

FIRING/NONFIRING DATA

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

Log #2-2-14

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

Date: 10 Feb 2014
Range: K36 (Ranger Objective)
Title: Squad Live Fire, Day/Night
Problem No:

THRU: S3, 3/75 Ranger Battalion

FROM: 3/75 Ranger Battalion
Fort Benning, GA. 31905

SECTION I, TYPE OF TRAINING

a. Live Fire b. Non-live Fire CP/Controller Coordinates: GA 172 901

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

| Coordinates | Type | Model/DODAC | Size of Charges |
|-----------------------------|-----------------------------|-----------------------------|-----------------|
| See Weapon & Ammo Enclosure | See Weapon & Ammo Enclosure | See Weapon & Ammo Enclosure | N/A |
| | | | |
| | | | |
| | | | |

SECTION III, WEAPONS/AMMUNITION REQUESTED

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

SECTION IV, LIVE FIRE EXERCISES Attach the following:

SECTION V, NON-LIVE FIRE TRAINING

| | |
|---|----------------------------------|
| <input checked="" type="checkbox"/> Scenario of training to be conducted: | Training area(s) to be occupied: |
| <input checked="" type="checkbox"/> Sketch of area: | |
| <input checked="" type="checkbox"/> Risk Assessment: | |
| <input type="checkbox"/> Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired: | |
| <input type="checkbox"/> Scenario of training to be conducted: | |
| <input type="checkbox"/> Sketch of area(s) to be occupied: | |
| <input type="checkbox"/> Risk Assessment: | |

Name/rank of requesting officer:
ILT Michael Vint, IC PL
[Signature]

Name/rank of Major Unit S3/Commander:
MAJ Jim Keirse, S3
[Signature]

SECTION VI, FOR RANGE DIVISION USE

DATE: 24 March 2014

TO: S3, 3/75 Ranger Battalion
Fort Benning, GA.

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

a. Roadblocks to be closed: K: 2, 28, 29, 30, 32, 38, 39, 41, 42.
b. Road(s) to be closed/road barrier locations:
c. Remarks:
d. This approval expires: **Indef** Requires 15° Waiver to execute this packet. **BST**

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

K36, 3/75 Ranger Battalion Squad Live Fire (Log #02-02-14) Weapons, Ammo List Enclosure (March 21, 2014)

| Firing Positions | Weapons | Ammunition | Left Limit, Deg's Grid Azimuth | Right limit, Deg's Grid Azimuth |
|---|--|---|---|---|
| SBF: 1676 9024 to 1682 9026 | M240/MK48, M203/M320 M4/M16/MK16 M249/MK46 | 7.62mm Blank/Ball/Tracer, 40mm TP 5.56mm Blank/Ball/Tracer 5.56mm Blank/Ball/Tracer | 322 (Shift 346) 322 (Shift 346) 322 (Shift 346) | 010 (Shift 038) 010 (Shift 038) 010 (Shift 038) |
| Assault, Start to Stop: 1672 9031 to 1674 9034 | M4/M16/MK16 M249/MK46 M203/M320 | 5.56mm Blank/Ball/Tracer 5.56mm Blank/Ball/Tracer 40mm TP | Start 345, Stop 315 Start 345, Stop 315 Start 345, Stop 315 | Start 040, Stop 058 Start 040, Stop 058 Start 040, Stop 058 |
| Building 92: 1674 9034 | M4/M16/MK16 M249/MK46 | 5.56mm Blank/Ball/Tracer 5.56mm Blank/Ball/Tracer | 310 310 | 058 058 |
| LOA (Behind BLD 92) | M4/M16/MK16 M249/MK46 | 5.56mm Blank/Ball/Tracer 5.56mm Blank/Ball/Tracer | 355 355 | 045 045 |
| All Firing Positions Above | Pryotechnics | Smoke Grenade: G982, G940, G955 Star Clusters, Flashbang G881 HG Simulator G878 | N/A | N/A |



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

ATZB-SO

04 February 2014

MEMORANDUM FOR Commander, C/3/75th Ranger Regiment, Attn: 1LT Mike Vint,
Fort Benning, GA 31905

SUBJECT: C/3/75th Ranger Regiment Squad LFX on K36 Ranger Objective CONOP
and RMW Safety Review

1. References.

a. C/3/75th Ranger Regiment Squad LFX on K36 Ranger Objective CONOP and
RMW, 07 february 2014.

b. Army Regulation 385-10, The Army Safety Program, 23 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 12 February 2014.

3. Concur w/comment.

a. Scenario. Recommend that you identify and mark the HLZ for evacuation of
patients. A TEWT type rehearsal is strongly recommended for air and ground
movement of injured Ranger(s) prior to the conduct of any training.

