

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: 24 Feb 14 Range: Garnsey Range Title: Section LFX, Squad React to Contact Problem No:
THRU: 3/75 Ranger Regiment Ft. Benning GA 31905	FROM: S-3, 3/75 Ranger Regiment Ft. Benning GA 31905

Log# 1-6-14

SECTION I, TYPE OF TRAINING

a. Live Fire b. Non-live Fire CP/Controller Coordinates: 0186 7305

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:

Scenario of training to be conducted:

Sketch of area:

Risk Assessment:

Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:

SECTION V, NON-LIVE FIRE TRAINING

Training area(s) to be occupied:

Scenario of training to be conducted:

Sketch of area(s) to be occupied:

Risk Assessment:

Name/rank of requesting officer: *Will*
ISRAEL, WILLIAM J. 1LT, IN, Platoon Leader

Name/rank of Major Unit S3/Commander: *Stark*
HURLEY, JEREMIAH, MAJ, IN, BN S3

SECTION VI, FOR RANGE DIVISION USE

DATE: 21 March

TO: S-3, 3/75 Ranger Battalion
Ft. Benning GA 31905

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

a. Roadblocks to be closed:	A: 8, 12A, 12B, 23, 30, 31, 32, 33A, 33B, 34.
b. Road(s) to be closed/road barrier locations:	
c. Remarks:	LASER warning signs will be in place prior to use.
d. This approval expires: <i>Indef</i>	<i>Requires 15° Waiver to execute this packet. PST</i>
Chief, Range Division Directorate of Plans, Training, Mobilization and Security <i>Boyd S. [Signature]</i>	



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

ATZB-SO

20 March 2014

MEMORANDUM FOR Commander, 3/75th Ranger Regiment, Attn: 1LT William Israel,
Fort Benning, GA 31905

SUBJECT: B-3/75th Ranger Regiment Squad LFX on Garnsey Range CONOP and
RMW Safety Review

1. References.

a. B-3/75th Ranger Regiment Squad LFX on Garnsey Range CONOP (27 Feb 14)
and RMW (22 Jan 14).

b. Army Regulation 385-10, The Army Safety Program, 27 November 2014.

c. Army Regulation 385-63, Range Safety, 30 January 2012.

d. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10
December 1998.

e. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19
January 2010.

f. Department of the Army Pamphlet 385-30, Mishap Risk Management, RAR 01
February 2010.

gh. Department of the Army Pamphlet 385-63, Range Safety, 30 January 2012

i. Field Manual 5-19, Composite Risk Management, August 2006

j. MCoE Regulation 350-19, Range and Terrain Regulation, 23 July 2010

2. Document was received on 20 March 2014.

3. Concur w/comment.

a. Briefing Slides, "References" slide. "USAIC Reg 210-4" is a legacy reference and
has been replaced with MCoE Regulation 350-19.

b. Scenario, paragraph 7i, pg 3. RSO must clear all weapons and systems prior to
moving back to the start position.

ATZB-SO

SUBJECT: B-3/75th Ranger Regiment Squad LFX on Garnsey Range CONOP and RMW Safety Review

c. Scenario, paragraph 8b, pg 4. Recommend that following the establishment of the HLZ, for medical evacuation, a limited force MEDEVAC rehearsal be conducted.

d. RMW, Block 11, pgs 1-5. Recommend that you add "individual" to the supervisory matrix. The Ranger is the last opportunity to break the chain and prevent an accident, e.g. heat injuries, firing outside the range fan, negligent discharge, etc.

e. RMW, Block 8, pg 3. "Severe Weather (Storms, lightning Tornadoes)", recommend that you contact the US Air Force Weather Observers/Forecasters on Lawson Army Airfield (706-545-3824/5628) for block weather briefings or significant meteorological phenomena's.

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


JILL E. CARLSON
Director, MCOE/USAG Safety

Garnsey Range, 3/75th Section LF/Squad RTC LFX (Log# 1-6-14) Weapons/Ammo List Enclosure

Firing Positions	Weapons	Ammunition	Left Limit, Deg's Grid Azimuth	Right limit, Deg's Grid Azimuth
Objective 1 Engagement Start 0194 7335 to 0196 7336 Stop 0192 7339 to 0195 7340	M4, MK16, M249/MK46; M320	5.56mm Blank/Ball/Tracer; 40mm TP	Start 331 Stop 330	Start 349 Stop 351
Objective 1 Engagement 0194 7339	M240/MK48	7.62mm Blank/Ball/Tracer	315	328
Objective 2 Engagement 0188 7359	M3 RAAWS M4/M249/MK16, M320	RAAWS TP 7.62mm Blank/Ball/Tracer 5.56mm Blank/Ball/Tracer, 40mm TP	306 291 (Shift 291) 291 (Shift 291)	316 316 (Shift 291) 316 (Shift 291)
Objective 2 Engagement ISBF 0183 7369	M4/M249/MK16; M203	5.56mm Blank/Ball/Tracer; 40mm TP	265 (Shift 265)	293 (Shift 268)
Objective 2 Engagement Assault Start 0181 7372 to Stop 0172 7373	M4/M249/MK16	5.56mm Blank/Ball/Tracer	260	280
Positions Listed Above	Hand Grenade Practice, Smoke Grenade Pen Flare; LASERS	G878, G982 L116; PEM-1, ETC...	Same as Above	Same as Above



DEPARTMENT OF THE ARMY
COMPANY C, 3^D BATTALION, 75TH RANGER REGIMENT
FORT BENNING, GA 31905-5853



AORG-TB-CC

27 Feb 2014

MEMORANDUM OF INSTRUCTIONS FOR GARNSEY RANGE

SUBJECT: Scenario For Squad React to Contact Live Fire Exercise.

