

## Special Instruction

<b>Range:</b> R-215A	<b>Lateral Limits:</b> Left from grid 5671 9404 at 356° mag Right from grid 5694 9395 at 013° mag	<b>Min/max Engagement Distance:</b> Min 3 meters (weapon dependent) Max 1,000 meters	<b>Range Facilities:</b> Assembly area, control tower, operations office/storage building, classroom, ammunition distribution building, vaulted head facility, 30 Stationary Infantry Targets, 17 Moving Infantry Targets
<b>Date Revised:</b> 29 September 2008			
<b>Location:</b> 5677 9400	<b>Boundaries:</b> As briefed and approved by the RCO.		
Type: Offensive Field Firing, BZO & EMP	<b>Impact Area:</b> Whiskey		
<b>Troop Penetration</b> Line: 1,200 meters	Phone #s: (760) 725-0194 (tower) And 725-0195 (office)	<b>Allowable Wpns:</b> Rifles, 7.62 and below; pistols, .45 cal. and below; shotguns; machine guns, 7.62 and below; M203 (pyrotechnics and TP); SMAW (inert only); AT-4 (trainer only); mortars (illum only); FX SESAMS	

### Scheduling

- All scheduling requests for R-104B shall be submitted via their battalion. Unit will utilize RFMSS to schedule range.
- When conducting Force-on-Force no shooting member shall have conducted live fire within 24 hours of this event.

Scheduling Conflicts	Notes	Conflict Notes
Whiskey Impact	1	Note (1) – 7.62mm and Above
R214	2	Note (2) - Only targets on the right side of the center range road on R215A will be used when R214 is in a Hot Status.
R216	3	
Note (3) - R216 Must Be Scheduled In Order to Use Mortar Option #1		

### GENERAL INSTRUCTIONS

- A safety Brief will be conducted prior to each live fire event to all participants.
  - All personnel shall wear required PPE during all training events.
  - OIC & RSO Requirements -
    - Live Fire and Maneuver, Rockets & SESAMS
      - OIC Requirement – GySgt or Above
      - RSO Requirement - SSgt or Above
    - Static Fire & Blanks
      - OIC Requirement – SSgt or Above
      - RSO Requirement - Sgt or Above
    - No Munitions
      - OIC Requirement – None
      - RSO Requirement - Sgt or Above
      - LASER (If Used) LSSO Requirement - Sgt or Above
  - IOT occupy this range unit must have the following personnel/equipment:
    - RSO
    - Corpsman & Safety Vehicle
    - Positive Communication with LONGRIFLE
    - An ORM reviewed and signed by the Command, RSO and OIC.
  - IOT go into a hot status on range unit must have the following personnel/equipment:
    - OIC
    - RSO
    - LSSO – If using Laser
    - Corpsman & Safety Vehicle
    - Positive Communication with LONGRIFLE
  - POVs are authorized to park in parking lot area without a POV pass.
  - The RSO & OIC will personally observe each event.
  - A non-participating Corpsman will be stationed with safety vehicle.
  - Ammunition will only be issued per event and accounted for on NAVMC 11381.
  - After each event, unit leaders will conduct a line out.
  - 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.
- All weapon malfunctions shall be corrected per the appropriate TM/FM, and unit SOP.

## Special Instruction

### SPECIAL INSTRUCTIONS

1. For the established static firing line, a 14-foot striped pole, in front of stationary infantry target (SIT) 101, represents the left lateral limit.
2. M203 pyrotechnics, smoke and TP (DODIC B519) shall be employed at the identified targets for this weapon system only.
3. SMAWs/AT-4s shall be employed at the identified targets for these weapon systems only. The employment of HE rockets may be authorized by the RCO.
4. If dud mortar illumination rounds are encountered in the maneuver area, dud locations shall be marked. Notify LONGRIFLE for EOD support.
5. This range is a COMTS range. All units shall coordinate with the contractor at least 48 hours prior to training event.

