

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: 3 September 2013 Range: Buchanan Range Title: Shoot House Problem No:
THRU: CDR, 3ABCT, 3ID Fort Benning, GA 31905	FROM: S3, 2-69AR, 3ABCT, 3ID Fort Benning, GA 31905

Log #9-4-13

SECTION I, TYPE OF TRAINING

a. Live Fire
 b. Non-live Fire
 CP/Controller Coordinates: GA 0131 7991

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
Shoot House: GA 0122 7980	M16/M4 M68/PEQ-4A	5.56mm Ball/Blank/Simunitions M68/PEQ-4A	N/A	N/A

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: Crow, Nathaniel D., MAJ, S3, 2-69AR, 3ABCT, 3ID	Name/rank of Major Unit S3/Commander: Riveraespada, Alexis, MAJ, S3, 3ABCT, 3ID
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SECTION VI, FOR RANGE DIVISION USE

DATE: 26 Sep 13

TO: CDR, 3ABCT, 3ID 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:	A: 25, 26.
b. Road(s) to be closed/road barrier locations:	
c. Remarks:	
d. This approval expires: 25 Sep 15	

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

B. S. Turner

TRANSMITTAL, ACTION AND CONTROL

For use of this form see MCoE Memo 25-52; the proponent is SGS

1. SGS LOG:	2. IN SGS:	3. OUT SGS:	4. DATE PREPARED:

5. SUBJECT:
 Concept for Buchanan Range (Urban Operations, Clearing Rooms)

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER: CPT Berry, William/Battalion Engineer/706-545.4006	7. DIRECTOR'S/COMMANDER'S SIGNATURE: Major Crow, Nathaniel/
---	--

<input type="checkbox"/> SIGNATURE	<input type="checkbox"/> APPROVAL	<input type="checkbox"/> INFORMATION
<input type="checkbox"/> SGS	<input type="checkbox"/> Editor	<input type="checkbox"/> Garrison CSM
<input type="checkbox"/> USAIS CSM	<input type="checkbox"/> USAARMS CSM	<input type="checkbox"/> MCoE CSM
<input type="checkbox"/> CDID	<input type="checkbox"/> GC	<input type="checkbox"/> CIG
<input type="checkbox"/> CofS	<input type="checkbox"/> SA	<input type="checkbox"/> Comdt, IN School
<input type="checkbox"/> Comdt, AR School	<input type="checkbox"/> CG	

1. PURPOSE: Outline the training for conducting urban operations on Buchanan Range

2. RECOMMENDATION: N/A

3. DISCUSSION:
 The purpose of this training is to demonstrate and execute room clearing procedures using live ammunition. Instructors will perform 100% weapons and ammo checks to ensure no live ammo is mixed with blank ammo. Training will consist of multiple room clearing procedures, single room and single team to multiple rooms. This shoot-house is used for Dry/Blank and Live Fire Training. Each team will successfully complete, to standard, dry, blank and live fire iterations of the Single Team, Single Room" Scenario. Once each team of a squad has completed this scenario, the squad will then conduct dry, blank and live fire iterations of the Single, Multiple Room" Scenario. Range Safety personnel will control the environment from safe positions on the ground and the cat-walks. Participants will use all equipment (ACH and Body) Armor) necessary for training IAW Facility and post regulations. Soldiers will load after inside shoot house and clear before exiting the shoot house. Range safety personnel will control the loading and locking of all weapons and will ensure all weapons are properly cleared after the training event. All blank adapter will be removed prior to LFX

4. THIS DOCUMENT IS AUTHORED BY:

8. COORDINATION/APPROVAL

S:

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Safety	Concur w/c	T. Edens 10/13			

STAFF REMARKS: (Command Group Use Only)	APPROVAL AUTHORITY
	APPROVED:
	DISAPPROVED:
	NOTED:



DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-5000

REPLY TO
ATTENTION OF
ATZB-SO

30 September 2013

MEMORANDUM FOR Commander 3/3rd HBCT, Attn: CPT William Berry, Fort Benning, GA 31905

SUBJECT: 3/3rd HBCT Fire Team Live Fire on Buchanan Range CONOP and RMW Safety Review

