

FIRING/NONFIRING DATA

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

Log 5-2-13

TO: Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	Date: 06 MAY 2013 Range: DMPRC Title: Platoon Maneuver Live Fire Exercise Problem No:
THRU: S3, 3/75 Ranger Regiment Fort Benning, GA 31905	FROM: 3/75 Ranger Regiment Fort Benning, GA 31905

SECTION I, TYPE OF TRAINING

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

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
See Weapons & Ammo Enclosure			

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure

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 checked="" 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: BRIAN W. JAMES CPT, IN RANGE OIC 	Name/rank of Major Unit S3/Commander: SCOTT B. CHENEY, MAJ, IN 3/75 S3
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SECTION VI, FOR RANGE DIVISION USE

DATE: *17 June 2013*

TO:	FROM: Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905
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a. Roadblocks to be closed: *see Roadblock Enclosure.*

b. Road(s) to be closed/road barrier locations:

c. Remarks: *Needs waiver to execute this packet. BST*

d. This approval expires: *16 June 2015*

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

ARTILLERY/MORTAR SAFETY RECORD

For use of this form, see USAIC Regulation 350-19; the proponent is DPTMS, Range Division.

DATE: 1 June 2013	UNIT: 3-75th Ranger Regiment Fort Benning, GA 31904	TITLE: DMPRC 3/75 Platoon Manuever LFX Log #5-2-13
FIRING POINT #: See Below	WEAPONS: See Below	
COORDINATES: See Below		

Weapon Projectile	Left Limit Mils	Right Limit Mils	Minimum Range Meters	Maximum Range Meters	Minimum Charge	Maximum Charge	Maximum Ordnance Meter
SBF 1 (1368 9063) 60mm Mortar							
M766 TPSR	6100	0200	130	250	0	1	148
M769 FRPC	6100	0200	130	250	0	0	200
SBF 2 (1367 9084) 60mm Mortar							
M766 TPSR	0070	0600	75	200	0	1	153
M769 FRPC	0070	0600	75	200	0	0	203
Eelbeck Field (1157 9188) 81mm Mortar							
M879 TP	1800	1975	1850	2600	2	2	1680

SPECIAL INSTRUCTIONS: This FB Form 350-19-2-E-R must accompany the corresponding FB Form 350-19-1-E-R.

TARGET AREA FOR SPF 1 IS OBJ 1
 TARGET AREA FOR SPF 2 IS OBJ 2
 TARGET AREA FOR EELBECK IS LOCATED NORTH OF OBJECTIVE 2

Name/rank of requesting officer BRIAN W. JAMES, CPT, IN, RANGE OIC	
Chief, Range Division Directorate of Plans, Training, Mobilization and Security	<i>Bry S. Z</i> 17 Jun 2013

DMPRC, 3-75 Platoon Maneuver LFX (Log #5-2-13) Weapons/Ammo List Enclosure, 01 June 2013

Position	Type	Model/DODAC	Size of Charges
OBJ's 1 & 2	Various Pyrotechnics (Smoke, Parachute Flares, Star Clusters, etc...)	N/A	N/A
OBJ's 1 & 2	Det Cord, Blasting Caps, Fuzes, Shock Tube, Flashbang Grenade, etc...	N/A	IAW RTC 350-1-2
Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit Deg's Grid Azimuth
SBF 1: 13682 90630	M4/M16/MK16, M249/MK46; 203/M320 M240/MK48	5.56mm Blank/Ball/Tracer; 40mm TP/SMK/ILL 7.62mm Blank/Ball/Tracer	345
	M3 RAAWS	84mm TP/SMK	345
	M24/M110/SR25/MK17	7.62mm (Blank, M118 LR)	345
	60mm Mortar	M766 SRTP, M769 FRPC	352 6100 Mils
Assault 1: 1357 9081 to 1364 9081	M4/M16/MK16, M249/MK46; 203/M320 M240/MK48	5.56mm Blank/Ball/Tracer; 40mm TP/SMK/ILL 7.62mm Blank/Ball/Tracer	070 110
Objective 1: 1367 9083	M4/M16/MK16, M249/MK46; 203/M320 M240/MK48	5.56mm Blank/Ball/Tracer; 40mm TP/SMK/ILL 7.62mm Blank/Ball/Tracer	350 110
SBF 2: 1367 9084	M4/M16/MK16, M249/MK46; 203/M320 M240/MK48	5.56mm Blank/Ball/Tracer; 40mm TP/SMK/ILL 7.62mm Blank/Ball/Tracer	005
	M24/M110/SR25/MK17	7.62mm (Blank, M118 LR)	005
	60mm Mortar	M766 SRTP, M769 FRPC	005 0070 Mils
Assault 2: 1364 9088 to 1369 9092	M4/M16/MK16, M249/MK46; 203/M320 M240/MK48	5.56mm Blank/Ball/Tracer; 40mm TP/SMK/ILL 7.62mm Blank/Ball/Tracer	020 080
Objective 2: 1370 9093	M4/M16/MK16, M249/MK46; 203/M320 M240/MK48	5.56mm Blank/Ball/Tracer; 40mm TP/SMK/ILL 7.62mm Blank/Ball/Tracer	350 110
Eelbeck FARP: 1147 9167 Eelbeck Mortar FP: 1157 9188	Attack Helos: M134 Mini Gun; 2.75" FFAR 81mm Mortar	7.62mm Ball/Tracer; 2.75" Inert M879 TP	080 1800 Mils 1975 Mils
Attack Helo 1: 1360 9063 to 1367 9082 (OBJ 1) Attack Helo 2: 1354 9080 to 1370 9094 (OBJ 2) Attack Helo 3: 1359 9083 to 1419 9105 (Woodline)	2.75" FFAR; M134 Mini Gun 2.75" FFAR; M134 Mini Gun 2.75" FFAR; M134 Mini Gun	2.75" Inert; 7.62mm Ball/Tracer 2.75" Inert; 7.62mm Ball/Tracer 2.75" Inert; 7.62mm Ball/Tracer	360 030 050 040 070 090

NOTE: Max Launch Angle For 2.75" FFAR is +4 Deg's. Various LASER's will be used. LASER warning signs will be in place prior to use.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, 3^D BATTALION, 75TH RANGER REGIMENT
7820 SIGHTSEEING ROAD, BUILDING 2836
FORT BENNING, GEORGIA 31905-5853

AORG-TB-SC

26 March 2013

MEMORANDUM FOR RECORD

SUBJECT: Platoon Maneuver Live Fire Exercise 03-13 Scenario

1. REFERENCES:

- a. Army Regulation 385-63, 30 JAN 2012, Range Safety
- b. DA Pamphlet 385-63, 30 JAN 2012, Range Safety
- c. Memorandum, 3^d Battalion, 75th Ranger Regiment, AORG-TB-SC, 20 JUL 2011, Subject: Battalion Commander's Policy Statement #7 (Live Fire Exercise Policy)
- d. TC 7-9 (Infantry Live Fire Training), Sep 1993
- e. MCOE 350-19 (Range and Terrain Regulation), 19 Jan 2010
- f. RTC 350-1-2 (Advanced MOUT Techniques), 18 Aug 1999

2. The purpose of this exercise is to execute a platoon live fire raid during day and night conditions to validate all Ranger platoons on the collective tasks listed below in order to prepare for future combat operations. In preparation for this exercise, all platoon leaders and platoon sergeants will conduct a raid TEWT at the live fire exercise to discuss proper execution of the raid, direct and indirect fire control measures, and other safety considerations. Each platoon will also conduct rehearsals in the form of key leader back-briefs, key leader roc drills, specialty team rehearsals, and a platoon blank fire exercise on the same site.

3. Collective Tasks Trained.

- a. Conduct platoon attack
 - i. Perform a raid
 - ii. Perform over-watch – support by fire
- b. Develop and communicate a plan
- c. Conduct mission command
- d. Prepare for combat (conduct TLPs)
- e. Move tactically (mounted and dismounted)
- f. Enter a building and clear a room
- g. Treat and evacuate casualties
- h. Perform consolidation and reorganization
- i. Employ indirect fire
- j. Employ attack aviation
- k. Employ ISR
- l. Integrate combat enablers

4. Weapons and ammunition by type.

a. M4/MK16	5.56mm ball/tracer
b. SCAR-H/ MK-17	7.62 Blank/ball/LR
c. M249//MK46	5.56mm LKD 4:1 Blank/ball/tracer
d. M240B/MK48	7.62mm LKD 4:1
e. M203/M320	TPT/Smoke
f. M110 Sniper Rifle	7.62mm Match
g. 12 gauge shotgun	Buckshot/Hatton/Slug
h. 60mm Mortar	FRTR
i. 81mm Mortar	FRTR
j. Det Cord/Shock Tube	Triple Strand Door Charge
k. M3 RAAWS	TP/Smoke
l. 7.62mm	7.62mm
m. 2.75mm Rocket	Inert
n. Flashbang Grenade	Non-lethal 1-banger/non-lethal 9-banger
o. Miscellaneous Pyrotechnics	Smoke/Star clusters/pen flares/parachute flares