**NOTE: During night live, all lateral limits shall be illuminated. The lights must be visible by all participating and safety personnel.**

6. When target emplacement is required beyond limit of movement box, **the RSO from R215A will conduct a face-to-face with the RSO from R218A** to coordinate a mutually agreed time for emplacement. Target emplacement will not take more than 30 minutes at any time.
7. **When R-210G is in a hot status, no personnel on R215A will maneuver down range further than 300 meters (14 foot pole). The RSO from R210G will verify through LONGRIFLE, that the RSO from R215A has been notified of this restriction.**
8. All EMP Training will be conducted within the depicted firing line.
9. 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.
10. All M249/M240G BZO and 10 meter qualification will be conducted using pallets set on the field firing line.
  - a. Any engineer stakes used for pallets must be placed on the outside edges of the pallets.
11. Mortar increments will be burned in the center of the road (grid 56781 9005) abeam of the "FINAL COORDINATION" sign (see graphics).
  - a. Burned in single Row
  - b. No more than 10 total
  - c. **Burning increments is authorized in all FDR conditions.**

## RANGE AND TRAINING REGULATIONS

Attacks	Rockets	SBF
<p>Maneuver elements will conduct attacks inside their respective movement boxes as depicted on the attached graphics.</p> <p>Range fan limits are identified from the extreme left and right of the maneuver boxes.</p> <ul style="list-style-type: none"> <li>• A four by four white sign marks the left limit.                             <ul style="list-style-type: none"> <li>○ <b>LLL Sign</b></li> <li>○ <b>56794 94439</b></li> </ul> </li> <li>• A four by four red sign marks the right limit.                             <ul style="list-style-type: none"> <li>○ <b>RLL Sign</b></li> <li>○ <b>57216 94450</b></li> </ul> </li> <li>• When maneuvering through the first 300 meters of the range, a 14-foot striped pole, in front of stationary infantry target (SIT) 101, represents the right limit for the left movement box and a left lateral limit for right movement box.</li> </ul> <p><b>Marines in the right movement box will not engage any targets until they are a breast of the SBF Position.</b></p> <p>Additionally, no targets will be exposed to the maneuver element in the right box until they have met the above requirements.</p> <p><b>15-degree rule is in effect for all Marines.</b></p> <p>Once Marines have come on line with the LLL &amp; the RLL signs, they can utilize the following lateral limits:  <b>RLL 356 deg mag</b>  <b>RLL 013 deg mag</b></p>	<p><b>Rocket FP</b>                      57002 94647                      PDF 32 deg                      mag</p> <p><b>Rocket Target</b>                      Bunker                      57139 94782</p>	<p>SBF MG 7.62mm                      57144 94296                      PDF 003 deg mag</p> <p><b>15o or 100m rule in effect</b>  <b>Hose clamps must be used as positive stops to prevent</b>  <b>crossfire.</b></p> <p><b>Tripods will be left in place once MGs are registered.</b></p> <p>Min Safe Line will be marked (i.e. White Engineer tape during day, chem. lights at night).</p> <p><b>SBF element will make movement to SBP position along axis Blue in Condition 4.</b></p>
	<b>Mortar Option</b>	
	<p><b>Mortar FP Option #1</b>                      FP 57320 94180                      DOF 6200 mils grid                      60mm Illum Only                      Charge 1</p> <p>Mortar will cease fire prior to anyone crossing MSL #1</p> <p>Target Grid                      57180 94830</p> <p>Range to Target                      660 meters</p>	<p><b>Mortar FP Option #2</b>                      FP 57144 94296                      DOF 0080 mils grid                      60mm Illum Only                      Charge 1</p> <p>Mortar will cease fire prior to anyone crossing MSL #2</p> <p>Target Grid                      57180 94830</p> <p>Range to Target                      550 meters</p>

### Additional Safety Measures

1. A safety Brief will conducted prior to each live fire event to all participants.
2. **All targets utilized must be “Knock Down – Stay Down” type targets.**
3. Marines in maneuver element will go to:
  - a. Condition 1 at the SFL
  - b. Condition 4 at the CFL/LOA
4. Marines with the SBF will only upload and down load weapons at the SBF Position.
5. All SBF Wpns will go to condition 4 prior to anyone crossing the min safe line.
6. The RSO & OIC will personally observe each live fire event.
7. There will be additional safety personnel assigned as follows:
  - a. A PSO will travel in trace of each Team.
  - b. An ARSO will be assigned to each SBF position.
  - c. Each PSO and ARSO will have positive communication with the RSO.
8. Ammunition will only be issued per event.
9. After each event, unit leaders will conduct a line out.
10. Each RSO will certify to the OIC that all weapons are in Condition 4 prior to exiting the range.
11. A non-participating Corpsman will be stationed with safety vehicle.
12. MGs will fire registration fires that will be verified by the RSO prior to the exercise.
13. A full rehearsal will be conducted prior to live fire.