1. References.

- a. 3/3rd HBCT Fire Team Live Fire on Buchanan Range, 19 September 2013.
- b. Army Regulation 385-10, The Army Safety Program, 24 August 2007
- c. Army Regulation 385-63, Range Safety, 19 May 2003
- d. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10 December 1998
- e. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010
- f. Department of the Army Pamphlet 385-30, Mishap Risk Management, RAR 01 February 2010
- g. Department of the Army Pamphlet 385-63, Range Safety, RAR 12 May 2009
- h. Field Manual 5-19, Composite Risk Management, August 2006
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 23 July 2010
- j. MCoE Policy Memorandum 385-6-14, Composite Risk Management, 22 October 2012

2. Document received on 30 September 2013.

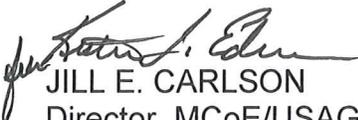
3. Concur w/comment.

ATZB-SO

SUBJECT: 3/3rd HBCT Fire Team Live Fire on Buchanan Range CONOP and RMW Safety Review

a. RMW, Blocks 7 & 9, pg 3. "Heat", recommend that your initial and residual risk levels more accurately reflect the probability of the incident occurring. The Initial Risk should be "HIGH" and the Residual Risk "MODERATE".

4. Point of contact is Mr. Michael W. Risher II, MCoE/Fort Benning Safety Office, Comm. (706) 545-8278, Govt. Cell. (706) 604-7249, michael.w.risher.civ@mail.mil


JILL E. CARLSON
Director, MCoE/USAG Safety



DEPARTMENT OF THE ARMY
HEADQUARTERS, 3RD ARMORED BRIGADE COMBAT TEAM
3RD INFANTRY DIVISION
9195 KELLEY HILL
FORT BENNING, GEORGIA 31905

AFZP-VIC-S3

19 September 2013

MEMORANDUM FOR Chief, Range Operations, DPTMS, Fort Benning, Georgia 31905

SUBJECT: Concept for Buchanan Range

1. The purpose of this memorandum is to outline the training for conducting urban operations on Buchanan Range.
2. The purpose of this training is to allow Soldiers to conduct a live-fire exercise in urban operations. During the execution of this training at Buchanan Range, Soldiers will train on the task of entering/clearing rooms with single fire teams consisting of four (4) Soldiers.
3. The training of these tasks will be supported by the use of blank and live ammunition in the Buchanan shoot house utilizing blank and live fire with the M16/M4 weapon system.
4. The purpose of this training is to demonstrate and execute room clearing procedures using live ammunition. Instructors will perform 100% weapons and ammo checks to ensure no live ammo is mixed with blank ammo. Training will consist of multiple room clearing procedures, single room and single team to multiple rooms. This shoot-house is used for Dry/Blank and Live Fire Training. Each team will successfully complete, to standard, dry, blank and live fire iterations of the "Single Team, Single Room" Scenario (see attached concept sketch). Once each team of a squad has completed this scenario, the squad will then conduct dry, blank and live fire iterations of the "Single Team, Multiple Room" Scenario. Range safety personnel will control the environment from safe positions on the ground and the cat-walks. Participants will use all equipment (ACH and Body Armor) necessary for training IAW Facility and post Regulations. Soldiers will load after inside shoot house and clear before exiting the shoot house. Range safety personnel will control the loading and locking of all weapons and will ensure all weapons are properly cleared after the training event. All blank adapters will be removed prior to LFX.
 - a. Concept for Single Team/Single Room (Four Soldiers): The four Soldiers will draw their appropriate ammunition from the ammo point and will not lock/load their weapons. The safety that's on the ground will brief the team on the event. The team will proceed in a single file through the entry point with weapons pointed down to the ground and not loaded until they have reached the entrance of the shoot house. The team will then be told to lock and load their weapons and pointed down to the ground. The team will proceed through the entrance. The 1st and 2nd Soldier will then proceed to

AFZP-VIC-C

SUBJECT: Concept for Buchanan Range

the right and enter the room and start engaging their targets. The 1st Soldier will go left and the 2nd Soldier will go right but, will not engage the civilian target. The 3rd and 4th Soldier will establish security for the 1st and 2nd Soldier until they have completed their mission (Option #1). The second option will be identical except that the 3rd and 4th Soldier will not provide security but, will proceed to the left room and engage targets. The 3rd Soldier goes left and the 4th Soldier will go right. Upon completion of the mission the team will ensure that all weapons are locked and cleared of all ammunition prior to exiting the shoot house. The following procedures mentioned above apply to all teams firing the event.

