

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: 1 March 2012 Log #2-21-12
Range: Wagner
Title: Machinegun Marksmanship and Sniper Training
Problem No:

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: FA 9378 8126 (Tower)

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
N/A			

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
Main Firing Line: FP1 to FP9 FA: 9382 8128 to 9378 8119	See Weapon & Ammo List	See Weapon & Ammo List	See Weapon & Ammo List	See Weapon & Ammo List
Zero Firing Line: FA: 9377 8113 to 9375 8112	See Weapon & Ammo List	See Weapon & Ammo List	See Weapon & Ammo List	See Weapon & Ammo List

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: *Benjamin T. Bolding*
Benjamin T. Bolding, GS-08, Chief Survey Technician

Name/rank of Major Unit S3/Commander: *Brad S. Tesch*
Brad S. Tesch, GS12, Chief of Range Operations

SECTION VI, FOR RANGE DIVISION USE

DATE: 15 MAR 12

TO: Range Operations
Fort Benning, GA. 31901

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

- a. Roadblocks to be closed:**
b. Road(s) to be closed/road barrier locations:
c. Remarks:
d. This approval expires: *Indef*

See roadblock enclosure.

LASER warning will be posted prior to opening the range. Range Safety briefing will include LASER hazards. Unit must have on site an approved risk management worksheet.

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

Brad S. Tesch

Wagner Range Range Div Standard Machinegun Marksmanship and Sniper Training (Log #2-21-12) Weapons/Ammo List Enclosure

Firing Positions	Weapons	Ammunition	Left Limit, Mils Grid Azimuth	Right limit, Mils Grid Azimuth
Main FL: FP1 to FP9 (FA) 9382 8128 to 9378 8119	M249/MK46, M16/M4/MK16 M240/MK48, MK17 M24/SR25/M110/MK17 .300 Win Mag, .338 Lapua Mag, .338 Win Mag	5.56mm Ball/Tracer 7.62mm Ball/Tracer 7.62mm M118 .300 Win Mag, .338 Lapua Mag, .338 Win Mag	2063 2063 2063 2063	2544 2544 2544 2544
Zero FL: (FA) 9377 8113 to 9375 8112	M249/MK46, M16/M4/MK16 M240/MK48, MK17 M24/SR25/M110/MK17 .300 Win Mag, .338 Lapua Mag, .338 Win Mag	5.56mm Ball/Tracer 7.62mm Ball/Tracer 7.62mm M118 .300 Win Mag, .338 Lapua Mag, .338 Win Mag	2337 2337 2337 2337	2545 2545 2545 2545

NOTE: Various LASER's (M68/AN-PEM1/PAQ4/PEQ2A, etc...) will be used during training. LASER warning signs will be posted prior to opening the range. The range safety briefing will include LASER hazzards



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
REGIMENTAL SPECIAL TROOPS BATTALION
75 TH RANGER REGIMENT
FORT BENNING, GEORGIA 31905-5853

IMSE-BEN-PLT-R

28 February 2012

MEMORANDUM FOR: Director, Plans, Training, Mobilization and Security, U.S. Army Garrison, Fort Benning, GA 31905

SUBJECT: Wagner Range, Machinegun Marksmanship and Sniper Training

1. REFERENCES:

- a. DA PAM 385-63
- b. MCoE Reg. 350-19

2. PURPOSE: The purpose of this training is to provide Machine gunners and Snipers with the capability to train on the fundamentals of marksmanship, familiarization fire of individual weapons, transition fire, and to understand calculations at known distances.

3. ENDSTATE: All Soldiers are properly zeroed, familiarized, and have a clear understanding of shooting known distances at a variety of ranges.

4. **SCENARIO FOR MACHINEGUN FIRING:**

a. Soldiers will use the 10 meter targets on Wagner Zero Range located to the right of the main firing line Grid 9377 8113 to 9375 8112 to zero all weapons. (See enclosure #2).

b. Preliminary Gunnery: In this phase, the gunner 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 fire commands.

c. Basic Gunnery: In this phase, the gunner 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.

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

e. 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 soon as possible. This will allow the Soldier to maintain the same level of proficiency as the other Soldiers.

f. End State: 100% of the Soldiers attending training safely, trained to standard and all equipment and personnel accounted for.

5. These operations will be divided into phases listed below:

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SUBJECT: Wagner Range Machinegun Marksmanship and Sniper Training

- a. Phase 1: The unit will occupy Wagner Range and establish communications with Range Control. Open the range by emplacing the following control measures, medical support, and range safety brief.
- b. Phase 2: Training begins according to the FB 350-19-1-E-R (Firing/Non-Firing Data).
- c. Phase 3: The recovery phase will consist of recovery of all equipment, personnel, clean-up, after action review and closure with range control.

6. Safety for Machinegun:

- a. There will be no de-linking or re-linking of any ammunition. Any ammunition that has been de-linked or re-linked is considered nonstandard and is prohibited from the range.
- b. See paragraph nine for weapon clearing procedures on and off the range.
- c. Weapons will be oriented down range while on the firing line.
- d. Weapons will be on safe when not engaging targets.
- e. See additional Safety statements at Paragraphs eight and nine.
- f. During the Machinegun phase no one will move past the firing line.