5. Concept of the Operation

a. General. This exercise will consist of five phases: 1) Prepare for Combat, 2) Infiltration, 3) Isolation of OBJ TANTALUM, 4) Assault of OBJ TANTALUM, and 5) Consolidation, Reorganization, and Exfil. The platoon will assault one primary objective (OBJ TANTALUM). OBJ TANTALUM will consist of three compounds, walled with interior courtyards and small internal enclosed structures. The platoon will conduct a Stryker GAF infiltration to designated vehicle drop off points(VDO) for the Support By Fire (SBF) element and the Assault element. The SBF element will establish itself in SBF Position 1 over-watching OBJ TANTALUM Buildings 10 and 11. The platoon will then assault, clear, and secure Building 10. The platoon will then establish an intermediate SBF and assault, clear, and secure Building 11. At this point the platoon leader will have made the decision to break-down the SBF element and move it down IVO Compound 10 to re-establish at SBF Position 2 (SBF2) to over-watch Compound 12. Upon securing both Compounds 10 and 11, the platoon will use fire and maneuver (organic MGs and AH-6 7.62mm canon) to assault, clear, and secure Compound 12. The platoon leader will utilize rotary wing assets (AH-6) to engage OBJ TANTALUM throughout the conduct of the raid, and will utilize mortars and snipers to engage targets throughout the conduct of the raid. Upon completion of clearing and securing OBJ TANTALUM, the platoon will consolidate, re-organize, evacuate casualties and withdraw back to the Strykers to exfil the objective area.

b. Phase 1 – Prepare for Combat. This phase begins with the platoon leadership receiving WARNO 1 during Training Week 37 and ends with the platoon, mounted in a four Stryker GAF, crossing PL CHARGERS on RTE BUD on the DMPC. On D-7, the platoon will receive the OPORD for the PLT LFX. They will begin TLPs and the planning process and conduct specialty team rehearsals at the company area. The OPORD and any key leader rehearsals will take place in the company area. On D-1 the platoon leadership will conduct a backbrief to the Battalion Commander and Battalion Command Sergeant Major at the DMPC AAR building. On the day of execution, the platoon will execute an administrative movement to the DMPC. There will be tents available to continue the planning process and space available to conduct rehearsals. A Range Safety Brief will be conducted with the platoon prior to the conduct of each blank and live-fire iteration. According to the attached timeline, the platoon will upload blank ammunition at the DMPC ASP, then conduct movement in Strykers to PL CHARGERS, and standby to execute the platoon blank fire exercise on DMPC. Each platoon will execute a day blank iteration with an AAR, and once certified by the Battalion Commander, a day live fire iteration. Platoons will then have approximately five hours to prepare for night blank and live fire iterations. The platoon will then execute a night BFX iteration in the same manner as the day

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BFX iteration, and once certified, a night live fire iteration. The mortar platoon will be established at a mortar firing point (MFP 1) vicinity GA 1157 9188 at Eelbeck LZ. On order, the platoon will cross PL CHARGERS and begin their infiltration to OBJ TANTALUM along RTE BUD.

c. Phase 2 – Infiltration. This phase begins when the platoon crosses PL CHARGERS onto RTE BUD on the DMPRC and ends with the platoon establishing SBF1 (GA 1368 9067).

i. At H-hour, the platoon will begin their mounted infiltration along RTE BUD to OBJ TANTALUM in a 4-6 Stryker GAF. Weapons will be locked and loaded and remain on safe while travelling in the vehicles. At PL BILLS, the SBF will break off and travel along RTE KILLAINS to the SBF VDO, the assault element will continue on RTE BUD to the Assault VDO. As the AF is conducting the mounted infiltration, ISR will report multiple armed MAMs moving in and around OBJ TANTALUM. The platoon leader will use mortars and rotary wing assets as necessary to isolate OBJ TANTALUM during the infiltration. The platoon leader is responsible for synchronizing the movement of the SBF and support elements to arrive at corresponding VDOs in the appropriate sequence and time. Once the Strykers arrive at the SBF VDO, the SBF element will dismount and move approximately 50 meters to establish the SBF at SBF Position 1 (SBF 1). As the SBF is moving into position ISR will report a group of enemy fighters moving to reinforce OBJ TANTALUM from the north-east and east (AH-6 TGT Group 3). Once the assault element reaches the Assault VDO, they will dismount and move to their assault position. At this time hostile targets will be present on OBJ TANTALUM for the SBF to initiate as planned/ordered by the platoon leader. This concludes Phase 2 Infiltration.

ii. 81mm mortars will fire munitions from Eelbeck DZ (GA 1157 9188) into the designated temporary impact area on a GTL of 103 degrees with a LL of 1800 mils and a RL of 1975 mils. The fires will be observed by a Forward Observer (FO) IVO SBF1 to observe impacts and conduct round count. Mortars will be cold anytime that CCA is inbound.

iii. During this phase AH-6s can be employed to fire 2.75" rockets and 7.62mm (AH-6 TGT GROUP 3).

d. Phase 3 – Isolation (Support by Fire) of OBJ TANTALUM. This phase begins with initiation of the SBF at SBF 1 and ends with the Assault element leaving the assault position to gain a foothold in Building 10.

i. The platoon can engage all targets using all organic weapons from SBF1 (see weapons and ammunition data card). At this point ISR will report movement on OBJ TANTALUM and identify multiple enemy fighters northwest/south of the objective. As the platoon begins movement from the VDO its assault position, the M3 RAAWS will shift its left limit from 355 degrees to 045 degrees and enemy fighters will begin to reinforce their positions from the northeast. The platoon can engage these fighters using all organic weapons systems from SBF1 and rotary wing assets (AH-6 TGT Group 2). All mortars (60mm – handheld; 81mm from MFP) can engage designated targets (60mm LL = 6100 mils, RL = 1445 mils). The SBF will maintain a 15 degree separation from the front line trace of the assault force IAW CGs waiver for all weapons other than the M3 RAAWS and 60mm mortar, which must maintain a 45 degree separation. AH-6s will conduct their attacks within the designated range fan with appropriate start/stop fire lines, identifying both friendly and enemy positions prior to conducting the attack IAW the overhead fires waiver. Rotary wing assets will conduct a fly over of the target area prior to conducting the training to ensure that they understand the target locations. The rotary wing attack will be conducted IAW overhead fire waiver.

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e. Phase 4 – Assault of OBJ TANTALUM. This phase begins with the assault element leaving the assault position and moving to assault Building 10 and ends with OBJ TANTALUM cleared and secured.

i. Prior to the assault element crossing PL COLTS, SBF1 will shift fires to 17 degrees (BLD 11/PL BRONCOS). AH-6 must cease fire on TGT Group 2. During their assault, the platoon can establish intermediate SBF positions oriented to the north or east, depending on the direction of their assault, and engage targets with all organic weapon systems. They will maintain a 15 degree separation between any moving element and an intermediate SBF.

ii. The platoon can enter and clear buildings 10-12 utilizing mechanical, ballistic, and explosive breaches on any exterior or interior doors IAW RTC 350-1-2. The platoon can also employ flashbang grenades while clearing buildings 10-12 IAW RTC 350-1-2. All targets in these buildings will be positioned to ensure all fires are oriented to the north and east within the range fan.

iii. Once the platoon has cleared Building 10 they will establish another intermediate SBF and assault Building 11. SBF 1 must shift its LL to 037 degrees (Vehicle lifter in open) prior to the assault leaving Building 10. Once it is imminent that Building 11 will be cleared, the PL should reach a decision point and decide to break down the SBF and bound them from SBF1 to SBF 2. At this time targets will be present for SNOT(Sniper target banks), and AH-6s (CCA TGT Group 1). As SBF 2 is occupied, the PL will may use all of his organic assets, and the AH-6s to provide SBF for the assault of Building 12. Prior to the assault element crossing north of the berm, the AH-6s will cease fire on CCA TGT Group 1 and SBF 2 will shift left limit to 20 degrees (east side of Building 12). The platoon may also use a M3 RAAWS smoke round from designated firing point to assist with obscuring the enemy view of the assault element, but the M3 RAAWS will cease fire prior to the assault crossing the berm. Prior to the assault element moving from the vehicle hull to breach Building 12, the SBF will shift off of Building 12 to dismounts in the open with a left limit of 35 degrees. The assault element will breach, clear, and secure Building 12 to complete Phase 4.

g. Phase 5 – Consolidation, Reorganization, and Exfil. This phase begins when the platoon secures OBJ TANTALUM and ends with the platoon loading buses to return to the life support area. The time allotted to conduct SSE of the objective will be dictated to the platoon from the TOC (OCs) based on the time remaining in the scenario. At the completion of the scenario the platoon will lock and clear all weapons systems, and move IVO the intersection of RTE BUD and PL COLTS, to conduct a hasty hot-wash of the training. During this time the buses will be brought forward to exfil the platoon in an admin movement and range rehabilitation will begin.