- b. Concept for Single Team/Multiple Rooms (Four Soldiers): The four Soldiers will draw their appropriate ammunition from the ammo point and will not lock and load their weapons. The safety that's on the ground will brief the team on the event. The team will proceed in a single file through the entry point with weapons pointed down to the ground and not loaded until they have reached the entrance of the shoot house. The team will then be told to lock and load their weapons and pointed down to the ground. The team will proceed through the entrance. The 1st and 2nd Soldier will then proceed to right and enter the room and start engaging their targets. The 1st Soldier will go left and the 2nd Soldier will go right but, will not engage the civilian target. The 3rd and 4th Soldier will establish security for the 1st and 2nd Soldier until they have completed their mission. Upon completion of their event the 1st and 2nd Soldier will place all weapons on safe and proceed through the second room to their left and slowly entering the hallway where the other two Soldiers are providing security. The 1st and 2nd Soldier will then provide security for the 3rd and 4th Soldier. The 1st and 2nd Soldier will ensure that they are facing down the hallway and not towards the rooms when proving security. The 3rd and 4th Soldier will proceed to the left room and start engaging targets. The 3rd Soldier goes left and the 4th goes right. Both Soldiers will then proceed through the second room and will encounter a civilian (No engagement). Both Soldiers will then proceed to the third room and will start engaging their targets. The 3rd Soldier will engage the target on the right and the 4th Soldier will engage the target straight forward. Upon completion of the mission the team will ensure that all weapons are locked and cleared of all ammunitions prior to exiting the shoot house. The following procedures mentioned above apply to all teams firing the event.

5. Safety Measures:

- a. Prior to any LFX, signs will be posted in clearly visible areas around the shoot-house to alert all personnel that live rounds are being used and not to enter the shoot-house without the proper safety equipment. Additionally, gate guards will be placed at the entrance of the range complex to ensure monitored access to

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SUBJECT: Concept for Buchanan Range

the range. All participants will have the appropriate safety equipment on (eye/ear pro, body armor and ballistic helmets). A safety sweep of the perimeter and interior of the shoot house will be conducted NLT 30 min prior to execution to ensure that no unauthorized personnel are within the training boundaries.

- b. All live ammunition will be kept separate from all other ammunition at all times to prevent mixing with live and blank guarded by the Ammo NCOIC.
- c. All personnel will participate in a safety briefing/orientation on the use of the shoot-house.
- d. Prior to all iterations of the LFX, a weapon and ammo inspection will be conducted to ensure that no unauthorized munitions or weapons are being used. All LFXs will use M16/M4 in the shoot house only.
- e. All shooters will be briefed to aim at their targets center mass (Bullet Traps).
- f. The crawl, walk, run method of training will be enforced. Soldiers will conduct dry and blank fires prior to conducting the LFX. The OIC will certify Soldiers/Teams prior to conducting the shoot-house LFX.
- g. There will be controllers on the cat-walks and on the ground providing guidance, supervision, and safety.
- h. Soldiers will be briefed on the emergency alarm located in the shoot-house prior to training.
- i. Positive control will be maintained on Soldiers at all times.
- j. No automatic fire will be conducted in the Shoot House; only weapon system that will be trained is the M4/M16.
- k. All Soldiers will have a minimum of eight hours sleep prior to the range

6. General

- a. A Combat Life Saver (CLS) will be on the firing range will be located where he can best assist or treat a casualty along with FLA's on site.
- b. The Range Safety Officer (RSO) will maintain contact with all posted guards on the perimeter or the training area.
- c. Soldiers will be briefed on the immediate action in case of a misfire.

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SUBJECT: Concept for Buchanan Range

d. In the event of a cease-fire on the shoot house, the command will be echoed throughout the entire shoot house. All weapons will be cleared and put on safe. All safeties will physically inspect all weapons.

e. Uniform for the range will be per unit SOP (ie. Helmet, IBA, Safety glasses/hearing protection).

h. Brass and Ammo checks will be conducted at the completion of each training event and prior to leaving the range.

i. Unit will police all brass and trash prior to closing the range.

j. 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 to opening range. Range safety Briefing will include hazards using Lasers and NVD's.