7. Sniper Training:

- a. Familiarization Fire: Soldiers will be firing their weapon systems from 100-800M from the main firing line. All range commands will be administered by the range OIC and RSO throughout all stages of firing, including but not limited to familiarization firing. No one will move down range at any time.
- b. Transition Fire: Soldiers will use machine gun targets in order to work on techniques of sniper team employment. Sniper Teams will detect, range, and engage targets at various ranges. Soldiers/Snipers will only fire at targets in their lane.
- c. 10m and 25m Zero: Soldiers will utilize a portion of Wagner Range, Grid 9377 8113 to 9375 8112 to zero all weapons. (See enclosure #2).
- d. End State: 100% of the Soldiers attending training safely, trained to standard and all equipment and personnel accounted for.

8. These operations will be divided into phases listed below:

- a. Phase 1: The unit will occupy Wagner Range and establish communications with Range Control and open the range by emplacing the following control measures, medical support, and range safety brief.
- b. Phase 2: Training begins according to the FB 350-19-1-E-R (Firing/Non-Firing Data).

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SUBJECT: Wagner Range Machinegun Marksmanship and Sniper Training

- c. Phase 3: The recovery phase will consist of recovery of all equipment, personnel, clean-up, after action review and closure with range control.
- d. During all aspects of firing, Soldiers will have a block of instruction administered by the OIC and RSO on each weapon system to include: weapon safety, malfunctions, ammunition safety, laser safety, positions to be fired from, and overall range safety. All lane safeties will assist in controlling Soldiers and ensure all Soldiers will fire at targets in their respective lanes. Any Soldier found to be conducting an unsafe act will be pulled from the firing line for retraining. Prior to firing, the range OIC and RSO will make it inescapably clear that no one on the range outranks safety and that any observed unsafe act will demand the immediate cease fire and recertification of the act prior to continuing training.
- e. Soldiers will be issued ammunition at the ammunition point which will be under the direct supervision of the range OIC. Soldiers will only load weapons when on the firing line and after given the command to do so and clear weapons before leaving the firing line (both zero and main firing line). During firing, ammunition will be stored on the Soldier's person.

9. **Safety:**

- a. Prior to engaging targets, the range OIC and RSO will ensure that no unauthorized ammunition is on the range and the appropriate ammunition for their respective weapon system.
- b. All Soldiers will wear the appropriate personal protective gear (hearing and eye protection at a minimum).
- c. Soldiers will receive a safety briefing/orientation on the scenario.
- d. Weapons will not be loaded until on the firing line, zero and main firing line, and only after given the order to do so and cleared prior to removing from the firing line.
- e. OIC/RSO will control all personnel, weapons and ammunition moving to and from the main firing line and the zero firing line and supervise both zero and main firing line engagements.
- f. All ammunition will be controlled, issued and collected by a qualified NCO at the ammunition point. Ammunition will be separated according to type and regulations. All unused ammunition will be returned to the ammunition point.
- g. 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.**
- h. 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.

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SUBJECT: Wagner Range Machinegun Marksmanship and Sniper Training

- i. Machinegun marksmanship training and sniper training cannot be conducted simultaneously.
- j. Units must have an approved RMWs signed by Post Safety and on file at Range Operations (Survey Section) prior to use of Wagner Range.
- k. Medical coverage will be in accordance with current regulations. 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 USAIC 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Range Control will be notified in this event. The cease fire will remain in effect until cleared through Range Control.
- l. Weapons/Ammunition Malfunction Reports: When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Range Control. The weapons and all components and ammunition involved will remain in place. The cease fire will remain in effect until cleared through Range Control. An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL..
- m. 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 Range Control and the using unit's higher headquarters. OIC/RSO will take action as directed by Range Control. The cease fire will remain in effect until the problem is resolved and cleared through Range Control. 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 Range Control:
 - 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.
- i. **There will be no deviations to this packet unless approved by Range Control Chief of Range Operations.**

10. **Weapons Clearing Procedures:**

- a. All Soldiers will have their weapons rodded with a one piece rod or similar device before entering the live fire range and proceeding to their firing positions by a qualified range safety.
- b. Upon the completion of the Soldiers firing exercise and before leaving the firing position the Soldier will have his/her weapon rodded with a one piece rod or similar

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device and visually inspected/cleared by a qualified range safety. This person cannot be a Soldier in a training status.

c. The Soldier will then proceed off the firing line to the clearing barrel (If Available) where they will dry fire his/her weapon IAW published procedures.

