

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: 22 Sept 2014 LOG# 9-2-14 Range: Morris Title: Zero 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: Tower 0536 0176

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
FP1 to FP10: 0540 0175 to 0538 0173	M16/MK16/M4	5.56mm Ball	2425 mils	2505 mils

SECTION IV, LIVE FIRE EXERCISES Attach the following:

SECTION V, NON-LIVE FIRE TRAINING

<input checked="" type="checkbox"/> Scenario of training to be conducted: <input checked="" type="checkbox"/> Sketch of area: <input checked="" type="checkbox"/> Risk Assessment: <input type="checkbox"/> Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:	Training area(s) to be occupied: <input type="checkbox"/> Scenario of training to be conducted: <input type="checkbox"/> Sketch of area(s) to be occupied: <input type="checkbox"/> Risk Assessment:
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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
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Kenneth L. Whitehead
Brad S. Tesch

SECTION VI, FOR RANGE DIVISION USE DATE: 26 SEP 14

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



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

26 September, 2014

MEMORANDUM FOR Director, Directorate of Operations, Training, and Security, Fort Benning, Georgia 31905

SUBJECT: Morris Range: M16/M4/MK16 Zero.

1. **Purpose:** The purpose of this memorandum is to outline the training concept and scenario for Firing on Morris 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 Morris Range Soldiers will be able to train on the following tasks with this training packet.

- Zero

2. **Zero:** Fire from existing 10 firing points at the 25 meter targets with M16/M4/MK16 rifle. Four foot target frames will be used through-out this scenario. Soldiers will receive ammunition from the ammunition Supply Point, (ASP). Firing orders will move to their firing points at the low ready keeping their weapon pointed down range. 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.

- During the live fire, the firer will receive all orders from the Drill Sergeant/Safety/Cadre on when to Load and Un-Load weapons. Soldiers will only fire at the targets in his/her lane.
- Each Range Safety will supervise individual firer's actions.
- Each firer will complete this event while wearing a helmet, LBE, IBA, Eye pro and Ear pro with a M68 CCO. (Similar optics may be substituted for the M68 CCO)

3. **Clear weapon** (Rod or Clearing Barrel). Each Range Safety will ensure that weapons are properly cleared and all magazines are properly stowed. Once each lane is clear, then the firing order will return to the ready line and exit the range.

4. **Safety:**

a. **Medical:** In the event of an accident, injury or illness, the OIC/RSO will immediately call a cease fire then call 911 using the standard 9 Line MEDEVAC to

determine what type of evacuation is the most appropriate for the injury (loss of life, limb or eyesight). MEDEVAC will be IAW MCoE Regulation 350-19 and MCoE 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Alpha Base (Range Operations) will be notified in this event. The cease fire will remain in effect until cleared through Range Control.

b. **Incident:** When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately call a cease fire and report it to Alpha Base (Range Operations) and the using unit's higher headquarters. OIC/RSO will take action as directed by Alpha Base (Range Operations). The cease fire will remain in effect until the problem is resolved and cleared through Alpha Base (Range Operations). If the incident results in an injury, the OIC/RSO will use the procedures outlined in the medical paragraph. The following information will be furnished by the OIC/RSO to Alpha Base (Range Operations):

- a. Designation of unit.
- b. Range and location
- c. Type of weapon involved.
- d. Type of ammunition involved.
- e. Brief summary of what happened.
- f. Personnel injuries and extent.
- g. Full Name, SS#, Rank and unit of injured personnel.
- h. Extent of property damage.
- i. Intentions regarding an AR 15-6 investigation.

c. **Weapons/Ammunition Malfunction Reports:** When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Alpha Base (Range Operations). The weapons and all components and ammunition involved will remain in place. The cease fire will remain in effect until cleared through Alpha Base (Range Operations). An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL.

d. **Ammo Point:** The ammo point NCO will control the issue and retrieval of all ammunition. All ammunition will be marked and identified within the ammo point and signed by the ammo NCO.

e. **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.**

f. Range Clean-up. Unit will call Range Control for a "Check Fire Status" prior to range clean up.

g. Safety Brief: All Soldiers will receive the range safety brief to include emergency cease fire procedures prior to the opening of the range.

h. Upon completion of the shooting iteration Soldiers will move down range and verify their targets with the supervision of their Drill Sergeant/Safety/Cadre. Weapons will be cleared and checked by the lane safety prior to movement. Weapons will be left

on the sandbags on the platforms on the firing line. Weapons will not be loaded until everyone is back at the firing line.

i. 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.

