

## RANGE AND TRAINING REGULATIONS

<b>Range:</b> R-407A	<b>Lateral Limits:</b> Left from grid 65006 91557 at 287 deg mag Right from grid 65083 91669 at 324 deg mag <b>See Special Instructions for:</b> <b>.50 cal &amp; 7.62 mm, M203, AT-4 &amp; SMAW</b>	<b>Min/max Engagement Distance:</b> Min 3 meters (weapon dependent) Max 3,800 meters	<b>Range Facilities:</b> Bleachers, Ammo tables, & Gates
<b>Location:</b> 6505 9161	<b>Type:</b> Field Firing Range, BZO/EMP	<b>Troop Penetration Line:</b> Prohibited	<b>Impact Area:</b> Zulu
<b>Allowable Wpns:</b> Pistols .45 cal & below; Shotguns; Rifles, 50 cal. & below; Machine guns, .50 cal. & below; SMAW; AT-4; Mortars; 20mm; M203			<b>Date Revised:</b> 26 March, 2009
<b>Scheduling</b>			
All scheduling requests for R-407A shall be submitted via their battalion. Unit will utilize RFMSS to schedule range.			
<b>Scheduling Conflicts</b>	<b>R407A</b>	<b>Conflict Notes</b>	
Zulu Impact, R440	1	Note (1) – Range must go into check fire.	
R408A - TOW	2	Note (2) – 407A Can not be occupied during 408A TOW Firing.	

### GENERAL INSTRUCTIONS

1. **A safety Brief will be 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
  - **An ORM reviewed and signed by the Command, RSO and OIC.**
  - 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
  - **NAVMC 11381 filled out by the OIC**
  - 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 non-participating Corpsman will be stationed with safety vehicle.**
7. **A full rehearsal will be conducted prior to live fire with all safety and training personnel.**
8. **Unit is required mark/post signs for any lateral limits and/or MSLs listed in this brief if not already marked/posted.**
9. **Minimum engagement distances for RETS or PITS targets is as follows:**
  - 25 meters – 5.56mm
  - 100 meters – 7.62mm
  - Use of .50 cal and above is **not authorized** on PITS targets.
  - Use of .50 cal and below (Ball or 4/1 Only) on RETS ranges **is authorized.**
  - Use of .50 cal **RAFUS (A606)** on RETS ranges is **only authorized** on vehicle targets.
  - At no time will any individual climb on top and shoot down into any target berm/box.
  - **At no time will RETS or PITS targets be exposed for more than 30 seconds.**
10. **At no time will any unit go from live fire to blank or SESAMS force-on-force within a 24 hour period**
11. **When Range guards are not in sight of the RSO they are required to 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/PSO 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.