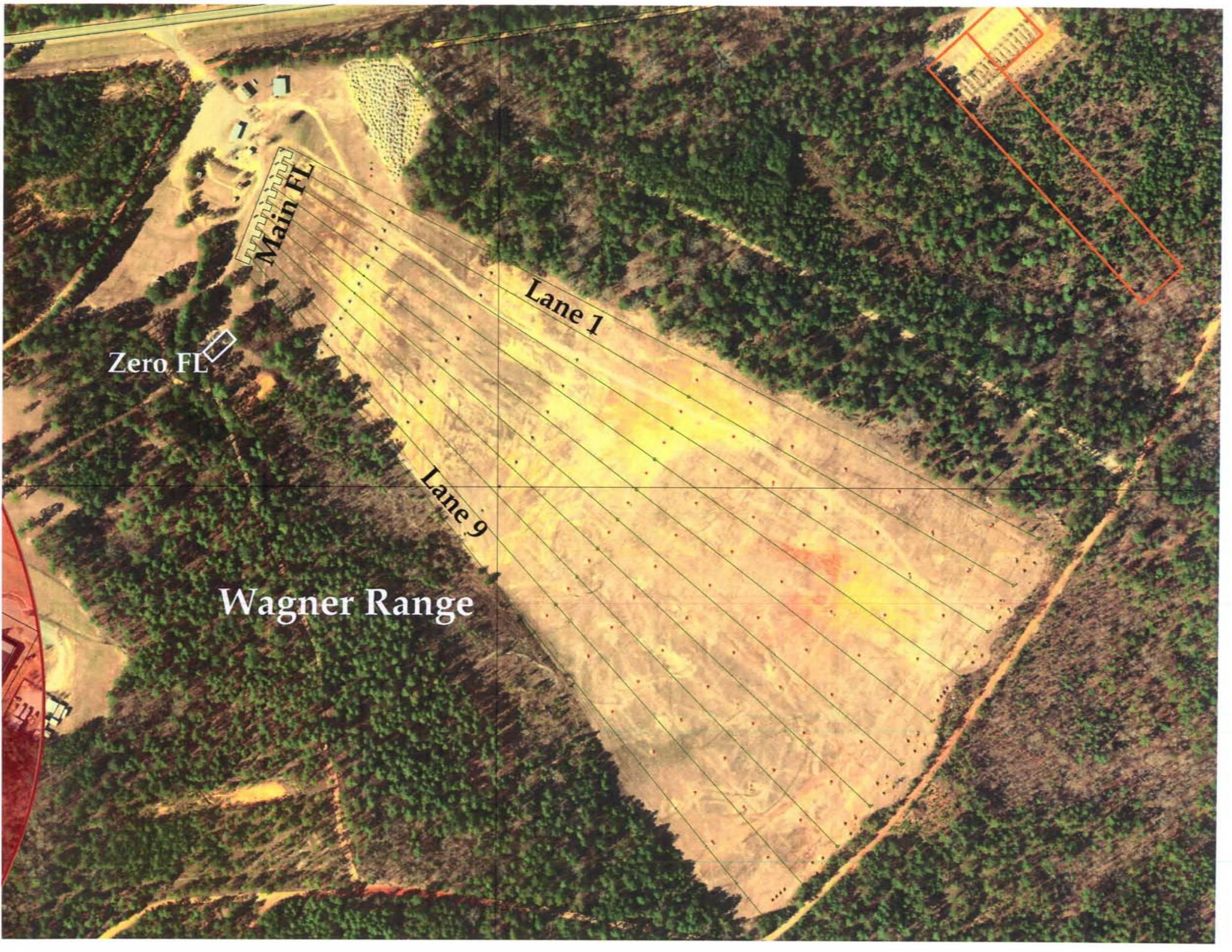
d. Before exiting the range, the Soldier will have his/her weapon rodded with a cleaning rod or similar device by a qualified range safety.

e. Once off the range Soldiers will be contained in a small assembly area where a full ammunition and brass check will be conducted by the Range Safety Officer before being released back with the remainder of the Soldiers on the range.

11. POINT OF CONTACT: The point of contact of this memorandum is the undersigned and can be reached at (706) 544-6385 at Range Operations.

A handwritten signature in black ink, appearing to read "Brad Tesch". The signature is written in a cursive, flowing style.

