

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: 12 Dec 2014
Range: GALLOWAY
Title: SQUAD LIVE FIRE TRAINING
Problem No:

LOG# 1-3-15

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: GA 0112 7766

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
See Weapons & Ammo List	Signal, Illumination, Parachute Green and White	L314/ L305/ L307/ L312	N/A
See Weapons & Ammo List	Fuse Hand Grenade, Practice Grenade Hand Smoke, simulator	G878/ G930/ G940/ G945/ G950/ G955/ K866	N/A
See Weapons & Ammo List	Simulator, Flash Artillery and Simulator Hand Grenade	L594/ L596/ L601/ L602/ G918/ G872	N/A

SECTION III, WEAPONS/AMMUNITION REQUESTED

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

SECTION IV, LIVE FIRE EXERCISES Attach the following:

SECTION V, NON-LIVE FIRE TRAINING

<input checked="" type="checkbox"/> Scenario of training to be conducted:	<input type="checkbox"/> Training area(s) to be occupied:
<input checked="" type="checkbox"/> Sketch of area:	<input type="checkbox"/> Scenario of training to be conducted:
<input checked="" type="checkbox"/> Risk Assessment:	<input type="checkbox"/> Sketch of area(s) to be occupied:
<input type="checkbox"/> Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:	<input type="checkbox"/> Risk Assessment:
Name/rank of requesting officer: CPT BROWN, ADAM , IN RANGE OIC <i>[Signature]</i>	Name/rank of Major Unit S3/Commander: MAJ KEIRSEY, JIM, IN S3 <i>[Signature]</i>

SECTION VI, FOR RANGE DIVISION USE

DATE: *17 FEB 2015*

TO: S-3 3/75 Ranger Regiment
FT. BENNING, GA 31905

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

a. Roadblocks to be closed: See Road Block Enclosure

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

c. Remarks: Laser warning signs will in place prior use.

d. This approval expires: *16 FEB 17*

Chief, Range Division
Directorate of Plans, Training, Mobilization and Security
[Signature]

Galloway Range 3-75th Squad Section Live Fire (Log # 1-3-15) Weapons/Ammo List Enclosure

Firing Positions	Weapons	Ammunition	Left Limit, Degs Grid Azimuth	Right limit, Degs Grid Azimuth
Engagement 1 (OP): Start 0076 7772 to 0069 7777 Stop 0067 7774 to 0067 7771	M4/MK16/M249/MK46/M203 M240/MK48 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer/Link, 40mm TP 7.62mm Blank/Ball/Tracer/Link Class IIIA/Class I Lasers	280	260
SBF #1 00636 77721 to 00635 77724	M240/MK48 AN/PEQ-2A Non Tactical Mode Only	7.62mm Blank/Ball/Tracer Class IIIA/Class I Lasers	250	275
Engagement 2 Start 0063 7723 to 0064 7767 Stop 0057 7766 to 0058 7768	M4/MK16/M249/MK46/M203 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer/Link, 40mm TP Class IIIA/Class I Lasers	325	345
IMD SBF #1 0061 7769 to 0062 7770	M249/MK46 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer Class IIIA/Class I Lasers	245	265
SBF #2 0052 7767 to 0052 7767	M240/MK48 AN/PEQ-2A Non Tactical Mode Only	7.62mm Blank/Ball/Tracer Class IIIA/Class I Lasers	235	295
IMD SBF #2 0049 7760 to 0049 7761	M249/MK46 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer Class IIIA/Class I Lasers	270	300
Trench Clearing Start 0042 7760 to 0041 7766	M4/MK16 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer Class IIIA/Class I Lasers	330	355
BP A-1 0039 7760 to 0039 7761	M4/MK16/M249/MK46/M203 M240/MK48 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer/Link, 40mm TP 7.62mm Blank/Ball/Tracer/Link Class IIIA/Class I Lasers	235	270

Class IIIA lasers are not eye safe on Dual Low Mode within 25 meters. In addition to the AN-PEQ-2A, some weapons may be mounted with the AN/PAC-4C. Both lasers are borelighted with the AN/PEM-1A. The PEM-1A is not a tactical laser and must be used within 25 meters. Laser warning signs will be in place.

Galloway Range, 3-75th Squad Section LFX (Log # 1-3-15) Target Enclosure

Firing Positions	Weapons	Ammunition	Targets
Engagement 1 (OP): Start 0076 7772 to 0069 7777 Stop 0067 7774 to 0067 7771	M4/MK16/M249/MK46/M203 M240/MK48 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer/Link, 40mm TP 7.62mm Blank/Ball/Tracer/Link Class IIIA/Class I Lasers	RF 3 & 4
SBF #1 00636 77721 to 00635 77724	M240/MK48 AN/PEQ-2A Non Tactical Mode Only	7.62mm Blank/Ball/Tracer Class IIIA/Class I Lasers	RF 9, RF 10 SHIFT FIRE: RF 10, RF 11, RF 12 RF 13
Engagement 2 Start 0063 7723 to 0064 7767 Stop 0057 7766 to 0058 7768	M4/MK16/M249/MK46/M203 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer/Link, 40mm TP Class IIIA/Class I Lasers	RF 7, RF 8, RF 9, RF 10
IMD SBF #1 0061 7769 to 0062 7770	M249/MK46 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer Class IIIA/Class I Lasers	RF 7, RF 8, RF 9
SBF #2 0052 7767 to 0052 7767	M240/MK48 AN/PEQ-2A Non Tactical Mode Only	7.62mm Blank/Ball/Tracer Class IIIA/Class I Lasers	SIT 8, SIT 9, MIT 2 SHIFT FIRE: MIT 2, RF 21, RF 22, RF 23
IMD SBF #2 0049 7760 to 0049 7761	M249/MK46 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer Class IIIA/Class I Lasers	SIT 8, SIT 9
Trench Clearing Start 0042 7760 to 0041 7766	M4/MK16 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer Class IIIA/Class I Lasers	ALL TRENCH TARGETS, BUNKER 3
BP A-1 0039 7760 to 0039 7761	M4/MK16/M249/MK46/M203 M240/MK48 AN/PEQ-2A Non Tactical Mode Only	5.56mm Blank/Ball/Tracer/Link, 40mm TP 7.62mm Blank/Ball/Tracer/Link Class IIIA/Class I Lasers	SIT 16, SIT 17, SIT 18, SIT 19, SIT 20



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
ALPHA COMPANY, 3^d BATTALION, 75TH RANGER REGIMENT
7927 DAWSON STREET, BUILDING 2944
FORT BENNING GEORGIA 31905-5853

AORG-TB-CA

17 FEB 15

MEMORANDUM FOR: Director, Plans, Training, Mobilization, and Security, U.S. Army Garrison, Fort Benning, GA. 31904

SUBJECT: Section Live Fire Exercise at Galloway Range, Fort Benning.