ATZB-SO

SUBJECT: C/3/75th Ranger Regiment Squad LFX on K36 Ranger Objective CONOP and RMW Safety Review

b. RMW, Block 11, pg 1. "Fratricide due to fire and maneuver", recommend that you add "individual" to the matrix. The Ranger behind the weapon, pulling that trigger is the last line of defense when preventing fratricide. Postive target identification is mandatory.

c. RMW, Blocks 7 & 9, pg 2. "Injury due to negligent discharge", recommend that the Initial and Residual Risks be elevated to "HIGH" and "MODERATE". The injection of high velocity (+2700 fps) copper and lead ingots are designed to be fatal in nature.

d. RMW, Block 11, pg 2. "Injury due to negligent discharge", recommend that you add "individual" to the matrix. The Ranger behind the weapon, pulling that trigger is the last line of defense when preventing a negligent discharge. Finger goes in to the trigger guard when the target is positively identified.

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


JILL E. CARLSON
Director, MCOE/USAG Safety



DEPARTMENT OF THE ARMY
COMPANY C, 3D BATTALION, 75TH RANGER REGIMENT
P.O. BOX 55853
FORT BENNING, GEORGIA 31905-5853

REPLY TO
ATTENTION OF

AORG-TB-CC

07 FEB 2014

MEMORANDUM FOR Chief, Range Operations, Fort Benning, GA, 31905.

SUBJECT: Memorandum for Instruction for Squad LFX training at K36 Range.

1. References.

- A. FM 7-8
- B. RTC 350-1
- C. TC 7-9 Infantry Live Fire Training, 30 September 1993
- D. ARTEP 7-8 MTP, 29 September 1994
- E. RCO Policy Letter #7 (Live Fire Exercises)
- F. BC Policy Letter #7 (Conduct of a Maneuver Exercise)

1. General. Platoons will train selected blank and live fire tasks on K36 Range. Squads will validate all tasks with blanks before progressing to live ammunition in both day and night conditions. Every Ranger will be qualified on their assigned weapon prior to LFX.

2. Scenario. During a TST raid, the squad is tasked with squirter interdiction. The squad has previously entered grid coordinates related to the TI into a GPS corresponding to NAIs in the Targeted Individual's pattern of life. When given the FRAGO the squad will pursue the squirter which ISR confirms matches TI's description and has gone static in building 92. ISR reports multiple enemy combatants IVO building 92 and building 91 appears to be an animal stable, no activity observed.

3. Specific.

A. **Terminal Training Objective(s) / Desired End state:** Improve the squad's ability to conduct a deliberate squad attack, and the squad leaders' ability to control fires with appropriate control and distribution Comm.

ands. Desired end state is:

- 1.) Squads are a "T" in conducting a deliberate squad attack.
- 2.) Squad Leaders are able to effectively control rates and distributions of fire against multiple targets.
- 3.) Squad and team leaders implement direct fire control measures.

B. **Tasks to be Trained:**

1.) Individual:

- | | |
|--|--------------|
| a) Move as a member of a team | 071-312-4027 |
| b) Engage targets with a M4 | 071-311-2007 |
| c) Engage targets with a M320 | 071-311-2130 |
| d) Engage targets with a M249 | 071-010-0006 |
| e) Move under direct fire | 071-326-0502 |
| f) Select temporary fighting positions | 071-326-0513 |
| g) Control use of night vision devices | 071-710-0004 |
| h) Report enemy information | 071-326-0513 |

SUBJECT: Memorandum for Instruction for Squad LFX training at K36 Range, FBGA.

2.) Collective:

- | | |
|------------------------------------|--------------|
| a) Control organic fires | 071-410-0019 |
| b) Control movement of a fire team | 071-326-5605 |
| c) Use visual signaling techniques | 071-326-0600 |

C. **Condition:** Given a Ranger squad, appropriate equipment, K36 Range during daylight and darkness, and existing weather conditions, the squad is halted or moving. The squad leader will initiate the engagement utilizing his support by fire position to suppress the enemy and cover his movement.

D. **Standards:**

1. The squad leader conducts a deliberate reconnaissance of the target.
2. The squad locates and engages the enemy with well-aimed fire and causes enemy casualties.
3. The SBF team leader can point out enemy positions and assign sectors of fire.
4. The squad leader establishes support by fire and conducts Battle Drill 1A.