7. Safety. The "crawl, walk, run" method of training will be used for this exercise. A detailed leader's TEWT will outline all range fans, restrictions, and safety considerations. Platoon rehearsals and day/night blank fire exercises will be conducted prior to executing live fire exercises. Both the blank fire exercise and the live fire exercise will have dedicated Observer/Controller teams.

a. A field grade officer will be present for all live fire iterations IAW the 3d Battalion, 75th Ranger Regiment Commander's Policy Statement #7 (Live Fire Exercise Policy). He will approve the LFX scenario during TW37.

b. The primary signals for lift and shift fire will be IAW each platoon's ground tactical plan and will consist of radio/verbal communication, hand/arm signals, and pyrotechnic devices. These signals will be rehearsed during the PLT BFX and will remain consistent throughout the exercise.

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- c. Any unused charges will be burned as part of training ensuring that all environmental considerations are taken into account IAW MCoE Regulation 350-19.
- d. The Range NCOIC will maintain communication with all road guards throughout the exercise. All necessary road blocks will be in position NLT 30 minutes prior to execution of training. There will be five manned road guard position IAW the road guard locations attachment.
- f. Primary medical coverage will be provided by the Battalion Surgeon and the Battalion Physicians Assistant. The primary means of medical evacuation will be aerial. The alternate means of evacuation is ground evacuation using an FLA. The FLA will be located vicinity the SP and will have the ability to pick up casualties anywhere along RTE BUD, RTE COORS, and RTE SCHLITZ. A MEDEVAC rehearsal will be conducted prior to the exercise.
- g. All platoons will receive a detailed safety brief prior to executing the live fire exercise. All platoon leadership will also conduct a terrain walk on the LFX range (DMPRC) prior to conducting the exercise.
- h. If a dud or UXO is discovered on the range, the Battalion Commander will make the decision to either continue training or to go into a check fire status by notifying Range Control and await EOD.
- i. There will be range rehabilitation conducted between all iterations of both the LFX and BFX. This will ensure that all conditions are still safe on each range (i.e. sandbags in place and adequate to provide protection to targetry and reduce any ricochets, road conditions adequate for Stryker travel, all construction serviceable, etc.).
- k. All aviation assets will conduct a face-to-face link up with O/Cs prior to conducting the first LFX iteration. During this link up all FSCMs and graphic control measures will be discussed. All aircraft crews will conduct a flyover of the range prior to executing the first LFX iteration. The FARP will be located on Eelbeck DZ for all aviation assets and will be established and run by aviation support personnel only IAW all applicable rules and regulations.
- l. All ammunition at the DMPRC ASP will be clearly separated by blank and live on the ammunition pad. Platoon leadership will ensure all blank ammunition and blank firing adapters are properly downloaded prior to moving to the ASP for live ammunition draw.
- m. All weapons will be cleared prior to moving from OBJ TANTALUM to the AAR site at the DMPRC.
- n. There will be FM communication between all O/Cs, OIC, RSO, targetry personnel, MEDEVAC assets, aircraft, and the TOC at both ranges. Range bricks will be used to maintain communication between the OIC/RSO, TOC, and all road guards. If communication is lost with any asset during an iteration, an emergency cease fire will be called.
- o. Emergency cease fires can be called by anyone on the range if there are any unsafe conditions. There will be O/Cs moving with each maneuvering and firing element and all O/Cs will maintain communications with all support assets. Cease fires will be called over the FM admin net with an alternate signal of pyro, as briefed by the RSO during the range safety brief.
- p. All Rangers will wear ACH, ear and eye protection, gloves, and body armor with ballistic plates when conducting the BFX and LFX. All O/Cs will also wear this protection when on the range.

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q. A comprehensive safety briefing will be conducted prior to any element conducting the BFX and LFX covering all the risk mitigation measures taken during the exercise and all safety risks inherent to this type of training.

r. All demolition will be conducted IAW RTC 350-1-2 with all MSDs verified by the RSO and briefed prior to execution.

s. There will be multiple backside rehearsals conducted to support the BFX and LFX, including MEDEVAC, and targetry and support rehearsals to ensure that all personnel acting as safeties and support assets understand the scheme of maneuver and support for both ranges.

8. Timeline

a. Macro

JUN / JUL 2013	MON 17	TUE 18	WED 19	THU 20	FRI 21	SAT 22	SUN 23
BN							
HHC							
A	SBF LFX	PLT LFX			SPT		
B			PLT LFX			SPT	
C		SPT			PLT LFX		
D					SPT		PLT LFX
E							
LIFT / FIRE 8		2xAMS					

TLPs – CO Area

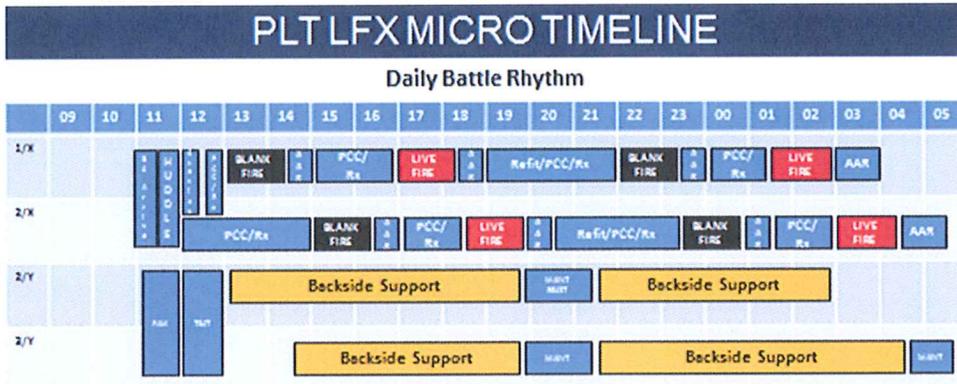
BC/CSM Back-brief – DMPC TOC

BFX – DMPC

LFX – DMPC

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b. Micro



9. The point of contact for this memorandum is CPT Brian James, Training Officer, 3^d Battalion, 75th Ranger Regiment, available at 706-545-7716 or brian.w.james@75rr.soc.mil.

Scott B. Cheney
 SCOTT B. CHENEY
 MAJ, IN
 Battalion Operations Officer

PLT LFX SBF 1 SMART CARD

Task Organization

Co C2, 4x ICV, PLT (+) w/ enablers (SNOT, 60mm TM, 1x 81mm, and 2x AH-6

SBF Triggers

Initial Limits: LL: 345° RL: 065

Shift 1: ASLT depart VDO- M3 shift from LL (345°) to dismounts in the open/vehicle lifter (37°).

Shift 2: Prior to ASLT Crossing PL COLTS - All SBF weapons shift to LL PL BRONCOS (017° , BLDG 11), M3 cease fire.

Shift 3: Prior to ASLT leaving BLDG 10 - All SBF weapons shift to LL 037° (vehicle lifter).

Cease Fire: Vehicle lifter/ dismount TGTs no longer presented.