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

k. There will be no deviations to this packet. This range is for Zeroing only.

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

m. Unit must have the updated Environmental Form (144r).

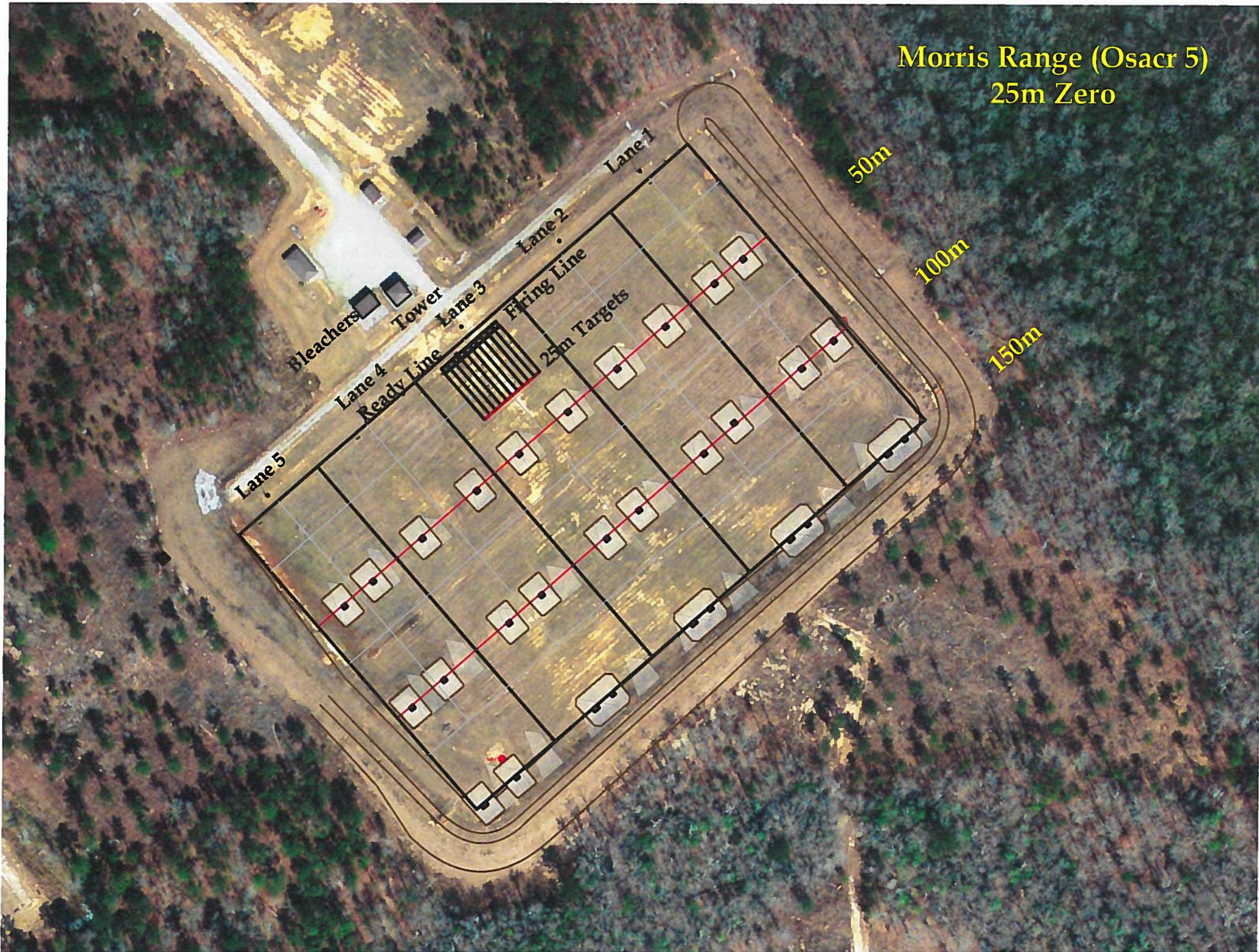
n. Using units must have a completed Deliberate Risk Assessment Worksheet (DRAW) that is staffed by the BDE Safety Manager, BDE Master Gunner on a FB 25 and signed by Post Safety. Unit will return the DRAW and the FB 25 to Range Operations once completed prior to use of this range.