1. Purpose. This MOI provides the training concept for Alpha Company during the S Live Fire training at Galloway Range, Fort Benning.
2. References.
 - a. Army Regulation 385-63, 30 January 2012, Range Safety
 - b. DA Pamphlet 385-63, 16 April 2014, Range Safety
 - c. MCOE 350-19 (Range and Terrain Regulation), March 2013
3. General. 3/75th Ranger Regiment will execute a Section Live Fire Exercise at Galloway Range IOT prepare Squads for Platoon live fire training and combat operations. Each section will execute blank iterations of the training scenario during the day and during the night before conducting live iterations. The end state is that all sections are trained on Battle Drill 1: React to Contact, Battle Drill 5: Knock Out a Bunker, and Battle Drill 7: Enter and Clear a Trench during both day and night conditions while maneuvering fire teams as supporting elements and integrating medium machine guns for direct fire support.
4. Terminal Training Objectives: Conduct Battle Drill 1 React to Contact; Conduct Battle Drill 5, Knock Out a Bunker; Conduct Battle Drill 7, Enter and Clear a Trench
5. Execution. (See Range Sketch, Enclosure 1)
 - a. The pre staging area and ammo point will be located at GA 00754 77724. For live fire iterations, range safeties will ensure all blank firing adapters are removed from all weapons and that all blank ammunition has been returned to the ammo point. The section will then move to the Start Point vic GA 00754 77724, lock and load their weapon systems, and ensure the weapons are on safe.

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SUBJECT: Memorandum of Instruction for Squad Live Fire Exercise at Galloway Range

- b. The section will depart from the Start Point located vic GA 00754 77724 on a 270 - 275 degree azimuth. The lead element will be engaged by the pneumatic gun following approximately 150 meters of movement and Target Set 1 will rise. The lead fire team will react to contact and clear through the enemy positions. The lead fire team will engage exposed targets with all weapon systems. The Squad Leader will follow and support with the trail fire team as he deems necessary. The maneuver box for Engagement 1 Right Rear is GA 00686 77769, Left Rear is GA 00706 77718, Front Right GA 00672 77736, Front Left GA 00670 77706. The maneuver box for Engagement 1 has a right limit of **280** and a left limit of **260**.
- c. While clearing through TGT Set 1, TGT Set 3 will raise. The Squad Leader will move forward and place the M240 on the berm on TGT Set 1, establishing SBF 1. The SBF 1 position located GA 00635 77724 (right) and GA 00636 77721 (left), will have a limit of fire of **R275** and **L250**. The Squad will flank left, entering the second maneuver box (Right Rear: GA 00638 77674, Left Rear: GA 00634 77629, Right Front: GA 00583 77681, Left Front: GA 00568 77660; Right Limit: **345** Left Limit: **325**) at which point TGT Sets 2 and 4 will raise. The Squad move up, establish an intermediate support by fire (IMD SBF 1: GA 00608 77679 Right Limit: **265**, Left Limit **245**) with a M249, while a fire team clears through TGT Set 2. As the Team reaches the front of the maneuver box, TGT Set 2 and 3 will drop while SBF 1 engages TGT Set 4. Once the Bunker is cleared and secure, the Squad Leader will move his Squad to its Limit of Advance. The PL will then call the WSL up to establish SBF 2 with 2x M240s. Once SBF 2 (Right: GA 00516 77673 Left: GA 00522 77666; Right Limit: **295**, Left Limit: **235**) established, TGT Set 5 & 6 raise.
- d. The Squad flanks left into the third maneuver (Right Rear: GA 00514 77669, Left Rear: GA 00522 77541, Front Right: GA 00425 77593 Right Limit: 359 Left Limit: 216, Left Right: GA 00451 77527 Right Limit 359 Left Limit: 215) and establishes intermediate support by fire (IMD SBF 2: GA 00468 77601, Right Limit **300**, Left Limit **270**). Once IMD SBF 2 is establish with a M249, and the Squad Leader is established at Assault Position 1, he will radio to the Weapon Squad Leader to prepare to shift fire and then to conduct shift fire 1. At this time TGT Set 7 lifts. A Team moves up, TGT Set 5 drops, and the team breaches the trench with flashbangs or frag grenade simulators (utilized during both blank and live, day and night iterations). Upon detonation, the assault fire team will enter into the trench and engage targets inside the trench. Once a foothold is secured, the secondary assault fire team will then enter the trench at the breach point, move past the primary assault team, and continue to clear the trench engaging targets (VTAC/E-type on balloons for TGT feedback). The Squad does NOT cross the Y Intersection, before the Squad clears the Building, TGT Set 6 drops. Once the Building is cleared/secure, the Squad will continue its clearance to the end of the trench, at which point TGT Set 7 will drop and fires cease. **Live fragmentation**

grenades and clearing by fire will not be utilized during the duration of this live fire exercise.

- e. The Squad will clear BP A-1 in preparation for enemy counter attack. The WSL and 2x 240s will displace and establish BP A-1 (Right: GA 00386 77612, Left: GA 00389 77602, Right Limit: 270, Left Limit: 235). Once established, TGT Set 8 will raise (enemy counter attack). Once all training objectives are complete the CO will call ENDEX. The AAR will be held IVO BP A-1.
- f. Through each iteration, the PSG will be located with the Forward Line of Troops (FLOT), 1SG with IMD SBFs, and PL with the SBF. A Ranger LNO on PLT ASSLT and A Co CMD NET will be located in the tower to work with the Range Control Personnel for Targetry Operations.

6. Safety

a. Communications/Signals:

- (1) Primary means of signaling shift/cease fire will be FM communication. Alternate signals will be star cluster/ penflare/ colored smoke/ whistle.
- (2) Company OCs will be with each maneuver element to confirm receipt of shift and lift signals.
- (3) Emergency cease will be called over the Company FM NET if necessary.
- (4) Unit will maintain continuous contact with Range Operations (Alpha Base) at all times. If communications are lost the unit will check fire until communications are restored.

b. Medical:

- (1) In the event of an accident, injury or illness, the OIC/RSO will immediately call a cease fire then call 911 using the standard 9 Line MEDEVAC to determine what type of evacuation is the most appropriate for the injury (loss of life, limb or eyesight). MEDEVAC will be IAW MCoE Regulation 350-19 and MCoE 40-2. The primary LZ for air evacuation is GA 00400 77550 and will be marked by VS-17 panel during the day and a visible light Strobe Light at night. Range Operations will be notified in this event. The cease fire will remain in effect until cleared through Range Operations.
- (2) Primary means of coverage will be an on-site FLA with a special operations combat medic. A medic with aid bag will walk with each platoon during the live fire iteration. Routine and non-life threatening injuries will use the ground FLA for medevac.

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SUBJECT: Memorandum of Instruction for Squad Live Fire Exercise at Galloway Range

c. Range Safety Officer will brief and ensure compliance on the following tasks:

- (1) All Rangers are safeties. Anyone observing an unsafe act will immediately call for a cease-fire.
- (2) All weapons will be discharged downrange and within the designated limits.
- (3) All weapons will remain on safe unless actively engaging a target.
- (4) All Rangers must practice muzzle awareness and aim their weapon on a target they intend to shoot.
- (5) If the Squad does not safely complete blank fire iteration they will be retrained on the task and will fire another blank fire in order to shoot the live fire.
- (6) Rangers will not engage target lifting boxes or balloon targets after they have fallen.

d. Ammunition:

- (1) The ASP NCOIC will sign for all blank and live ammunition.
- (2) The blank and live ammunition will be in two separate field ASP's. The ASP's will be secured with concertina wire and a 24 hour guard as well as in accordance with Fort Benning Field ASP Policies.
- (3) Rangers will return all unused ammunition to the ASP at the completion of their iteration on the range to avoid mixing blank and live rounds.
- (4) Blank Firing Adapters will be used during all blank fire iterations.
- (5) 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.