Assault: LL: 60° RL: 100

AH-6

TGT Group 1

Attack Heading 020, 7.62mm and 2.75" Rockets

Start: After 81mm rounds complete, ICW SBF1

Cease: Prior to ASLT crossing PL COLTS

81mm Mortars

Fires will be observed by Co FSOs

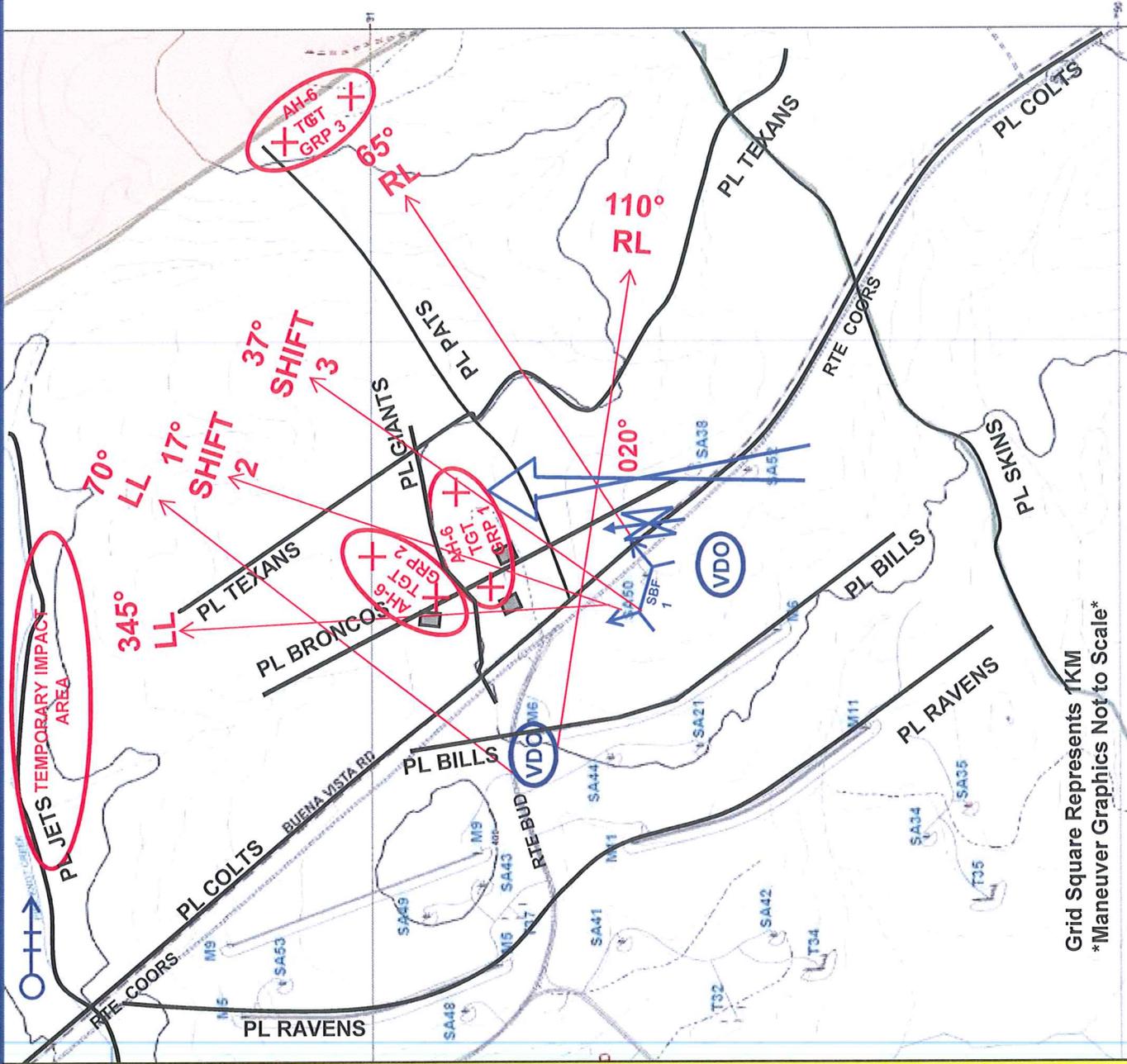
Fire from Eelbeck: 103°. MTRs COLD if AH-6s inbound. MTRs will cease fire as PLT occupies SBF. (6-8 rounds per iteration)

60 MM Mortars

Fire from SBF IAW range packet. MTRs will be cold when AH-6s inbound from ABP VIPER / on station. 60mm will not engage buildings

Safety Considerations

CCA will be located at ABP VIPER during 81mm fires from Eelbeck MFP into the temporary impact area, and for hand held 60mm FIRES from SBF.



Grid Square Represents 1KM
Maneuver Graphics Not to Scale

PLT LFX SBF 2 SMART CARD

Task Organization

Co C2, 4x ICV, PLT (+) w/ enablers (SNOT, 60mm TM, 1x 81mm, and 2x AH-6.

SBF Triggers

Initial Limits: LL: 005 RL: 60

Shift 1: Prior to ASLT crossing PL GIANTS
All SBF weapons shift LL to east side of BLDG 12 (15°)

Shift 2: ASLT leaves vehicle to breach BLDG 12
All SBF weapons shift LL to dismounts in the open (41°)

AH-6

TGT Group 2

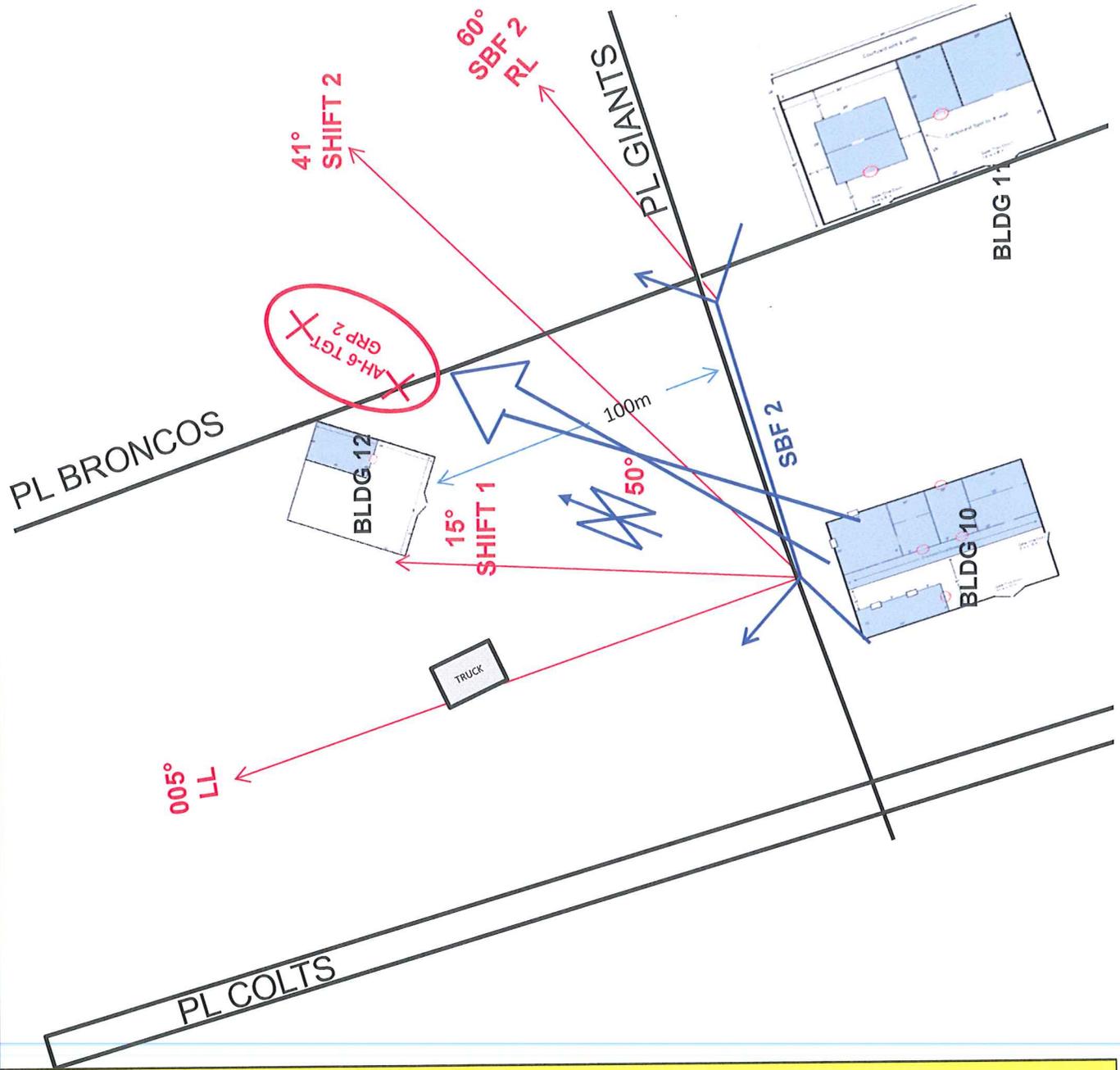
Approach Heading 050° 2.75" Rockets & 7.62
Start: o/o of PL after target is identified, ICW SBF2
Cease: Prior to ASLT crossing PL GIANTS

60 MM Mortars

Fire from SBF IAW Range packet. MTRs will be cold when CCA inbound from ABP VIPER / on station. 60mm will not engage buildings.

Safety Considerations

CCA will be located at ABP VIPER during 81mm fires from Eelbeck MFP into the temporary impact area, and for hand held 60mm FIRES from SBF.