BRAD TESCH
GS12/ Chief of Range Operations
Range Division



Wagner Range

Lane 1

Lane 9

Main FL

Zero FL

Wagner Range

Main FL

Zero FL

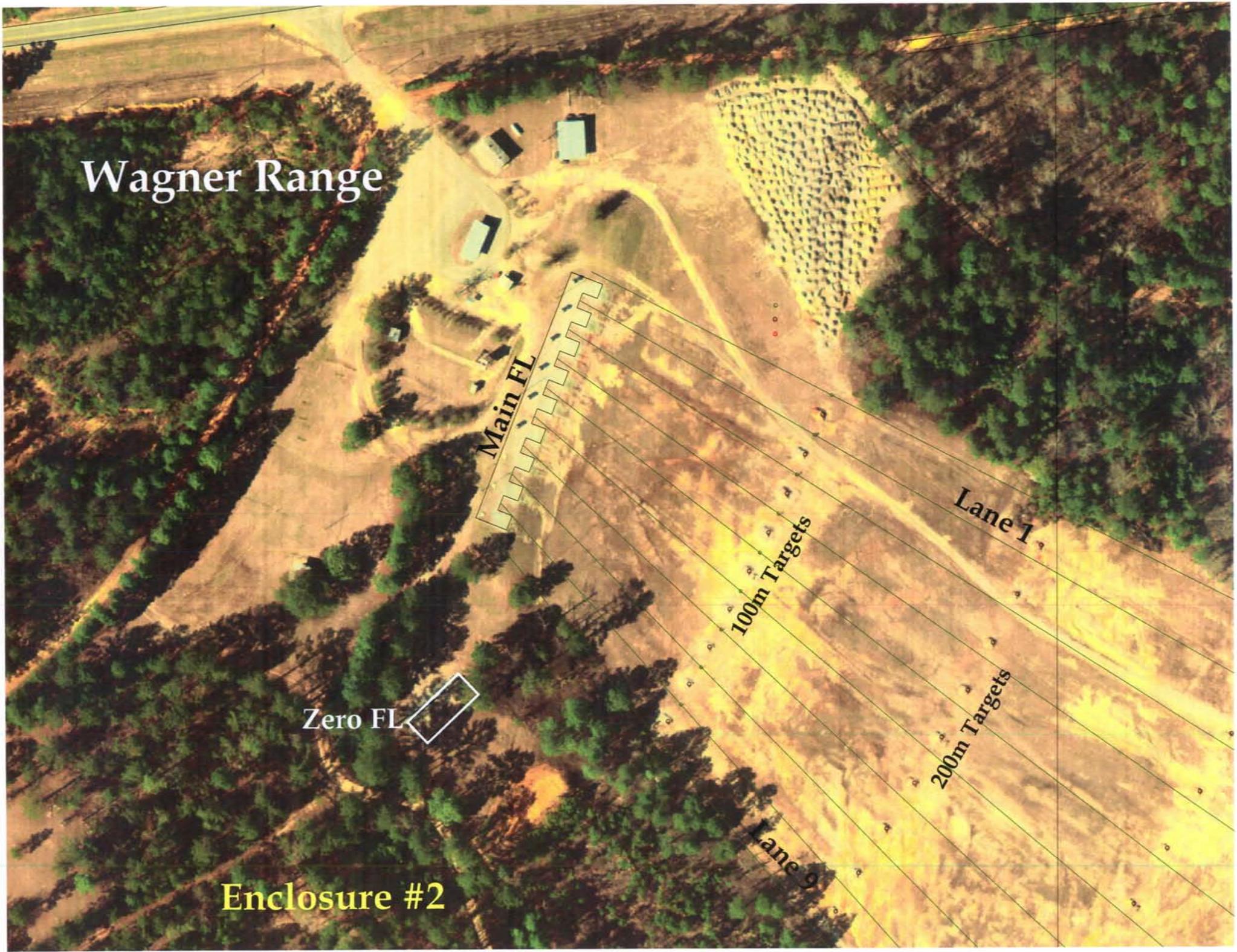
Enclosure #2

100m Targets

Lane 1

200m Targets

Lane 9



Wagner Range Range Div Standard Machinegun Marksmanship and Sniper Training (Log #2-21-12) Roadblock List , 12 JAN 2012

BLOCK	GRID	LOCATION	TYPE
A-1	FA 911 792	Across firebreak 200m down Fiske Range at right end of KD berm. Permanently closed.	Cable
A-2	FA 910 783	Off Sightseeing Rd on unnamed trail opposite of entrance to LRC.	Gate
A-4	FA 925 766	Off Sunshine Rd 1,200 m W. of entrance to Grandstaff range.	Gate
A-5	FA 936 762	Across entrance road to Grandstaff Range. 10m N. of Sunshine Rd.	Gate
A-6	FA 939 763	Off Sunshine Rd 100m W. of Oswichee Creek. Permanently closed.	Cable/ Berm
A-8	FA 968 740	Across unnamed trail 30m N. of Sunshine Rd and 800m N.W. of entrance to Griswold Range.	Gate
A-10	GA 018 730	Across entrance road to Flint Range. 50m N. of Sunshine Rd.	Gate
A-11	GA 019 731	Across Lumpkin Trail 30m N. of its intersection with Sunshine Rd.	Gate
A-11A	GA 032 729	Rd guard pos # 2 for Garnsey Rng Obj 'E' (intersection Jamestown/Sunshine Rd's	Rd Grd # 2
A-12	GA 033 742	Across Garnsey Rd 50m W. of its intersection with Jamestown Rd.	Gate
A-12A	GA 029 744	Across Garnsey Rd 400m W. of A-12 Roadblock.	Gate
A-12B	GA 028 741	Across trail 150m SW of A-12A Roadblock. 50m W. of Range Bldg.	Gate
A-12C	GA 036 746	Road guard position # 3 for Garnsey Rng Objective 'E' (Jamestown at Lightning Rd)	Road Guard# 3
A-13	FA 936 762	Across Sunshine Rd 10m E. of the entrance to Grandstaff Range. (Road guard location)	Gate
A-14	FA 974 733	Across Sunshine Rd 10m W. of the entrance to Griswold Range. (Road guard location)	Gate
A-15	GA 021 799	Across entrance road to Buchanan Range.	Gate
A-15A	GA 021 798	Gate Across Good Luck Rd	Gate
A-15B	GA 022 796	Road guard position # 1 for Garnsey Rng Objective 'E' (Jamestown road SW corner of Engineer building)	Road Guard # 1
A-18	FA 993 828	Across Buckeye Rd 225m S. of its intersection with 1st Div Rd. and 50m E. of entrance to Duke Range	Gate
A-19	FA 973 825	Across entrance road to Patton Range 400m S. of its intersection with 1st Div Rd.	Gate
A-20	FA 974 827	Across entrance road to Dianda Range. 300m S. its intersection with 1st Div Rd.	Gate
A-22	GA 015 817	Across unnamed trail 50m N. of Brinson Range and 10m off Jamestown Rd.	Gate
A23	FA 983 756	Across Lumpkin Trail 200m E. of Griswold Range	Gate
A-23A	GA 005 748	On Lumpkin trail 50m NW of Objective 'E' on Garnsey Range.	Gate
A-23B	GA 005 747	Adjacent to A-23A gate on trail near intersection of Lumpkin trail	Install Gate
A-24	GA 015 811	10m inside entrance gate of Brinson Rng south of entrance road.	Gate
A-25	GA 016 789	Across fire break 10m W. of its intersection with Good Luck Rd.	Gate
A-26	GA 013 798	On L/S of Buchanan Range 50 meters W. of chow area across entrance to fire break.	Cable
A-27	GA 018 805	Across unnamed trl 175m N of intersection of Hourglass and Jamestown roads	Gate