7. The Point of Contact for this memorandum is CPT Adam Brown, at 545-6862.



ADAM H. BROWN
CPT, IN
Platoon Leader

DELIBERATE RISK ASSESSMENT WORKSHEET

1. MISSION/TASK DESCRIPTION GALLOWAY RANGE - SQUAD LIVE FIRE EXERCISE	2. DATE (DD/MM/YYYY) 10/27/2014
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3. PREPARED BY		
a. Name (Last, First Middle Initial) BROWN, ADAM H.	b. Rank/Grade CPT/O3	c. Duty Title/Position PLATOON LEADER
d. Unit A Co. 3/75	e. Work Email adam.h.brown@us.army.mil	f. Telephone (DSN/Commercial (Include Area Code)) 706-545-6862
g. UIC/CIN (as required)	h. Training Support/Lesson Plan or OPORD (as required)	i. Signature of Preparer

Five steps of Risk Management: (1) Identify the hazards (2) Assess the hazards (3) Develop controls & make decisions
 (4) Implement controls (5) Supervise and evaluate (Step numbers not equal to numbered items on form)

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> <input type="checkbox"/>	Live Fire Operations	Rangers Firing and Maneuvering	H	A 15-degree minimum safe distance is enforced for all small arms weapon systems IAW CG's Waiver	How: A range brief will be conducted ensuring all participants understand L and R limits Who: OIC/RSO	M
<input type="checkbox"/> <input type="checkbox"/>		Weapons Handling	M	Rangers only use weapons they are zeroed and qualified on as well as fired CQM tables before conducting LFX iterations	How: Certification training conducted prior to SLFX will be tracked by PLT leadership Who: PLT Leadership	L
<input type="checkbox"/> <input type="checkbox"/>			H	A detailed safety brief will be given to all Rangers with emphasis on weapons orientation. Safeties will monitor to ensure Rangers are with in Range Fan.	How: A range brief will be conducted to ensure all participants understand the range fan. Who: OIC/RSO/Safeties	M

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			M	Weapons will be placed on safe at all times when not engaging targets.	How: All participants will be trained to Regimental standard prior and leaders will supervise during execution. Who: OIC/RSO	L
			H	OIC/RSO or O/C will move with element conducting LFX. One will travel with SL and one with the lead/ maneuver element. PSG and Safety will be located with FLOT, ISG and Safety with IMD SBF, and WSL and PI with SBF.	How: Range will be placed in to check fire status upon observation of any unsafe act and any issues will be addressed at that time. Who: OIC/RSO	M
			M	A Range qualified OIC and RSO will operate the range IAW range control regulations.	How: OIC/RSO have been certified by Ft. Benning range safety course and have reviewed BN LFX LPD. Who: OIC/RSO	L
		Risk of Injury		A medic will be on site with a dedicated CASEVAC vehicle at all times during LFX.	How: RSO/OIC will brief MEDEVAC route, confirm equipment is present. Who: OIC/RSO	M
				Rangers will wear Opscore/ACH, plate carrier with plates, and eye, ear, and hand protection.	How: Leaders will conduct PCC/PCIs prior to executing each iteration. Who: SL/TL	M

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			H	All personnel and equipment will be accounted for after each iteration	How: Leaders will conduct accountability after each iteration and report to the OIC/RSO. Who: SL/TL	M
		Injury due to a negligent discharge	H	Rangers will wear OPS CORE/ACH, Ear Protection, Eye Protection, Gloves and Plate Carrier with Ballistic Plates while firing.	How: Leaders will conduct PCC/PCIs prior to executing each iteration. Who: PL/PSG/SL/TL	M
			M	Rangers will only use weapons they are qualified on.	How: Certification training conducted prior to the SLFX will be tracked by PLT leadership. Who: OIC/RSO	L
			M	Weapons will be placed on safe when not engaging targets.	How: All participants will be trained to Regimental standard prior and leaders will supervise during execution. Who: PL/PSG/SL/TL	L
			M	Rangers will load at the SP and lock and clear in a safe direction after BNDEX is called only when told by OIC/RSO.	How: Participants will be briefed and OIC/RSO/Leaders will enforce. Who: OIC/RSO	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			M	All weapons locked, cleared, and inspected before exiting the LFX area.	How: Participants will be briefed and OIC/RSO/Leaders will enforce. Who: SL/TL	L
			M	Rangers will be briefed to fire only at targets in their designated sector of fire, and to practice target discrimination to avoid potential ricochet.	How: A range brief will be conducted to ensure all participants understand direct fire control measures. Who: PL/PSG/SL/TL	L
		Injury due to ricochet	M	Rangers will wear OPScore/ACH, Ear Protection, Eye Protection, Gloves and Plate Carrier with Ballistic Plates while firing.	How: Leaders will conduct PCC/PCIs prior to executing each iteration. Who: PL/PSG/SL/TL	L
			M	Range will be checked for ricochet hazards before training and Rangers will be briefed on any hazards not removed. Hazards that cannot be removed will be covered with filled sandbags to mitigate risk.	How: OIC/RSO will conduct range walks with Range Control prior to execution, and cover hazards in range brief. Who: OIC/RSO	L
		Mixing of live and blank ammunition	M	OIC/RSO/Ammo NCO signs for all ammo and keeps blank and live ammo separate at the ASP.	How: OIC/RSO/Ammo NCO will inspect ASP prior to opening the range and spot checks throughout. Who: OIC/RSO/Ammo NCO	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	6. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			M	OIC/RSO will ensure ammo point is safely arranged and maintained IAW Range policies.	How: OIC/RSO/Ammo NCO will inspect ASP prior to opening the range and spot checks throughout. Who: OIC/RSO	L
			M	TL will inspect Rangers between iterations to ensure download of ammo.	How: Participants will be briefed on proper procedures and OIC/RSO/Leaders will enforce. Who: PL/PSG/SL/TL	L
		Firing Outside of the Range Fan	M	ALL RSOs/OICs receive training from Range Control on proper range operations.	How: OIC/RSO have been certified by Ft. Benning range safety course. Who: OIC/RSO	L
			M	Rangers fire only from designated firing points and firing points are briefed to platoon leadership prior during terrain walk and enforced during BFX.	How: A range brief will be conducted to ensure all participants understand direct fire control measures. Who: OIC/RSO	L
			M	Range Safeties ensure that weapons are oriented within the range fan at all times.	How: Tactical scenario will restrict maneuver/direct fire inside the maneuver box. Who: SL/TL	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> -		Vehicle Accident	M	Weather and terrain will be considered as factors to determine the route and travel speed.	How: Primary and Alternate routes will be briefed to all drivers and TCs. Who: Drivers	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	Known hazards along the route will be briefed prior to SP.	How: Primary and Alternate routes will be briefed to all drivers and TCs. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	Vehicles will not operate in blackout conditions while driving at night.	How: TCs/Leaders will supervise. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	Ground guides will be used over difficult terrain or under limited visibility if necessary.	How: Leaders/TCs/Drivers will determine if a ground guide is needed. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	Vehicle crews and passengers will rehearse rollover prior to vehicle operations.	How: TL rehearse actions in the vehicle should a vehicle rollover Who: PL/PSG/SL/TL	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> -			M	Only licensed Rangers will drive vehicles and the vehicles will be properly dispatched.	How: Certification training conducted prior to the SLPX will be tracked by PLT leadership. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	All vehicles will be properly serviced and PMCS'd before each use.	How: Drivers/TCs will conduct PMCS during dispatch. Leaders will supervise. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	Rangers will wear all protective gear required to operate their assigned vehicle.	How: Leaders will conduct PCC/PCIs prior to vehicle operation. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	During periods of limited visibility, all vehicles will be ground guided when operating around troops.	How: TCs/Drivers will know locations of troops before operating their vehicle. Who: PL/PSG/SL/TL	L
<input type="checkbox"/> + <input type="checkbox"/> -			M	TCs will be made aware of the location of any dismounts prior to moving the vehicle.	How: Ground guides will be used near troops. Who: PL/PSG/SL/TL	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -	Piring Risks	Night Firing	M	OIC/RSO or O/C will be with each maneuver element.	How: Range will be placed in to check fire status upon observation of any unsafe act. Who: OIC/RSO	L
			M	Range safeties will brief Rangers on considerations for NVG usage (lack of depth perception, limited field of view).	How: OIC/RSO will conduct a separate range brief before night iterations begin. Who: OIC/RSO	L
			M	All Rangers will have their IR lasers set to low power with blue safety blocks/screws installed to avoid eye injury.	How: Leaders will conduct PCC/PCIs prior to each night iteration. Who: PL/PSG/SL/TL	L
			M	OIC/RSO or O/C will be with each maneuver element.	How: Range will be placed in to check fire status upon observation of any unsafe act. Who: OIC/RSO	L
		Burns and fire due to pyrotechnics and effects simulators	M	Professional operators will load all devices and pyro for Range Control controlled pyro devices.	How: Designated target operators will be trained and on site throughout execution. Who: OIC/RSO	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			M	Leader TEWT prior to execution.	How: Target operators will be present during Leader TEWT. Who: OIC/RSO	L
			M	No employment if pyro devices within 5 meters of Rangers with no cover.	How: Participants will be briefed on proper procedures and OIC/RSO/Leaders will enforce. Who: OIC/RSO	L
		Loss of hearing	M	Rangers will wear approved hearing protection.	How: Leaders will conduct PCC/PCIs prior to each iteration. Who: PL/PSG/SL/TL	L
		Minor bodily injury (cut or fall)	M	Hazards on the Range will be identified and briefed to Rangers prior to beginning training.	How: Participants will be briefed prior to execution and OIC/RSO/Leaders will enforce safe execution. Who: OIC/RSO	L
			M	Rate of movement will be adjusted to match complexity of the terrain.	How: Participants will be briefed on range hazards prior to execution. Who: OIC/RSO	L