E. **Assets Available / Task Organization:** 9 Squads will be trained.

F. **Concept of the Operation (By Phase): PHASE 1 Preparation:** 1ST PLT will move to K36 Range to conduct range set-up. 1st PLT emplaces the static and pop-up targets. The temporary target will be removed at the completion of training. **PHASE 2 Execution:** The range will be opened and Rangers will receive a range orientation and safety brief from the OIC and RSO. The Platoon Leader will give the Squad Leader a tactical scenario. The mission is: Platoons from 3/75 Ranger Regiment conducts squirter interdiction for OBJ COPPER (GA 1674 9034) IOT deny enemy freedom of movement. The Squad is tasked to move on a 322 degree azimuth in a squad column, fire team wedge to interdict a squirter who ISR reports has gone static in building 92. Each member of the squad will draw ammunition at the ASP, located vic (GA 1721 9013). They will then move, weapons unloaded, to the Start point (SP) located vic (GA 1690 9014) where they will set up a security halt. The squad will be directed to lock and load their weapons at this time. The team leaders and safety will ensure that all weapons are on safe. **The PL informs the squad leader through PLT NET, ISR observed 1 x MAM matching T/I physical description departed the target compound (TC) possibly armed, traveled N, and is now static in building 92.**

The squad will move on a 310 degree azimuth to PL Patriots as the lead element crests hill (GA 1681 9022) they will make visual contact with target set 1 and 90 series. The squad leader will move forward and conduct a deliberate leaders reconnaissance of the OBJ. The squad leader gets eyes on the target and recommends sending the MG forward. Squad leader conducts a face to face with WPNS squad leader and trail team leader in which he gives clear and concise guidance and receives feedback from WPNS squad leader before moving to flank with the assaulting element. The squad leader will need to emplace his support by fire (SBF) and consult WPNS squad leader on the MG Team emplacement IVO GA 1679 9025. He will then execute a bold flanking maneuver utilizing the terrain, and cover and concealment in the inter visibility line to the West.

Engagement 1 SBF (target set 1) Enclosure: Scenario Sketches

The squad leader gives deliberate command to SBF to begin suppressing the Objective at a 345 degree azimuth (if the movements are not tactical by either SBF or assaulting element, target controller can be directed at any time to initiate contact with the pneumatic gun by lane OIC) TL at the in the SBF will be forced to utilize tactically sound direct fire control measures to suppress the enemy and support the movement of the flanking element. MG Team will support movement with gun on tripod and suppress target set 1 on the East side of building 92 with a 322 degree left limit from the most Eastern position in the support by fire and 010 degrees from the most Western position in the SBF. **At no time will any fires from the SBF will be oriented West of building 92 (see engagement 1 in the Scenario Sketches enclosure).** Target set 1 will consist of 4 targets that will be set to continue popping up until the SBF has been directed to shift. The weapons systems on the SBF line will be firing 5.56, 5.56 link, 7.62 link and 40mm TP throughout the scenario

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Engagement 2 SBF (target set 1 then 2) Assault (target set 3) Enclosure: Scenario Sketches

SL will maneuver flanking element to assault position. As the Squad moves through the IV line to set in at the last covered and concealed position (GA 16720 90300) they will encounter 1x balloon target in the IV line (GA 1672 9031) which they will engage at 010 degrees before setting the assault. Assault element will obscure their approach while the SL communicates with the SBF and MG team to safely shift fires from target set 1 to target set 2. Primary and alternate shift fire signals will be utilized for confirmation. SL will confirm shift fire and directs assault to suppress target set 3 on the west side of the building 92 with a 345 degree left limit and 040 degree right limit. The assaulting element will be firing 5.56 ball, 5.56 mix link, and utilizing smoke grenades. After the squad destroys target set 3 they move obscured from the last covered and concealed position (GA 1672 9031) and move at a 020 - 040 degree heading to secure the breach on the West side of the compound. The Assault will enter and clear building 92 destroying the balloon target in the N corner of the structure with a 310 degree left limit and 058 degree right limit. The assaulting element will be directed to clear building 92 from South to North by the RSO and lane safeties. Simultaneously to the shift fire confirmation target set 2 will come up and the SBF element will begin to engage. The SBF team leader and WPNS squad leader will be forced to shift organic weapon systems and M240L IOT engage target set 2 and support the assaulting element with a 346 degree left limit and a 038 degree right limit. The SBF position will continue to engage target set two until the end of the scenario.

Engagement 3 SBF (target set 2) Assault (target set 4) Enclosure: Scenario Sketches

Once the building is secure target set 4 will be initiated (consisting of 2 targets located north of building 92). The assaulting element will engage target set 4 (which will pop up initially then once more before staying down permanently forcing the team to engage each target twice) from their LOA with a 355 degree left limit and a 045 degree right limit. **Risk mitigation-target set 4 will not be visible from the SBF position.** Once target set 4 is destroyed the SL begins to consolidate and reorganize. After cease fire is confirmed the exercise is complete and weapons confirmed cleared the squad will move to the SBF position to AAR the lane.