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

l. When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately report it to Range control and the using unit's higher headquarters. The following information will be furnished by the OIC/RSO to Range Control:

- (1) Designation of unit.
- (2) Range and location.
- (3) Type of weapon involved.
- (4) Type of ammunition involved.
- (5) Brief summary of what happened.
- (6) Personnel injuries and extent.
- (7) Full Name, SS#, Rank and unit of injured personnel.
- (8) Extent of property damage.
- (9) Intentions regarding an AR 15-6 investigation.

m. Unit will use the standard 9 Line MEDEVAC in case of illness or injury. Call 911 and determine what type of evacuation is the most appropriate for the injury. MEDEVAC will be IAW MCoE Regulation 350-19 and MCoE 40-2. Landing zone for MEDEVAC aircraft will be established prior to us and will be marked appropriately. Using units higher Headquarters and Range Control will be notified in this event.

n. Weapons/Ammunition Malfunction Reports: When a malfunction is experienced, the OIC or Range Safety Officer will suspend all firing and immediately notify Range

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SUBJECT: Concept for Buchanan 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.

o. Tactical vehicles will be the mode of transportation out to Buchanan Range.

7. Point of contact for this request is MAJ Nathaniel Crow at 706-544-4774.

A handwritten signature in cursive script that reads "Alexis Rivera".

