FIRING/NONFIRING DATA

For use of this form see USAIC Regulation 350-19; the proponent agency is DPTMS

TO: Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	**Date:** 26 Mar 2015 LOG# 3-12-15 **Range:** Soto Range (Oscar 13) **Title:** Zero, M9, ARM3, Machinegun Zero (Day and Night) **Problem No:** N/A
THRU: Chief, Range Operations Fort Benning, GA. 31905	**FROM:** Survey, Range Operations Fort Benning, GA. 31905

SECTION I, TYPE OF TRAINING

☑ a. Live Fire ☐ b. Non-live Fire CP/Controller Coordinates: 0930 0290

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
N/A	N/A	N/A	N/A

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
FP 1-32 GB 0934 0283 to 0923 0290	M16/MK16/M4 M9	5.56mm Ball 9mm Ball	3750 mils	3835 mils
FP 1-32 GB 0934 0283 to 0923 0290 (SEE SKETCH)	M249/MK46 M240/MK47	5.56mm Ball/Tracer 7.62mm Ball/Tracer	3665 mils	3910 mils
Same as Above	M68/ANPEM1/PAQ4/PEQ2A/NVG/PVS14/PVS7D	Laser Aiming Devices	Same as Above	Same as Above

SECTION IV, LIVE FIRE EXERCISES Attach the following:

- ☑ **Scenario of training to be conducted:**
- ☑ **Sketch of area:**
- ☑ **Risk Assessment:**
- ☐ **Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:**

SECTION V, NON-LIVE FIRE TRAINING

Training area(s) to be occupied:

- ☐ **Scenario of training to be conducted:**
- ☐ **Sketch of area(s) to be occupied:**
- ☐ **Risk Assessment:**

Name/rank of requesting officer: Kenneth L. Whitehead, GS07, Survey Technician	Name/rank of Major Unit S3/Commander: Brad S. Tesch, GS12, Chief, Range Operations

SECTION VI, FOR RANGE DIVISION USE DATE: 4 JUNE 2015

TO: Range Operations Fort Benning, GA. 31905	**FROM: Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905**

a. Roadblocks to be closed:	See Road Blocks Enclosure
b. Road(s) to be closed/road barrier locations:	
c. Remarks:	Class IIIA Lasers are not eye safe on dual low mode within 25 meters. PEM-1A is not a tactical laser and must be used within 25 meters. Laser Warning Signs will be in place prior to opening.
d. This approval expires: Indef	

Chief, Range Division
Directorate of Plans, Training, Mobilization and Security

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES MANEUVER CENTER of EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-4500

REPLY TO ATTENTION OF

IMSE-BEN-PLT-R 4 June, 2015

MEMORANDUM FOR Director, Directorate, Plans, Mobilization, Training, and Security, Fort Benning, Georgia 31905

SUBJECT: Oscar 13 (Soto Range), 25m Zero, M9 Pistol, 10m Machine Gun Zero, ARM 3(Day and Night)

1. **Purpose:**

The purpose of this memorandum is to outline the training concept and scenario for Firing on Oscar 13 (Soto Range) using live ammunition. The training will familiarize Soldier's on firing techniques relative to combat conditions in the contemporary operating environment, firing realistic training scenarios from existing firing points and targets arrays with live munitions. During the execution of training at Oscar 13 (Soto Range), Soldiers will be able to train on the following tasks with this training packet.

- 25m Zero (Day and Night)
- 10m Machine Gun Zero (Day and Night)
- ARM 3 Day, ARM 3N Night
- M9 Pistol

2. **Zero:**

Fire from existing firing points at the 25 meter targets with M16/M4/M9. Four foot target frames will be used through-out this scenario (See Sketch). Firing orders will move to their firing points at the low ready keeping their weapon pointed down range. Soldiers will receive ammunition from the ammunition Supply Point, (ASP). Soldiers will place their weapon on the Platforms. Soldiers waiting to fire will place their weapon to the rear of the platform either on the right side or left side. Soldiers will not Lock and Load their weapons until told to do so by the Tower NCOIC. Weapons will be cleared and remain on the firing line prior to moving downrange. Weapons will be cleared in accord with weapons clearing Procedures. At no time will units proceed past the 25 meter target line. See Figure #1 for authorized firing positions on the Platform.