**Special Instructions Continued on Next page**

Rocket Firing Position  
57002 94647  
DOF: 032 deg mag

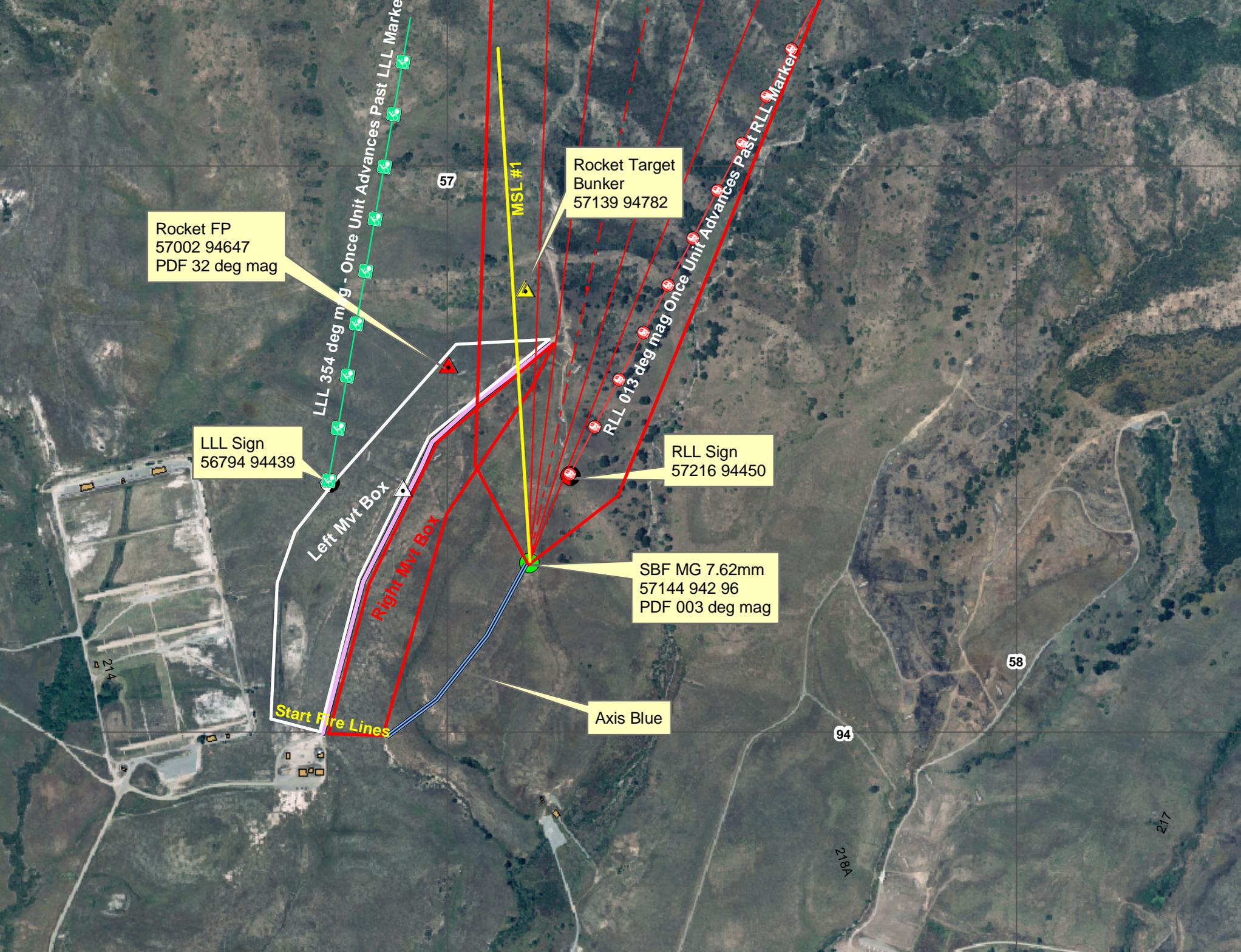
Rocket Target  
57139 94782  
Concrete Bunker

57

215A

94

Static Fire Line - NO BRIEF REQUIRED  
56788 94002 to 56857 93974  
LLL 002 deg mag  
RLL 023 deg mag