ALEXIS RIVERAESPADA
MAJ, AR
Brigade S-3

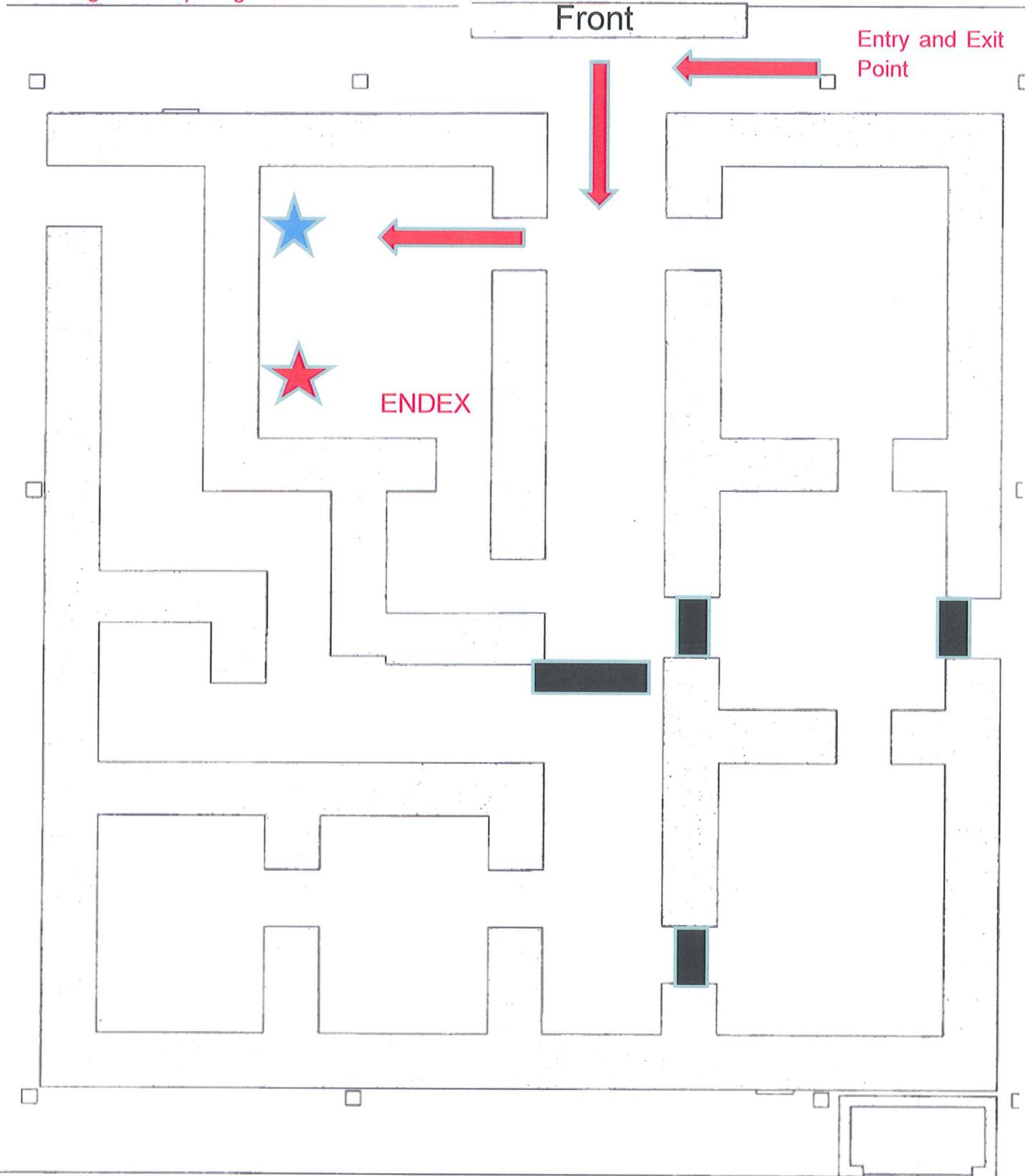
Buchanan Range Shoot House

Option #1

Single Team, Single Room

Front

Entry and Exit Point



Friendly Target



Barricades

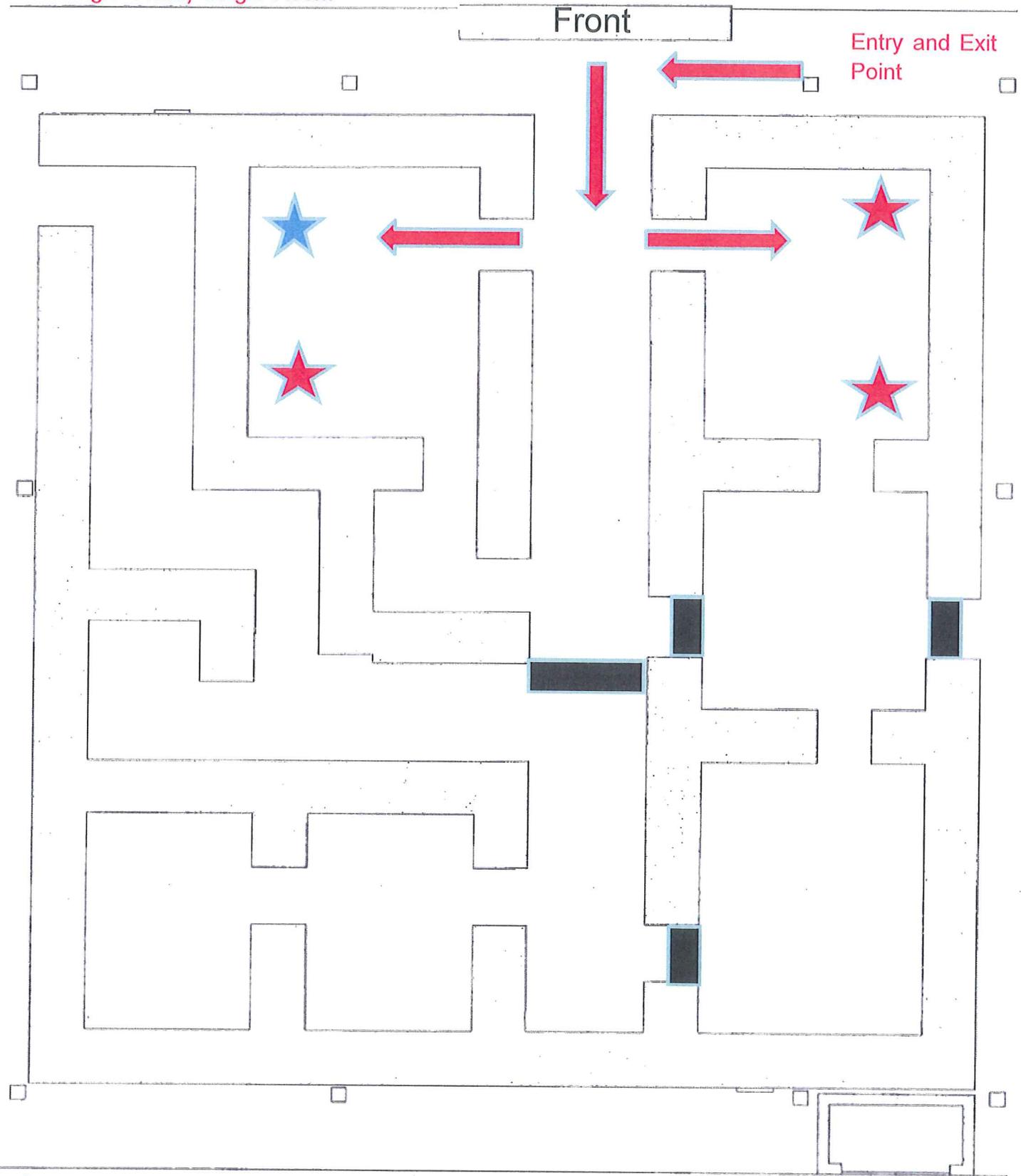


Enemy Target

Buchanan Range Shoot House

Option #2

Single Team, Single Room



 Friendly Target

 Barricades

 Enemy Target

Kaillge

- STATION 1: Individual/Team Task Technique Trainer.
 - STATION 2: Squad/Platoon Task Technique Trainer.
 - STATION 3: Grenadier Gunnery Trainer.
 - STATION 4: Offense/Defense Building Task Technique Trainer.
 - STATION 5: Underground Trainer.
 - STATION 6: Individual/Team Task Technique Trainer.
 - STATION 7: Squad/Platoon Task Technique Trainer.
- SHOOT-HOUSE
25m AMT/Zero



Buchanan Range 3rd BDE Shoothouse (Log #9-4-13) Roadblock List, 25 Sept 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 Booker Range Firing Line	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

- STATION 1: Individual/Team Task Technique Trainer.
- STATION 2: Squad/Platoon Task Technique Trainer.
- STATION 3: Grenadier Gunner Trainer.
- STATION 4: Offense/Defense Building Task Technique Trainer.
- STATION 5: Underground Trainer.
- STATION 6: Individual/Team Task Technique Trainer.
- STATION 7: Squad/Platoon Task Technique Trainer.
- SHOOT-HOUSE
- 25m AMT/Zero
- Combat Pistol Course

BUCHANAN RANGE



Control Measures

1. OC with each 4-man stack
2. RSO on catwalk
3. Rehearse ceasefire as part of BFX

Emergency Cease Fire Procedures

1. Voice
2. Whistles
3. Any white light
4. Emergency Alarm (located in shoot-house)

Concept = Each team successful completes dry, blank and live fire iterations in the single team, single room scenario. Once each team completes the single team, single room scenario, the squad then conducts the multiple team, multiple room scenario.

Approach = foot from hasty c/c position