	4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			M	Rangers will be familiar with all equipment before executing training and classes will be given prior to any practical applications	How: Certification training conducted prior to the SLFX will be tracked by PLT leadership. Who: PL/PSG/SL/TL	L
		Misfires due to 40mm round malfunction	M	Qualified personnel will recover misfired rounds with goggles/faceshield, tongs, and gloves IAW DA Pam 385-63 and TB 9-1310-251-10.	How: Upon a malfunction, range will be placed in check-fire status and qualified personnel will clear malfunction. Who: OIC/RSO/EOD	L
	Environmental Risks	Weather Injuries	M	Rangers will conduct all training IAW USASOC REG 385-1 dated July 2009. Observe a proper work to rest ratio for the climate conditions.	How: Leaders will monitor their Rangers, conditions and adjust uniform appropriately. Who: PL/PSG/SL/TL	L
			M	Leaders and Ranger buddies will monitor for symptoms of weather injuries and wearing the proper dress for climate conditions.	How: Leaders will monitor their Rangers, conditions and adjust uniform appropriately. Who: PL/PSG/SL/TL	L
		Severe weather (storms, lightning, tornadoes)	M	Leaders will monitor all nets for storm warnings. Lighting/wind/weather restrictions will be enforced.	How: RSO identify dispersal areas prior the start of training, OIC constantly monitor weather. Who: OIC/RSO/PL/PSG/SL/TL	L

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
<input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> - <input type="checkbox"/> + <input type="checkbox"/> -			In case of a storm warning involving lightning, Rangers will be sent to a dispersal area away from any tall trees, structures, and metal.	How: RSO identify dispersal areas prior the start of training, OIC constantly monitor weather Who: OIC/RSO	L
	Wildlife/insect stings or bites	L	Rangers with allergies will be identified and properly marked. Rangers will receive a safety brief including wildlife procedures.	How: Range brief will be conducted and medical personnel will have proper supplies on hand. Who: PL/PSG/SL/TL	L
		L	Rangers will not handle wildlife.	How: Rangers will be instructed not to handle wildlife in the Range Brief prior to execution. Who: OIC/RSO/PL/PSG/SL/TL	L

10. OVERALL RESIDUAL RISK LEVEL (All controls implemented):

EXTREMELY HIGH
 HIGH
 MEDIUM
 LOW

11. OVERALL SUPERVISION PLAN AND RECOMMENDED COURSE OF ACTION

- OIC/RSO and Ranger Leaders oversee the safety of all participants
- A Ranger LNO with FM, Range Brick, and Cell will be in the Galloway Tower with Range Control Personnel IOT facilitate Targetry Operations
- All Ammo will be stored, separated Blank and Live, per PLT per Iterations
- Medivac Van with Medic will CASEVAC wounded Rangers to MACH
- All Rangers will receive safety brief prior to execution of range by OIC/RSO



12. APPROVAL OR DISAPPROVAL OF MISSION OR TASK
 Approve
 Disapprove

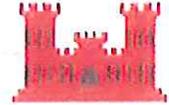
a. Name (Last, First, Middle Initial)	b. Rank/Grade	c. Duty Title/Position	d. Signature of Approval Authority
BLLIS, PATRICK J.	COL/O6	BATTALION COMMANDER	

e. Additional Guidance:

Risk Assessment Matrix		Probability (expected frequency)				
		Frequent: Continuous, regular, or Inevitable occurrences	Likely: Several or numerous occurrences	Occasional: Sporadic or Intermittent occurrences	Seldom: Infrequent occurrences	Unlikely: Possible occurrences but improbable
Severity (expected consequence)		A	B	C	D	E
Catastrophic: Mission failure, unit readiness eliminated; death, unacceptable loss or damage	I	EH	EH	H	H	M
Critical: Significantly degraded unit readiness or mission capability; severe injury, illness, loss, or damage	II	EH	H	H	M	L
Moderate: Somewhat degraded unit readiness or mission capability; minor injury, illness, loss, or damage	III	H	M	M	L	L
Negligible: Little or no impact to unit readiness or mission capability; minimal injury, loss, or damage	IV	M	L	L	L	L
Legend: EH - Extremely High Risk H - High Risk M - Medium Risk L - Low Risk						
13. RISK ASSESSMENT REVIEW (Required when assessment applies to ongoing operations or activities)						
a. Date	b. Last Name	c. Rank/Grade	d. Duty Title/Position	e. Signature of Reviewer		
14. FEEDBACK AND LESSONS LEARNED						
15. ADDITIONAL COMMENTS OR REMARKS						



RECORD OF ENVIRONMENTAL CONSIDERATION
REC



Date Submitted: 12/15/2014

EMD Number: 1434901

Project#: UNK

Project Title: Galloway Range Squad and Section Live Fire

Description of proposed action:

Section/Squad live fire executed at Galloway Range. Training will include pyrotechnics to include smoke and flash bangs and direct fire munitions of 7.62 caliber and below.