BLOCK	GRID	LOCATION	TYPE
A-28	GA 012 774	20 meters off Yankee road on south side of Galloway range.	Gate
A-28A	GA 011 776	30 meters south of Range Tower	Gate
A-30	GA 026 758	Across fire break leading to Garnsey Range. 140m SW of Brann Flat Range.	Gate
A-30A	GA 027 758	Across trail leading to Garnsey Range 50m E. of A-30 Roadblock	Gate
A-31	GA 020 745	Across fire break leading to Brann	Cable
A-32	FA 989 724	Across entrance road to Kunzig Range.	Gate
A-33	FA 974 734	Across entrance to Griswold Range.	Gate
A-33A	FA 979 739	150 meters west of Target Systems bldg on trail leading to move to contact site	Gate
A-33B	FA 982 739	20m N of Target Sys bldg on trail running on west side of bldg.	Install Gate
A-34	FA 947 760	Across entrance to Minter Hill 700m E. of Oswichee Creek.	Gate
A-38	FA 952 816	Across fire break 300m down range of firing line on Red Cloud Range on L. side of range.	Cable
A-39	FA 956 822	Across unnamed trail 100m S. of bldgs on Buckner Range on L. side of range	Cable
A-40	FA 967 823	Across fire break 50m down range on the left side of Pierce Range.	Gate
A-41	FA 972 820	Across fire break located on the right side of the firing line on Patton Range.	Cable
A-42	FA 978 820	Across fire break located on the left side of the firing line on Patton Range.	Cable
A-43	FA 983 823	Across fire break located on the right side of	Cable
A-44	FA 986 823	Across fire break 100m E. of the 25m flat range on Booker Range	Gate
A-45	FA 990 827	Across fire break located on the right side of the firing line on Duke Range.	Gate
A-45A	FA 991 829	Across Booker Breach site entrance road 200m past Duke Rng entrance gate	Gate
A-46	FA 984 832	Across unnamed trail 100m W. of the intersection of 1st Div Rd and Ivy Rd.	Gate
A-47	FA 990 833	Across unnamed trail 500m W. of the intersection with 1st Div & Buckeye Rd's	Gate
A-48	FA 995 827	Across fire break located on the right side of the firing line on Porter Range.	Cable
A-49	FA 998 827	Across fire break located on the left side of the firing line on Porter Range.	Cable
A-50	GA 000 830	Across unnamed trail 200m W. of entrance to Maertens Range.	Gate
A-51	GA 031 791	Barrier on Furman Rd	Barrier 1
A-52	GA 034 776	Barrier on Yankee Rd	Barrier 2
A-53	GA 035 776	Gate to Cole Range	Barrier 3
A-54	GA 046 749	Barrier off Lightning Rd on unnamed trail	Barrier 5
A-55	GA 057 759	Barrier off Lightning Rd on unnamed trail	Barrier 4



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



EMD Number: 1122901

Project#: M6126

Project Title: Weapons Qualification

Description of proposed action:

Range will be used for qualification of M249/M240B machine guns. Number of personnel varies due to those who need to be trained when ranges are scheduled. (Renewal ~KP)

Project Location:

Wagner Range

Amount, Description, Location of Disturbance/Digging:

None

Number/Types of Vehicles:

GSA vehicles varied numbers

Number of Personnel:

Varied numbers of personnel

Type of Ammunition:

5.56MM, 7.62MM Live

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 10/1/2011

Stop: 9/30/2012

Proponent: stacey.ballesteros

706-545-5677

Organization/Unit: Range Division

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, 2012

Hazardous Materials/Waste

Conditions:

Dudley Carson (706 545 7570), 8/18/2011

Considerations for Field Training Exercises and Range Operations

1. Appropriate precautions must be taken to prevent hazardous material spills. Have adequate quantities of spill response supplies on hand. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up spill according to guidance provided by the Environmental Protection Management Branch. Any waste generated must undergo a waste stream analysis to determine appropriate management requirements. If any hazardous waste is generated it must be managed in accordance with Federal, State, Army and Fort Benning regulations.
2. Ensure personnel know the correct procedure for handling misfires at the range:
 - 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.
 All excess, unused munitions (including smoke canisters) must be returned to the Ammunition Supply Point (ASP) after the range operation is complete. Defective, misfired, or otherwise unserviceable munitions may be destroyed on the range, as part of the training exercise, in coordination with EOD.
3. Rubbish, empty containers and other waste shall be removed from the training area after the exercise. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise.
4. Contact POC for questions or additional guidance.

Natural Resources - RCW

None

Michael Barron (706 544 7080), 8/17/2011

Example Unit/Activity SOP for Training and Deployment

Introduction

This SOP is divided into two main sections: PREVENTION & RESPONSE. The following sections will assist you in planning your environmental activities while bedding down, initiating, sustaining and conducting field exercises, and/or during deployment. Before you deploy, ensure you are familiar with the following:

What Are Hazardous Materials and Hazardous Wastes

Hazardous Materials are defined as any material that may be a health or physical hazard, or any material that, based on either chemical or physical characteristics, is capable of posing a risk to human health or the environment if improperly disposed of, handled, stored, or transported. Chemical and physical characteristics that may pose a risk to human health or the environment include, but not limited to, one of the following characteristics: Ignitable; Corrosive; Reactive and/or Toxic.

Hazardous Waste: is defined as any discarded material (solid, liquid or gas) that:

1. Has no further value and cannot be reused or recycled;
2. Is harmful to human health or the environment due to its quantity, concentration, biological, chemical or physical characteristics; and/or
3. Exhibits one or more of the characteristics as described for Hazardous Material.

Contaminated or unusable fuel is a typical hazardous material/hazardous waste common to training and deployment operations and should be handled, stored, and disposed of properly.

