

### 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:** April 9, 2013  
**Range:** Patton Range  
**Title:** US Weapons  
**Problem No:**

Log #4-02-13

**THRU:** Chief, Range Operations, DPTMS

**FROM:** Chief, Survey Section, Range Operations, DPTMS

#### SECTION I, TYPE OF TRAINING

a. Live Fire       b. Non-live Fire      CP/Controller Coordinates: FA 9754 8205

#### 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
See Weapons & Ammo List	See Weapons & Ammo List	See Weapons & Ammo List	See Weapons & Ammo List	See Weapons & 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, GS08, Chief Survey Technician

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

#### SECTION VI, FOR RANGE DIVISION USE

**DATE:** *18 Apr 13*

**TO:** Chief, Range Operations, DPTMS  
Fort Benning, GA. 31905

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

<b>a. Roadblocks to be closed:</b>	See Roadblock List Enclosure.
<b>b. Road(s) to be closed/road barrier locations:</b>	.50 cal, MK211 API (A608) is not authorized for use on this Range
<b>c. Remarks:</b>	
<b>d. This approval expires:</b> <i>Indef</i>	

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

*Brad S. Tesch*

**Patton Range Range Division Standard US Weapons (Log # 4-02-13) Weapons/Ammo List Enclosure April 9, 2013**

Firing Positions	Weapons	Ammunition	Left Limit, Mils Grid Azimuth	Right limit, Mils Grid Azimuth
Left (Lower) Firing Line FP's 1-14: 9770 8198 to 9759 8200 See Note Below.	M2, M240/MK48 M249/MK46, M203/M320 MK19/MK47	.50 cal Ball/Tracer/API, 7.62mm Ball/Tracer 5.56mm Ball/Tracer, 40mm TP 40mm TP	3040	3650
Right (Upper) Firing Line FP's 1-16: 9748 8201 to 9739 8203	M203/M320, AT4	40mm TP, 9mm Sub-Cal	2840	3715
Right (Upper) Firing Line FP's 1-6: 9748 8201 to 9745 8202 See Note Below.	MK19/MK47	40mm TP	3030	3505
Right (Upper) Firing Line FP's 13-16: 9741 8203 to 9739 8203 See Note Below.	AT4, M3 RAAWS M72 LAW, M72AS LAW Trainer SMAW M141	9mm Sub-Cal, 84mm TP, Smoke, ILL, 7.62mm 35mm Sub-Cal, M73, 21mm Sub Cal CPR HX07, 21mm Sub-Cal	2840	3335
Right (Upper) Firing Line FP's 13-16: 9741 8203 to 9739 8203 See Note Below.	AT4, M3 RAAWS M72A2-9 LAW, M141 SMAW	(AT4) HEAT, (M3 RAAWS) HE/HEAT/HEDP (M72 LAW) HEAT, (M141 SMAW) HEAA, HEDP, NE	3155	3260

**M2 .50 cal Ammunition Note:** .50 cal ammunition API MK211, DODIC A606, is not authorized for use on Patton Range. **Left (Lower) Firing Line Note:** The first target located on the left approx 150m downrange cannot be engaged. **Right (Upper) Firing Line MK19/MK47 Notes:** The first four targets located approx 135m - 200m downrange cannot be engaged with MK19 and MK47 40mm TP. **Right (Upper) Firing Line M3 RAAWS Smoke Notes:** The first target located approx 135m downrange cannot be engaged with RAAWS Smoke. **Right (Upper) Firing Line HE, HEDP, HEAT, HEAA, NE Notes:** The only target authorized for these munitions is located approx 325m downrange (see photo enclosure). **Right (Upper) Firing Line RAAWS TP, Smoke, ILL and M141 SMAW CPR Notes:** These munitions cannot engage the target located approx 600m downrange on the far right side of the woodline.