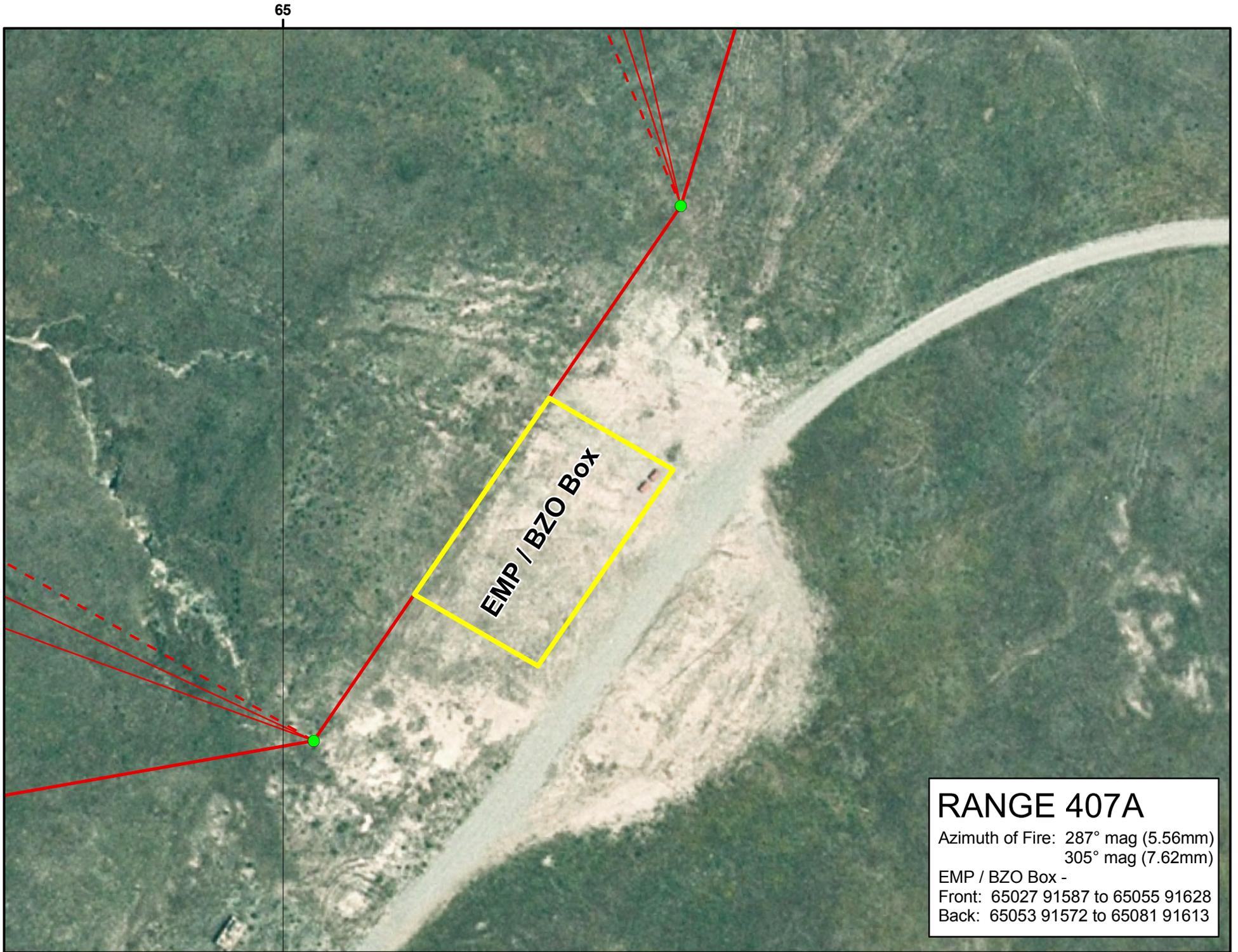
**Special Instructions Continued on Next page**

## RANGE AND TRAINING REGULATIONS

### SPECIAL INSTRUCTIONS

1. **Range Gates will be locked or Range guards are required in pairs with positive communication with the RSO on the road at 64962 91455 and 65138 91647 when firing weapon systems with back blast. No traffic/personnel shall enter the range without the RSO's permission.**
2. **CAUTION** – The WHITE/ORANGE MARKERS (jersey barriers) identify the indirect-fire/CAS impact area line and support the fixed-wing CAS release point only. DO NOT BRIEF THEM as the LEFT LATERAL LIMIT marker FOR R-407A.
3. **.50 cal & 7.62 mm**  
**Left Lateral Limit** from grid 65006 91557 at **305** deg mag  
**Right Lateral Limit** from grid 65083 91669 at 324 deg
4. **AT-4 & SMAW (Range Gates or Guards required)**  
**Left Lateral Limit** from 65006 91557 at 287 deg mag  
**Right Lateral Limit** from **65022 91575** at 324 deg mag
5. **M203**  
**Left Lateral Limit** from grid 65006 91557 at 287 deg mag  
**Right Lateral Limit** from grid 65083 91669 at **304** deg
6. **20mm Cannon**  
**Left Lateral Limit** from grid 65006 91557 at **295** deg mag  
**Right Lateral Limit** from grid 65083 91669 at 324 deg
7. Cross-lane firing is prohibited
8. All EMP Training will be conducted within the depicted firing box.
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. Firing line will be backed off the target line 10 meters.
12. Ensure all weapons are cleared and inspected prior to departing the firing line.
  - a. All weapons malfunctions shall be corrected per the appropriate TM/FM, and unit SOP.