1. Purpose: To outline the scenario for the Squad Live Fire Exercise to be conducted at Garnsey Range. The information is provided IAW MCoE Regulation 350-19.

2. References.

- A. FM 3-22.68, 21 JULY 2006
- B. RTC 350-10, Oct 2008
- C. RTC 350-1, 12 Mar 1998
- D. T-C 7-9 30 SEP 1993
- E. SW370-BN-OPI-010 (M3 Operators manual)
- F. MCoE Regulation 350-19, Mar 2013

3. Training Tasks:

a. Individual Tasks:

- (1) Move as a member of a fire team.
- (2) Engage targets with an M4, M249/MK46, M320, MK48/M240, and M3 RAAWS.
- (3) Move under direct fire.
- (4) Select temporary fighting positions.
- (5) Control the use of night vision systems
- (6) Report enemy information

b. Collective Tasks:

- (1) Move tactically as a team and squad
- (2) Perform Movement to Contact
- (3) Conduct movement techniques by a team
- (4) Conduct maneuver of a squad
- (5) React to Contact
- (6) Perform consolidation and reorganization

c. Leader Tasks:

- (1) Conduct Troop Leading Procedures for an operation
- (2) Develop and communicate a plan
- (3) Perform command and control measures
- (4) Control organic fires

4. Ammunition: 5.56mm Ball (A059), 5.56mm Link/Tracer (A064), 7.62mm Link/Tracer (A131), 40mm Practice (B519), Hand Grenade Practice (G878), 5.56mm Blank (A080), 5.56mm Blank/Link (A075), 7.62mm Blank/Link (A111), 84mm TP (C386/CA10).

5. Pyrotechnics: HG Smoke (G982) and Pen Flares (L116).

6. Concept of the Operation: The squad is conducting offensive operations IVO Sunshine Road as the element is infiltrated. Upon notionally landing on the helicopter landing zone (HLZ), the squad will move in squad column formation. All squads will conduct day/night blank rehearsals on the objective prior to day/night live fire execution. The OIC and RSO will ensure all Rangers understand the range limits, sectors of fire, and direct fire control measures prior to execution. The OIC will conduct a terrain walk with all platoon leadership and with the commander present. This walk will confirm all limits and safety considerations for the range. All leadership will have a lensatic compass during the range walk (Note: Directions of fire listed on the Weapons/Ammo List enclosure are grid azimuths ---- add 4 degrees to make magnetic). Additionally, the OIC will point out visibly recognizable terrain features that will serve as range limits and locations where flanking elements require supporting elements to both shift and lift/cease fire.

7. Execution:

a. The squad will start at the AA site vicinity of the brief point, ammo point and the medics at grid (GA 0186 7305).

b. For live fires the OIC, RSO, and platoon leadership will conduct pre-fire checks to ensure all blank adapters are removed from all weapons and that all blank ammunition is collected from the Rangers.

c. Preparation: The ammunition point (ASP) will be located vicinity grid (GA 0186 7305). Rangers will move to the ammo point with soft armor, ballistic plates, MICH helmet, eye pro, gloves and full personal combat gear. Rangers will then draw ammunition at the ammunition point. The RSO and ammo NCO will monitor the ammunition draw operation. More ammunition specifics will be discussed in Para 8d. The squads will then occupy a security halt vicinity grid (GA 0197 7325) and will not depart the range road; the RSO will then inform the squad leader to lock and load all weapon systems, ensuring all weapons remain on safe. Each fire team will have a supervising NCO who will monitor / correct any unsafe actions during the entire exercise. At no time while conducting a blank or live fire iteration will the OIC be more than 15 feet away from his assigned element. The target scenario will be controlled by a member of the company designated by each respective platoon sergeant. The target operator will be located in the Garnsey Range Control Center and will be controlled using Range Brick Radios in order to ensure timing and sequence of the target transition.

d. Objective #1:

1. Initial Contact: The squad will depart the security halt on a 350 degree grid azimuth. The squad will move in column formation using a traveling movement technique for approx. 80 meters. At vicinity grid (GA 0194 7335), the lead fire team will encounter objective 1, which consists of 3 targets (target set #1). The lead fire team will immediately engage the targets within the left limit of 330 degrees and the right limit of 351 degrees. Sectors of fire will remain within the range limits and will collapse as each Ranger moves closer toward the target set. The OIC/RSO will monitor and ensure all firers are within the approved left and right limits of the range. **Target set #1** (targets 1, 2, and 3 (IVO P5-P7)) be set on 3 x hit kill and will drop at the commander's order. After suppressing at the initial contact, the squad leader will designate his machine gun team position that is attached to engage **Target set #2** (targets 4 and 5 IVO BES1 & BES2) which are located 25-50 meters to the west of target set #1 (targets 1, 2, & 3). The left and right limits for target set 2 is 315 degrees and 328 degrees (see enclosed layout for objective one engagement area). Target set 2 will only be engaged by the machine gun team and will be on a 3 hit kill and will drop at the commander's order as well. While targets 4 & 5 (Target set 2) are being suppressed the squad leader will order his trail team to flank and clear the engagement area (Bravo target zone/objective 1). Shift and lift fires will be confirmation prior to the trail team proceeding more than 150m forward of the lead fir team position along range road. The flanking element will conduct a notional clear of the engagement area and will not fire any live rounds as they clear the engagement area. When the clearance team reaches their LOA the SBF will

displace to the engagement area, objective 1, and conduct notional clear as well with no firing of live rounds as they reconsolidate and reorganize the squad.