PHASE 3: All squads have validated the lane with blank ammunition. **PHASE 4:** Once all squads have run through the scenario with a blank fire, they will conduct a live fire. **PHASE 5/6:** The squads will again run through the scenario at night with blanks and then will conduct a live Fire. Night fire scenario will be the same as day.

G. Leader Focus: Squad Leaders will focus on the ability of their Rangers to quickly and accurately engage the enemy, enter and clear a building, and operate as a member of a squad. Squad Leaders will focus on the Team Leader's control of the rates and distributions of fire, his designation of sectors, and his control of the team throughout the contact.

5. **Communications Plan.** FM manned at all times on Range Division Alpha Base Freq. Each leader (TL and above) carries MBITR. Individual rangers carry team radios for communication during contact and for consolidation, reorganization and lift/shift fire confirmation. PLTs will be responsible for target control and ensure a method of contact with targetry to fix any issues. 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.
6. **Safety Plan.** IAW 350-1-2, the principles of safe weapons handling will be followed at all times on the range, during both blank and live fires. Rangers must be aware of their buddies' positions in relation to their own while assaulting enemy positions. Any movements left, right, or rear and potentially into another Ranger's line of fire must be clearly communicated and understood before executed. MSD of 15 degrees will be maintained at all times IAW current existing post waivers and policy letters.

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7. Road Guards

Roadblocks will be IAW roadblock enclosure.

8. Signals

i. Communications: The 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—Flaming Rock, 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. A Range Safety Brief will include the hazards using lasers and NVDs. LASER warning signs will be in place prior to their use.

iii. Incident: When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately 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 Control:

- a. Designation of unit
- b. Range and Location
- c. Type of Weapon Involved
- d. Type of Ammunition Involved
- e. Brief summary of what happened.
- f. Personnel injuries and extent
- g. Full Name, SS#, rank and unit of injured personnel
- h. Extent of property damage
- i. Intentions regarding an AR 15-6 investigation

9. Medical

(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 the Range Control net. The primary LZ for air evacuation is grid (GA 16815 90225). The primary making signal for air evacuation is Day—Smoke, Night—IR Beacon.

(3) 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. The using unit's higher headquarters and Range Division Alpha Base will be notified in this event. The cease fire will remain in effect until cleared through Range Division Alpha Base

10. Additional Information

A. 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

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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 and aim their weapon only at targets they intend to shoot.

B. Ammunition

- (1) The RSO will sign for all blank and live ammo. The ammo point NCO will control the issue and retrieval of all ammunition
- (2) The blank and live ammunition will be marked 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/blank.
- (6) A weapon/ammunition check will be made before training to ensure no one has unauthorized ammunition in their possession.

C. Weapons/Ammunition Malfunction 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.

D. Signals

Primary means of signaling shift/cease fire will be FM communication. Alternate signal will be colored smoke/star cluster/VS-17. Company Leadership will be with each element to confirm receipt of signals by tactical radios. Emergency cease fire signal will be RED SMOKE/ Air-horn held by the SBF and Assault element's evaluators. All signals will be included in the initial safety briefing.

E. Rehearsals

The "Crawl-Walk-Run" method of training will be the standard for all LFX. A detailed leader's TEWT will outline all range fans, restrictions, and safety considerations. Day/night dry-blank fire exercises will be conducted prior to getting clearance to participate in any live fire exercise (LFX). The day phase will be completed prior to the night phase. The dry-fire, blank-fire exercise and the live fire exercise will have dedicated observer/controller teams.

11. Issues. None.

12. POC for this action is 1LT Vint at (706)-545-3934



MICHAEL E. VINT
1LT, IN
Platoon Leader

Enclosures

1. 350-19-1-E-R
2. Scenario Sketches
3. Timeline

AORG-TB-CC

07 FEB 2014

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4. Risk Management Worksheet



C/3/75
Squad LFX
K36 Ranger Objective

POC: 1LT VINT

25 MAR 2014 – 27 MAR 2014



Range Brief



OIC/RSO: C CO PLs & PSGs

Objective:

C Co conducts a squad attack SLFX during TW 26 at K36 Range IOT train Rangers on deliberate squad attack, enter and clear a room, and the C2 of an attached machine gun.

Endstate:

All C Co. Ranger Squads are a "T" in deliberate squad attack, enter and clear a room, and the C2 of attached machine gun under day and night conditions.