DEPARTMENT OF THE ARMY  
INSTALLATION MANAGEMENT COMMAND  
SOUTHEAST REGION, GARRISON COMMAND  
35 RIDGEWAY LOOP, ROOM 385  
FORT BENNING, GA 31905

IMBE-PLT-O

23 April 2012

MEMORANDUM FOR RECORD

SUBJECT: Live Fire Scenario for Patton Range

1. Commander's Intent: The intent is for Soldiers to conduct training on range determination, target detection, application of marksmanship fundamentals, live fire exercise (load, fire, reduce stoppage and other skills needed to engage a target) and safety procedures.
2. Concept of Operation: Units conduct US Weapons proficiency training in accordance with FB Form 350-19-1-E-R (Firing/Non Firing Data). All firing will be done from the firing lines on tripod or vehicle mount according to weapon system. Weapons to be fired (See weapon and ammunition list for type of approved ammunition):
  - a. M249, MK46
  - b. M240, MK48
  - c. M2
  - d. M203, M320
  - e. MK19, MK47
  - f. RAAWS
  - g. AT4
  - h. LAW
  - i. SMAW
3. Scheme of Maneuver: Range is opened and closed thru Range Control by OIC. User unit detail arrives and conducts range set up to include weapons placement under OIC supervision. As Soldiers arrive, they move to the designated staging area. Cadre and Soldiers receive their Safety Briefing from the RSO/OIC.
4. PURPOSE/TRAINING OBJECTIVE: Units require above training to fulfill a complete range of marksmanship training in accordance with wartime requirement. All three phases of training will be conducted at either the concurrent training area or holding area or firing lanes on the range. There will be no Ammunition in the concurrent training or the holding areas.
  - A: In the fundamental phase, the Soldiers will learn the following skills, such as dry-fire exercises, preparation of positions, manipulation of the T&E, range determination, and sighting and aiming. The Soldier must master these skills before progressing to the basic marksmanship phase. There will be a weapons and ammo check to make sure there are no live rounds during this dry fire exercise.
  - B: In the basic marksmanship phase, the Soldier learns the basic of loading, zeroing, and engaging of single and multiple targets from the firing lines on the range.
  - C: In the advanced phase, the Soldier is trained in engaging stationary targets and firing using firing commands. All weapons will be fired from firing points on the firing line (See Firing Line Sketch).
  - D. 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 a task and will re-train the Soldier as soon as possible. This will allow the Soldier to maintain the same level of proficiency as the other Soldiers. Concurrent and holding training areas are located IVO grid 9748 8222. See photo enclosure #1.

5. Scenario's to be conducted:

a. **Left Lower Firing Line (FP's 1-14)**: Grid 9770 8198 to 9759 8200. (See photo enclosure #1)

1. Weapons that can be fired on this firing line are:

- a. M249, MK46 (5.56mm ball/tracer).
- b. MK48, M240 (7.62mm ball/tracer).
- c. M2 (.50 cal ball/tracer).
- d. M320, M203 (40mm TP only). **M203, M320 must have at least 6 meters separation.**
- e. MK19, MK47 (40mm TP only).

2. Weapons will not be loaded or fired until in place on the firing line and only after the command to do so is given by the RSO/OIC.

3. There will be no firing over open hatches when in the vehicle mount.

4. **Left (Lower) Firing Line Note**: The first target located on the left approx 150m downrange cannot be engaged. See photo enclosure #3.

b. **Right Upper Firing Line (FP's 1-16)**: Grid 9748 8201 to 9739 8203. (See photo enclosure #1).

1. Weapons that can be fired from FP's 1-16 are:

- a. M320, M203 (40mm TP only). **M203, M320 must have at least 6 meters separation.**
- b. AT4 (9mm sub-cal).

2. Weapons that can be fired from FP's 1-6 are:

- a. MK19 (40mm TP only).
- b. MK47 (40mm TP only).
- c. NOTE: There will be no firing of MK19 and MK47 over the top of open hatches and all vehicles must have the tops installed.
- d. **Right (Upper) Firing Line MK19/MK47 Notes**: The first four targets located approx 135m to 200m downrange cannot be engaged with MK19 and MK47 40mm TP. See photo enclosure #3.