OBJECTIVE 2: While consolidating and reorganizing after the final contact, the Squad will receive an inject that an enemy bunker has been observed IVO GA 01745 73705. The Squad Leader will then set up a deliberate Support by Fire IVO GA 0188 7359 emplacing his medium machine gun and 84mm M3 RAAWs. He will direct his 84mm M3 RAAWs to engage the bunker and the machine gun will fire on targets on the opposing ridgeline. The Left Limit for M3 RAAWs is 306 degrees, Right Limit is 316 degrees. Left Limit for M240B, M46, M4, and M320 is 291 degrees, Right Limit is 316 degrees. No personnel can begin maneuvering until M3 RAAWs shot on the bunker is complete. Furthermore, the M3 cannot engage until back blast area has been cleared, all personnel are safely outside of the SDZ, and the RSO has given the gunner permission to fire. The Platoon Leader and Weapons Squad Leader will control the support by fire and coordinate with the Squad Leader to support his maneuver. At this time, the squad leader will determine that the objective is too large to destroy by fire and will initiate movement to an intermediate SBF, moving while supported by the SBF. During this period the OIC will be located with the support by fire element and the RSO will be located with the maneuver element. The Squad Leader and both Fire Teams will maneuver east of the range road toward grid GA 0183 7369 where they will establish an intermediate support by fire.

f. MANEUVER: After establishing their intermediate support by fire (Left Limit 265 degrees; Right Limit 293 degrees) the squad leader will instruct the support by fire to shift fires left (new right limit being 291 degrees IVO GA 0168 7366) and will move to assault position IVO GA 0181 7372. Once in position the intermediate SBF will lift fire as the team assaults the bunker along a 280 degree attack heading and knocks it out with a simulated hand grenade. A target on the north side of the road will also be engaged by the assault element IVO GA 0171 7372 with a left limit of 260 degrees and a right limit of 280 degrees. He will signal the SBF to lift fire while the squad continues clearing the rest of the objective and consolidating/reorganizing with the team that was left at the intermediate SBF. The primary signal will be FM radio and the alternate will be pyrotechnics (day—smoke, night—pen flare). The squad leader will take LACE reports from his team leaders, and send out EPW, SSE, and Aid and Litter teams as necessary. He will report to his Platoon Leader IAW SOP.

i. Upon completion of all consolidation and reorganization operations, the RSO will instruct the squad leader to clear all weapons. The RSO will then inform the squad leader to move his element along the road back to the start position for the AAR.

8. Safety

a. Signals

i. Communications: Unit will maintain continuous contact with Range Division Alpha Base at all times.

If communications are lost the unit will go into a self induced check fire until communications are restored.

- (1) Primary: FM Radio via MBITR
- (2) Alternate: Day—Smoke, Night—Pen Flares
- (3) Contingency: Whistle Blast
- (4) Emergency: Runner

ii. Lasers: 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.

iii. 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 Division Alpha Base

and the using unit's higher headquarters. OIC/RSO will take action as directed by Range Division Alpha Base.

The cease fire will remain in effect until the problem is resolved and cleared through Range Division Alpha Base. 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 Operations:

- 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.

b. 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 MCoE 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Range Division Alpha Base will be notified in this event. The cease fire will remain in effect until cleared through Range Division Alpha Base.

(1) The Primary means of coverage will be an on-site FLA with 2 medics. A medic with aid bag will walk with each platoon during the live fires.

(2) Cadre will evacuate serious injuries by air or ground by calling a 9-line MEDEVAC through 911 Emergency and following through with the Range Division Alpha Base net. The primary LZ for air evacuation is grid (GA 01836 73602). The primary marking signal for air evacuation is Day—Smoke, Night—Beacon.

(3) A standard 9 Line MEDEVAC will be utilized in case of an injury. Call 911 and determine what type of evacuation is the most appropriate for the injury. MEDEVAC will be IAW MCoE Regulation 350-19 and MCoE 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. The training unit's higher headquarters and Range Operations will be notified in this event.

c. Range Safety Officer will cover the following in his safety brief to all Rangers:

- (1) All Rangers are safety officers. Anyone observing an unsafe act will immediately call cease fire.
- (2) All weapons will be fired downrange within the designated limits.
- (3) All weapons will remain on safe unless actively engaging a target.
- (4) All Rangers must practice muzzle awareness, keep their fingers out of the trigger well, and aim their weapon only at targets they intend to shoot.
- (5) A 15 degree of separation firing limit will separate the support by fire element from the assault element IAW a valid waiver.

d. Ammunition

- (1) The RSO will sign for all blank and live ammo.
- (2) The blank and live ammunition will be physically separated within the ASP.
- (3) 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.
- (4) Each Ranger will return all unused ammunition to the ASP at the completion of the iteration.