Range Scheme Of Maneuver:

- Ranger will Lock and load at Start Point
- Ranger SQD will move in SQD Column, Fire Team Wedge. SP (GA 1690 9014) at a 310 degree azimuth (Lane approximately 270m in length)
- Decision Point - Lead element crests hill (GA 1681 9022) makes visual contact with targets and 90 series
- SL moves forward and conducts a deliberate leaders reconnaissance. SL gets eyes on the target and recommends sending MG forward. SL conducts a face to face with WPNS SL and trail team leader in which he gives clear and concise guidance and receives feed back from WPNS SL before moving to flank with the assaulting element.
- SL will need to emplace his intermediate support by fire and consult WPNS SL on the MG Team emplacement IVO GA 1676 9027
- SL will then execute a bold flanking maneuver utilizing the terrain, and cover and concealment in the inter visibility line to the West

Engagement 1- SBF (target set 1)

- **TRIGGER 1 ***** SL gives deliberate command to SBF to begin suppressing the Objective at a 345 degree azimuth (if the movements are not tactical by either SBF or assaulting element, target controller can be directed at any time to initiate contact with the pneumatic gun by lane OIC) TL at supporting position will be forced to utilize tactically sound direct fire control measures to suppress the enemy and support the movement of the flanking element. MG Team will support movement with gun on tripod and suppress target set 1 at the 90 series.

Engagement 2- SBF (target set 1 then 2) Assault (target set 3)

- SL will maneuver flanking element to assault position. As the Squad moves through the IV line to set in at the last covered and concealed position they will encounter 1x balloon target in the IV line (GA 16720 90310) which they will engage before setting the assault. Assault element will obscure their approach while the SL communicates with the supporting team and MG team to safely shift fires from the 90 series. Primary and alternate shift fire signals will be utilized for confirmation.
- **TRIGGER 2**** SL will confirm shift fire as the assault suppresses the near side of the 90 Series (target set 3) with a 315 degree LL and 058 degree RL. The squad destroys target set 3 then begins their movement from the last covered and concealed position (GA 1672 9030) moving at a 020 - 040 degree heading to secure the breach on the West side of the compound. The Assault will enter and clear building 92 destroying the balloon target in the N corner of the structure. The assaulting element will be directed to clear building 92 from South to North by the RSO and lane safeties.
- Simultaneously to the shift fire confirmation target set 2 will come up and the SBF element will begin to engage. The SBF team leader and WPNS SL will be forced to shift organic weapon systems and M240L IOT engage target set 2 and support the assaulting element. The SBF position will continue to engage target set two until the end of the scenario.

Engagement 3- SBF (target set 2) Assault (target set 4)

- **TRIGGER 3**** Once the building is secure target set 4 will be initiated (consisting of 2 targets on the North side of the OBJ). The assaulting element will engage target set 4 (which will pop up initially then once more before staying down permanently forcing the team to engage each target twice) from their LOA. Risk mitigation- target set 4 will not be visible from the SBF position. Once target set 4 is destroyed and the SL begins to consolidate and reorganize the exercise is complete.

Preparatory Training Conducted:

- Zero/Qualification
- Squad Level Rehearsals
- TMLFX in TW 25
- MG Range in TW 25

Control Measures:

PSG, PL, Company Commander/1SG = OCs

Squads will conduct blank fire and be certified prior to live iterations

Range Geometry:

- 3x Engagements
- 4x Target Sets

Tactical Scenario:

During a TST raid, the squad is tasked with squirter interdiction. The squad has previously entered grid coordinates related to the TI into a GPS corresponding to NAls in the Targeted Individual's pattern of life. When given the FRAGO the squad will pursue the squirter which ISR confirms has gone static in building 92. ISR reports multiple enemy combatants IVO building 92 and building 91 appears to be an animal stable, no activity observed.

Feedback Mechanism: Targets will bob and drop for marksmanship feedback. White T-Shirts on Targets for more accurate feedback.

CONCEPT

TERMINAL LEARNING OBJECTIVE / ENDSTATE

➤ Every Ranger Squad will train on the execution of Squad Attack. Squad Leaders will demonstrate the ability to apply control to the fire and movement of their element. Squad Leaders will also develop the situational analysis and reporting of their subordinates. The purpose of the training is for every Ranger to achieve a "T" rating on the Terminal Learning Objectives.