3. Weapons that can be fired from FP's 13-16 are:

- a. AT4 (9mm sub cal).
- b. M3 RAAWS (84mm TP, Smoke, ILL and 7.62m sub-cal).
- c. M72 LAW (35mm sub cal), M72AS LAW Trainer (M73, 21mm sub cal).

d. M141 SMAW (CPR HX07 and 21mm sub-cal).

e. **Right (Upper) Firing Line M3 RAAWS Smoke Notes:** The first target located approx 135m downrange cannot be engaged with RAAWS Smoke. See photo enclosure #3.

f. **Right (Upper) Firing Line RAAWS TP, Smoke, ILL and M141 SMAW CPR Notes:** These munitions cannot engage the target located approx 600m downrange on the far right side of the woodline. See photo enclosure #4.

4. Weapons that can be fired from FP's 13-16 are:

a. AT4 (HEAT).

b. M3 RAAWS (HE, HEAT, HEDP).

c. M72A2-9 LAW (HEAT).

d. M141 SMAW (HEAA, HEDP, NE).

e. **Right (Upper) Firing Line HE, HEDP, HEAT, HEAA, NE Notes:** The only target authorized for these munitions is located approx 325m downrange. See photo enclosure #3 and #4.

5. Back Blast Area and building must remain clear of all personnel and the ammo pad must be cleared of all ammunition at all times when firing weapons listed in 3b-d (except 7.62mm sub-cal) and 4a-d above. Unit RSO/OIC will ensure guards are posted to prevent personnel from entering this zone. See photo enclosure #2 for guard positions.

6. Weapons will not be loaded or fired until in place on the firing line and only after the command to do so is given by the RSO/OIC.

7. All weapons will be cleared before exiting the firing line IAW Weapons Clearing Procedures.

6. **Ammunition:**

- A: Ammunition will be separated and secured at the ASP.
- B: Range Cadre only, will control the ammo point and the issue to Firers.
- C: All unused ammunition will be turned back in to the Ammunition Point.
- D: .50 cal API MK211 (DODIC A606) is not authorized for use on Patton Range.

7. **Safety:**

- A: Field Liter Ambulance (FLA) and Medic will be on-site at all times when firing RAAWS, LAW, AT4 and SMAW HE, HEAT, HEDP, HEAA, and NE ammunition. CLS will be in place when firing all other weapons and ammunition listed for this exercise.
- B: 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.

- C. 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 injury results in an injury, the OIC/RSO will use the procedures outlined in this 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.
- D: Medical: in the event of an accident, injury or illness, the RSO/OIC 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.
- E: All personnel to include using unit cadre and Soldiers will receive a safety briefing from the 'Range Safety Officer' prior to any training.
- F: All personnel will wear proper IBA (helmet, vest, ear and eye protection, etc...) according to the weapon being fired. This also includes the Cadre.
- G: One 'Safety NCO/DS Safety' per 2 firers. Only one firer per firing point is authorized.
- H: At no time will personnel advance beyond the firing line and go down range.
- I: Safeties will ensure left and right limits are not violated.
- J: All 'Risk Management Worksheet' concerns will be observed. Violations of any will be brought to the attention of the RSO, Range Cadre, DS cadre or Trainee Leaders to be addressed. Units training on Patton Range using this Range Division standard packet are required to have in their possession while occupying Patton 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 Patton 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 Patton Range.
- K: All fire extinguishers will be operational and in place.
- L: Uniform: as per Unit SOP.
- M: Weapons/Ammunition Malfunction Reports: When a malfunction is experienced, the OIC or Range Safety Officer will suspend all firing and immediately notify Range Control. Retain the

weapons and all components and ammunition involved in place. An investigation is required and will be conducted by DOL.

