quebec and Whiskey Impact Areas.</p>	<p>FP #1 53920 96080 LLL 006° mag RLL 029° mag FP #2 53900 96100 LLL 019° mag RLL 034° mag FP #3 53850 96160 LLL 016° mag RLL 042° mag</p>	<p>FP #4 – 53954 96521 LLL 044° mag RLL 076° mag Min Safe Line will be marked by White Engineer tape during day, chem lights at night or other suitable material. Only DoDIC A151 7.62mm ammunition will be utilized for this event.</p>

Special Instructions Continued on Next page

RANGE AND TRAINING REGULATIONS

Additional Safety Measures

Marines in maneuver element will go to:

1. Condition 1 at the AA.
2. Condition 4 at the CFL/LOA

Marines in the SBF position:

1. Marines with the SBF will only upload and download weapons at each SBF Position.
2. All SBFs will have a NCO or SNCO with direct communication to the OIC.
3. All MGs will fire registration fires that will be verified by the RSO prior to the exercise and **the tripods will be left in place.**
4. All SBF Wpns will go to condition 4 prior to anyone crossing the min safe line.
5. **If utilizing M249 SAW, they shall be mounted on the tripod.**

There will be additional safety personnel assigned as follows:

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

Additional Safety Measure for Overhead Fire

1. **Only DoDIC A151 7.62mm ammunition will be utilized for this event.**
2. Rates of fire will not exceed 70 rounds per minute. Tracer ammunition may be used to assist in monitoring Projectile paths.
3. Use depression stops to prevent the muzzle of the gun from being accidentally lowered below the limit of safety and hose clamps must be used as positive stops to prevent crossfire.
4. Do not fire overhead fire through trees, which are likely to deflect bullets into friendly troops.
5. Do not use worn barrels or barrels that show evidence of previous overheating.
6. Do not deliver overhead fires without use of tripod and T&E mechanism; tripod must be firmly emplaced.
7. Do not deliver overhead fire if the range from the gun to target is less than 350 meters or exceeds 850 meters.
8. The commanders of troops that are required to move beneath overhead fires must be informed that such fires are planned.
9. Ensure that all members of the gun crew are aware of the safety limit.
10. Do not allow cones of fire to cross over the heads of friendly troops.
11. **Application of leader's rules requires that the guns be accurately zeroed.**
12. **Since the trajectories of the M240G tracer ammunition are unpredictable beyond 750 meters (which results from the round becoming unstable as the tracer material burns out), do not use tracer ammunition for overhead fires beyond this range.**
13. **When the friendly troops reach the safety limit, firing ceases.**
14. Applicable ballistic tabular firing tables will be used to determine the minimum angle of elevation for all overhead fire.
15. Projectiles will not be permitted to impact between the **firing position** and unprotected troops **downrange**.
16. **All impacts shall be at least 30m beyond the personnel most distant from the weapon.**
17. **Positive stops must be used to prevent crossfire and depression of weapon systems during overhead firing.**
18. **Weapon systems will be test fired before delivery of overhead fire to verify the effectiveness of positive traverse and depression stops.**
19. All firing will be conducted from a ground-mounted tripod using the M142 mount.
20. Mounts and weapon systems will be inspected by qualified field maintenance personnel (Amour w/PFI) before being declared safe to deliver overhead fire.
21. **A minimum vertical clearance will be maintained.**
 - **Leaders rule Safety angle (mils) – 24.**
 - **The safe line will be established by applying the leaders rules of 24 clicks of depression using the T&E.**