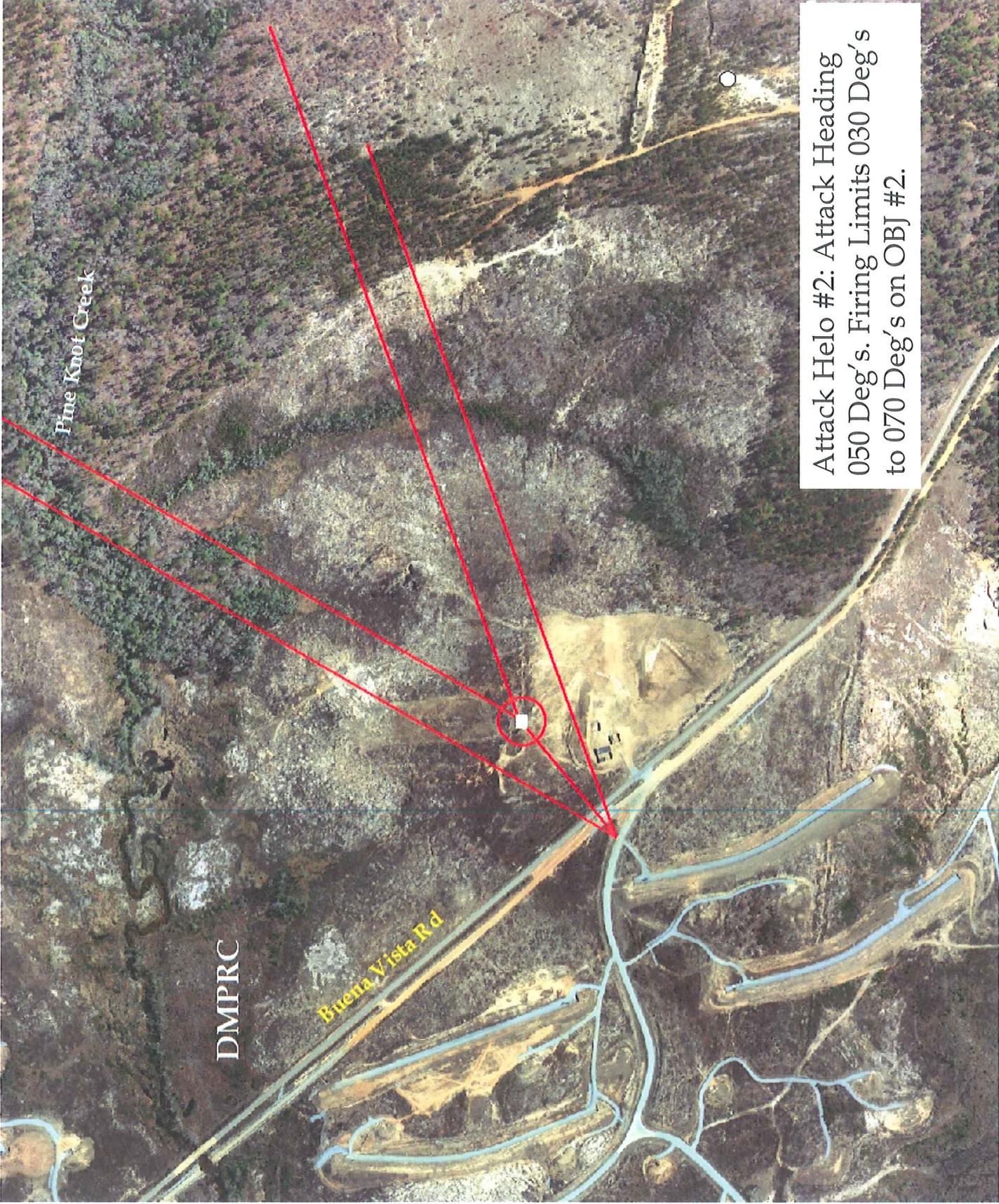
Pine Knot Creek

Buena Vista Rd

DMPRC



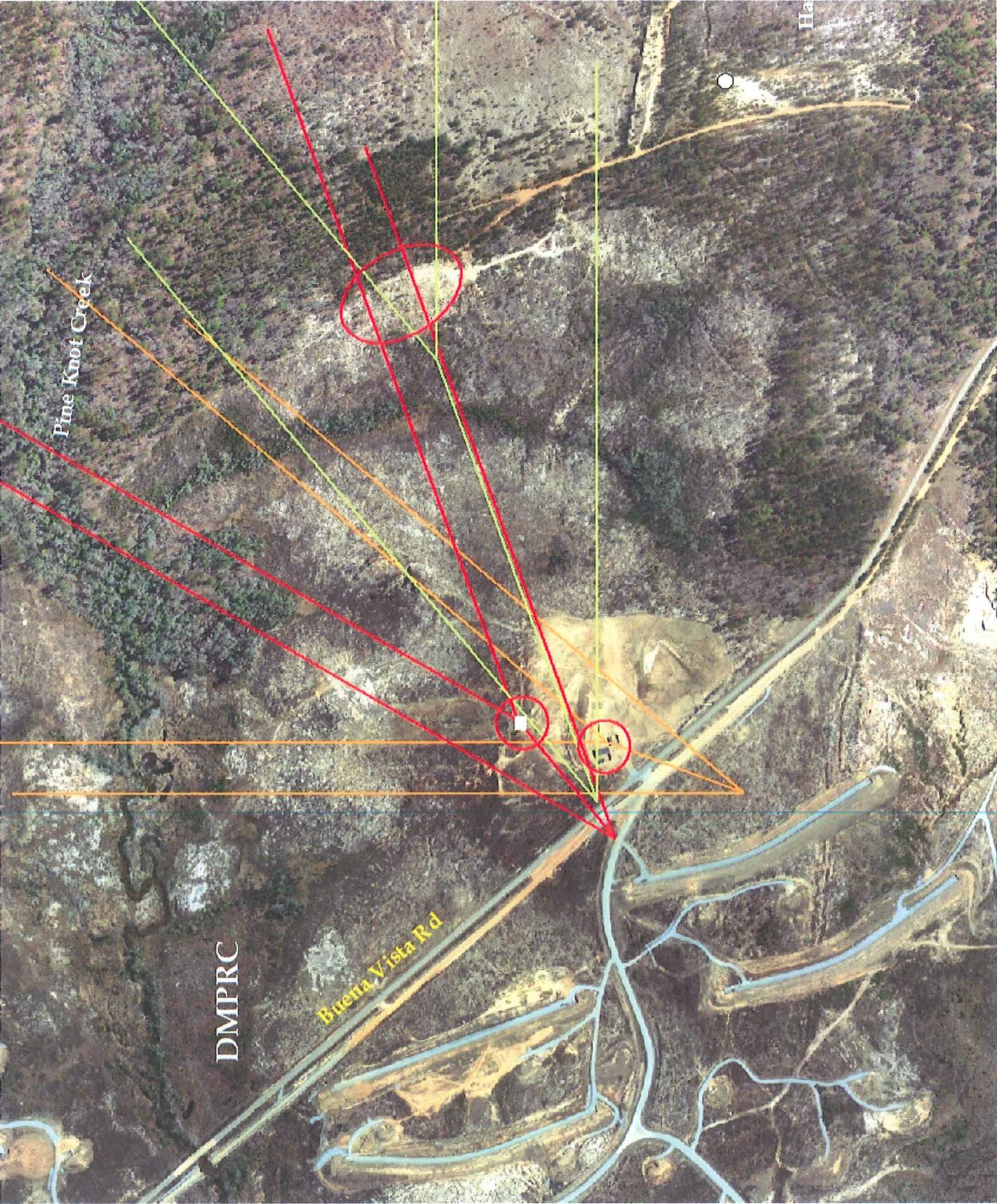
Attack Helo #1: Attack Heading
020 Deg's. Firing Limits 360 Deg's
to 040 Deg's on OBJ #1.



Attack Helo #2: Attack Heading 050 Deg's. Firing Limits 030 Deg's to 070 Deg's on OBJ #2.



Attack Helo #3: Attack Heading 070 Deg's. Firing Limits 050 Deg's to 090 Deg's on Targets at Woodline.



DMPRC 3/75 Platoon Maneuver LFX (Log #5-02-13) Roadblock List, 01 June 2013							
BLOCK	GRID	LOCATION	TYPE	BLOCK	GRID	LOCATION	TYPE
K-2	163 883	Across Box Springs Rd 125m N. of its intersection with Buena Vista Rd.	Gate	K-36A	163 882	Across Tank Trail 50m W. of its intersection with Box Springs Rd.	Gate
K-3	153 894	Across entrance road leading to Concord OP. 250m N. of its intersection with Buena Vista Rd.	Gate	K-38	201 941	Across unnamed trail 35m W. of its intersection with the east boundary road. Permanently closed.	Gate
K-4	144 901	Across entrance road leading to Hartell Bunkers 50m N. its intersection with Buena Vista Rd.	Gate	K-39	202 949	Across unnamed trail 15m W. of its intersection with the east boundary road. Permanently closed.	Gate
K-5	117 920	Across Shamanski Rd 25m N. of its intersection with Buena Vista Rd.	Gate	K-41	192 944	Across Kennesaw Trail 30m W. of its intersection with Box Springs Rd.	Gate
K-10	118 920	Across Buena Vista Rd at K-5 road block.	Gate	K-42	193 944	Across Box Springs Rd 1200m N. of its intersection with Cactus Rd.	Gate
K-16A	172 889	Across Rinehart Rd 20m S. of its intersection with the northern boundary range road.	Gate	K-47	176 963	Across Turrentine Rd 1000m W. of mover 4 on Hastings Range	Gate
K-16B	171 990	Across un-named trail 20m S. of its intersection with the northern boundary range road.	Gate	L-10	110 918	North on Hourglass road from Buena Vista road 175 meters past tank trail.	Gate
K-28	191 885	Across Whitson Rd 15m W. of its intersection with Cactus Rd.	Gate	D-1	098 878	On Hourglass road, 700 meters north of 1st Division Road.	Gate
K-29	189 888	Across un-named trail on left side of Cactus Range 300m W of Cactus Road	Gate	D-2	122 887	On Underwood road approximately 900 meters north of Underwood and Plymouth road intersection.	Gate
K-30	190 890	Across un-named trail on right side of Cactus Range 250m W of Cactus Road.	Gate				
K-32	192 915	Across Shamanski Rd 35m W. of its intersection with Cactus Rd.	Gate				
K-36	163 883	Across Buena Vista Rd 50m W. of its intersection with Box Springs Rd.	Gate				

DMPRC 3/75 Platoon Maneuver LFX (Log #5-02-13) Road Guard List, 01 June 2013	
Guard #1	On Buena Vista Road at 118 920 (K-10 Roadblock) blocking traffic going East on Buena Vista Road.
Guard #2	On Buena Vista Road at 163 883 (K36 Roadblock) blocking traffic going North-West on Buena Vista Road.
Guard #3	On Hourglass Road at 098 878 (D-1 Roadblock) blocking traffic going North on Hourglass Road.