- N: Weapons will be on safe and oriented down range while on the firing line.
- O: Signal to fire will be verbal, bullhorn, or whistle.
- P: During firing on the range, anyone observing an unsafe act can call a cease fire by using hand and arm signals and/ or vocal command to cease fire.
- Q: In the event of a misfire round, the procedures outlined in MCoE 350-19, will be followed.
- R: There will be no Delinking and or Relinking of ammunition. Its use is not authorized.
- S: Soldiers will be briefed on and shown where their respective targets are located on the range prior to firing. See firing information listed in section 5 (scenario's to be conducted) and photo enclosures #3 and #4.
- T: Range will be cleaned and policed prior to Unit departure.
- U: See enclosure #1 for authorized Military and POV parking location.
- V: **There will be no deviations to this packet unless it is approved by Range Control.**

8. **Weapons Clearing Procedures:**

- 1) All weapons will be rodded with cleaning rod or similar device before being placed on the firing positions by qualified range safety.
  - 2) Upon completion of the firing exercise each weapon will be visually inspected/cleared by a qualified range safety before being removed from the firing position. This person cannot be a Soldier in a training status.
  - 3) Once off the firing line 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.
9. POC for this memorandum is Kenneth Whitehead, Survey Technician, (706)-544-6267).



BRAD TESCH  
Chief, Range Operations  
Range Division, DPTMS

# Patton Range April 2013

Concurrent Training Area

Military And  
POV Parking

Building

Ammo Pad

Right (Upper) FL, FP's 1-16  
FP16

FP1

Left (Lower) FL, FP's 1-14  
FP14

FP1

Enclosure #1



# Patton Range April 2013

Concurrent Training Area

Backblast  
Guard Location

Backblast Area And Building  
Will be Cleared of All Personnel  
And Ammo Pad Cleared of All Ammo