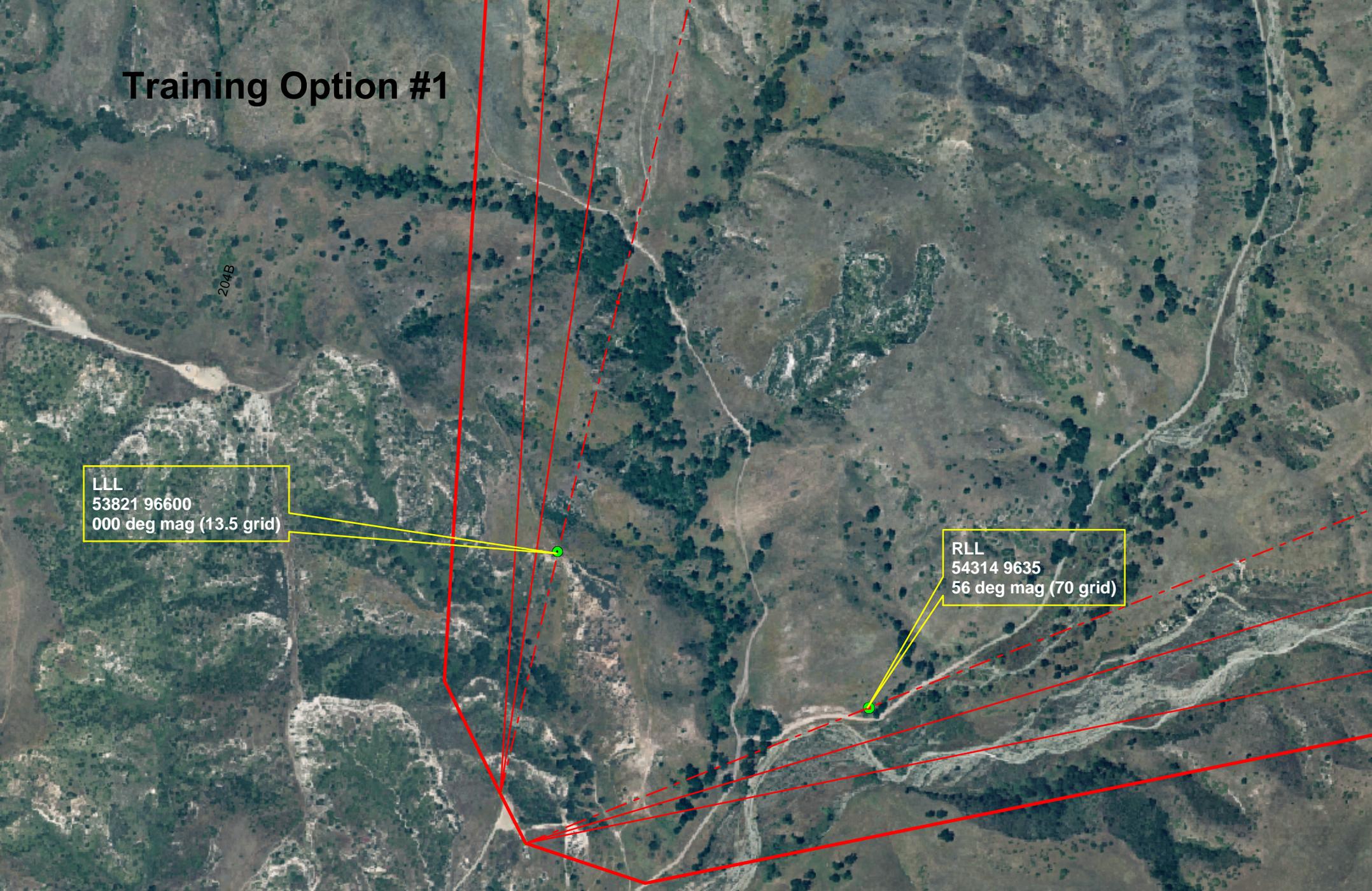
Special Instructions Continued on Next page

Training Option #1

204B

LLL
53821 96600
000 deg mag (13.5 grid)

RLL
54314 9635
56 deg mag (70 grid)