- (5) The ASP will only issue enough ammunition to each Ranger for one iteration, live or blank.
- (6) A weapon/ammunition check will be made before training to ensure no one has unauthorized ammunition in their possession.
- (7) Weapon/Ammunition Malfunctions Reports: When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Range Division Alpha Base. The weapons and all components and ammunition involved will remain in place. The cease fire will remain in effect until cleared through Range Division Alpha Base. An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL.

9. The point of contact for this memorandum is the undersigned at (706) 545-6299.

RANGERS LEAD THE WAY!



WILLIAM J. ISRAEL
1LT, IN
Platoon Leader

Enclosures

- 1. Range Scenario
- 2. Range Photo
- 3. Time Line
- 4. Risk Assessment Worksheet

SQLFX (GARNSEY) Evaluation Criteria

Movement:

Task	Engagement 1	Engagement 2	Engagement 3
Move as a Member of a Fire Team (Individual)			
Conduct Tactical Movement (Collective)			
Control Movement of a Fire Team (Leader)			
Notes:			

Maneuver/ Assault:

Task	Engagement 1	Engagement 2	Engagement 3
React to Contact (Visual, Direct Fire) (Collective)			
Return fire immediately on contact (Individual)			
Engage Targets with an M249/MK46 Machine Gun (Individual)			
Engage Targets with an M4/MK16/MK17 (Individual)			
Engage Targets with an M320 Grenade Launcher (Individual)			
Move under Direct Fire using individual movement techniques (Individual)			
Select Temporary Fighting Positions using adequate cover and concealment (Individual)			
Rangers report Description, Distance, and Direction of contact (Individual)			
Fire team gets on line establishing a base of fire (Collective)			
Control Organic Fires using fire commands (Leader)			
Leader ensures conditions are set prior to assault (Leader)			
Control Movement of a Fire Team (Leader)			
Rangers engage targets with controlled pair while moving through the OBJ (Individual)			

Send a Situation Report: SITREP (Leader)			
PL/WSL/SL SBF Coordination (Leader)			
Select Bunker and Destroy w/84mm (Collective)			
Fire 84mm with Accuracy (Individual)			
Identify and Traverse TGTs with M240 (Collective)			
Notes:			

Post Assault:

Task	Engagement 1	Engagement 2	Engagement 3
Conduct Consolidation and Reorganization (Collective)			
Reload new magazine and prepare for counter attack (Individual)			
Assign sectors of fire and send LACE report (Leader)			
Trail fire team moves to take lead for movement (Collective)			
Perform EPW search (Individual/Collective)			
Perform Aid and Litter responsibilities (Individual/Collective)			
Send a Situation Report: SITREP (Leader)			

B/3/75: SECTION LIVE FIRE EXERCISE (TW26 25-28 MAR)

TASK ORG

DATE/ PLATOON	OOM	TIMELINE
25 MAR/ 1B	MB11, MB12, MB13	0900 – 2300
26 MAR/ 2B	MB21, MB22, MB23	0900 - 2300
27 MAR/ 3B	MB31, MB32, MB33	0900 - 2300

MISSION

B Co PLTs execute section live fire exercise from 25-28 MAR 2014 at Garnsey Range IOT train and validate B Co squad's ability to execute react to contact and squad attack.

CONCEPT

1. Squads cross line of departure using appropriate movement formation
2. Lead element reacts to contact and establishes hasty base of fire with MG team while team in trail conducts bold flanking maneuver and clears engagement 1
3. During reconsolidation ISR inject reports enemy to north. Squad establishes hasty base of fire and engages bunker with M3 and MG team
4. Squad establishes intermediate SBF
5. Squad clears engagement 2 and reconsolidates and reorganizes. This will conclude maneuver section LFX lane.

ENDSTATE

Each squad is trained and validated in it's ability to execute react to contact and squad attack.