PLATFORM FIRING FROM CENTER ONLY
ONLY ONE SHOOTER PER FIRING POSITION

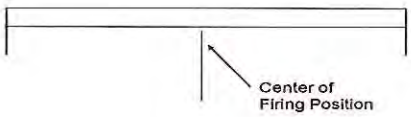


Figure #1 Positions of the Zero Firing on Oscar 13 (Soto Range)

3. **ARM 3 (Day), ARM 3N (Night)** : Soldiers will train and fire under controlled conditions at all times. Soldiers will familiarize with the Close Combat Optic (CCO), Infrared Laser Device (PAQ 2, 4, 15), and NVG's (ANPVS14), to engage targets during the day and night. During the day portion of the training, a tower official gives all firing commands. During the night portion, a firing point official gives firing commands with the tower official acting as overall safety. Soldiers will pick up ammunition from the ammo point and proceed directly to their firing point. All unused ammo will be returned to the ammo point. Soldiers will fire from fixed platform firing points in the prone supported firing positions. Four foot target frames will be used; the paper target will be placed in the center of the four foot section of the frame. The Soldiers are instructed when to load their weapons, and when to engage targets. At the conclusion of the exercise, weapons will be cleared IAW weapons clearing procedures. All downrange feedback will be given from the tower. (See Figure #1 and Firing Line Enclosure)

   a. **Laser's:** Class III A lasers are not eye safe on dual low mode within 25 meters. PEM – 1A is not a tactical laser and must be used within 25 meters. Laser Warning Signs will be in place prior to opening the range. **Range safety briefing will include hazards using Lasers and NVD's.**

4. **10 Meter Machine Gun Zero:** 10 meter Machine Gun Zero will be conducted in the following manner. Soldiers will pick up ammunition from the ammo point and proceed directly to their firing point. All unused ammo will be returned to the ammo point. . The Soldiers are instructed when to load their weapons, and when to engage targets. At the conclusion of the exercise, weapons will be cleared weapons clearing procedures. All downrange feedback will be given from the tower.

   - Soldiers will use the 10 meter targets on Oscar 13 (Soto Range) for machine gun zero. Four foot target frames will be used, the paper target will be placed in the center of the four foot section of the frame.
     (See Figure #1 and Firing Line Enclosure) Lanes 1,3,5,7,9,11,13,15,18,20,22,24,26,28,30 and 32, are the designated lanes for this event. **OIC/RSO will make sure that the 25m Target frames are laid down before start of this event**.

   - Preliminary Gunnery: In this phase the Soldier learns and demonstrates proficiency on individual skills that prepare him/her to fire live ammunition. This includes mastering mechanical training, the four fundamentals of marksmanship, T&E manipulation, sight adjustment, crew drill, and firing commands.

   - Basic Gunnery: In this phase, the Soldier applies the fundamentals in live fire exercises during day and night conditions. This includes zeroing, 10 meter firing with crew drill, field zeroing, and transition firing with crew drills.

   - Advanced Gunnery: In this phase, Soldiers are trained on combat techniques of employment, and live-fire exercise.

   - Remedial training will be conducted in any of the phases of training where the Soldier does not meet the standard. The instructor will identify any Soldier having trouble with the task and must retrain the Soldier as possible. This will allow the Soldier to maintain the same level of proficiency as the other Soldiers.

5. **Safety:**

a. Unit will maintain continuous contact with Range Control at all times. If communications are lost the unit will go into a self induced check fire until communications are restored.

b. There will be no more than One Firer per Firing Point on this range.

c. No one will proceed past the 25-meter target line at any time.

d. Four foot target frames will be used through-out this scenario.