Ten of the most common hazardous materials/hazardous wastes that you will encounter during training and or deployment operations include:

- Fuel
- Engine Oil
- Bleach or DS-2
- Solvent
- Anti-Freeze
- Transmission Fluid
- Used Oil Filters or Batteries
- Empty POL Containers
- Brake Fluid
- Grease.

These materials should be handled, stored and disposed of properly.

SPILL KITS: Spill kits should be maintained in and around all locations where hazardous materials/hazardous wastes are stored, handled, or disposed. Various types of kits may be ordered through the U.S. Army Supply System and include: rubber gloves, safety goggles, putty, rubber mallet, wooden plugs, absorbent booms, absorbent pads, plastic bags, and in some cases, a disposal barrel.

SPILL PREPARATION: Despite the best prevention, you may run into difficulties and an accident may occur when you least expect it. To minimize contamination, hazards to people, and environmental damage, you must REACT immediately. To help you prepare, this SOP will tell you:

to remember your CHECK list:

Containment:

___ Ensure that secondary containment is used and in good condition.

___ Empty water within secondary containment on a regular basis and dispose of it as hazardous waste at the Hazardous Waste Collection Point.

Hazardous Material/Hazardous Waste locations:

___ Make sure the locations of your hazardous material/hazardous waste are well chosen.

___ Put up warning signs and keep them clean and orderly.

Environmental Documentation:

___ **Maintain MSDSs for each hazardous material and update Unit/Activity SOPs and Spill Response Plans regularly.**

Containers:

___ Check condition of containers and keep containers of incompatible materials in proper order.

Kits:

___ Place Spill Kits, First Aid Kits, and Emergency Response Kits in the vicinity of the hazardous material/hazardous waste areas.

See Appendix D of the ASP for specific CHECKlists for areas such as: Vehicle Fueling & Maintenance Areas; Hazardous Waste Collection Points; and Hazardous Material Supply & Storage Areas.

Response

Be prepared to respond immediately to any spill situation. Keep your Environmental SOP and Spill Response Plan (SRP) readily available at the main hazardous material/hazardous waste areas. The SRP should ensure that the following measures are implemented:

- PERSONAL PROTECTIVE EQUIPMENT (PPE) - At the entrance of every hazardous material/hazardous waste area, keep a supply of PPE to protect hands, eyes, skin, ears, head, feet, and lungs. If you are unsure about which items you need, consult the MSDS for the HMs that you are using.
- MSDS - Make sure that MSDSs are available in order to REACT to spills safely and effectively.
- SPILL STATIONS - Maintain spill response equipment at a station near (not inside of) hazardous material/hazardous waste areas. They should contain: First Aid Kits, Fire Extinguishers, Spill Response Kits, and Emergency PPE.
- TRAINING - Improve your readiness by practicing the SPILL DRILL on a regular basis, and be sure to know the spill reporting process.

Respond to spills, major or minor, immediately in order to eliminate hazards that could cause personal injury and/or environmental damage. If assistance is required, or spill/release is major, immediately call 911 or the Fort Benning Military Police (MP) Desk.

APPENDIX H

Spill Kits and Response Material Checklists

Summary Spill Kit and Response Material Checklist

Recommended Spill Kits for Unit/Activity Motor Pools, Aircraft Hanger Areas, and all POL Field Sites

Recommended Spill Kits for Fuel Carrying Vehicles

Recommended Spill Kits for Other Military Vehicles

Vehicles Transporting Hazardous Materials other than POL

Recommended Spill Kits for Unit/Activity Motor Pools, Aircraft Hanger Areas, and all POL Field Sites

30-Gallon POL Boom Kit: Absorbs Approx. 40 Gallons
Polyurethane 2 Rolls
55-Gallon POL Kit: Absorbs Approx. 40 Gallons
1 55 Gallon Drum
2 Bags Absorbent
6 Booms 2x10
50 Absorbent Pads
10 Heavy Duty Trash Bags

Recommended Spill Kits for Fuel Carrying Vehicles

It's recommended that all fuel carrying vehicles should have a transportation pack spill kit or equivalent spill equipment on board at all times. The following vehicles are considered to be fuel transporting vehicles: HEMITT M971 2500 gallons, Tanker 5000 gallon, M49C 1200 gallon, Tank and Pump unit 600 gallon.

The following is a list of the minimum level of spill equipment recommended to be on hand in all fuel carrying vehicles, especially if they are traveling within the Installation or in a field exercise.

Drip Pan

30-Gallon POL Kit: Absorbs Approx. 20 Gallons
1 30 Gallon Drum
1 16 pound bag Absorbent
3 Booms 2x10
25 Absorbent Pads ~17x19
5 Heavy Duty Trash Bags
1 Dust Pan

Recommended Spill Kits for Other Military Vehicles

Recommended on Vehicle Equipment (OVE) for small spills (usually from vehicle leaks):

1 drip pan
4-5 absorbent pads
1-2 plastic bags.

Additional Materials or Equipment

For each one of these recommended spill kits, the following should be available:
PPE such as: Goggles and Gloves. (2-3 pairs)
1 Shovel
2 Labels for wastes
1 Spill report
1 Inventory

Vehicles Transporting Hazardous Materials other than POL

- ✓ Transportation of hazardous materials is regulated under the Department of Transportation. Personnel transporting hazardous materials must follow all DOT requirements.
- ✓ As a preventive measurement, vehicles transporting small amounts of hazardous materials or waste should have a transportation pack spill kit or equivalent spill equipment on board to REACT in the event of an incident.