Iterations = 1 x dry, 1 x blank, 2 x live (Go to Live only after successful completion of dry and blank iterations).

Targets = drop targets, E-type

Day-light fire only.

Furnishings = none

Enemy = 6

Civilians = 0

Breach = mechanical

COMPOSITE RISK MANAGEMENT WORKSHEET

For use of this form, see FM 5-19; the proponent agency is TRADOC.

1. MSN/TASK: Buchanan Shoot House LFX	2a. DTG BEGIN 15OCT2013	2b. DTG END 30SEP2014	3. DATE PREPARED (YYYYMMDD) 20130903
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4. PREPARED BY		b. RANK		c. POSITION			
a. LAST NAME Smith, Patrick K		SFC		Brigade Master Gunner			
5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFEC-TIVE?
Buchanan Range	Range/ General Situational Awareness	M	<ol style="list-style-type: none"> 1. RSO will prepare the Daily Risk Assessment. 2. Know the 8 digit grid of the range PZ and be prepared to mark and run PZ for air MEDEVAC. Air MEDEVAC will be used when life, limb or eyesight is imminent. 3. Ensure FLA and Medics are on site. 4. Review evacuation procedures for serious incidents. 5. Anyone may call cease fire if they observe an unsafe act. 6. Range limits are clearly marked and briefed. 	L	<ol style="list-style-type: none"> 1. OIC conducts risk management worksheet. 2. RSO marks PZ. 3. RSO and medic coordination. 4 RSO and medic coordination 5. RSO safety brief 6. RSO spot check 	OIC/RSO NCO Supervision Range Safeties Leaders Individual Soldiers	
Buchanan Range Shoot House	Negligent Discharge	H	<ol style="list-style-type: none"> 1. Range OIC/NCOIC or range safety NCO will ensure that the standard safety briefing is read to all Soldiers which will cover range procedures and course negotiation. 2. Brief all Soldiers on cease fire procedures. Any Soldier can call a cease fire if an unsafe act is observed. Each individual will act as a safety. 	M	<ol style="list-style-type: none"> 1. OIC Brief 2.OIC Brief/ Soldier Safety 	OIC/RSO NCO Supervision Range Safeties Leaders Individual Soldiers	