5. Exiting the range – All firers will properly clear their weapons at the conclusion of the live fire exercise. Firers cannot exit the range until they have been cleared by a Range Safety. Weapons will be cleared by rodding/visual inspection on and off the firing line. DS/Safety/Cadre will have the option to use the one-piece brass rod or clearing barrels (if available) to clear all weapons off the range.

6. Point of contact for this memorandum is the undersigned @ 706-544-6267.


KENNETH L. WHITEHEAD
GS07, Survey Technician
Range Division

Morris Range (Osacr 5)
25m Zero



Bleachers
Tower

Lane 5

Lane 4
Ready Line

Lane 3

Firing Line

Lane 2

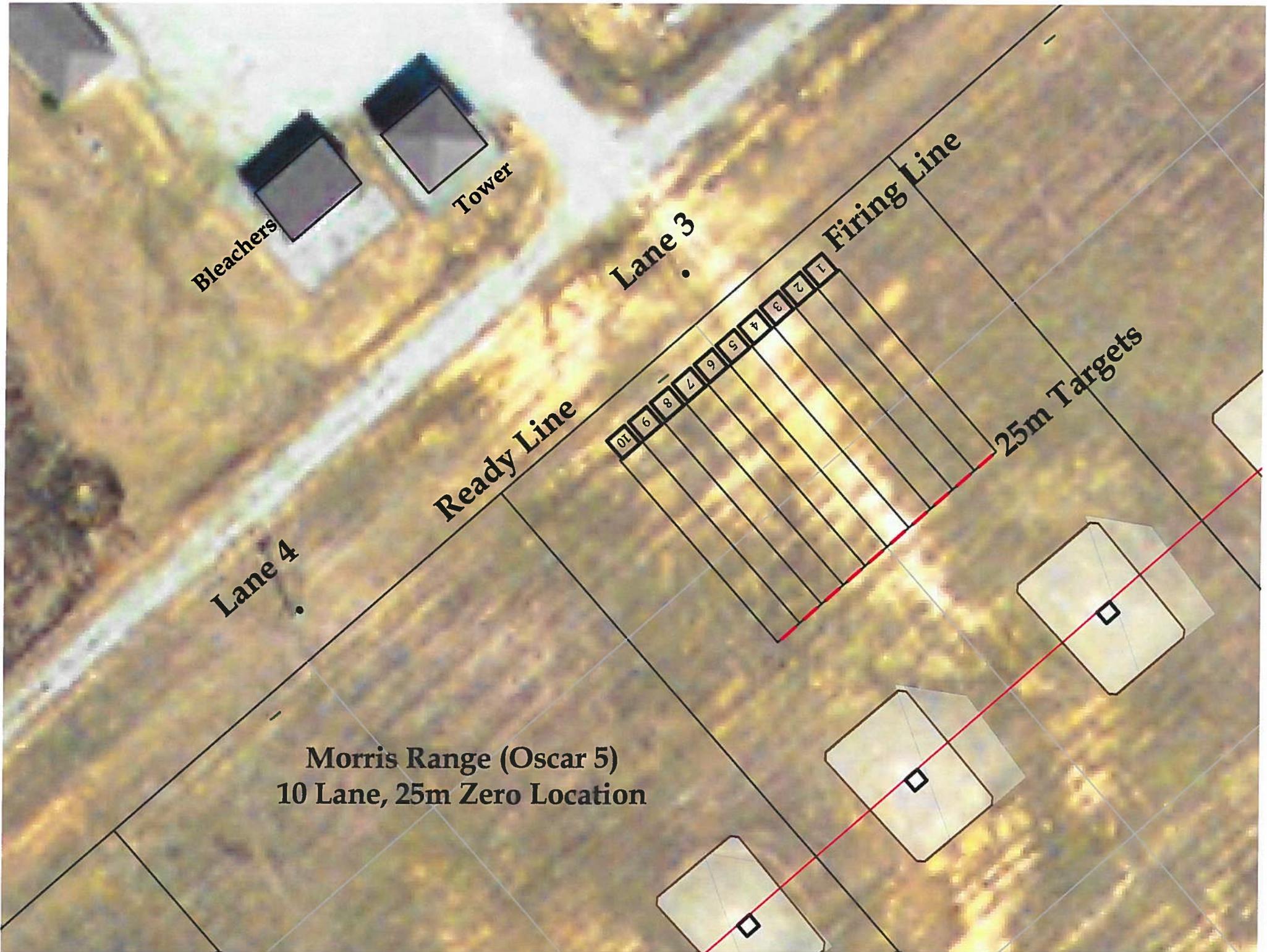
Lane 1

25m Targets

50m

100m

150m



Bleachers

Tower

Lane 3

Firing Line

Ready Line

25m Targets

Lane 4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Morris Range (Oscar 5)
10 Lane, 25m Zero Location



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 9/3/2014

EMD Number: 1424603

Project#: Unknown

Project Title: Weapons Zero

Description of proposed action:

Soldiers will Zero their individual M4 or MK16

Project Location:

Morris Range, Grid 055018

Number of Personnel:

100

Size of Project Area:

Proponent: ken whitehead

706-544-6267

Number/Types of Vehicles:

Number of vehicles:5

Types of vehicles:HMMWV, LMTV

No-Vehicles will be going off road.

Amount, Description, Location of Disturbance/Digging:

None

Type of Ammunition:

5.56mm Live

Number/Types of Trees:

None

Duration of Action:Start: 10/1/2014

Stop: 9/30/2015

Organization/Unit: Range Operations

DECISION: Concur with conditions

This Action is adequately covered in the Existing EA titled: 'Ongoing Mission and siting Activities, USAIC, FT. Benning, GA.'

(NA): Training involving LIVE FIRE and tracked vehicles has NO CATEX -- "Ongoing Mission and Siting Activities, USAIC, Ft. Benning, GA."

REC APPROVED THROUGH 30 SEPTEMBER, 2015

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 9/3/2014

Environmental Review: Caution within training areas and motor pools should be taken to protect all nearby waterways (including perennial, intermittent streams and wetlands); as well as ground surfaces and any other sensitive areas in the vicinity of the training areas. Potential spills/releases from this activity that may occur before and/or during the FTX include: 1. Discharge and/or improperly disposal of oil or hazardous substances into or upon land, water, or into ground water areas from storage, handling and/or transportation of hazardous materials/waste; 2. Vehicle/equipment/generators leaks; 3. Fuel loading/unloading/refueling operations; 4. Field mess facilities/equipment/operations, and/or 5. Ammunitions /explosives (as applicable, before and/or during the FTX).

General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activities and hazardous material/waste storage. Locate all refueling operations and storage of hazardous materials/waste away from waterways and sensitive areas. See attached section on prevention procedures and CHECKlist (Example Unit/Activity SOP for Training and Deployment) to be used during training exercise to comply with SPCC plan requirements. Ensure all wastewater from field mess equipment/operations particularly those involving oil/grease are collected and dispose properly. Do not discharge any wastewater into storm drains or dispose of oil/grease waste directly into land.

General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained -- REACT to minimize spill damages. Submit a spill report to the EPMB Spill Program Manager (use Spill Response Report attached). All spills reaching navigable water must be reported immediately. The unit is responsible for the final cleanup of any spill during this exercise. Coordination with this office is required for clearance of the site.

EMD Number: 1424603

IJO#

Project Title: Weapons Zero

Hazardous Materials/Waste

Conditions:

Carlos Ariasochoa (706 545 1857), 9/3/2014

Considerations for Live Fire/Weapons Demonstration and Field Training Exercises.