RESOURCES

OIC: PL
 NCOIC: PSG
 TRANS: PLT internal
 AMMO: Refer to CONOP

CHOW: CO internal
 MEDICAL: Medic w/ FLA
 COMMO: FM/ Cell
 TARGETRY: lifters

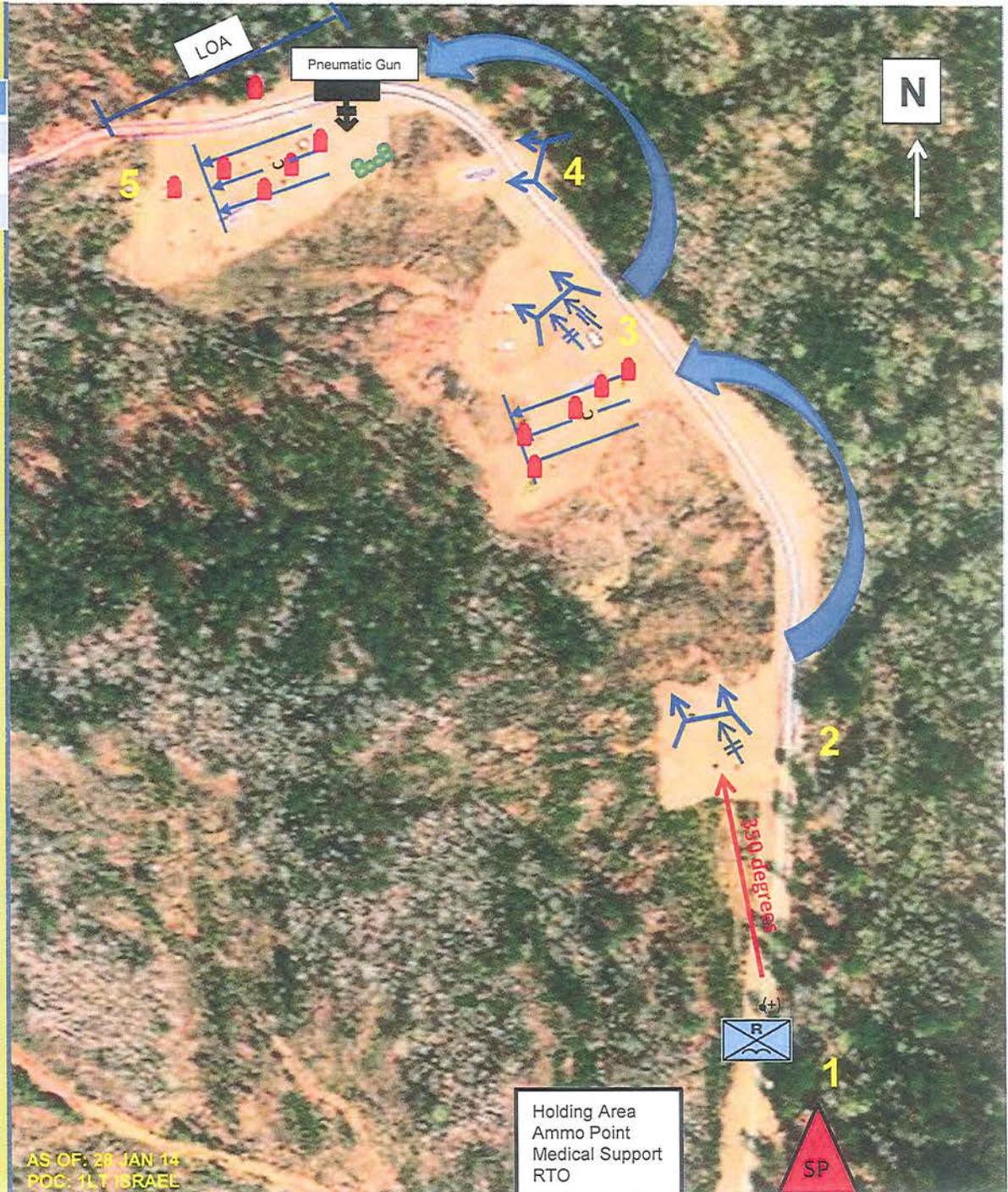
KEY REFERENCES

FM 3-21.8, FM 3-22.9, FM 3-22.68, RTC 350-10 (MARKSMANSHIP), RTC 350-1-2 (SMALL UNIT DRILLS), RTC 350-6 (TACSOP) BN POLICY LETTER #7

KEY TASKS TO BE TRAINED

Individual: marksmanship, IMT, employ and maintain weapon system, engage targets under stress

Leader: react to contact, movement techniques, fire and maneuver, fire commands, TLPs, radio communications



Garnsey Range 3/75
Section LF/SQD RTC LFX

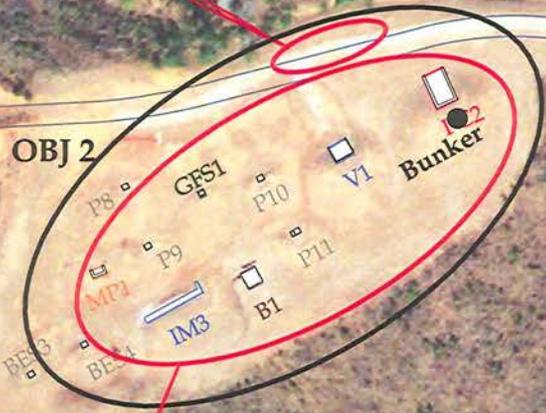


150m Forward
of Lead Fire Team

Range Road



Target Set 4



Assault Start

IM2

ISBF

Target Set 3

OBJ 2
SBF



IM1
P7
P6
P5

Range Road

Garnsey Range 3/75
Section LF/SQD RTC LFX

BES1
BES2
Target Set 2

RANGE LIMITS/ AMMO

- 350 degree direction of march
- Engagement 1, A zone:
 - 5.56mm RL: 357 deg, LL: 333 deg
 - 7.62mm RL: 328 deg, LL: 317 deg
- Engagement 2, B zone:
 - M3 RAAWS RL: 318 deg, LL: 308 deg
 - 7.62mm RL: 318 deg, LL: 289 deg
 - Shift fire 1: 289 deg
- ISBF C zone:
 - RL: 293 deg, LL: 278 deg
- ASLT C zone:
 - RL: 305 deg, LL: 265 deg
- Ammo:
 - 5.56mm Ball: 750rds per iteration (24 mags)
 - 5.56mm Link: 800rds per iteration (200 per MK46)
 - 7.62mm Link: 900rds per iteration
 - 5.56mm Blank: 360rds per iteration (12 mags)
 - 5.56mm B Link: 400rds per iteration (100 per MK46)
 - 7.62mm B Link: 200rds per iteration
 - 40mm TP: 22rds per iteration (4 per M320)