DMPRC 3/75 Platoon Maneuver LFX (Log #5-02-13) Barrier List, 01 June 2013	
Barrier #1	On un-named trail at 1553 8738 blocking traffic going West.
Barrier #2	On un-named trail at 1608 8766 blocking traffic going West.

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

Communications: 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.

Incident: When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately call a cease fire and report it to 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.

Medical: In the event of an accident, injury or illness, the OIC/RSO will immediately call a cease fire then call 911 using the standard 9 Line MEDEVAC to determine what type of evacuation is the most appropriate for the injury (loss of life, limb or eyesight). MEDEVAC will be IAW MCoE Regulation 350-19 and 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.

Ammunition: There will be no de-linking or re-linking of any ammunition. Any ammunition that has been de-or re-linked is considered nonstandard and is prohibited from the range.

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.

COMPOSITE RISK MANAGEMENT WORKSHEET

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

1. MSN/TASK PLATOON LIVE FIRE EXERCISE 03-13	2a. DTG BEGIN 180600JUN13	2b. DTG END 170500JUN14	3. DATE PREPARED (YYYYMMDD) 20130422
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4. PREPARED BY		a. LAST NAME		b. RANK		c. POSITION	
JAMES		JAMES		CPT		PLATOON LFX OIC	
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?
	FRAATRICIDE DUE TO FIRE AND MOVEMENT	H	All Rangers must certify during blank fire under conditions identical to the live fire. Rangers will certify in TM/SQD positions before executing the LFX IAW RCO PL #7. A backbrief will be conducted prior to the LFX. The Battalion Commander will validate all LFX scenarios. Leader TEWT conducted 14 JUN on the LFX lane.	M	Final Range walk conducted 14 JUN 13	OIC, RSO, O/Cs (COs, ISGs), Individual Ranger	
			A 15-degree minimum safe distance is enforced for rifles and machine guns IAW DA PAM 385-63 and the MCoE CG's Waiver.		Visual TRPs are built into the scenario to make shift-fire cues easily identifiable	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			All ammunition for the BFX and LFX will be segregated at the ASP. Leaders will check all weapons for proper ammunition prior to each iteration.		PCCs/PCIs, Weapons cleared after each iteration, visual blank adapter checks prior to live iterations	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			A 45 degree minimum safe distance is enforced for 84mm munitions. All targets for 84mm munitions will be placed to mitigate risk to maneuver elements.		Pre-ASLT infil 84mm can engage all targets, post-ASLT infil can engage all TGTs east of BLD 11	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			Rangers only use the weapon(s) they are qualified on and will fire CQM tables before conducting LFX iterations IAW RCO Policy Letter #7.		SLFX executed on TW35 and TW36	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	

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

LOW
 MODERATE
 HIGH
 EXTREMELY HIGH

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

14. RISK DECISION AUTHORITY

a. LAST NAME ELLIS	b. RANK LTC	c. DUTY POSITION BATTALION COMMANDER
		d. SIGNATURE 

ITEMS 5 THROUGH 12 CONTINUED:

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?
			A detailed safety brief will be given to all Rangers with emphasis on weapon and target awareness.		Range boundaries and targets briefed during TEWT and Safety brief stressed before both blank and live fires.	OIC/RSO, Individual Ranger	
			Rangers will place weapons on safe when not engaging targets.		Individual Ranger Discipline	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			Regimental Policy Letter #7 will be enforced.		All Leaders understand Policy Letter #7. Safety Brief	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			The front line trace of maneuvering elements will be identified by support elements.		OIC, RSO, O/C attached to both maneuver and support elements	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			OIC/RSO or O/C will move with each element conducting LFX. The range qualified OIC and RSO operate the Range IAW FBGA Range Safety Regulations.		OIC, RSO, O/C attached to both maneuver and support elements	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			A Medic, PA, or Surgeon will be on site with a CASEVAC vehicle at all times during LFX.		All Rangers know where the CCP and CASEVAC locations are located, Safety Brief	OIC RSO, O/C, Individual Ranger	
			Rangers wear MICH/OPS Core Helmet, Plate Carrier w/ front, back, and side plates, and eye protection.		PCCs/PCIs, leaders verify front and back plates are present	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
			All personnel will be accounted for after each iteration, prior to leaving the LFX objective. No personnel will remain on the OBJ between iterations.		PSG give both OIC and RSO confirmation that all personnel are accounted for.	OIC RSO, O/C PL/PSG/SL/TL, Individual Ranger	
	FRATRICIDE DUE TO EMPLOYMENT OF RW CAS WHILE OVERHEAD OF TROOPS	H	RW CAS Pilots will conduct a terrain walk of the target area prior to execution. 1-160th & 3/75 have already conducted a successful FSCX with AH-6s during TW30.	M	RW Pilots conduct rehearsal of engagements with 3/75 FSE on the range	OIC, RSO, O/Cs, FSO/FSNCO, RW Pilots, Leaders, Rangers, Individual Ranger	
			Pilots will conduct dry run of engagements during the blank fire iterations with the platoons to ensure they understand the scenario and friendly ground force locations		RW Pilots participate in blank fire iterations	OIC RSO, FSO, FSNCO	

ITEMS 5 THROUGH 12 CONTINUED:

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?
			The assault force will lift all RW fires prior to crossing PL GIANTS.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
			Pilots and PLs will confirm friendly marking and enemy marking prior to execution.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
			PLTs and RW will conduct a commex prior to execution, and remain in comms throughout execution. If communication is lost, RW will cease fires.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
			RW will not engage without a valid CFF.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
			O/C will verify CFF mission via FIRES net.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
			RW will conduct blank runs with ground forces to positively ID friendly positions and targets prior to executing the LFX.		RW Pilots participate in blank fire iterations	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
			RW will utilize specified start/stop fire lines. All RW fires will be executed IAW the overhead fires waiver.		FSO/FSNCO clears all fire missions, RW Pilots participate in blank fire exercise	OIC RSO, O/C PL/RW Pilots, Individual Ranger	
FRAITRICIDE DUE TO EMPLOYMENT OF MORTARS		M	Fire Support Coordination and Graphic Control Measures will be briefed prior to execution.	L	Leaders familiarized during TEWT, All Ranger Leaders will have GRGs	OIC RSO, O/C PL/PSG, BMP, Individual Ranger	
			The assault force will lift 81mm mortar fire prior to crossing PL COLTS.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/PSG, BMP, Individual Ranger	
			The BN Mortar Platoon will register the mortars under control of the BN FSO/FSNCO prior to any LFX or BFX iteration.		Mortar PLT conducts registration every time the mortar tubes are moved or assembled and daily	OIC RSO, O/C, BMP	

ITEMS 5 THROUGH 12 CONTINUED:

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?
			The BN mortar PL or PSG will be on site at the MFP.		OPORD/FRAGO	OIC RSO, O/C, BMP	
			The mortar section leaders will verify lay and charge prior to each fire mission.		Spot Checks	OIC RSO, O/C, BMP	
			81mm mortars will only be fired at targets IAW the PLFX range packet.		FSO/FSNCO clears all fire missions	OIC RSO, O/C PL/PSG, BMP	
			OIC with the FO will PID the target, verify the CFF request, and count rounds.		FSO/FSNCO clears all fire missions, O/C will confirm all rounds on target	OIC RSO, O/C, BMP	
	AVIATION ACCIDENT	H	Pilots operate with crew duty day. Aircraft are maintained and certified for operations. Weather minimums are maintained throughout the training period	M	Close coordination with 1-160th prior to start of exercise	OIC/RSO, FSO/FSNCO, RW Flight Lead, Pilots	
	NEGLIGENT DISCHARGE	M	Weapons awareness will be emphasized during the range safety brief.	L	OIC/RSO safety brief	OIC RSO, O/C	
			Weapons will be placed on safe when not engaging targets.		Individual Ranger discipline, OIC will monitor	OIC RSO, O/C PL/PSG/SL/TL	
			Rangers will only use weapons they are qualified on IAW the RCO's Policy Letter #7.		SLFX executed on TW35 and TW36	OIC RSO, O/C PL/PSG/SL/TL	
			Rangers lock and load when told to do so by the OIC/RSO.		OIC/RSO cover locking and loading weapons during range safety brief	OIC RSO, O/C PL/PSG/SL/TL	
			All weapons will be locked, cleared, and inspected upon completion of the LFX/BFX lane.		Rangers will buddy check weapons are cleared. Tls will inspect	OIC RSO, O/C PL/PSG/SL/TL	