1. Ensure personnel know the correct procedure for handling misfires at the range:
2. Closed containers (ammunition can marked 'MISFIRES") will be used for the collection of misfires at each firing range.
 - The MISFIRE container will stay closed except to add or remove misfires.
 - Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.
 - Misfire containers WILL BE PLACED on the firing lanes.
3. Ensure that all containers for collection of patches and swaps are kept closed unless weapons cleaning products are being added.
4. Defective, misfired, or otherwise unserviceable munitions must be managed IAW/MCOE Reg.350-19-5-10, Para 9-2 (Proper management of Misfired munitions). All excess, munitions must be returned to the Ammunition Supply Point after the field exercise is completed. Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area. A dud shall not be removed from the range; it will be marked, called into range control and will be properly disposed of by EOD personnel IAW/MCOE Reg. 350-19, 23 Jul 2010.
5. Any wastes generated must be evaluated for their hazardous characteristics and disposed of in accordance with all Federal, State and Fort Benning Hazardous Waste Regulations. Appropriate precautions must be taken to prevent hazardous material spills. Adequate quantities of spill response supplies must be on hand while work is being performed. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan Chapter 14. Contain and clean up any spill according to guidance provided by the Environmental Programs Management Branch. EPMB provides an 8 hours course covering Hazardous Materials/Waste Management, Hazardous Waste Minimization, Safety, and Pollution Prevention.

Noise

Conditions:

Ellis Leeder (706 545 2400), 9/3/2014

This is training operations request for training. If there is any operational noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. This 144r must be present at the training site when occupying compartment or ranges.