Backblast  
Guard Location

HE/HEAT, etc...  
Backblast

TP/Sub-cal  
Backblast

Building

Ammo Pad

Right (Upper) FL, FP's 1-16

FP16

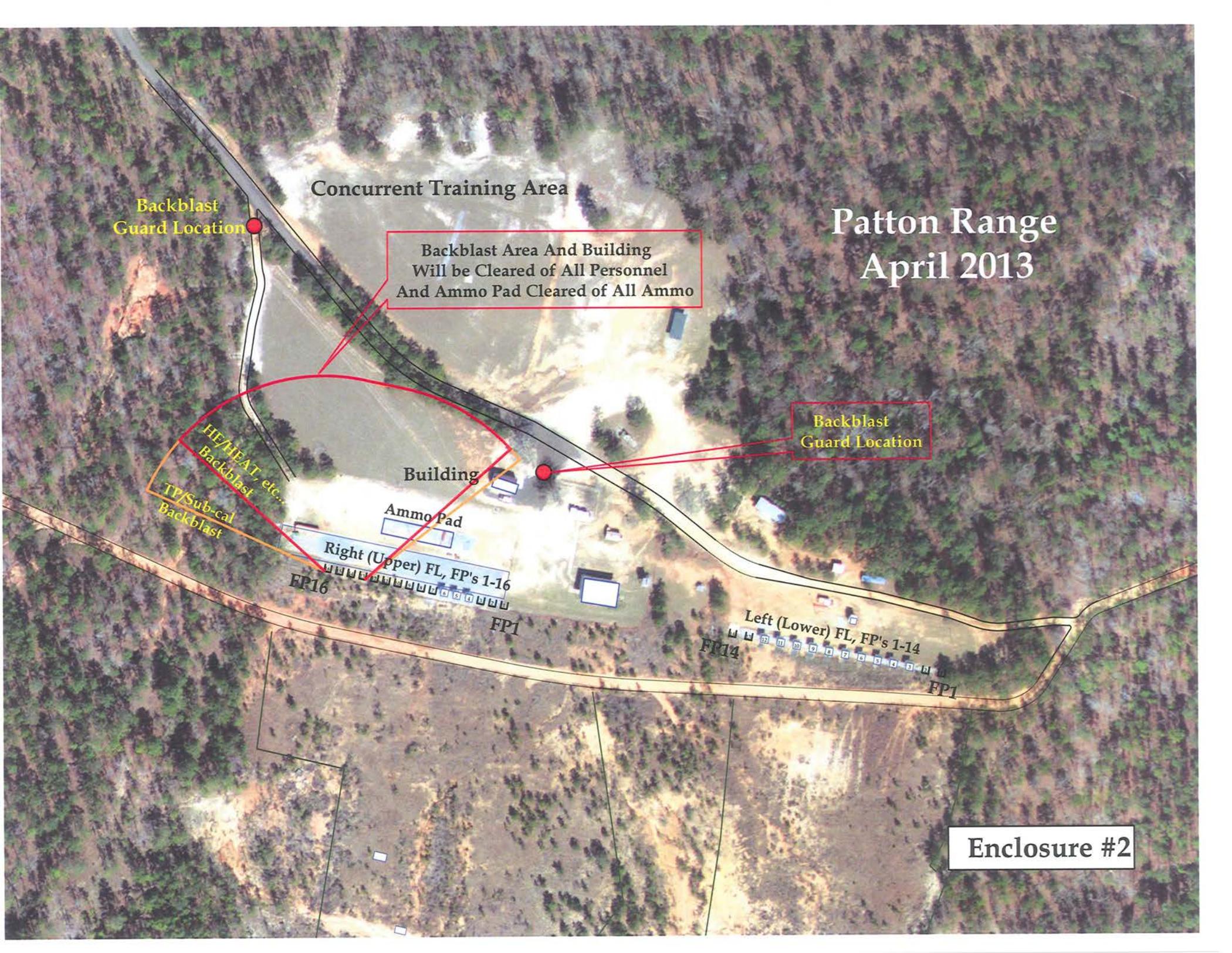
FP1

Left (Lower) FL, FP's 1-14

FP14

FP1

Enclosure #2



# Patton Range April 2013

Concurrent Training Area

Military And  
POV Parking

Building

Ammo Pad

Right (Upper) FL, FP's 1-16  
EP16  
FP1

Left (Lower) FL, FP's 1-14  
EP14  
FP1

First Four Targets Located  
135m to 200m Downrange

Target Located at 150m  
Downrange is Not to be Engaged

The Only Target Located  
325m Downrange For HE  
HEDP, HEAT, HEAA, NE  
Engagement From FP's 13-16