Rocket FP  
57002 94647  
PDF 32 deg mag

LLL Sign  
56794 94439

Rocket Target  
Bunker  
57139 94782

RLL Sign  
57216 94450

SBF MG 7.62mm  
57144 942 96  
PDF 003 deg mag

Axis Blue

LLL 354 deg mag - Once Unit Advances Past LLL Marker

MSL #1

RLL 013 deg mag Once Unit Advances Past RLL Marker

Left Mvmt Box

Right Mvmt Box

Start Fire Lines

57

58

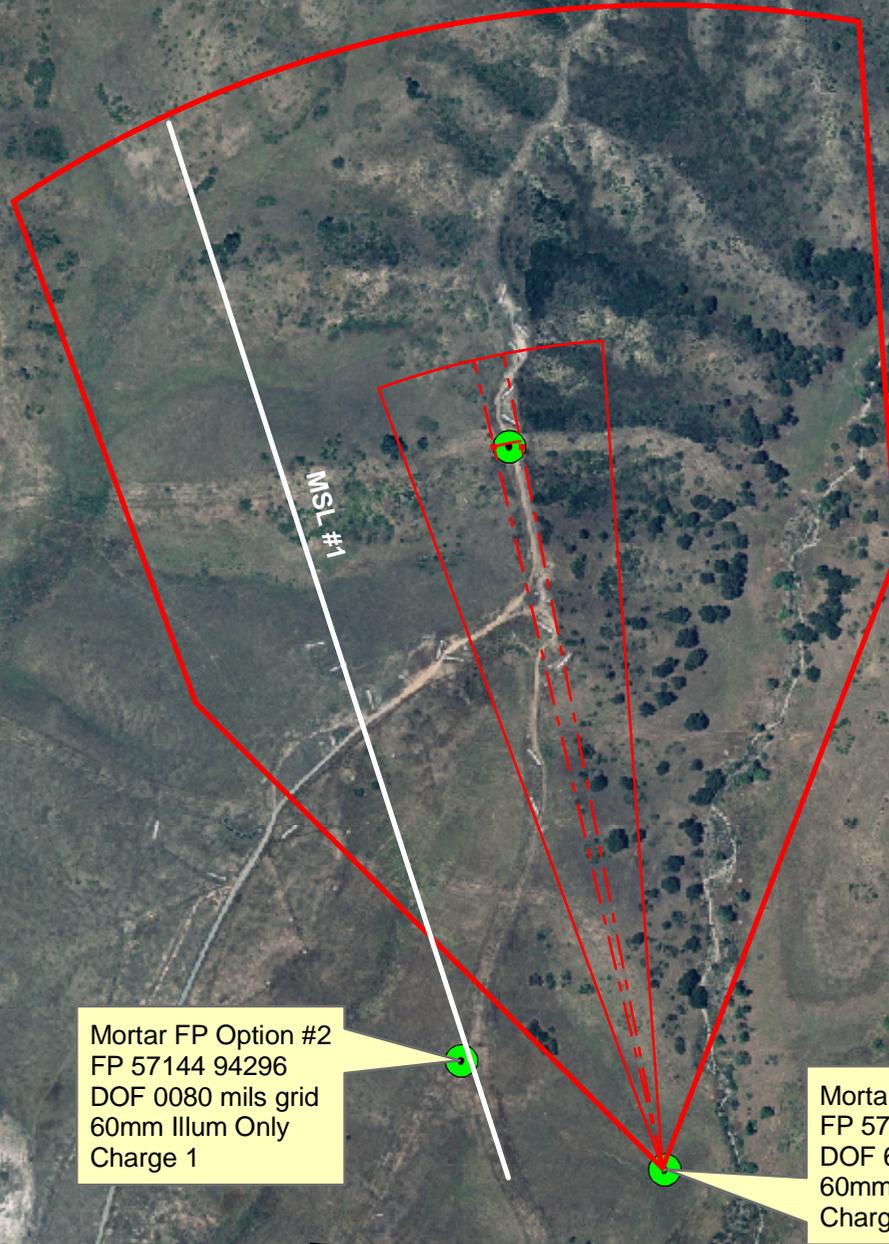
94

214

218A

217

# Mortar Option #1



MSL #1

Mortar FP Option #2  
FP 57144 94296  
DOF 0080 mils grid  
60mm Illum Only  
Charge 1