Cultural Resources - Archeological

None

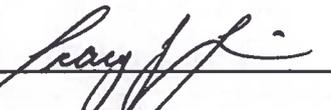
Edward Howard (706 545 1898), 9/3/2014

Natural Resources - RCW

None

Michael Barron (706 544 7080), 9/3/2014

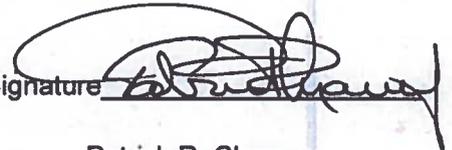
Signature


John E Brown
NEPA Program Manager

Date

5 SEP 2014

Signature



Patrick R. Chauvey
EPMB Chief

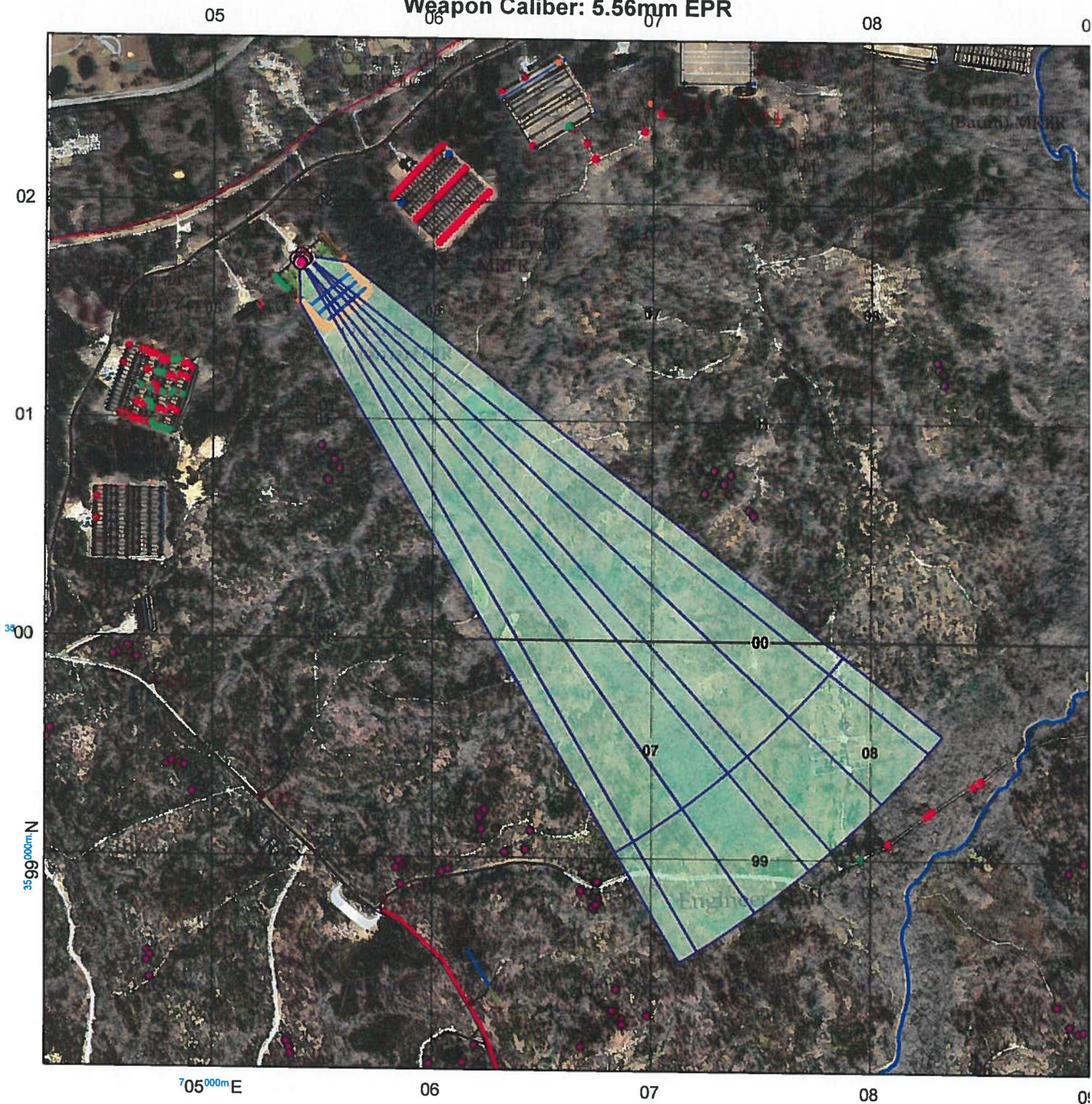
Date

05 SEP 2014