Project Location:

Galloway Range

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

150

Type Of Ammunition:

5.56 Blank/ball/tracer;

Number/Types of Trees:

None

Size of Project Area:

0

Duration of Action:

Start:12/16/2014 Stop:9/30/2015

Proponent: pkavana2 706 545 20111

Organization/Unit:

TENANT

Number/Types of Vehicles:

None

No Vehicles will be taken off road.

Types of Aviation

Other Concerns

Decision: Concur with conditions

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

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

REC APPROVED THROUGH 30 SEPTEMBER, 2015

Hazardous Materials/Waste

Conditions:

Carlos Ariasochoa (706-545-1857), 12/16/2014

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

- 1. Ensure personnel know the correct procedure for handling misfires at the range:
2. Closed containers (ammunition can marked 'MISFIRES") will be used for the collection of misfires at each firing range.
-The MISFIRE container will stay closed except to add or remove misfires.
-Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.
-Misfire containers WILL BE PLACED on the firing lanes.
3. Ensure that all containers for collection of patches and swaps are kept closed unless weapons cleaning products are being added.
4. Defective, misfired, or otherwise unserviceable munitions must be managed IAW/MCOE Reg.350-19-5-10, Para 9-2 (Proper management of Misfired munitions). All excess, munitions must be returned to the Ammunition Supply Point after the field exercise is completed.

EMD Number: 1434901 **Project#** UNK

Project Title: Galloway Range Squad and Section Live Fire

5. Any wastes generated must be evaluated for their hazardous characteristics and disposed off in accordance with all Federal (40 CFR), State (EPD 391-3-11) and Fort Benning Hazardous Waste Regulations. Materials must be stored within secondary containment or within a building/Hazmat locker out of the weather to prevent discharge to the environment in case of a spill. Appropriate precautions must be taken to prevent hazardous material spills. Adequate quantities of spill response supplies must be on hand while work is being performed. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan Chapter 14. Contain and clean up any spill according to guidance provided by the Environmental Programs Management Branch (EPMB). Drip pans must be available for all military vehicles to prevent oil and other petroleum products from spilling onto the soil. All spills of petroleum products to the ground must be immediately cleaned up and disposed of in accordance with Fort Benning policy. The EPMB provides an 8 hours course covering Hazardous Materials/Waste Management, Hazardous Waste Minimization, Safety, and Pollution Prevention. It is highly recommended that personnel conducting the event attend the training offered.

Cultural Resources - Archeological **Conditions:** Edward Howard (706-545-1898), 12/15/2014

See attached PDF maps for reference. See "Senslve Area" signs attachment for appearance of the signs. 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. Re-submittal is required if submitted project is modified in any way.

Natural Resources - RCW **Conditions:** Michael Barron (706-544-7080), 12/15/2014

There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s) to include no cutting of pines for camouflage, cover or concealment of any type. A copy of this 144R must be with the unit in the field. If any aspect of this training changes, a new 144R must be submitted along with a detailed description of the proposed changes and why they are necessary.

Approved for use according to approved range packet from Range Division. Any deviation from this approved use of the range must be coordinated with Range Division and must be approved via a new 144R submittal.

Noise **Conditions:** Ellis Leeder (706-545-2400), 12/15/2014

Training has been analyzed as part of the Installation Operational Noise Management Program (IONMP) study. Any noise complaints will be investigated and recommend mitigation actions to the appropriate personnel for the training actions. This 144r must be present at the training site when occupying compartments or any firing ranges.

CWA - Training **Conditions:** Leah Ropski (706-626-0492), 12/15/2014

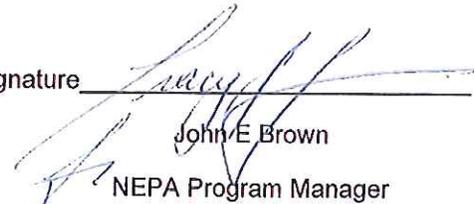
Environmental Review: Caution within training areas and motor pools should be taken to protect all nearby waterways (including perennial, intermittent streams and wetlands); as well as ground surfaces and any other sensitive areas in the vicinity of the training areas. Potential spills/releases from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

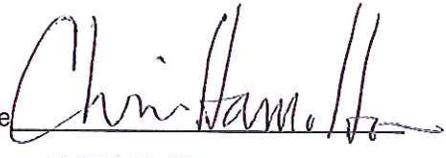
General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activlites 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.