1. SLs effectively control movement and fire distribution of their squad
2. TL's practice and implement direct fire control measures
3. MG teams effectively employ 240L and shift fires to cover a maneuvering element
4. SL effectively suppresses, obscures, and secures the 90 series IOT assault/secure the objective

COLLECTIVE TASKS TRAINED

- Maneuver of a squad
- Squad movement techniques
- Control Organic Fires
- Conduct leaders reconnaissance
- Enter and clear a room
- Conduct a Deliberate Attack
- Conduct Troop Leading Procedures for an Operation

INDIVIDUAL TASKS TRAINED

- Marksmanship
- Individual Movement Techniques
- Move under direct fire
- Move as a member of a squad and fire team

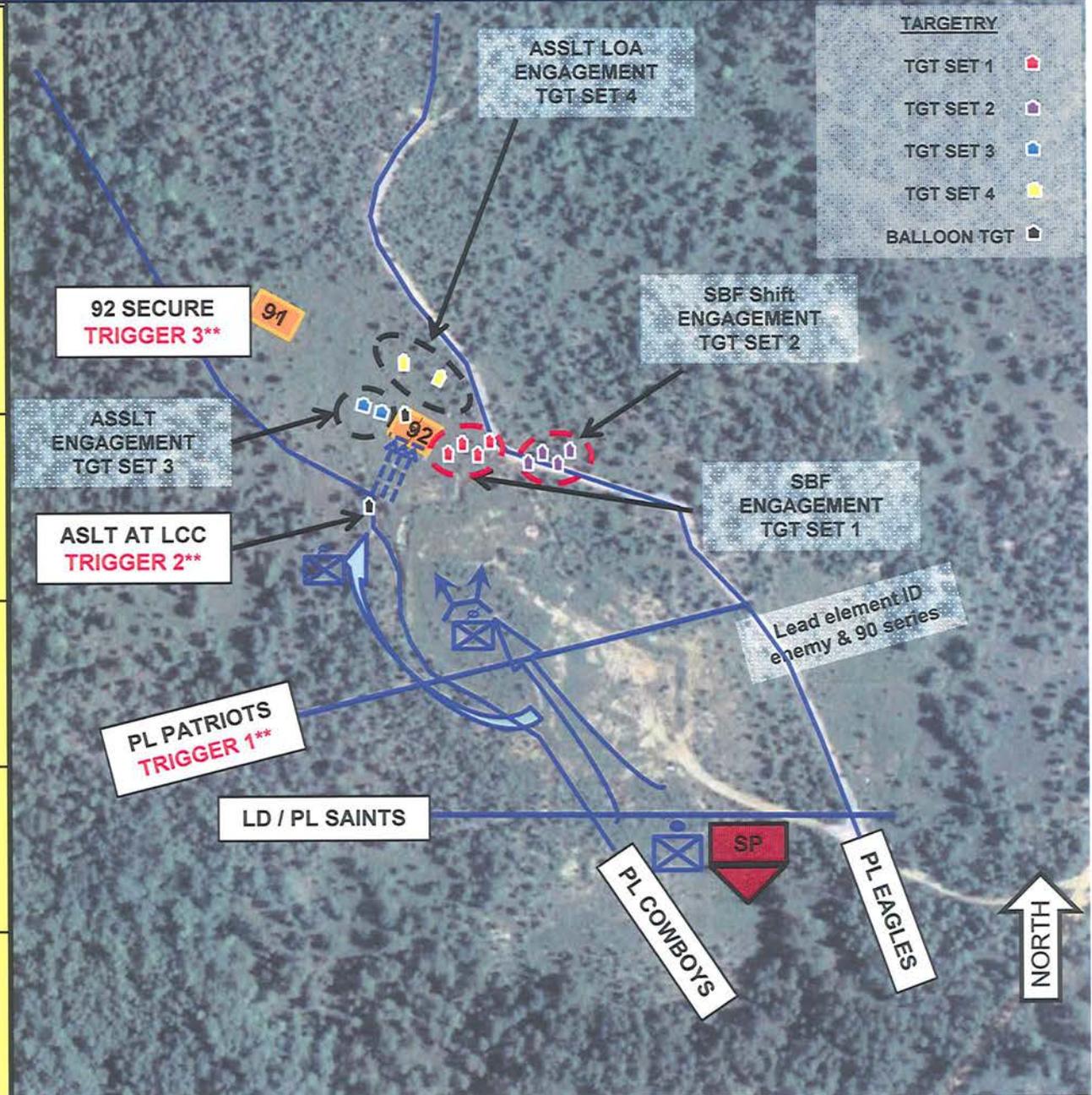
LEADER TASKS TRAINED

- Conduct reconnaissance
- Select an over watch position
- Report enemy information
- Fire Commands
- Employ 240L

CONCURRENT TRAINING

Concurrent Training by Priority:

1. Squad Retraining
2. RFR
3. EPW Search



CONCEPT

CONCEPT**Phase 1: Planning/ Preparation**

- SL will be briefed on enemy SITEMP for SFLX
 - ISR reports squirter static BLDG 92 and multiple armed pax moving in and out of the structure. BLDG 91 appears to be an animal stable no movement observed.