ITEMS 5 THROUGH 12 CONTINUED:

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?
	MIXING OF LIVE AND BLANK AMMUNITION	M	All ammo will be checked after each iteration to ensure no mixing of blank and live rounds. The Ammo NCO will control the distribution of all ammo to the platoons.	L	PCCs/ PCIs, Blank fire certification prior to LFX. Weapons cleared after each iteration No live rounds will be given to Rangers until blank all iterations have been complete	OIC RSO, O/C PL/PSG/SL/TL	
			E Co will segregate the ASP for blank and live ammunition to ensure live and blank ammunition is not mixed.		Live and blank ammunition kept on opposite side of the ASP and clearly marked	OIC RSO, O/C	
	INJURY FROM SHOTGUN BLAST FRAGMENTS	M	All personnel will wear soft armor, plate carrier w/ all four plates, helmet, gloves, and eye protection. Rangers will be trained on the proper use of the shotgun and ensure proper ammunition is used.	L	PCCs/ PCIs, All leaders verify PPE Training occurred during CO MET weeks	OIC RSO, O/C PL/PSG/SL/TL	
			Training will be conducted IAW all applicable FMS, TMs, and Training Programs.		BN Policy Letter #7	OIC RSO, O/C PL/PSG/SL/TL	
			Rangers will leave the expended shell casing in shotgun breach after gaining entry to the door.		As Per SOP	OIC RSO, O/C PL/PSG/SL/TL	
	INJURY DUE TO MOVING THROUGH FIELDS OF FIRE	H	Rangers will only fire from approved firing points and all firing points will be briefed to platoon leadership during terrain walk. Rangers will clear all weapons when appropriate.	M	Leaders conduct TEWT	OIC RSO, O/C PL/PSG/SL/TL	
			When not engaging targets; weapons will be pointed in safe direction, trigger finger will be outside the trigger well, and selector will be on safe.		Brief the five rules of weapon safety during the safety brief	OIC RSO, O/C PL/PSG/SL/TL	

ITEMS 5 THROUGH 12 CONTINUED:

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?
			RSO/OIC will provide a safety brief to all Rangers prior to execution of the range.		OIC/RSO Safety Brief to each element going onto the range before blank and live fire iterations	OIC RSO	
			Rangers will be briefed on the location of hot walls in buildings. Rangers will not stack outside of designated hot walls.		Leader TEWT, Ranger backbriefs	OIC RSO, O/C PL/PSG/SL/TL	
	FIRING OUTSIDE OF THE RANGE FAN/SURFACE DANGER ZONE	M	OIC/RSO will brief O/Cs on Range Limitations	L	All O/Cs attend Leader TEWT	OIC RSO, O/C	
			Rangers will fire only from designated firing points and firing points will be briefed to platoon leadership prior during terrain walk		Leader TEWT, TLs using fire control methods	OIC RSO, O/C PL/PSG/SL/TL	
			Range Safeties will ensure that weapons are oriented within the surface danger zone when engaging targets.		SDZs will be briefed to all Safeties and kept on hand at the DM/PRC	OIC RSO, O/C PL/PSG/SL/TL	
			Targetry will be placed and operated to minimize risk of firing outside of range fan/surface danger zone.		Targets arrayed with 15-degree separation, target operator proper manipulation	OIC RSO, O/C	
	INJURY DUE TO NEGLIGENT DISCHARGE OR RICOCHET	M	Weapons will remain on safe when targets are not being engaged.	L	Individual Ranger Discipline, O/Cs will monitor for unsafe acts	OIC RSO, O/C PL/PSG/SL/TL	
			Blank fire iterations will be conducted before live fire iterations. Leaders ensure all Rangers are qualified on the weapons systems they are using throughout the entire exercise.		Blank fire both day and night before live fire iterations	OIC RSO, O/C PL/PSG/SL/TL	
	EYE DAMAGE DUE TO LASERS (AIMING DEVICES)	M	Rangers will use eye safe blue blocks/screws (low power setting) on all individual weapon lasers as provided by the manufacturer.	L	Laser Usage covered in the Range Safety Brief	OIC RSO, O/C PL/PSG/SL/TL	
			All Rangers adhere to SOPs for LASERS when conducting operations in the vicinity of aircraft.		Rangers adhere to Laser discipline, only illuminating intended targets	OIC RSO, O/C PL/PSG/SL/TL	

ITEMS 5 THROUGH 12 CONTINUED:

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?
	PERSONAL INJURY WHILE DRIVING TO RANGE	M	Prior to any movement to the range all drivers will receive a driving safety brief All personnel riding in a vehicle will wear seat belts and drivers will be properly licensed.	L	OIC/RSO Safety Brief, All drivers certified on vehicles	PL/PSG/SL/TL	
			All personnel driving will receive a minimum of six hours of rest prior to driving.		OIC/RSO Safety Brief, All drivers certified on vehicles	PL/PSG/SL/TL	
			All personnel driving will take appropriate rest stops approximately every two hours (if needed) and adjust speed based on weather and terrain conditions.		Rest Plans implemented by CoC	PL/PSG/SL/TL	
			All personnel will conduct a vehicle inspection prior to departure.		TC insures proper speed is adhered to based on weather conditions	PL/PSG/SL/TL	
			All personnel will conduct a map reconnaissance and ensure they know route to desired location.		Perform proper PMCS of vehicles	PL/PSG/SL/TL	
			All personnel will check weather update prior to departing.		Map recon	PL/PSG/SL/TL	
			Leaders will ensure subordinates maintain hydration throughout training. All Rangers will properly hydrate prior to training and receive adequate food and rest. Rangers will discontinue radio communication in the event of an electrical storm.	M	S2 provides updated weather slides to companies	PL/PSG/SL/TL	
WEATHER CONSIDERATIONS (HEAT/COLD INJURY)		H			Water buffalo onsite, with Water cans located in cooling tents at eelback field and DMPRC Admin Areas	OIC RSO, O/C PL/PSG/SL/TL	
			Leaders will ensure Rangers wear the appropriate uniform for conditions.		Incliment weather plan briefed during Safety Brief and TEWT	OIC RSO, O/C PL/PSG/SL/TL	
					Uniform call based on GFC guidance	OIC RSO, O/C PL/PSG/SL/TL	

ITEMS 5 THROUGH 12 CONTINUED:

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?
	PERSONAL INJURY (MIT, TACTICAL MOVEMENT)	L	All Rangers will wear MICH/OPS Core Helmets, Eye Protection, and gloves. Rangers will receive a safety brief on the terrain and possible hazards. Rangers will be familiar with all equipment before executing training. Instructors are present during initial training. Classes are given prior to any practical applications.	L	Range Safety Brief	OIC RSO, O/C PL/PSG/SL/TL	
			All aircraft will be deconflicted by altitude or lateral separation and will report clear before surface to surface fires are employed. SBF/ASLT leaders will not re-engage until AH-6s are out of the direct fire SDZs. This will be addressed on the TEWT with the WSL and above.				
	AIRCRAFT STRUCK BY SURFACE TO SURFACE MUNITIONS	H		M	RSO/OIC and all leaders monitor situation visually and via radio.	OIC, RSO, O/Cs, FSO/FSNCO	



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 5/22/2013

EMD Number: 1314207

Project#: Unknown

Project Title: Establishment of Forward Arming and Refueling Point and Mortar Firing Point

Description of proposed action:

3/75 will use EELBECK DZ as a FARP where AH-6 Helicopters will re-fuel and re-arm for support of the live fire on DMPRC. 3/75 will also establish a Mortar Firing Point on EELBECK and will fire 81mm mortars from EELBECK into a temporary impact area on DMPRC. 81MM mortars will be firing from GA 1140 9179. The FARP location will be GA 1140 9189

Project Location:

Eelbeck

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

50

Type of Ammunition:

81MM FRTR/HE, 2.75" Inert RKTs,
7.62mm Live

Number/Types of Trees:

None

Size of Project Area: N/A

Duration of Action: Start: 6/17/2013 Stop: 9/30/2013

Proponent: jay.dochnahl

706-545-7716

Organization/Unit: 3rd Ranger Battalion

Number/Types of Vehicles:

GMV, 1x Fuel Tanker, 3xAH-6, 1x bus.

DECISION: Concur with conditions

This Action qualifies for a Categorical Exclusion **J-1** of Appendix B, (32 CFR 651)

(J-1): Infrequent, temporary (less than 30 days) increases in air operations up to 50 percent of the typical installation aircraft operation rate (REC required).