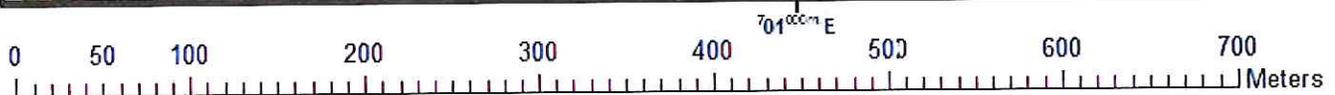
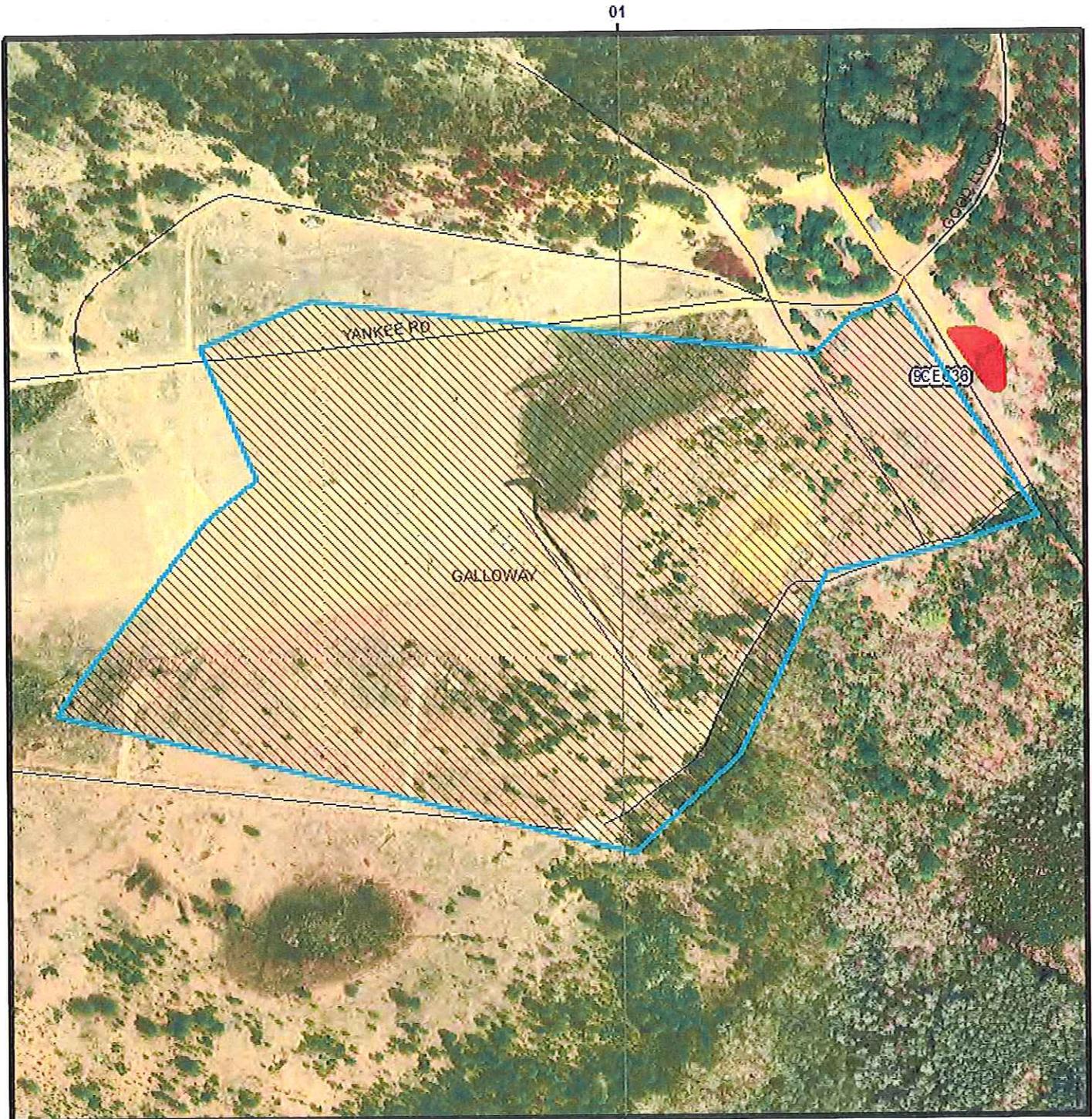
EMD Number: 1434901 **Project#** UNK

Project Title: Galloway Range Squad and Section Live Fire

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.**

Signature 
John E. Brown
NEPA Program Manager
Date 17 Dec 2014

Signature 
Patrick R. Chauvey
EPMB Chief
Date 17 Dec 14



Historic Districts

Name

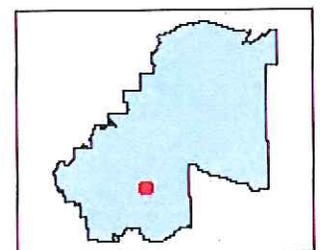
-  Lawson Army Airfield
-  Main Post
-  Parachute Jump Tower

Historic_bldgs

STATUS

-  Historic
-  Not Evaluated
-  Not Eligible
-  Not Historic
-  Demolished
-  Fgtn Cntl
-  Fgtn Cntl/FRL

-  No Vehicles or ground disturbance
- 
- 



DPW-EPMB
Cultural Resources

Galloway, 3/75th RR., Section LFX (Log# 1-3-15) Road Block List, 9 Feb 2015

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

TASK ORGANIZATION

1x Rifle Squad & 1x M240L attached, 1x WSL & 1x 240L with PLT HQ

MISSION

A Co PLT's execute Squad Live Fire Exercise from 17-19 FEB 15 at Galloway IOT train and validate A CO Squad's ability to execute knock out a bunker and enter and clear a trench.

CONCEPT

1. SQD SPs, clears TGT Set 1, lead fire team engaged by bunker and TGT Sets 3 at TGT Set 1, SL establish a SBF with 1x 240L against bunker and TGT Sets 3.
2. SBF1 is established, SQD flanks to the left, TGT Sets 2 & 4 raises. The SQD establishes an Intermediate SBF on TGT Set 2 and bunker while SBF1 shifts to TGT Set 3 & 4. Team clears through TGT Set 2, TGT Set 2 & 3 drop. SBF1 shifts to TGT Set 4, team clears bunker. Once bunker is C/S, remain TGT Set 4 drops. SQD moves to LOA.
3. PL calls WSL to establish SBF2, 2x 240Ls displace and deliberately occupy SBF2, TGT Set 5 & 6 lift. SBF2 engages TGT Set 5 & 6, SQD flanks left. SQD establishes Intermediate SBF and conducts TGT hand off for TGT Set 5. TGT Set 7 lifts, SBF2 shifts to TGT Set 5, TGT Set 7 drops, and SQD breaches the trench.
4. SQD clears N to Y-Intersection engaging targetry in trench as they move. TGT Set 6 drops, SQD holds at intersection while clearing W and clears BLDG. Once cleared, SQD clears N once SBF2 has shifted to TGT Set 7. Trench C/S, TGT Set 7 drops, SBF 2 ceases fire.
5. PL displaces WPNs to BP A-1, TGT Set 8 exposes, SQD engages, ENDEX called, AAR IVO BP A-1

ENDSTATE

Each Squad is trained and validated in it's ability execute Battle Drill 5 & 7.

KEY REFERENCES (FMs, RTCs, Policy Letters, etc.)

- FM 3-21.8
- ARTEP 7-8
- BN Policy Letter #7

PREREQUISITE TRAINING AND STANDARDS

Individual

- Ranger Qualified on Weapon System

Leader

- Support By Fire LPD
- BDS/7 LPD
- TEWT

KEY TASKS TO BE TRAINED

Individual

- Marksmanship
- Individual Movement Techniques
- Weapons familiarization/correct malfunctions
- Engage TGT's under field conditions

Collective

- Knock out a bunker
- Enter and clear a trench

Leader

- Movement techniques and formations
- Reporting
- Troop Leading Procedures

A/3/75: SLFX GALLOWAY (TW 21: 17-19 FEB)