Special Instructions Continued on Next page



EMP / BZO Box

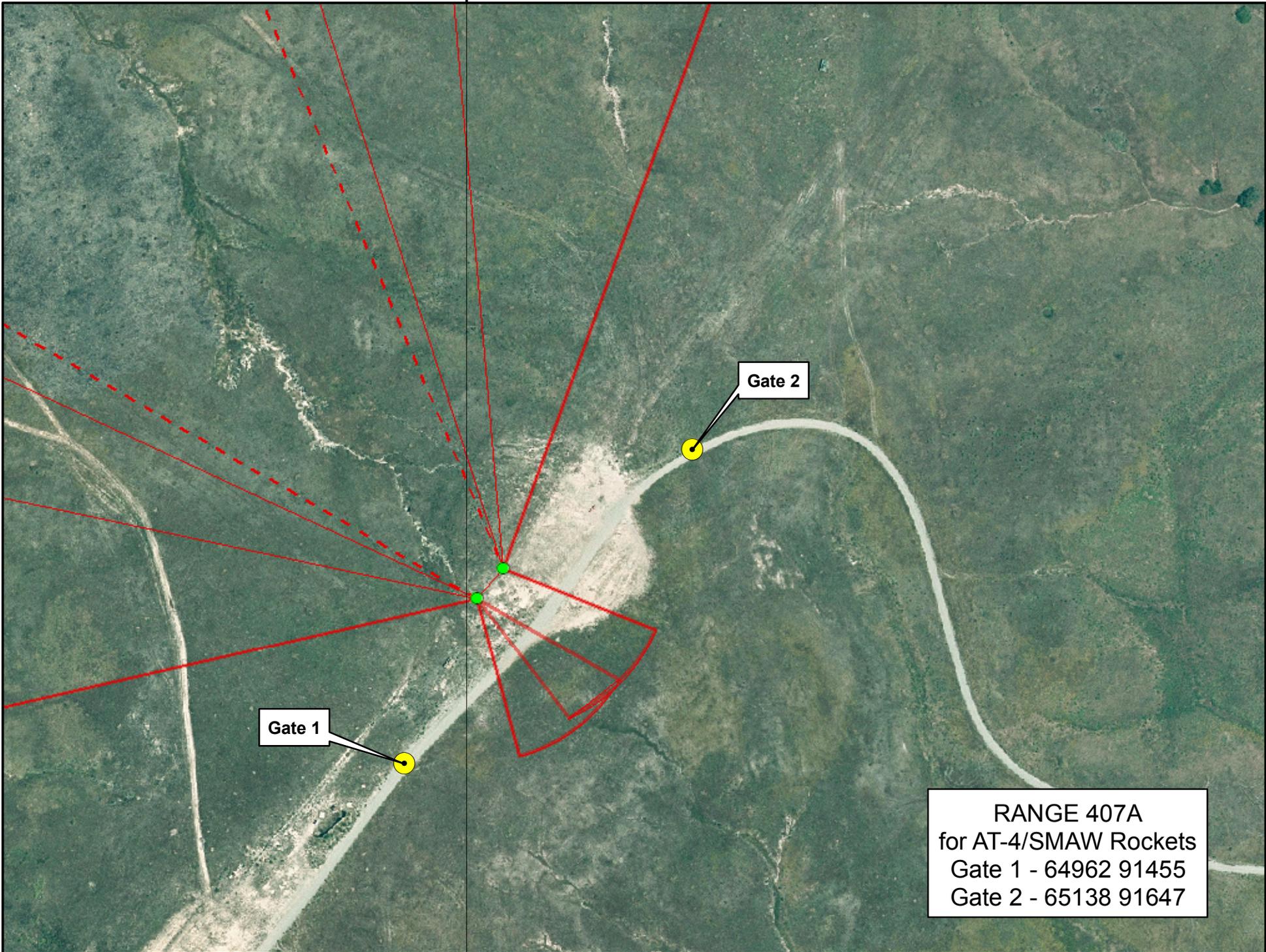
### RANGE 407A

Azimuth of Fire: 287° mag (5.56mm)  
305° mag (7.62mm)

EMP / BZO Box -  
Front: 65027 91587 to 65055 91628  
Back: 65053 91572 to 65081 91613