Phase 2: Execution

Start Point- 16S GA 1690 9014

- Lock and load location (Start Point)
- Ranger SQD will move in SQD Column, Fire Team Wedge. SP at a 310 degree azimuth (Lane approximately 270m in length)
- SL will conduct a deliberate reconnaissance of the target compound before giving clear and concise direction to his supporting elements

Engagement 1- SBF (TGT set 1)

- **TRIGGER 1**** Once the SL has emplaced his SBF GA 1679 9025 and begins his flanking maneuver the SBF begins engaging target set 1

Engagement 2- SBF (TGT set 1, 2) ASLT (TGT set 3)

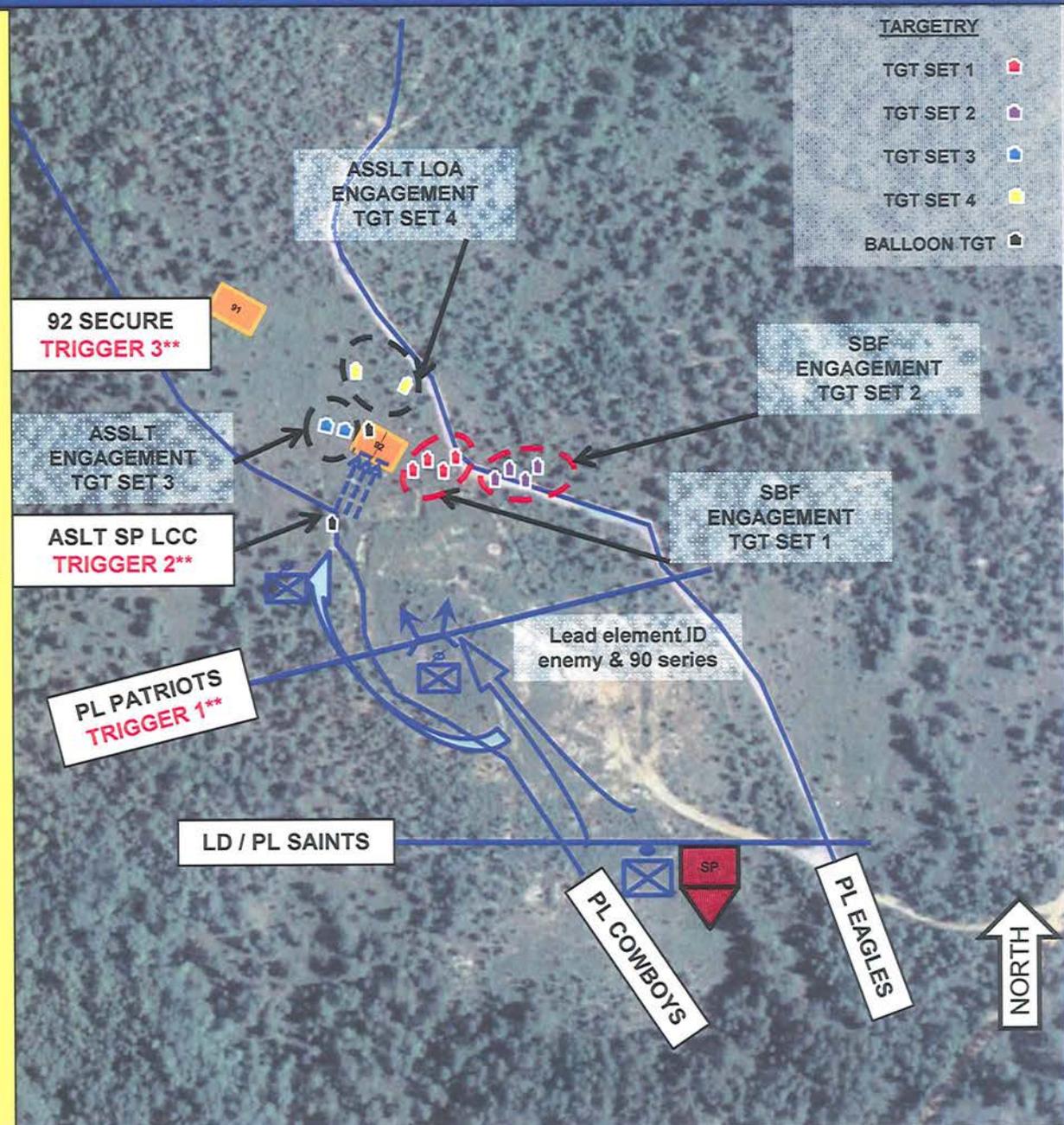
- Lead Team will encounter 1x balloon target as they move to the last covered and concealed position which they will destroy
- ASLT obscures the target
- **TRIGGER 2**** SL calls for and confirms shift fire, ASLT suppresses BLDG 92 destroying (TGT set 3) 2x targets and then SP last covered and concealed position with a 021 degree direction of travel while SBF continues to engage TGT set 2
- ASLT will secure the white side of BLDG 92 and then enter and clear destroying a balloon target in the N corner of BLDG 92