CONCEPT

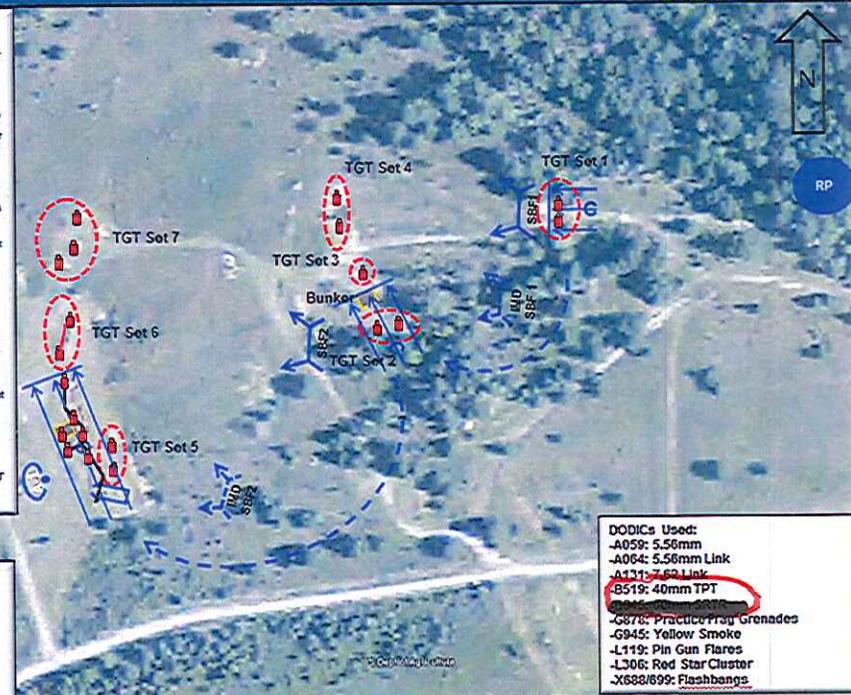
AS OF: 22 DEC 14
POC: CPT BROWN

Scheme of Manuever

1. SQD SPs, clears TGT Set 1, lead fire team engaged by bunker and TGT Sets 3 at TGT Set 1, SL establish a SBF with 1x 240L against bunker and TGT Sets 3.
2. SBF1 is established, SQD flanks to the left, TGT Sets 2 & 4 raises. The SQD establishes an Intermediate SBF on TGT Set 2 and bunker while SBF1 shifts to TGT Set 3 & 4. Team clears through TGT Set 2, TGT Set 2 & 3 drop. SBF1 shifts to TGT Set 4, team clears bunker. Once bunker is C/S, remain TGT Set 4 drops. SQD moves to LOA.
3. PL calls WSL to establish SBF2, 2x 240Ls displace and deliberately occupy SBF2, TGT Set 5 & 6 lift. SBF2 engages TGT Set 5 & 6, SQD flanks left. SQD establishes Intermediate SBF and conducts TGT hand off for TGT Set 5. TGT Set 7 lifts, SBF2 shifts to TGT Set 5, TGT Set 7 drops, and SQD breaches the trench.
4. SQD clears N to Y-Intersection engaging targetry in trench as they move. TGT Set 6 drops, SQD holds at intersection while clearing W and clears BLDG. Once cleared, SQD clears N once SBF2 has shifted to TGT Set 7. Trench C/S, TGT Set 7 drops, SBF 2 ceases fire.
5. PL displaces WPNs to BP A-1, TGT Set 8 exposes, SQD engages, ENDEX called, AAR IVO BP A-1

Legend:

- Bunker
- Trench
- EN TGT



TASKS TO PLATOONS:

Executing Platoon:

- Open/Close Range
- Provide OIC/RSO/Medic/Drivers
- Capture AAR comments throughout the iterations and pass to next PLTs

Support Platoon:

- Provide Ammo NCO and other backside support. Monitor Training Progression. Adjust to support each successive PLT.
- Provide recovery task standards and consolidate closing reports.

HQ Platoon :

- Provide Ammo/Chow/Resources to each PLT.
- Control Resource Allocation.

RESOURCES

- OIC: PL
- NCOIC: PSG
- Safeties: 2x NCOs – Support Platoon
- TRANS: Platoon Internal
- CHOW: Dinner (50 Pax)
- MEDICAL: Medic and Medvan
- COMMO: FM/Range Brick/Cell/Runner
- Targetry: VTAC/Balloons/550 Cord

Range Control Slide

Scheme of Maneuver:

1. SQD SPs, clears TGT Set 1, lead fire team engaged by bunker and TGT Sets 3 at TGT Set 1, SL establish a SBF with 1x 240L against bunker and TGT Sets 3.

2. SBF1 is established, SQD flanks to the left, TGT Sets 2 & 4 raises. The SQD establishes an Intermediate SBF on TGT Set 2 and bunker while SBF1 shifts to TGT Set 3 & 4. Team clears through TGT Set 2, TGT Set 2 & 3 drop. SBF1 shifts to TGT Set 4, team clears bunker. Once bunker is C/S, remain TGT Set 4 drops. SQD moves to LOA.

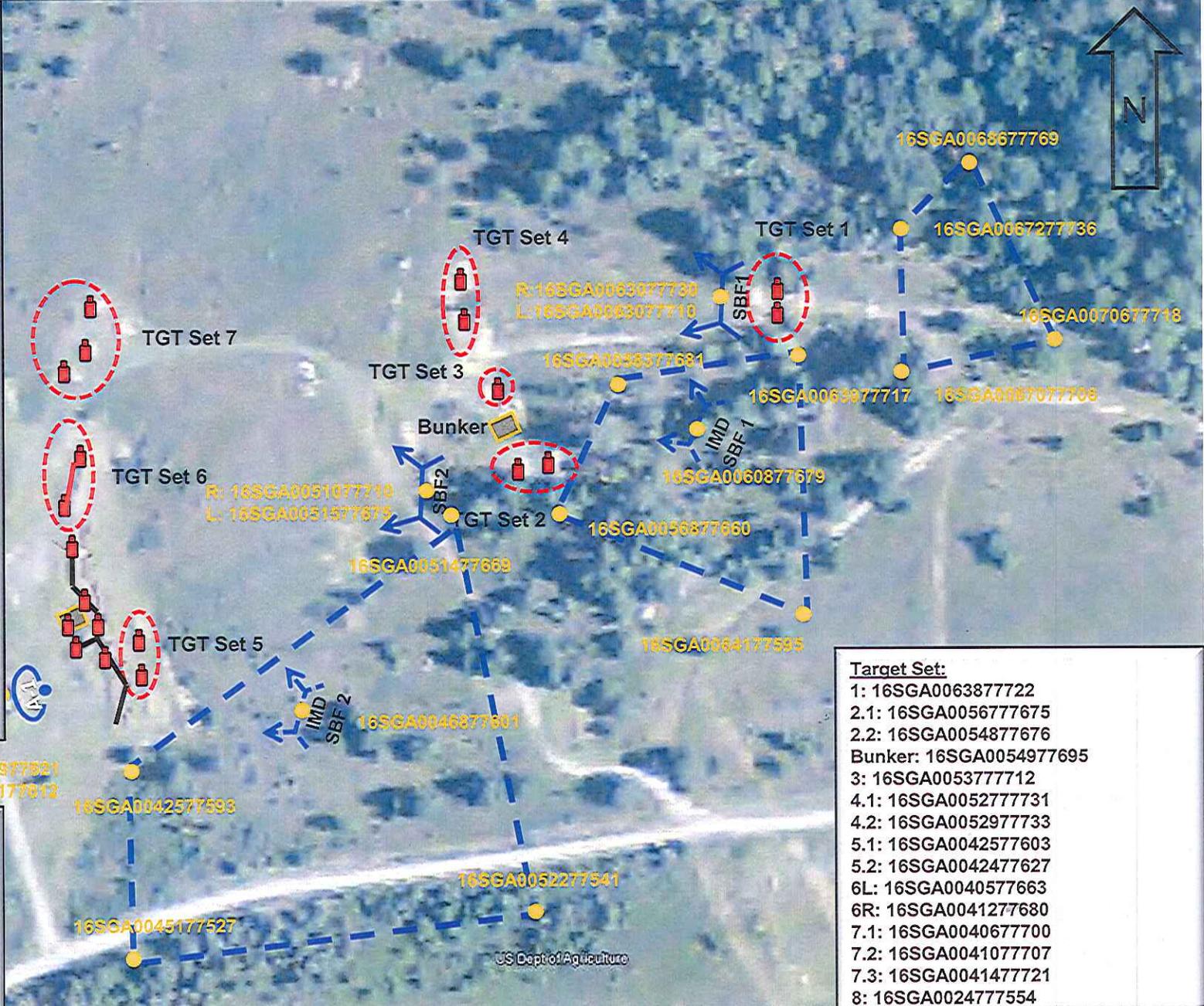
3. PL calls WSL to establish SBF2, 2x 240Ls displace and deliberately occupy SBF 2, TGT Set 5 & 6 lift. SBF2 engages TGT Set 5 & 6, SQD flanks left. SQD establishes Intermediate SBF and conducts TGT hand off for TGT Set 5. TGT Set 7 lifts, SBF2 shift to TGT Set 6 & 7, SQD engages TGT Set 5, TGT Set 5 drops, and SQD breaches the trench.