Training Option #2

AP
53811 96308
LLL 000 mag
RLL 036 mag

Claymore
53832 96324
DOF 031 mag

Route from AA to AP

AA
53778 95946

96

54

208C

210G

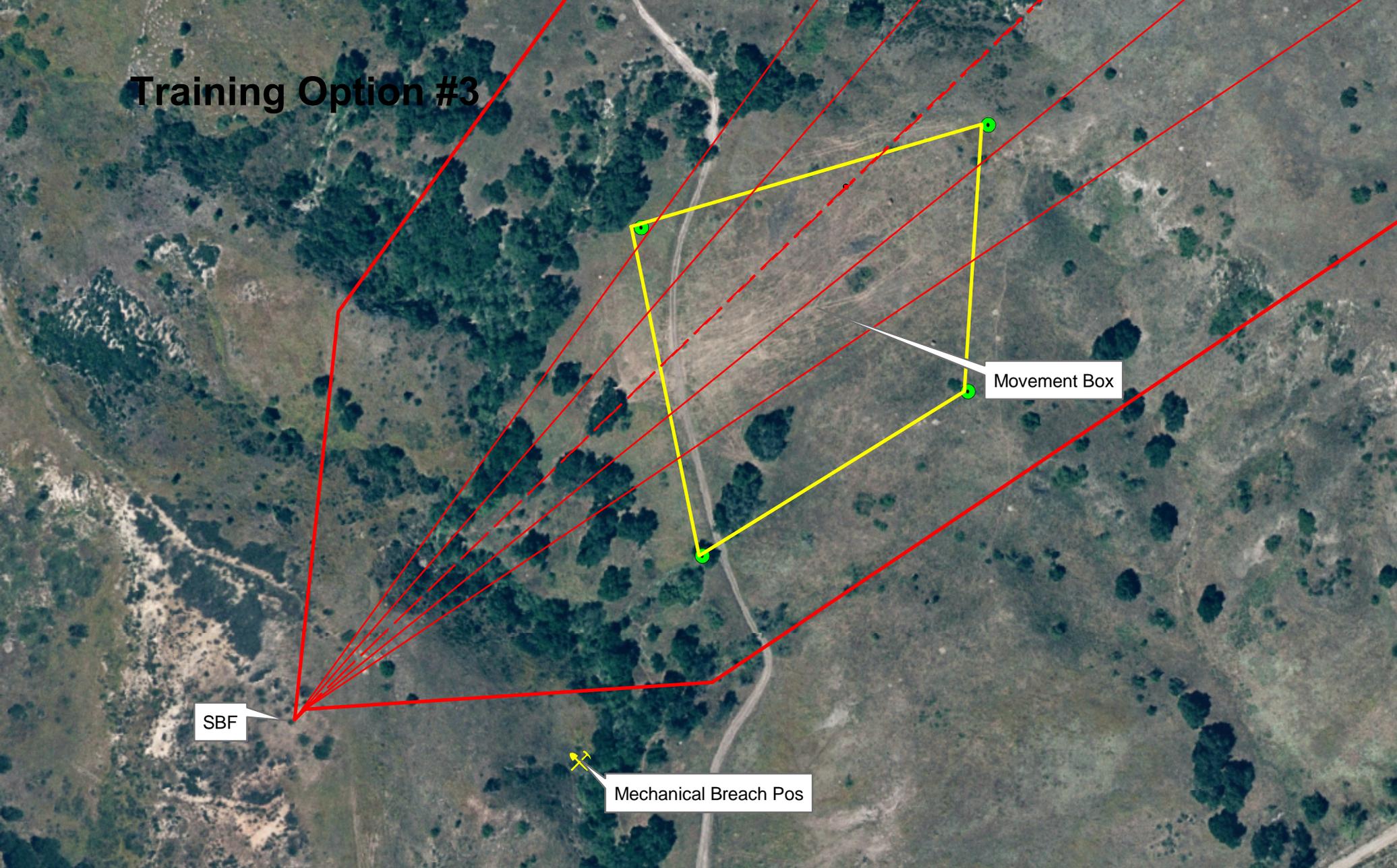


Training Option #3

SBF

Mechanical Breach Pos

Movement Box



204B

Training Option #5

SBF M240G/60mm Illum Only
53954 96521
LLL 41 deg mag
RLL 48 deg mag

LOD
53820 96341
to
53929 96054
LLL 52 deg mag
RLL 53 deg mag

RP #1
53910 96166

AA
53774 95954

SFL
53951
to
96405
LLL 52 deg mag
RLL 53 deg mag

MG and Mortars Targets
54255 96737
to
5482 96692

LOA
54258 96545
to
54323 96341

Rkt Target
54211 9645

Rkt FP #2
54128 96403

Rkt FP #1
54028 96351

210G



Training Option #6

204B



FP 54109 96653
DOF 036 deg mag

208C

210G

Training Option #7

SESAMS Area
53841 96180 to 53668 96448
53790 96514 to 53936 96264

BZO Area
54070 96146 to 54045 96164
54078 96219 to 54103 96199
LLL 18 deg mag
RLL 18 deg mag

Practice Grenade Qualification Course
53939 96073 to 53927 96154
53959 96204 to 54022 96136

Manuver Area
54160 96159 to 54104 96243
54377 96410 to 54456 96299
LLL 45 deg mag
RLL 51 deg mag
5.56 mm
40mm TP (B519)
AT4 Practice Trainer

FP #4
53954 96521
LLL 044° mag
RLL 076° mag
For Overhead Fire Only A151 DoDIC is authorized.

Training Option #8

FP #3
53850 96160
LLL 016° mag
RLL 042° mag

FP #2
53900 96100
LLL 019° mag
RLL 034° mag

FP #1
53920 96080
LLL 006° mag
RLL 029° mag

54

96

55