REC APPROVED THROUGH 30 SEPTEMBER, 2013

Noise

Conditions:

Ellis Leeder (706 545 2400), 6/17/2013

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 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 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

Cultural Resources - Archeological

Conditions:

Edward Howard (706 545 1898), 5/30/2013

See attached JPEG map for reference. The training area is in close proximity to federally protected sensitive sites, therefore it may contain artifacts related to the sites. Avoid vehicle parking, equipment lay-downs and other forms of ground disturbance in the sites, as seen in red in the attached map. The project OIC is responsible to insure the sites are not disturbed, regardless of whether or not they are marked. Additionally, if endangered plants, historic artifacts or Native American artifacts (arrowheads, etc) are encountered here (as in anywhere on the Installation) their removal constitutes theft as well as possible violation of other federal laws. This could result in criminal prosecution. Contact CRM with any questions or concerns. Re-submittal is required if submitted project is modified in any way.

EMD Number: 1314207

IJO#

Project Title: Establishment of Forward Arming and Refueling Point and Mortar Firing Point

Natural Resources RCW - BRAC Conditions:

Jonathan Neufeldt (706 544 7705), 6/17/2013

USFWS approval received.

Natural Resources - RCW

Conditions:

Michael Barron (706 544 7080), 5/30/2013

Approve use of Eelbeck as a FARP. Please see comments from Jonathan Neufeldt for use of DMPPRC.

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 5/28/2013

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.

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 5/22/2013

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 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.

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SPECIAL NOTE: See attached Unit/Activity SOP for Training and Deployment and Refueling documents with recommendations during training exercise. For refueling, maintenance and/or hazardous material/waste storage areas - recommended a distance of approximately 100 (30 meters) from any water ways.

Signature



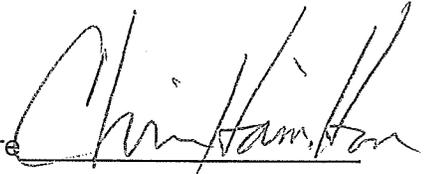
John E Brown

NEPA Program Manager

Date

18 Jun 2013

Signature



Christopher E. Hamilton, PhD

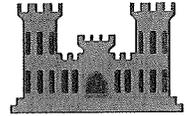
EPMB Chief

Date

18 Jun 13



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 5/21/2013

EMD Number: 1314208

Project#: Unknown

Project Title: PLATOON LIVE FIRE EXERCISE 3-13

Description of proposed action:

3/75 will conduct a live fire exercise on the DMPRC using all organic weapons systems. Ammo used: 5.56, 7.62, 40mm TPT, 60MM FRTR, 81MM FRTR, 84MM TPT, 84MM SMK, DET CORD, DATA BOOSTER, SHOCK TUBE, HG SMOKE, Star cluster, 2.75" Inert Rockets. 6x Pick-up truck, 4x Stryker, 2x bus, 2x AH-6 Helicopter. DMPRC Start Point: GA13317 90694, END Point GA 1367 9083. There will be four iterations a day for six days. Each iteration will last approximately 1 hour. Aerial Gunnery and Mortars will be incorporated

Project Location:

DMPRC

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

80 per day

Type of Ammunition:

See Above Live and Blank

Number/Types of Trees:

None

Size of Project Area: N/A

Duration of Action: Start: 6/18/2013 Stop: 9/30/2013

Proponent: jay.dochnah

706-545-7716

Organization/Unit:

3rd Ranger Battalion

Number/Types of Vehicles:

See above

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, 2013

Natural Resources RCW - BRAC Conditions:

Jonathan Neufeldt (706 544 7705), 6/17/2013

USFWS approval received.

Noise

Conditions:

Ellis Leeder (706 545 2400), 6/17/2013

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 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 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

EMD Number: 1314208

IJO#

Project Title: PLATOON LIVE FIRE EXERCISE 3-13

Cultural Resources - Archeological

None

Edward Howard (706 545 1898), 5/30/2013

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 5/28/2013

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.

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 5/22/2013

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 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.

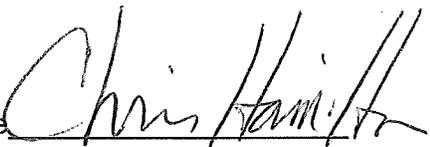
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Signature 

John E Brown

NEPA Program Manager

Date 18 JUN 2013

Signature 

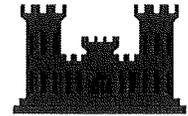
Christopher E. Hamilton, PhD

EPMB Chief

Date 18 JUN 13



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 6/10/2013

EMD Number: 1316107

Project#: Unknown

Project Title: Task Force Training TFT

Description of proposed action:

3/75 will conduct Task Force Training. The training will consist of platoon raids on specific areas within the training areas mentioned below. Platoons will be using strykers or GMVs and various helicopters such as, 4xAH-6, 4xUH-60, 2xCH-47, 2xCV22s, for transportation to the training sites. All strykers will remain on the roads. Training will consist of platoons assaulting existing compounds or temporary wooden structures using blank ammunition only. Various pyrotechnics will also be used. Training will be conducted during periods of limited visibility but platoons will not be sleeping in the training sites and there will be no life support (bathrooms, feeding areas, etc) on the training sites. Platoons will move to the sites to conduct the training then move back to Lawson Army Airfield for lodging and life support. Temporary buildings will be constructed out of wood. Structures will be no larger than 40'x40' and will be constructed by unit engineers using wood only. There will be no earth moving during the construction as all sites are already flat and clear of foliage. Ammunition includes 5.56 blank, 5.56 blank link, 7.62 blank, 7.62 blank link, .50 cal blank, various pyrotechnics. There will be no digging on any of the sites listed. Commando, Todd HLZ, Todd West, Hollis DZ, Ledo DZ, G1-G8, Dekkar Strip, Dekkar DZ, W1-W8, McKenna MOUT, McKenna Strip, Shanty Town, Selby CACTF, HSTL North, HSTL Center, HSTL South, Lawson Army Airfield, H1-H5, Q1-Q4, Z1-Z3, X5, T1-T7, T11, MINE TA, Malone MOUT, Arkman DZ, Liberty HLZ, Cemetery HLZ, Combs HLZ, Lee HLZ, Wadsworth HLZ

Project Location:

See project Description

Amount, Description, Location of Disturbance/Digging:

none

Number of Personnel:

None

Type of Ammunition:

5.56, 7.62, .50 cal, pyrotechnics Blank

Number/Types of Trees:

none

Size of Project Area:

Duration of Action: Start: 3/24/2013 Stop: 9/30/2013

Proponent: bradleyhojek

545-0499

Organization/Unit: 3/75

Number/Types of Vehicles:

SEE PROJECT DISCRPTION

DECISION: Concur with conditions

This Action qualifies for a Categorical Exclusion **I-3** of Appendix B, (32 CFR 651)

(I-3): Intermittent on-post training activities (or off-post training covered by an ARNG land use agreement) that involve no live fire or vehicles off established roads or trails. Uses include, but are not limited to, land navigation, physical training, Federal Aviation Administration (FAA) approved aerial over-flights, and small unit level training.

REC APPROVED THROUGH 30 SEPTEMBER, 2013

Cultural Resources - Archeological

Conditions:

Edward Howard (706 545 1898), 6/14/2013

See attached JPEG maps for reference (these were attached 06/14/2014). The project area contains federally protected sensitive sites. These sites may or may not be marked with Siebert stakes placed 20 - 30 meters apart which contain labels warning against ground disturbance. Training may be conducted in these sites so long as it does not disturb the ground (digging, off-road vehicle traffic, etc.) The project OIC is responsible to insure the sites are not disturbed, regardless of whether or not they are marked. They are identified in RED in the attached maps. Additionally, if endangered plants, historic artifacts or Native American artifacts (arrowheads, etc) are encountered here (as in anywhere on the Installation) their removal constitutes theft as well as possible violation of other federal laws. This could result in criminal prosecution. Contact CRM with any questions or concerns. Resubmittal is required if submitted project is modified in any way.

EMD Number: 1316107

IJO#

Project Title: Task Force Training TFT

CWA - Training

Conditions:

Jessica Taylor (706 604 4572), 6/12/2013

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 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).

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Natural Resources - RCW

Conditions:

Michael Barron (706 544 7080), 6/10/2013

See attached conditions. Trees/limbs must not be cut down to be used to create temporary buildings. Buildings cannot be set up within RCW clusters as this would take more than 2 hours to build/tear down. Note locations of red-cockaded woodpeckers (RCW) and gopher tortoises on attached maps. Training restrictions apply. Off road vehicle maneuvers are limited in some areas - please read attachments carefully. There must be no damage to or destruction of any pine trees in the requested areas. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s).

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 6/10/2013

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.

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EMD Number: 1316107

IJO#

Project Title: Task Force Training TFT

Noise

Conditions:

Ellis Leeder (706 545 2400), 6/10/2013

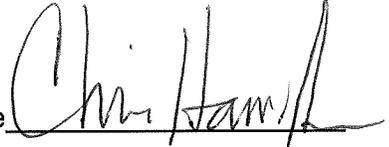
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Signature 

John E Brown

NEPA Program Manager

Date 14 JUN 2013

Signature 

Christopher E. Hamilton, PhD

EPMB Chief

Date 17 Jun 13