Enclosure #3

# Patton Range April 2013

Concurrent Training Area

Military And  
POV Parking

Building  
Ammo Pad

Right (Upper) FL  
FP16

FP1

Bleachers

Left (Lower) FL  
FP14

FP1

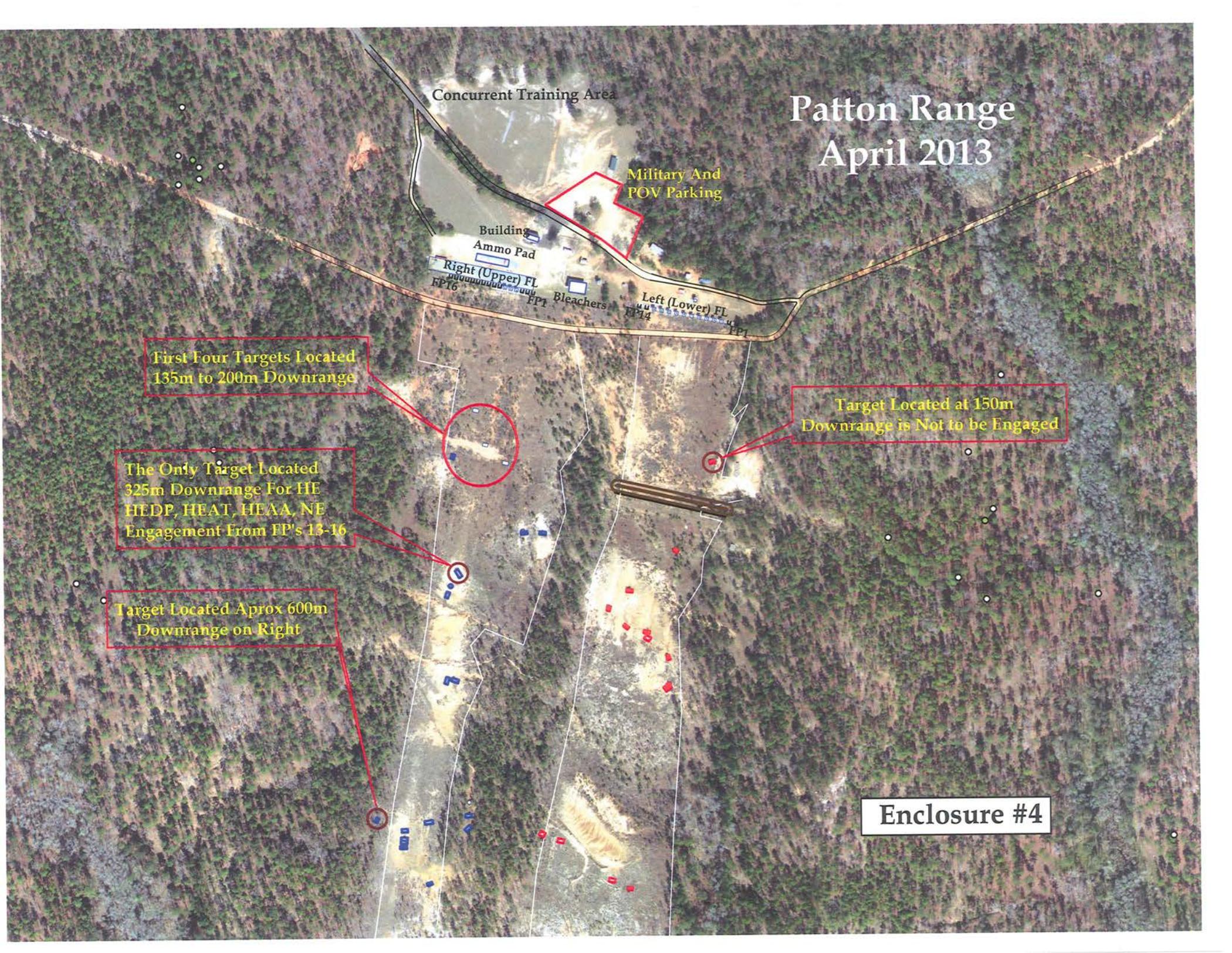
First Four Targets Located  
135m to 200m Downrange

The Only Target Located  
325m Downrange For HE  
HEDP, HEAT, HEAA, NE  
Engagement from FP's 13-16

Target Located Aprox 600m  
Downrange on Right

Target Located at 150m  
Downrange is Not to be Engaged

Enclosure #4



**Patton Range Range Division Standard US Weapons (Log # 4-02-13) Roadblock List , 9 April 2013**

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	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

**Patton Range Range Division Standard US Weapons (Log # 4-02-13) Roadblock List , 9 April 2013**

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	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)



Date Submitted: 8/28/2012

EMD Number: 1224205

Project#: M6484

Project Title: U.S Weapons Training, Live Fire Exercise (FY12)

Description of proposed action:

During this block of instruction soldiers will familiarize with heavy weapon systems to include the following. M136 at 4/M287 SUBCAL, M203 grenade launcher, M249 MG, M60 MG, MK-19 grenade launcher, M250-CAL HB ammunition will include the following, 84MM heat, 155MM live, 40MM HE and TPT, 5.56MM, 7.62MM, 40MM link (TPT only), .50 CAL (ball, tracer, AP, API, APIT, blank and dummy) training will occur during day and night phases. Also conducting a call for fire training event.

Project Location:

Patton Range

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

30 to 100

Type of Ammunition:

See project description.  
Live and Blank

Number/Types of Trees:

None

Size of Project Area: 14.43 Acres

Duration of Action: Start: 10/1/2012 Stop: 9/30/2013

Proponent: stacey.ballesteros 706-545-5677

Organization/Unit: Range Division

Number/Types of Vehicles:

Number of vehicles: varied  
Types of vehicles: M77A2 Howitzers, HMMWVs, MTV, HMMWV Trailers, AT4, 5Ton vehicle, GSA vehicles, 2.5Ton truck, FLA, 4X4 truck, S10, WAT  
Yes-Vehicles will be going off road.  
What type of vehicles will be going off road:

\*\*\*\*\*  
**DECISION:** Concur with conditions

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

*Training involving LIVE FIRE, tracked vehicles, and off-road maneuvers has NO CATEX*

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## REC APPROVED THROUGH 30 SEPTEMBER 2013

**Hazardous Materials/Waste**

Conditions:

Ted Williams (706 545 7579), 8/29/2012

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.