**Oscar 5 (Morris Range) Range Division 25m Zero Roadblocks
10 Sept 2014**

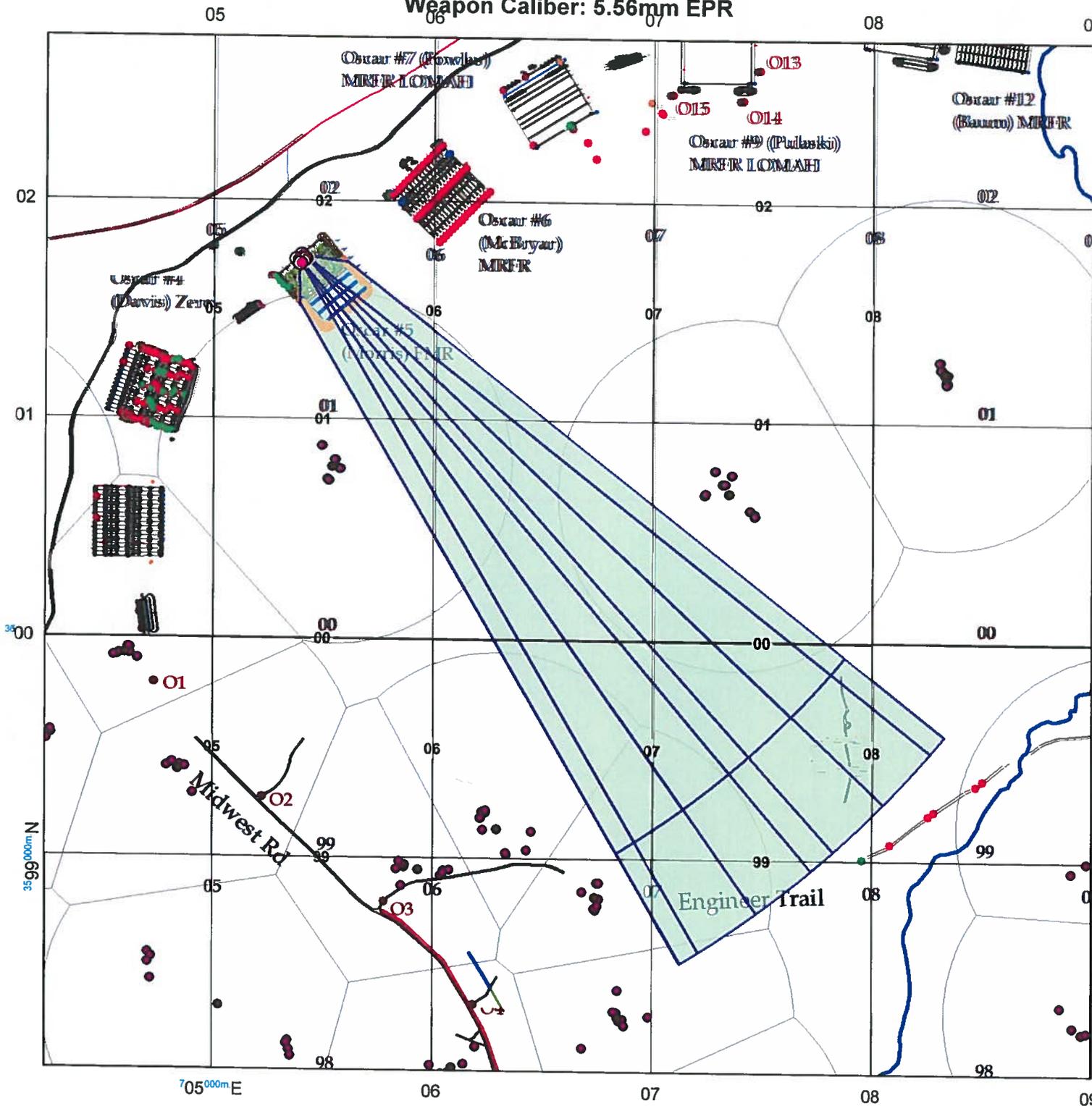
#	GRID	LOCATION	TYPE
O-1	GA 047 998	Across unnamed trail 30m E of its intersection with Midwest Rd.	Gate
O-2	GA 052 993	Across unnamed trail 30m E of its intersection with Midwest Rd.	Gate
O-3	GA 058 988	Across Engineer Trail 40m E of its intersection with Midwest Rd.	Gate
O-4	GA 062 983	Across unnamed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