65000m E

65



Gate 2

Gate 1

RANGE 407A  
for AT-4/SMAW Rockets  
Gate 1 - 64962 91455  
Gate 2 - 65138 91647

465<sup>000m</sup>.E

**Weapon Type: MORTARS**  
**Weapon Caliber: 60mm:HE M720**

Map Scale = 1:25,000

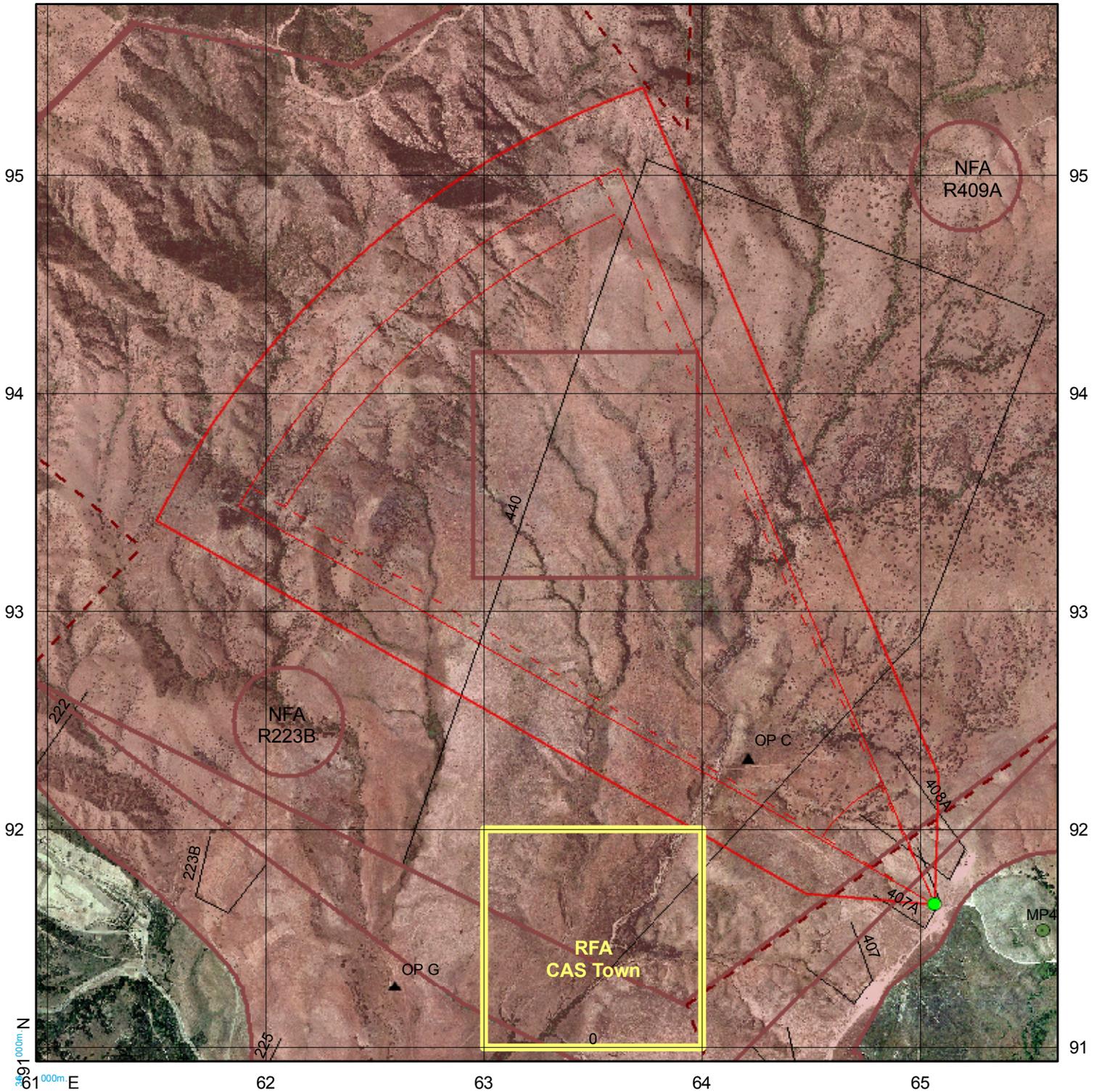
61

62

63

64

65



91°00'00" N  
 61°00'00" E

<p>Weapon: 60mm Mortars                  Projectile: HE/Illum/Smoke                  Fuzes: PD, Ti, VT                  Charge: 1 - 4                  Firing Point: 65059 91659                  FP elevation: 570 ft MSL                  Impact Area: Zulu                  Max Range: 3,489 Meters                  Min Range: 601 Meters                  Left Lateral Limit: 5,360 mils Grid                  Right Lateral Limit 5,960 mils Grid</p>	<p>Area A: 250 m                  Angle A: 25°                  Area B: 300 m                  PEr: 23 (184 m)                  PEd: 7 (56 m)</p> <p>Max Ord (feet AGL):                  charge 1: 2,189                  charge 2: 3,665                  charge 3: 5,174                  charge 4: 6,828</p>	<p style="text-align: center;"><b>Range 407A</b></p> <ul style="list-style-type: none"> <li>- Approved safety card, data card, SDZ, &amp; signed ORM must be on hand to conduct training.</li> <li>- RSO will ensure that the FDC has plotted target box on both primary and secondary boards.</li> <li>- All mortars will fire registration fires that will be verified by the RSO prior to the exercise.</li> <li>- Safety "T" will be with each gun.</li> </ul> <p style="font-size: small;">Created By: E.Evans, R. Miller                  Approving Authority: J. Vaineharrison RCO                  Date: 03/20/2009</p>
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