6. **Risk Management Worksheets:**

Units training on Oscar 13 (Soto Range) using this Range Division standard packet are required to have in their possession while occupying Oscar 13 (Soto Range) their current commander's approved risk management work sheet along with Post Safety's concur/non-concur memorandum. These documents will be provided to the Chief of Range Operations prior to units submitting a request to schedule Oscar 13 (Soto Range). Units are also required to provide updated risk management worksheets along with an updated Post Safety concur/non-concur memorandum when there's a change in the unit command to the Chief of Range Operations prior to units submitting a request to schedule Oscar 13 (Soto Range).

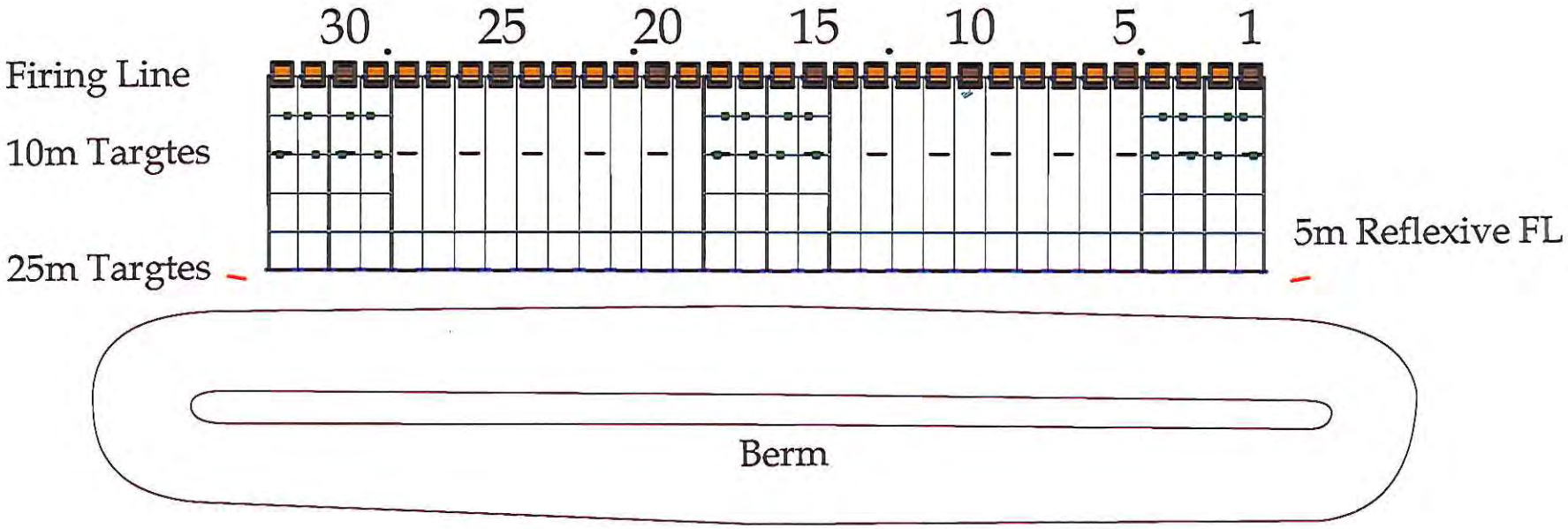
14. **General:**

1) **Units cannot do ALT-C, CQM, Reflexive/Stress Fire, Alt Firing Positions, or Any type of barricade on this range.**

2) **There will be no deviations to this scenario unless approved by Range Operations**.