Spill Response Record

PHASE I-IMMEDIATE ACTIONS FOR EVALUATING AND REPORTING SPILLS:

IMMEDIATELY REPORT ALL SPILLS TO YOUR SUPERVISOR AND/OR CALL 911 or the Fort Benning Military Police (MP) Desk

****BE PREPARED TO PROVIDE THE FOLLOWING INFORMATION TO THE 911 OPERATOR:**

During Duty Hours also Call Mr. Felix Seda, EMD Spill Manager at (706) 545-9879

1. DATE/TIME OF SPILL: _____ / _____
2. LOCATION: _____
3. MATERIAL SPILLED (include NSN and ingredients, if able): _____
4. HAZARD: FLAMMABLE _____ TOXIC _____ CORROSIVE _____
OXIDIZER _____ REACTIVE _____ UNKNOWN _____
OTHER (Specify) _____
5. CAUSE OF SPILL: _____
6. DESCRIPTION OF SPILL QUANTITY, SIZE AND TYPE OF AREA AFFECTED:
 - a. Quantity Released and Size of Spill Area: _____
 - b. Soil: _____
 - c. Pavement: _____
 - d. Vegetation: _____
 - e. Storm or Sewer Drain: _____
 - f. Name of body of Water (River, Creek, Pond, Lake, Drainage Ditch): _____
7. HAS RELEASE BEEN STOPPED? _____
8. HAS RELEASE BEEN CONTAINED? _____
9. DID RELEASE CROSS INSTALLATION BOUNDARIES: (IF YES, DESCRIBE LOCATION): _____
10. TYPE AND EXTENT OF INJURIES, IF ANY: _____

****Provide a copy of this form to DPW EMD Spill Program Manager or FAX to (706) 545-4209**

PHASE II -- POST-SPILL RESPONSE AND CLEAN UP ACTIONS:

11. DESCRIBE CLEAN-UP METHOD AND CONTAINMENT PROCEDURES: _____
12. NAME OF CONTRACTOR INVOLVED IN CLEAN-UP: _____
13. ESTIMATED AMOUNT OF SPILL RESIDUE AND CONTAMINATED MATERIAL REMOVED: _____
14. ESTIMATED COST OF CLEAN-UP: _____
15. CORRECTIVE ACTION TAKEN OR TO BE TAKEN TO PREVENT FUTURE SIMILAR INCIDENTS: _____
16. NAME AND PHONE NUMBER OF PERSONNEL REPORTING SPILL: _____

****KEEP THIS FORM FOR A MINIMUM OF 5 YEARS**



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



EMD Number: 1125905

Project#: Unknown

Project Title: RSTB Known distance training

Description of proposed action:

Training will consist of familiarization firing, known distance firing, and transition firing from 25 meters up to 800 meters with various weapon systems utilizing 9mm, 5.56 ball, 7.62 ball, 300 WIN MAG, and PLUS 50 CAL. Laser aiming devices and night vision optics will be utilized during day and night fires. For known distance firing various firing positions will be utilized to include prone, prone supported, prone unsupported, kneeling, and offhand.

Project Location:

McAndrews, Easley, and Wagner ranges

Amount, Description, Location of Disturbance/Digging:

N/A

Number/Types of Vehicles:

None

Number of Personnel:

None

Type of Ammunition:

9mm, 5.56, 7.62, 300 WIN MAG, 50 CAL Live

Number/Types of Trees:

N/A

Size of Project Area: NA

Duration of Action: Start: 9/20/2011

Stop: 9/30/2012

Proponent: e.currier

706-626-2628

Organization/Unit: 75th Ranger Regiment

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, 2012

Hazardous Materials/Waste

Conditions:

Dudley Carson (706 545 7570), 9/19/2011

Considerations for Field Training Exercises and Range Operations

1. Appropriate precautions must be taken to prevent hazardous material spills. Have adequate quantities of spill response supplies on hand. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up spill according to guidance provided by the Environmental Protection Management Branch. Any waste generated must undergo a waste stream analysis to determine appropriate management requirements. If any hazardous waste is generated it must be managed in accordance with Federal, State, Army and Fort Benning regulations.
 2. Ensure personnel know the correct procedure for handling misfires at the range:
 - 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.
- All excess, unused munitions (including smoke canisters) must be returned to the Ammunition Supply Point (ASP) after the range operation is complete. Defective, misfired, or otherwise unserviceable munitions may be destroyed on the range, as part of the training exercise, in coordination with EOD.
- 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, dated 23 July 2010.
3. Rubbish, empty containers and other waste shall be removed from the training area after the exercise. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise.
 4. Contact POC for questions or additional guidance.

Noise

Conditions:

Ellis Leeder (706 545 7576), 9/19/2011

This is normal training operations that must be conducted. If there is any noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate by determining if the noise was detected by noise detection monitors, and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding no fly zones. Please follow good smoke management practices not allowing smoke to travel off Installation boundary into public areas or roads. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved sites. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise program is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.leeder@us.army.mil

CWA - Training

Conditions:

Jessica Taylor (706-604-4572), 9/19/2011

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 (Figure 6.9.1) 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.

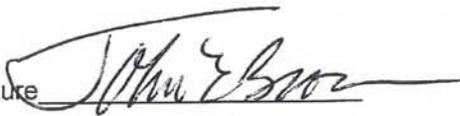
General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained -- REACT 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.