4. SQD clears N to Y-Intersection engaging targetry in trench as they move. TGT Set 6 drops, SQD holds at intersection while clearing W and clears BLDG. Once cleared, SQD clears N once SBF2 has shifted to TGT Set 7. Trench C/S, TGT Set 7 drops, SBF 2 ceases fire.

5. PL displaces WPNs to BP A-1, TGT Set 8 exposes, SQD engages, ENDEX called, AAR IVO BP A-1

Legend:

- Bunker
- Trench
- EN TGT



A Co SLFX SOM

Scheme of Maneuver:

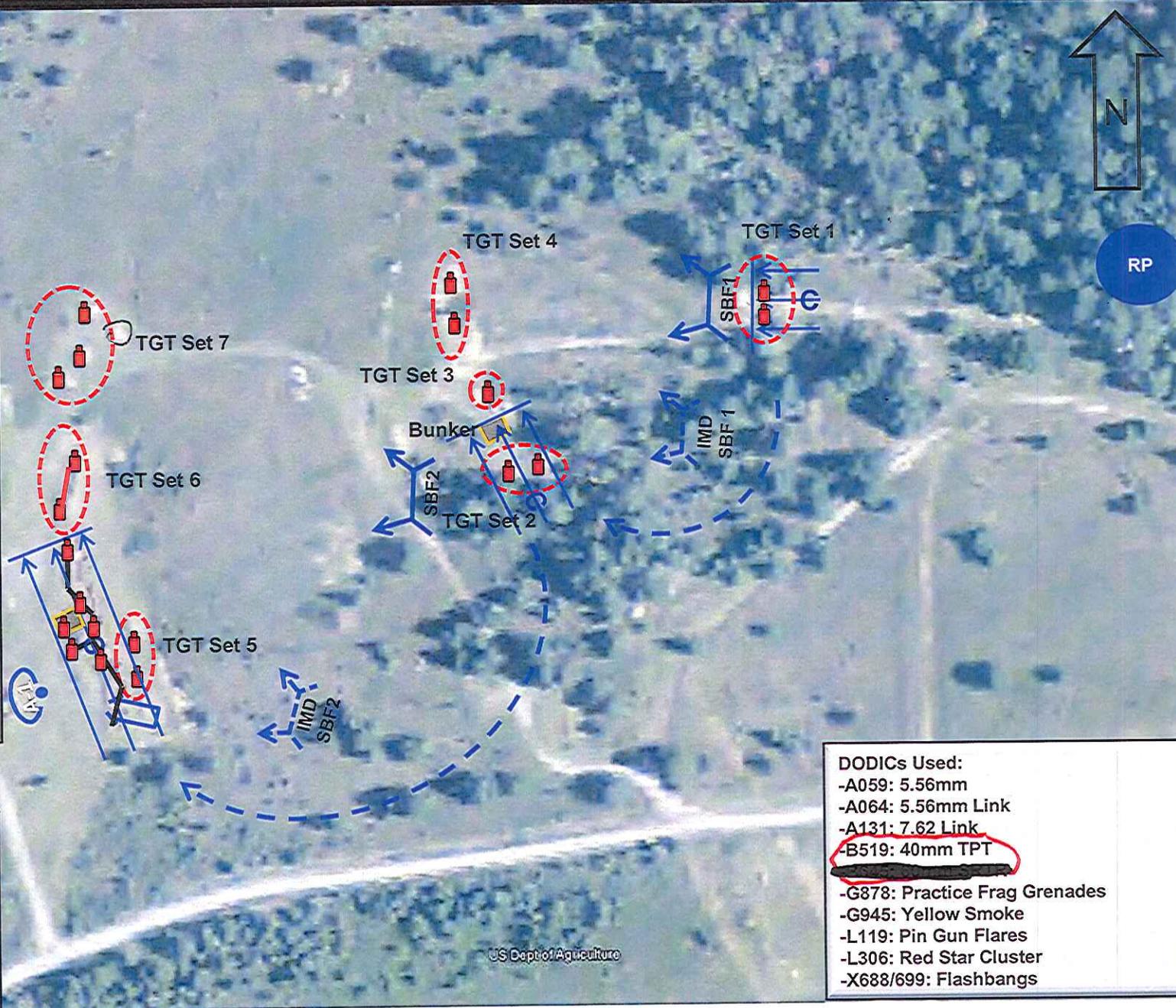
1. SQD SPs, clears TGT Set 1, lead fire team engaged by bunker and TGT Sets 3 at TGT Set 1, SL establish a SBF with 1x 240L against bunker and TGT Sets 3.

2. SBF1 is established, SQD flanks to the left, TGT Sets 2 & 4 raises. The SQD establishes an Intermediate SBF on TGT Set 2 and bunker while SBF1 shifts to TGT Set 3 & 4. Team clears through TGT Set 2, TGT Set 2 & 3 drop. SBF1 shifts to TGT Set 4, team clears bunker. Once bunker is C/S, remain TGT Set 4 drops. SQD moves to LOA.

3. PL calls WSL to establish SBF2, 2x 240Ls displace and deliberately occupy SBF 2, TGT Set 5 & 6 lift. SBF2 engages TGT Set 5 & 6, SQD flanks left. SQD establishes Intermediate SBF and conducts TGT hand off for TGT Set 5. TGT Set 7 lifts, SBF2 shift to TGT Set 6 & 7, SQD engages TGT Set 5, TGT Set 5 drops, and SQD breaches the trench.

4. SQD clears N to Y-Intersection engaging targetry in trench as they move. TGT Set 6 drops, SQD holds at intersection while clearing W and clears BLDG. Once cleared, SQD clears N once SBF2 has shifted to TGT Set 7. Trench C/S, TGT Set 7 drops, SBF 2 ceases fire.

5. PL displaces WPNs to BP A-1, TGT Set 8 exposes, SQD engages, ENDEX called, AAR IVO BP A-1



Legend:

Bunker 

Trench 

EN TGT 

DODICs Used:

- A059: 5.56mm
- A064: 5.56mm Link
- A131: 7.62 Link
- B519: 40mm TPT
- G878: Practice Frag Grenades
- G945: Yellow Smoke
- L119: Pin Gun Flares
- L306: Red Star Cluster
- X688/699: Flashbangs