15. Point of contact for this memorandum is the undersigned @ 706-544-6385.

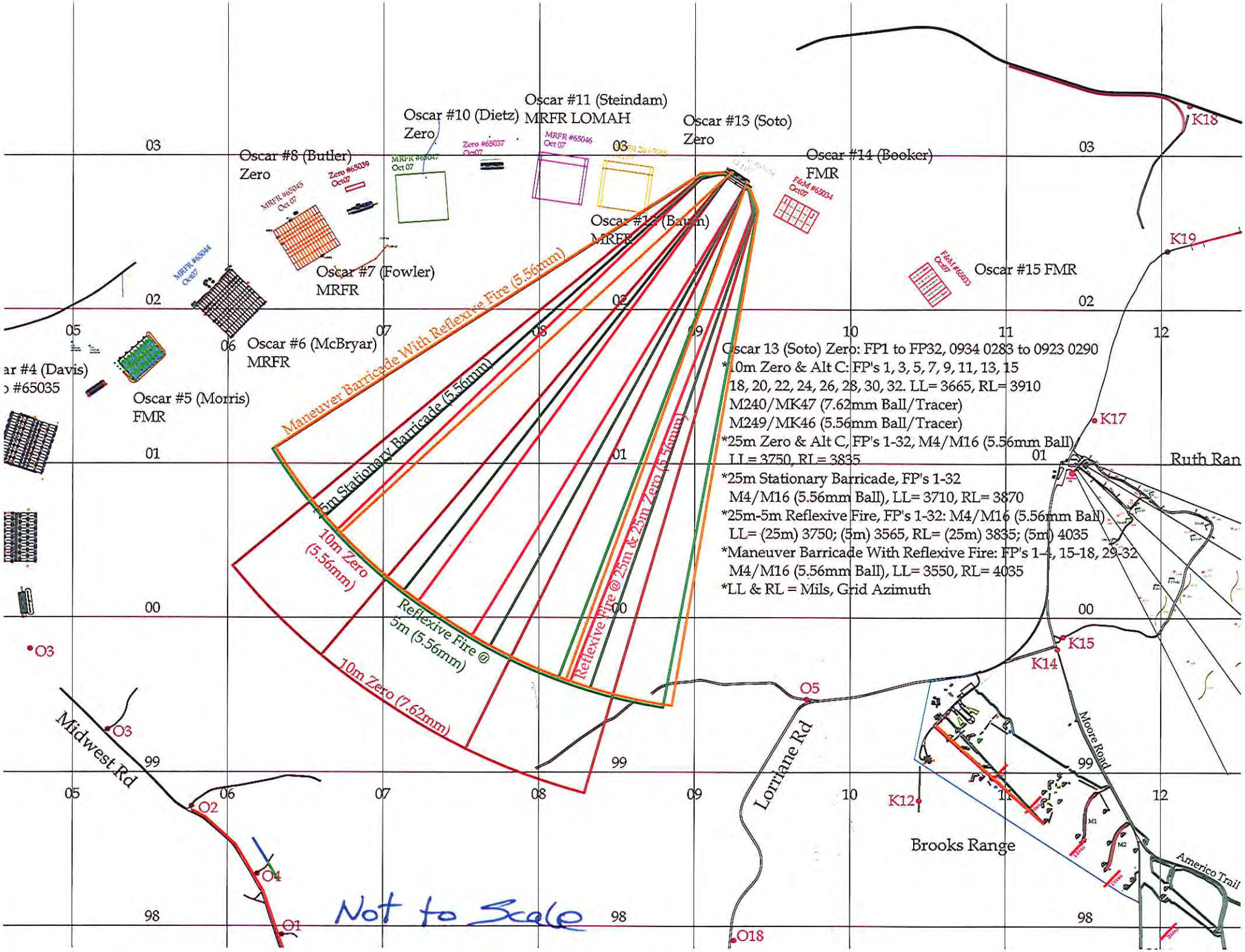
BRADLEY S. TESCH
GS12, Chief, Range Operations
Range Division, DPTMS