Additional space for entries in Items 5 through 11 is provided on Page 2.

13. OVERALL RISK LEVEL AFTER CONTROLS ARE IMPLEMENTED (Check one)

LOW
 MODERATE
 HIGH
 EXTREMELY HIGH

14. RISK DECISION AUTHORITY

a. LAST NAME COSTANZA	b. RANK COL
c. DUTY POSITION BRIGADE COMMANDER	
d. SIGNATURE 	

5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFECTIVE?
Buchanan Range Shoot House	Fratricide	H	<p>3. Range OIC/NCOIC will ensure that medics and FLA are on site.</p> <p>4. Range OIC/NCOIC/RSO will ensure that all Soldiers on the range are in the proper uniform (ACUs complete, body armor, helmet, ear and eye pro) before any training begins.</p> <p>5. All Soldiers will enter and exit the shoot house with a cleared weapon.</p> <p>6. Range OIC/NCOIC and safety NCO will go to a self imposed check-fire during accidents or injuries. If there is an injury, range control will be notified.</p>	M	<p>3. NCOIC and medic coordination</p> <p>4. NCOIC Spot Check</p> <p>5. RSO and Range Safeties</p> <p>OIC and RSO</p>	Range OIC/NCOIC, Range Safety Officer, Safeties, Leaders, Individual Soldier	
			<p>1. RSO will conduct a safety briefing to all Soldiers stressing muzzle awareness.</p> <p>2. Soldiers will follow weapons clearing procedures as briefed.</p> <p>3. RSOs will ensure firers are following OIC/NCOIC commands.</p> <p>4. Any Soldier that accidentally fires their weapon will be removed for retraining immediately. If the same Soldier accidentally fires their weapon a second time they will be permanently removed from the range.</p> <p>5. A safety sweep of the perimeter and interior of the shoot house will be conducted NLT 30 minutes prior to execution to ensure that no unauthorized personnel are within training boundaries.</p> <p>6. All Soldiers will be zeroed and qualified prior to the live fire execution of the shoot house.</p> <p>7. Soldiers will conduct dry and blank fire prior to live. The CO CDR will certify a Soldier/TM/SQD prior to live fire.</p> <p>8. Range Cadre will brief Soldiers on range limits, shoot house layout and boundaries.</p>		<p>1. RSO Brief</p> <p>2. RSO Brief</p> <p>3. RSO Brief and observation</p> <p>4. RSO observation / Soldier safety</p> <p>5. OIC/RSO spot checks</p> <p>6. OIC/RSO spot checks</p> <p>7. CO CDR supervision</p> <p>8. OIC/RSO brief</p>		