SPECIAL NOTE: See 2010 ASP SOP Training and Deployment.doc for further training requirements.

Natural Resources - RCW

None

Michael Barron (706 544 7080), 9/16/2011

Signature 

John E Brown

NEPA Program Manager

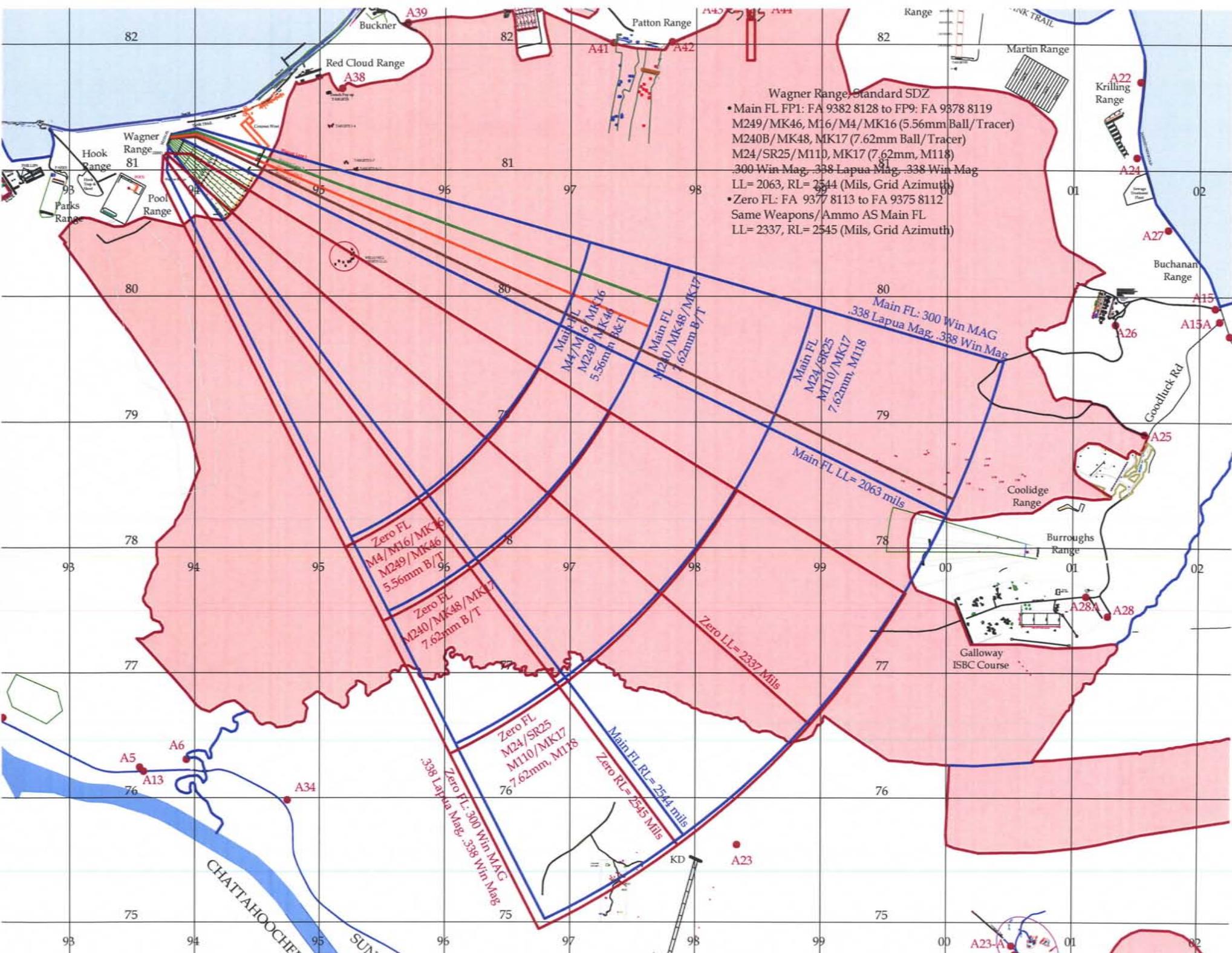
Date 21 Sep 2011

Signature 

Christopher E. Hamilton, PhD

EPMB Chief

Date 21 Sep 11



Wagner Range Standard SDZ

- Main FL FP1: FA 9382 8128 to FP9: FA 9378 8119
- M249/MK46, M16/M4/MK16 (5.56mm Ball/Tracer)
- M240B/MK48, MK17 (7.62mm Ball/Tracer)
- M24/SR25/M110, MK17 (7.62mm, M118)
- .300 Win Mag, .338 Lapua Mag, .338 Win Mag
- LL= 2063, RL= 2544 (Mils, Grid Azimuth)
- Zero FL: FA 9377 8113 to FA 9375 8112
- Same Weapons/ Ammo AS Main FL
- LL= 2337, RL= 2545 (Mils, Grid Azimuth)

Zero FL
M4/M16/MK16
M249/MK46
5.56mm B/T

Zero FL
M240/MK48/MK17
7.62mm B/T

Zero FL
M24/SR25
M110/MK17
7.62mm, M118

Main FL RL= 2544 Mils
Zero RL= 2545 Mils

Main FL: 300 Win MAG
.338 Lapua Mag, .338 Win Mag

Main FL LL= 2063 Mils

Main FL
M24/SR25
M110/MK17
7.62mm, M118

Main FL
M4/M16/MK16
M249/MK46
5.56mm B&T

Main FL
M240/MK48/MK17
7.62mm B/T