Garnsey 3/75 Section LF, Squad RTC Log #1-6-14 Roadblock List, 17 March 14

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

COMPOSITE RISK MANAGEMENT WORKSHEET

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

1. MSN/TASK SECTION LIVE FIRE- GARNSEY RANGE	2a. DTG BEGIN 25 0800 MAR 14	2b. DTG END 28 1200 MAR 15	3. DATE PREPARED (YYYYMMDD) 20140122
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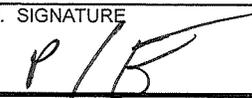
4. PREPARED BY		
a. LAST NAME ISRAEL, WILLIAM	b. RANK 1LT	c. POSITION PLATOON LEADER

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?
SURFACE DANGER ZONES AND WEAPONS HANDLING	Ricochet	M	Targets will be positioned so that ricochets will be unlikely to occur off of concrete target positions. Sandbags will be placed on sides of exposed concrete. Will wear OPSCORE,	L	PCC/PCIs; Sand Bag Placement during range build. Range Safety Brief; Range Walk prior to live iterations	OIC/RSO, PL, PSG, SL, TL, Safeties	
		M	Ear Protection, Eye Protection, Body Armor, and Gloves. Rangers will cease fire if aircraft enter the immediate airspace. Rangers will be briefed to fire only at targets in their lane, and to	L			
		M	practice tartet discrimination to avoid potential ricochet. Ricochet hazards will be identified and marked; if possible the hazard will be removed. OC's will be positioned with the SBF,	L			
	Firing Outside of Range Fan	M	Intermediate SBF, ASSLT Elements and verify all SDZ limits and shifts/lifts. Rangers will only fire within approved maneuver boxes and from designated targets approved by Range Control.	L	Range Safety Brief; Safeties monitor all Rangers during training; Only pre-approved targets within SDZs will be	OIC/RSO, PL, PSG, SL, Safeties	
		M	Safeties will monitor weapon orientation to ensure it is within range fan at all times. Range Fan will be clearly marked. Rangers will receive a brief on left, right, and vertical limits	L	engaged.		
		M	and day/night markers. Targerty is placed and operated to minimize risk of firing outside of range fan.	L			

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

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

LOW
 MODERATE
 HIGH
 EXTREMELY HIGH

14. RISK DECISION AUTHORITY			
a. LAST NAME ELLIS, PATRICK J.	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 EFFECTIVE?
			Rangers will conduct all training IAW USASOC REG 385-1 dated April 2000 and observe a proper work to rest ratio for the climate conditions. Leaders and Rangers will				
			monitor for heat symptoms. Leaders will ensure that Rangers wear the proper uniform for the climate conditions.				
	Hearing Loss	M	Rangers will wear hearing protection. Additional hearing protection will be available on the range.	L	Peltors will be worn during all training; Medics will provide additional hearing protection. TL/SQD PCC/PCIs	PL, PSG, SL, TL, MEDICS	
	Severe Weather (Storm, Lightning, Tornadoes)	M	Leaders will monitor the Range Control Net for storm warnings. In a case of a storm warning involving lightning, Rangers will be sent to a pre-designated dispersal area away from any	L	OIC monitors Range Control Net and weather; Pre-designated reconsildation area identified by RSO	OIC/RSO	
			dangerous structures. Radios will be turned off. Rangers will move away from the ASP. If nessecary units will move off of the range to a safe location.				
	Wildlife/Insect Sting/Reptile Bite	M	Safety brief will address avoidance of wildlife. The OIC/RSO will check the lane daily for any wildlife. Medics on site will admister first aid to any Rangers that are bit or stung. Any Rangers	L	Range Safety Brief; Range Walk prior to conducting training; Medic available; All Rangers with allergies id'd.	PL, PSG, SL, TL, MEDIC	
			with allergies will be pre-identified by their CoC and carry the appropriate medical devices, i.e. epi-pens.				
	Minor Bodily Injury (cut or fall)	M	Pre-inspection of site before training and removal of obvious hazards. All Rangers will be briefed on existings hazards. Rangers will wear the correct PPE.	L	Range Walk prior to live iterations; Wearing and inspection of proper uniform, individual Ranger awareness	PL, PSG, SL, TL, Safeties	
	Blank Firing Adapter Injury	M	Blank Adapters will be used only on blank fire iterations. The proper blank adapter for each weapon system will be used as stated in the pertaining SOPs and TMs. Once blank fires	L	RSO, SL, and TL inspection of blank adapter prior to each iteration	RSO, SL, TL	
			are complete leaders will inspect to ensure no blank adapters remain on weapons.				