FOUO Unclassified
Weapon Type: SMALL ARMS
Weapon Caliber: 5.56mm EPR



Range Manager Signature Authority: Brad Tesch	Date:		
Approving Authority: Ken Whitehead	Date:		
SDZ Created By:	Date: 11/05/2015	Unit: Range Operations	Phone: 706-544-6385 Email:
SDZ Name: Morris_090214	Aerial Target	Target Media: Earth	
Installation: Fort Benning, GA.	Distance X: 3,049.00 m	Lt GTL Azi: 138.20 deg	
Range Name: Morris (Oscar 5)	Area A: 100.00 m	Rt GTL Azi: 139.81 deg	
Range Officer:	Dispersion Angle: 5.00 deg	FP: 16SGB0540001748	
Min Target Dist: 25.00 m	Ricochet Angle: 5.00 deg	FP: 16SGB0537701728	
Max Target Dist: 25.00 m	Angle A: 30.00 deg	TP: 16SGB0541701729	
Direct Fire	Vertical Hazard: 163.00 m	TP: 16SGB0539401709	

FOUO Unclassified
Weapon Type: SMALL ARMS
Weapon Caliber: 5.56mm EPR



Range Manager Signature Authority: Brad Tesch	Date:		
Approving Authority: Ken Whitehead	Date:		
SDZ Created By:	Date: 11/05/2015	Unit: Range Operations	Phone: 706-544-6385 Email:
SDZ Name: Morris_090214	Aerial Target	Target Media: Earth	
Installation: Fort Benning, GA.	Distance X: 3,049.00 m	Lt GTL Azi: 138.20 deg	
Range Name: Morris (Oscar 5)	Area A: 100.00 m	Rt GTL Azi: 139.81 deg	
Range Officer:	Dispersion Angle: 5.00 deg	FP: 16SGB0540001748	
Min Target Dist: 25.00 m	Ricochet Angle: 5.00 deg	FP: 16SGB0537701728	
Max Target Dist: 25.00 m	Angle A: 30.00 deg	TP: 16SGB0541701729	
Direct Fire	Vertical Hazard: 163.00 m	TP: 16SGB0539401709	