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. 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.

Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area after the training is completed. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise. Contact POC below for any questions or additional guidance.

EMD Number: 1224205

IJO# M6484

Project Title: U.S Weapons Training, Live Fire Exercise (FY12)

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 8/30/2012

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.

Noise

Conditions:

Ellis Leeder ( 706 545 2400), 8/29/2012

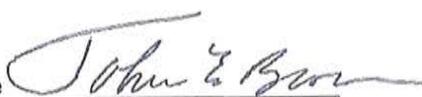
This is training operations that must be conducted. If there is any noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Armys 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 or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. 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 plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19

Natural Resources - RCW

None

Michael Barron (706 544 7080), 8/29/2012

Signature



John E Brown

NEPA Program Manager

Date

31 Aug 2012

Signature

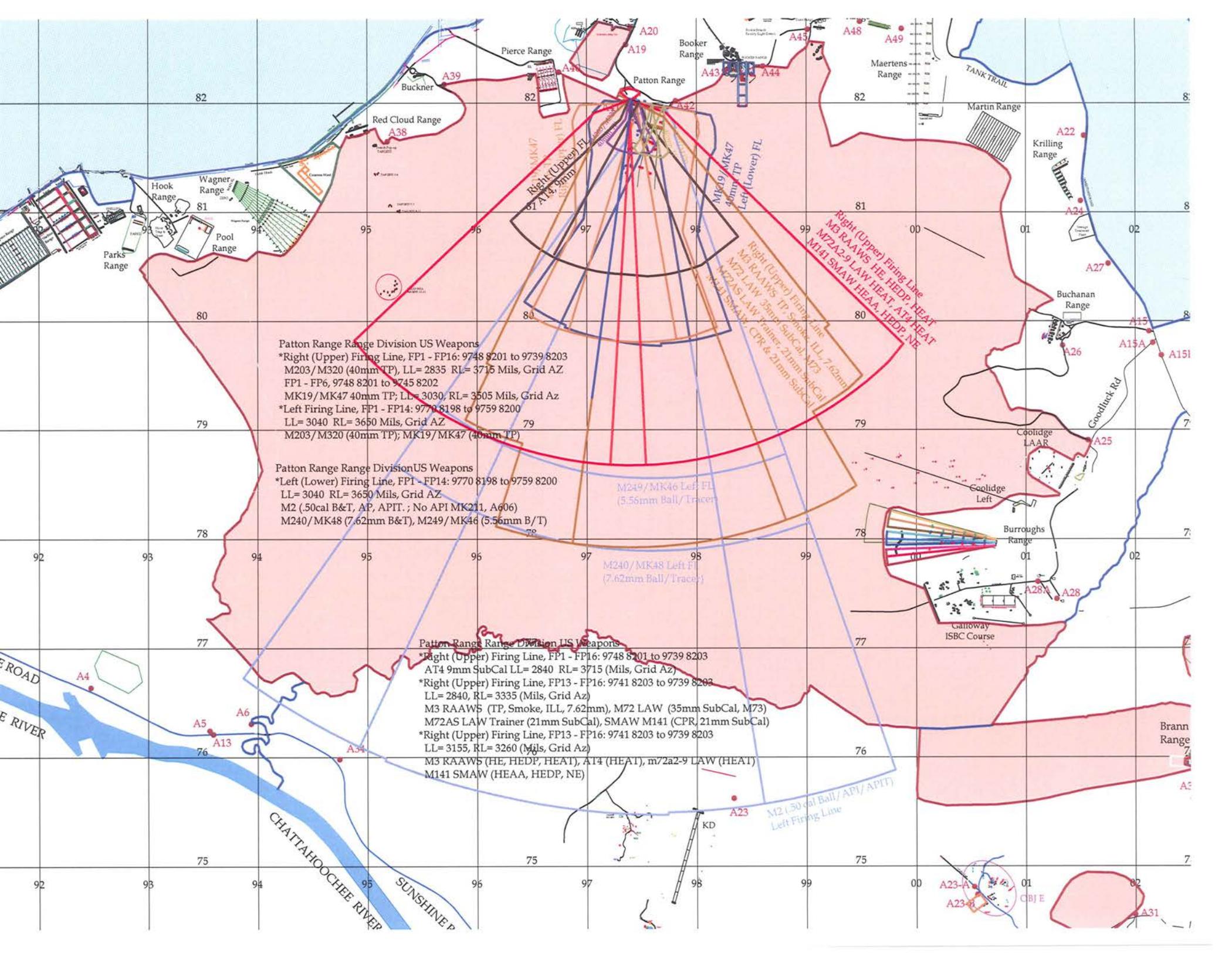


Christopher E. Hamilton, PhD

EPMB Chief

Date

31 Aug 12



**Patton Range Range Division US Weapons**  
 \*Right (Upper) Firing Line, FP1 - FP16: 9748 8201 to 9739 8203  
 M203/M320 (40mm TP), LL= 2835 RL= 3715 Mils, Grid AZ  
 FP1 - FP6, 9748 8201 to 9745 8202  
 MK19/MK47 40mm TP; LL= 3030, RL= 3505 Mils, Grid Az  
 \*Left Firing Line, FP1 - FP14: 9770 8198 to 9759 8200  
 LL= 3040 RL= 3650 Mils, Grid AZ  