Oscar 13 (Soto) Zero

Oscar 13 (Soto) Roadblocks 26 Mar 15

#	GRID	LOCATION	TYPE
O-1	047 998	Across unnamed trail 30m E of its intersection with Midwest Rd.	Gate
O-2	052 993	Across unnamed trail 30m E of its intersection with Midwest Rd.	Gate
O-3	058 988	Across Engineer Trail 40m E of its intersection with Midwest Rd.	Gate
O-4	062 983	Across unnamed trail 20m E of its intersection with Midwest Rd.	Gate
O-5	063 979	Across unnamed trail 10m E of its intersection with Midwest Rd.	Gate
O-6	092 980	Across unnamed trail 10m W of its intersection with Lorraine Rd.	Gate
O-7	097 995	Across Engineer Trail 30m W of its intersection with Lorraine Rd.	Gate
O-8	112 006	Across Beaumont Trail 20m of its intersection with Moore Rd.	Gate
O-9	101 962	Across unnamed trail 10m E of its intersection with Lorraine Rd.	Gate
O-10	107 025	Across unnamed trail that runs parallel to Range Oscar 15 (Pool North) 10m E of its intersection with the range entrance road.	Gate
O-11	100 022	Across unnamed trail 20m S of the backstop berm on the right side of Range Oscar 15 (Pool North).	Gate
O-12	093 028	Across Beaumont Trail 20m S of the backstop berm on the E side of Range Oscar 13 (Soto).	Gate
O-13	075 026	Across unnamed trail on the E side of Range Oscar 9 (Pulaski).	Gate
O-14	074 025	Across unnamed trail 30m S of the backstop berm in the center of Range Oscar 9 (Pulaski).	Gate
O-15	071 025	Across unnamed trail 30m S of the backstop berm on the W side of Range Oscar 9 (Pulaski).	Cable
O-18	093 979	800m N of Ware Rng Entrance on right side of Lorraine Rd	Gate


Oscar #11 (Steindam)
MRFR LOMAH
Oscar #10 (Dietz)
Zero
Oscar #13 (Soto)
Zero
Oscar #8 (Butler)
Zero
Oscar #14 (Booker)
FMR
Oscar #12 (Baum)
MRFR
Oscar #7 (Fowler)
MRFR
Oscar #15 FMR
Oscar #6 (McBryar)
MRFR
Oscar #5 (Morris)
FMR
Maneuver Barricade With Reflexive Fire (5.56mm)
25m Stationary Barricade (5.56mm)
10m Zero (5.56mm)
Reflexive Fire @ 5m (5.56mm)
10m Zero (7.62mm)
Reflexive Fire @ 25m & 25m Zero (5.56mm)
Oscar 13 (Soto) Zero: FP1 to FP32, 0934 0283 to 0923 0290
*10m Zero & Alt C: FP's 1, 3, 5, 7, 9, 11, 13, 15
18, 20, 22, 24, 26, 28, 30, 32. LL= 3665, RL= 3910
M240/MK47 (7.62mm Ball/Tracer)
M249/MK46 (5.56mm Ball/Tracer)
*25m Zero & Alt C, FP's 1-32, M4/M16 (5.56mm Ball)
LL = 3750, RL = 3835
*25m Stationary Barricade, FP's 1-32
M4/M16 (5.56mm Ball), LL= 3710, RL= 3870
*25m-5m Reflexive Fire, FP's 1-32: M4/M16 (5.56mm Ball)
LL= (25m) 3750; (5m) 3565, RL= (25m) 3835; (5m) 4035
*Maneuver Barricade With Reflexive Fire: FP's 1-4, 15-18, 29-32
M4/M16 (5.56mm Ball), LL= 3550, RL= 4035
*LL & RL = Mils, Grid Azimuth
Ruth Ran
Lorriane Rd
Midwest Rd
Moore Road
Brooks Range
Americo Trail
K18
K19
K17
K15
K14
K12
O5
O3
O2
O4
O1
O18
Not to Scale