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?
	M3 RAAWs 84mm Back Blast	M	All personnel wear body armor, OPScore, gloves, and eye protection on the range. Back Blast area will be visually cleared by RSO or OIC who will be at the support by fire line.	L	OIC/RSO at SBF will clear back blast area and ensure all personnel are outside of the SDZ prior to giving gunner	OIC/RSO, PL, PSG, SL, TL, AG, Safeties	
			Back Blast radius is 90 degrees by 60 meters behind the M3 RAAWs. M3 RAAWs will be on the left side of the Support by fire line. Remainder of the squad will be located in a safe		permission to fire.		
			area adjacent to the Gus Gunner 30 meters to the right of the squad at 50 degrees.				
	Blast Overpressure	M	Assistant Gunners will AG no more than 6 x 84mm shots in a 24 hour period from the standing position with TP rounds (IAW RTC 350-10). A rotation of M3 Teams will be	L	OIC/RSO at SBF will monitor round expenditure and record which Rangers have fired the M3 by round	OIC/RSO, TL, AG	
			established to ensure no fires or assistant gunners fire more than 6 rounds.		count.		
ACCOUNT-ABILITY	Loss of Personnel or SI	M	SLs will maintain accountability of all SI within their Squads and ensure all tie downs are IAW with the Regimental SOPs. Each unit leader will report the status of Personnel and SI to the	L	Inspection of all tie downs and SI prior to occupying Range; RSO gains accountability	PL, PSG, RSO, SL, TL	
			RSO following each iteration. SLs will also report status to the PL/PSG/OIC/RSO.				
AMMUNITION STORAGE	Mixing of Live and Blank Ammunition	M	The OIC/RSO will ensure the ammo point is safely arranged and maintained IAW FBGA Range policies with fire extinguishers. All ammo will be checked to ensure no mixing of	L	Inspection of the ammo point; Ammo NCO will be designated to run the ASP and will inspect serviceability	PL, PSG, SL, TL, AMMO NCO	
			live and blank ammunition. The OIC/RSO will sign for all ammunition and keep blank, live, and expended ammunition in sperate locations in the ASP. All Rangers will inspect their ammunition		of all ammo and ensure no mixing or blank and live ammo happens. Blank and Live ammo will be kept		
			between iterations to ensure the download and proper use of ammunition. Rangers will be briefed not to pick up excess magazines that fall on the ground during training.		separate at all times; Rangers will inspect their ammo and BFA prior to firing		



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 11/15/2013

EMD Number: 1332207 Project#: Unknown Project Title: Squad Live Fire Exercise

Description of proposed action:

Units will conduct a blank and live fire exercise at a squad level. Units will bound flank and engage targets using both blank and live ammunition. Pyrotechniques will be used.

Project Location: Amount, Description, Location of Disturbance/Digging:

Brann, Griswold, Garnsey, Galloway, DMPCRC, K36 none

Number of Personnel: Type of Ammunition: Number/Types of Trees:

None 5.56, 7.62, 40mmTP/HE, m67, Pyro live & Blank none

Size of Project Area: N/A Duration of Action: Start: 11/29/2013 Stop: 9/30/2014

Proponent: justin.albaugh 706-545-7716 Organization/Unit: 3rd Ranger Battalion

Number/Types of Vehicles:
4x Strykers, 4 x HMMV's, 2x Bus

DECISION: Concur with conditions

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

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

REC APPROVED THROUGH 30 SEPTEMBER, 2014

THIS ACTION REQUIRES APPROVAL OF RANGE OPS OFFICER FOR USE OF "HE" ROUNDS

Natural Resources RCW - BRAC Conditions: Jonathan Neufeldt (706 544 7705), 11/25/2013

See attachment Training Restrictions 1996. See comments from Michael Barron. Keep HE impacts in K15 impact area.

Cultural Resources - Archeological Conditions: Edward Howard (706 545 1898), 11/19/2013

See attached PDF maps for reference. See "Sensitive 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. Resubmittal is required if submitted project is modified in any way.

EMD Number: 1332207

IJO# Unknown

Project Title: Squad Live Fire Exercise

Natural Resources - RCW

Conditions:

Michael Barron (706 544 7080), 11/18/2013

See attached conditions. Note locations of red-cockaded woodpeckers on attached maps. Training restrictions apply. 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). Units may fire on existing ranges but must make every effort to contain their firing to the established range footprints. Targets may not be moved from their current positions nor may new targets be established without approval via a separate 144R and a site visit with this office. Please note that flanking maneuvers are limited on Griswold Range; minor flanking may occur from west to northeast in pre-approved areas where there are natural backstops. If any bullet damage is noted in the RCW clusters that are on either side of the range, training will be halted until a workable solution can be found. Live fire is limited in the K36 training area to the northeast corner, commonly referred to as the Ranger Objective and from Concord OP. No other live fire is permitted in this compartment, especially in the RCW clusters.

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 11/19/2013

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.

General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained -- REACT to minimize spill damages. Submit a spill report to the EPMB Spill Program Manager (use Spill Response Report attached). All spills reaching navigable water must be reported immediately. The unit is responsible for the final cleanup of any spill during this exercise. Coordination with this office is required for clearance of the site.

Noise

Conditions:

Ellis Leeder (706 545 2400), 11/18/2013

This is training operations request for training. If there is any operational noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding noise abatement areas. Please follow good smoke management practices not allowing smoke or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved CS gas sites. Please visit the Range Operations website to obtain a list of approved weapons per Range or Firing Points. . Leave the training areas, firing range, latrines in a clean condition; contact Range Operations if unclean conditions are found or clean up costs or cleaning endeavors by proponent could occur to last user. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19, range guidance and other materials for your range packet. This 144r must be present at the training site when occupying compartment or ranges.

EMD Number: 1332207

IJO# Unknown

Project Title: Squad Live Fire Exercise

Hazardous Materials/Waste

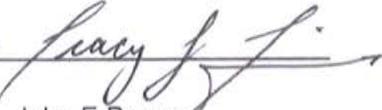
Conditions:

Carlos Ariasochoa (706 545 1857), 11/18/2013

Any wastes generated must be evaluated for their hazardous characteristics and disposed of in accordance with all Federal, State and Fort Benning Hazardous Waste Regulations. 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. Contain and clean up any spill according to guidance provided by the Environmental Programs Management Branch. 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. Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area. 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.

EPMB provides an 8 hours course covering Hazardous Materials/Waste Management, Hazardous Waste Minimization, Safety, and Pollution Prevention.