 M203/M320 (40mm TP); MK19/MK47 (40mm TP)

**Patton Range Range Division US Weapons**  
 \*Left (Lower) Firing Line, FP1 - FP14: 9770 8198 to 9759 8200  
 LL= 3040 RL= 3650 Mils, Grid AZ  
 M2 (.50cal B&T, AP, APIT. ; No API MK211, A606)  
 M240/MK48 (7.62mm B&T), M249/MK46 (5.56mm B/T)

**Patton Range Range Division US Weapons**  
 \*Right (Upper) Firing Line, FP1 - FP16: 9748 8201 to 9739 8203  
 AT4 9mm SubCal LL= 2840 RL= 3715 (Mils, Grid Az)  
 \*Right (Upper) Firing Line, FP13 - FP16: 9741 8203 to 9739 8203  
 LL= 2840, RL= 3335 (Mils, Grid Az)  
 M3 RAAWS (TP, Smoke, ILL, 7.62mm), M72 LAW (35mm SubCal, M73)  
 M72AS LAW Trainer (21mm SubCal), SMAW M141 (CPR, 21mm SubCal)  
 \*Right (Upper) Firing Line, FP13 - FP16: 9741 8203 to 9739 8203  
 LL= 3155, RL= 3260 (Mils, Grid Az)  
 M3 RAAWS (HE, HEDP, HEAT), A14 (HEAT), m/2a2-9 LAW (HEAT)  
 M141 SMAW (HEAA, HEDP, NE)

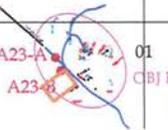
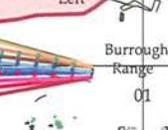
M2 (.50 cal Ball/ API/ APIT)  
 Left Firing Line

M240/MK48 Left FL  
 (7.62mm Ball/Tracer)

M249/MK46 Left FL  
 (5.56mm Ball/Tracer)

Right (Upper) Firing Line  
 M3 RAAWS TP, Smoke, ILL 7.62mm  
 M72 LAW 35mm SubCal, M73  
 M72AS LAW Trainer, 21mm SubCal  
 M141 SMAW, CPR & 21mm SubCal

Right (Upper) Firing Line  
 M3 RAAWS HE, HEDP, HEAT  
 M72A2-9 LAW HEAT, AT/HEAT  
 M141 SMAW HEAA, HEDP, NE



Brann Range

A31

A23-A

A23-B

CBJ E

A5

A6

A13

A34

A23

KD

A28

A28A

A28

A25

Goodluck Rd

A15A

A15

A26

A27

A24

A22

A49

A48

A43

A44

A43

A43

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