5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFEC-TIVE?
Buchanan Range			<p>9. Only targets in front of firers will be used while conducting live fire exercises.</p> <p>10. OIC/NCOIC/RSO will inspect the shoot house for ricochet hazards prior to/ following all live fire events.</p> <p>11. The CO CDR will approve all shoot house scenarios and target placement and will be present during live fires.</p>		<p>9. Range Safety supervision</p> <p>10. OIC/NCOIC/RSO spot checks</p> <p>11. CO CDR validation</p>		
	Ammunition	M	<p>1. Ammunition will be under positive control of a designated Ammo NCO.</p> <p>2. RSO/ Ammo NCO will ensure there is no smoking within 60 ft. of ammunition and there will be two fire extinguishers available.</p> <p>3. Blank and live ammunition will be maintained separately at all times.</p> <p>4. Soldiers will be checked for ammunition before departing the range.</p> <p>5. All magazines will be marked blank or live. Blank ammunition will only be loaded and fired out of magazines marked blank. Live ammunition will only be loaded and fired out of magazines marked live.</p>	L	<p>Range Safety Brief</p> <p>Leader involvement</p> <p>Rehearsals</p> <p>Continuous/direct supervision</p>	<p>OIC/RSO</p> <p>NCO supervision</p> <p>Range Safeties</p> <p>Ammo NCOIC</p>	
	Unexploded Ordnance	M	<p>1. RSO will deliver a safety briefing that includes dangers of handling unexploded ordnance/dud rounds.</p> <p>2. All duds will be reported to range control by the Ammo Point NCOIC.</p>	L	<p>Range Safety Brief</p> <p>Leader involvement</p> <p>Continuous/direct supervision</p> <p>Safety Brief</p>	<p>OIC/RSO</p> <p>NCO supervision</p> <p>Range Safeties</p> <p>Ammo NCOIC</p>	
	Heat	M	Uniform will be enforced: Camelback will be worn. Soldiers who have had a previous heat injury will be identified prior to the operation, and will be closely monitored by leaders. OIC will ensure water buffalo is on site, and parked under shade. Continually monitor weather advisories.	L	<p>Leader involvement</p> <p>PCC/PCI's</p> <p>Continuous/direct supervision</p>	<p>OIC/RSO</p> <p>NCO supervision</p> <p>Buddy checks</p> <p>Leader check</p>	

5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFEC-TIVE?
Buchanan Range	Cold	M	All Soldiers with previous cold weather injuries will be identified and closely monitored. OIC will ensure Soldiers have proper cold weather clothing. OIC will develop and implement a warm-up plan to ensure cold injuries are minimal.	L	Safety Brief Leader Involvement PCC/PCI's Continuous/direct supervision	OIC/RSO NCO supervision Buddy checks Leader checks Range Safeties	
	Extreme Weather	L	In the event of extreme weather (high winds, heavy rain, lightning) the Soldiers will be moved to the appropriate location to prevent injury. If weather is deemed to make training unsafe, the range will be placed in a cold status until the weather passes.	L	Safety Brief OIC/RSO monitor Range Control Radio for weather updates	OIC/RSO	
	Minor Injuries	L	Safety Brief will cover movement on the range and will identify any hazards. Training will be halted if any Soldier is injured and will not continue until Soldier is cared for as needed.	L	Safety Brief Leader Involvement PCC/PCI's Continuous/direct supervision	OIC/RSO NCO supervision Buddy checks Leader checks Range Safeties	



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 9/3/2013

EMD Number: 1324709

Project#: Unknown

Project Title: Buchanan Range Shoot House

Description of proposed action:

Units will be conducting urban operations training, specifically entering and clearing a room in the Buchanan Shoot House. This will include dry, blank and live firing with the M16/M4.

Project Location:

Buchanan Range

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

150

Type of Ammunition:

5.56mm Live and Blank

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 10/1/2013

Stop: 9/30/2014

Proponent: William Berry

706-544-4006

Organization/Unit:

2/69 AR, 3ABCT, 3ID

Number/Types of Vehicles:

Number of vehicles:6

Types of vehicles:HMMWV, M1078, M113

No-Vehicles will be going off road.

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, 2014

Natural Resources - RCW

None

Michael Barron (706 544 7080), 9/4/2013

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 9/4/2013

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: 1324709

IJO#

Project Title: Buchanan Range Shoot House

CWA - Training

Conditions:

Jessica Taylor (706 604 4572), 9/5/2013

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 improper 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), 9/4/2013

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. 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 noise abatement areas. 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 CS gas sites. Please visit the Range Operations website to obtain a list of approved weapons per Range or Firing Points. Leave the training areas, firing range, latrines in a clean condition; contact Range Operations if unclean conditions are found or clean up costs or cleaning endeavors by proponent could occur to last user. 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, range guidance and other materials for your range packet. This 144r must be present at the training site when occupying compartment or ranges.

Signature

John E Brown
for John E Brown
NEPA Program Manager

Date

6 SEP 2013

Signature

Christopher E. Hamilton

Christopher E. Hamilton, PhD

EPMB Chief

Date

6 Sep 13