Signature



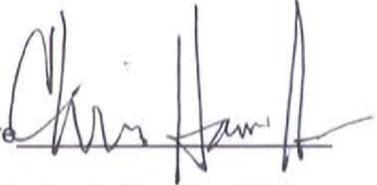
for John E Brown

NEPA Program Manager

Date

25 Nov 2013

Signature

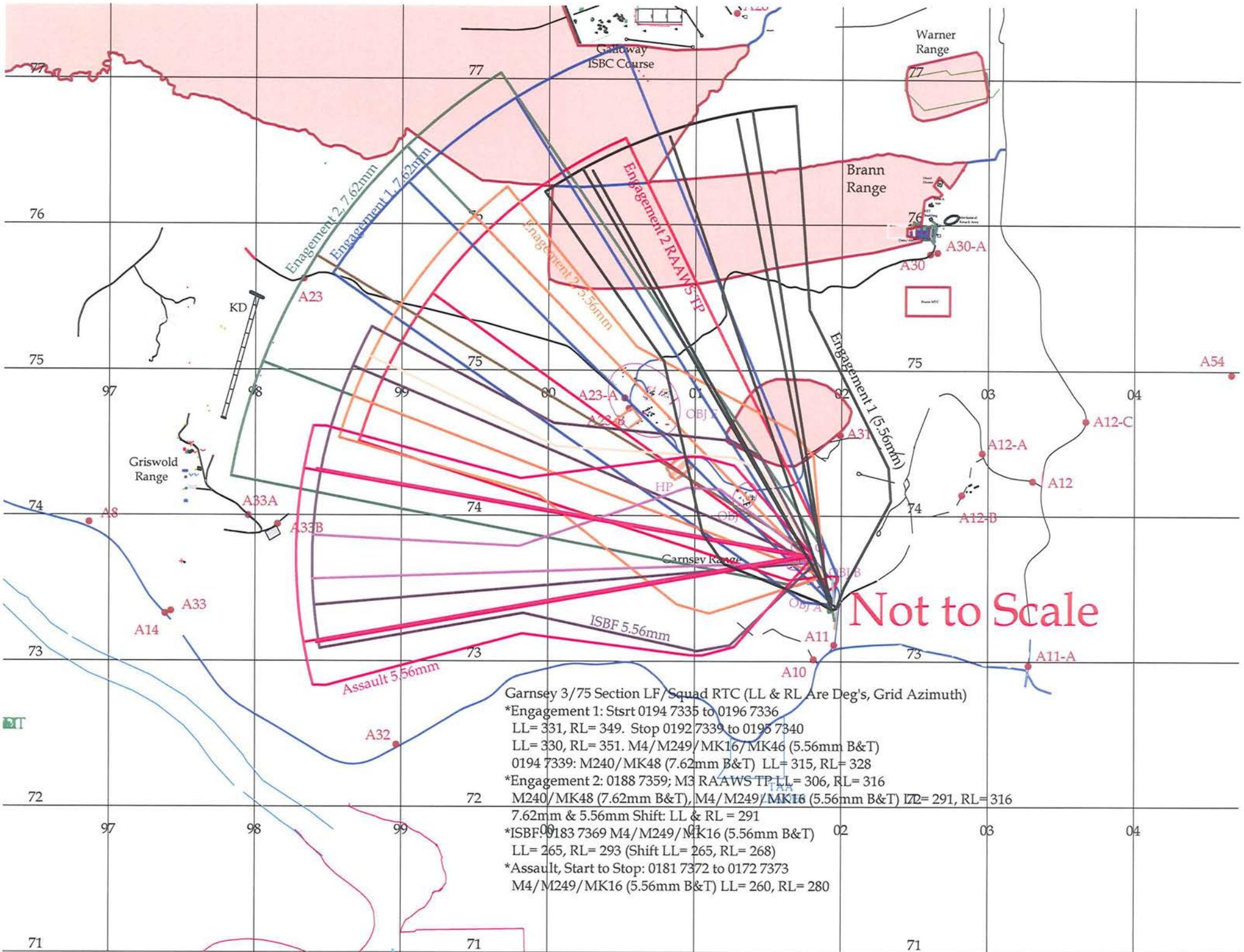


Christopher E. Hamilton, PhD

EPMB Chief

Date

25 Nov 13



Not to Scale

Garnsey 3/75 Section LF/Squad RTC (LL & RL Are Deg's, Grid Azimuth)
 *Engagement 1: Strt 0194 7335 to 0196 7336
 LL= 331, RL= 349. Stop 0192 7339 to 0195 7340
 LL= 330, RL= 351. M4/M249/MK16/MK46 (5.56mm B&T)
 0194 7339: M240/MK48 (7.62mm B&T) LL= 315, RL= 328
 *Engagement 2: 0188 7359; M3 RAAWS TP, LL= 306, RL= 316
 M240/MK48 (7.62mm B&T), M4/M249/MK16 (5.56mm B&T) LL= 291, RL= 316
 7.62mm & 5.56mm Shift: LL & RL = 291
 *ISBF: 0183 7369 M4/M249/MK16 (5.56mm B&T)
 LL= 265, RL= 293 (Shift LL= 265, RL= 268)
 *Assault, Start to Stop: 0181 7372 to 0172 7373
 M4/M249/MK16 (5.56mm B&T) LL= 260, RL= 280