Mortar FP Option #1  
FP 57320 94180  
DOF 6200 mils grid  
60mm Illum Only  
Charge 1

214

215A

# Mortar Option #2

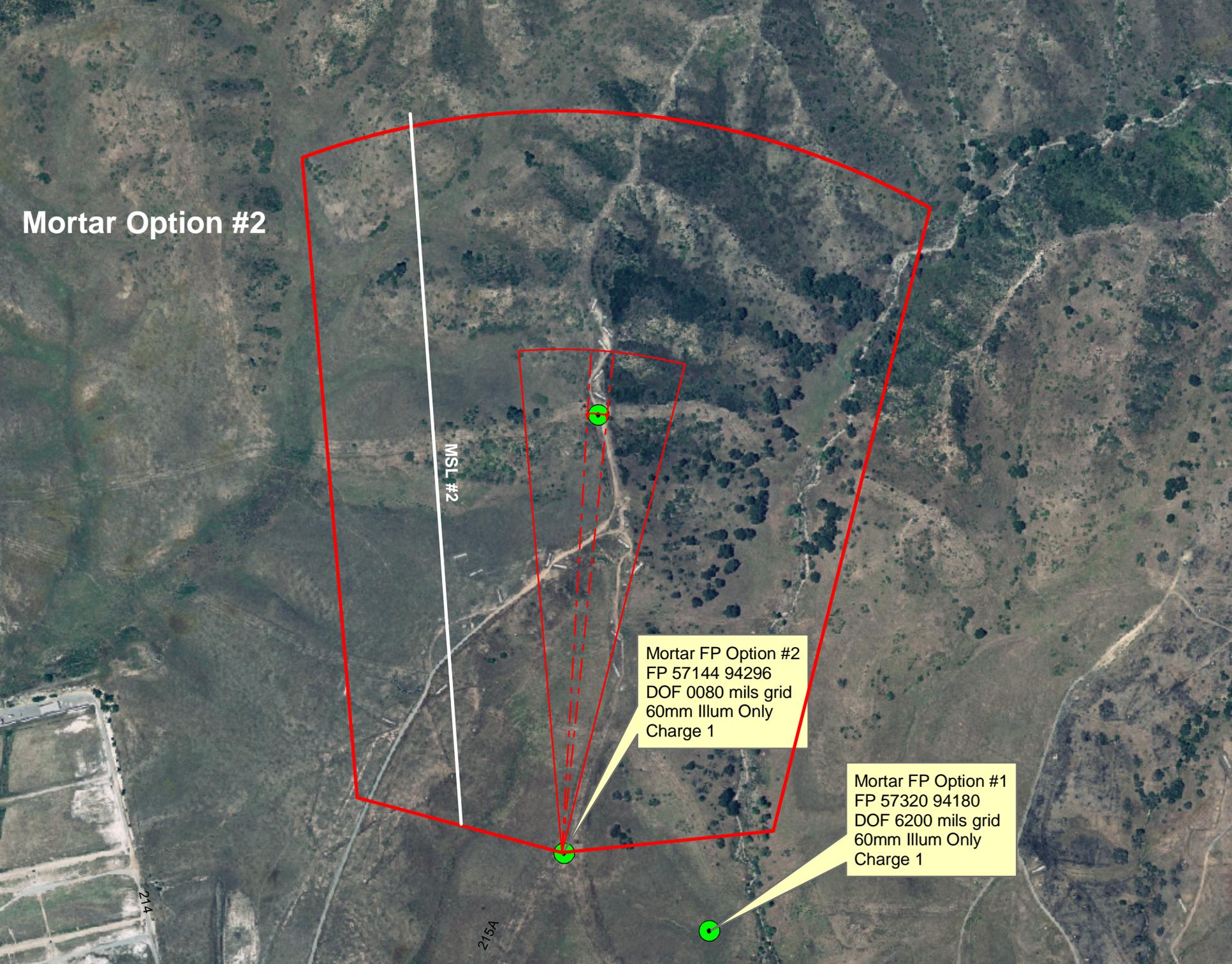
MSL #2

Mortar FP Option #2  
FP 57144 94296  
DOF 0080 mils grid  
60mm Illum Only  
Charge 1

Mortar FP Option #1  
FP 57320 94180  
DOF 6200 mils grid  
60mm Illum Only  
Charge 1

214

215A



214



Increment Burn Area  
5678464005