Engagement 3- SBF (TGT set 2) ASLT (TGT set 4)

- **TRIGGER 3**** BLDG 92 secure triggers TGT set 4 (two targets off the black side of BLDG 92)
- Once TGT set 4 is destroyed and the SL begins to consolidate and reorganize the exercise is complete
- Call lock and clear. SQD members orient barrels down range as they clear. Leaders inspect to ensure all weapons are clear

Phase 3: AAR/ Retraining

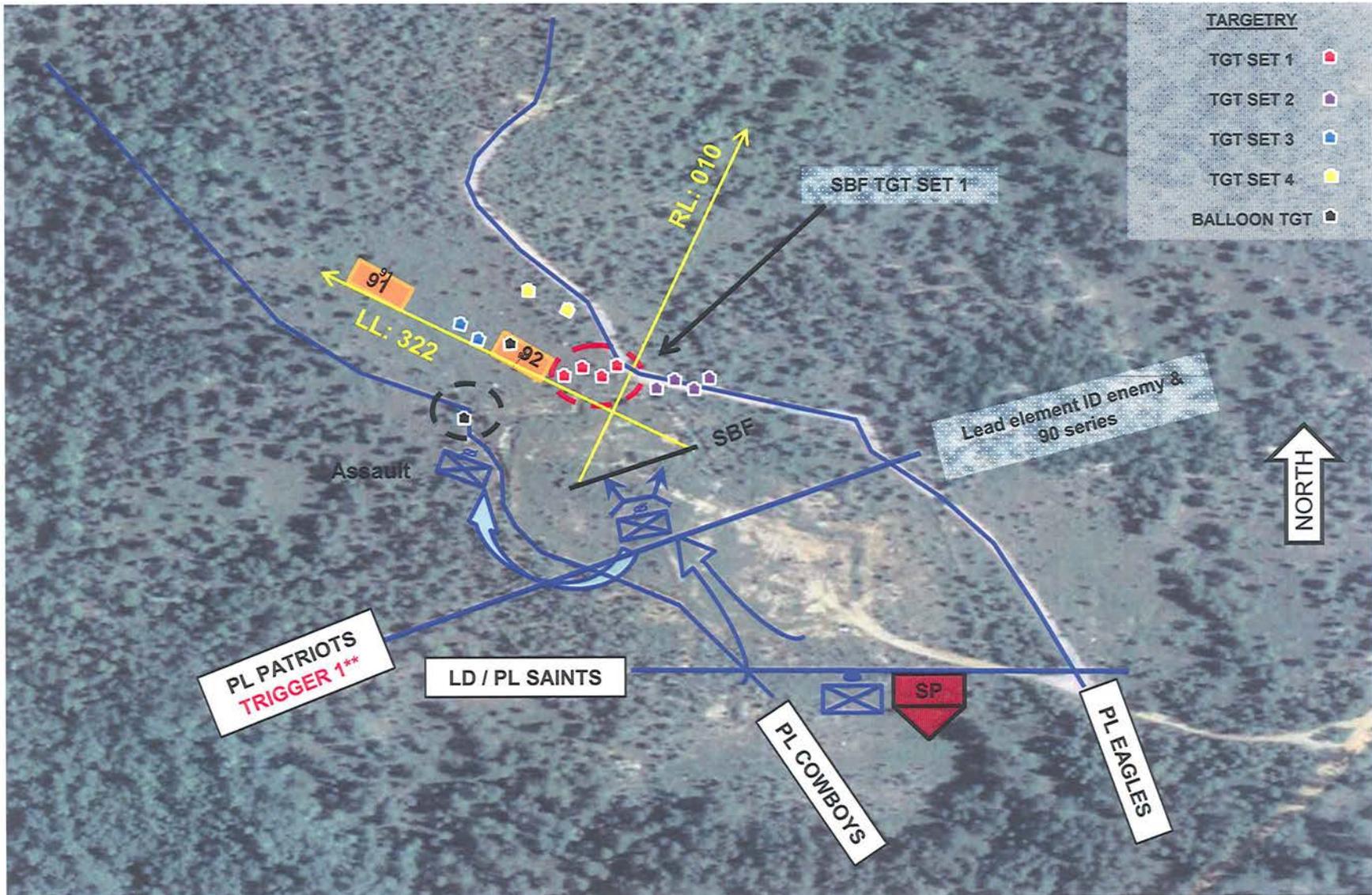
- AAR conducted at OBJ target engagement area





Execution

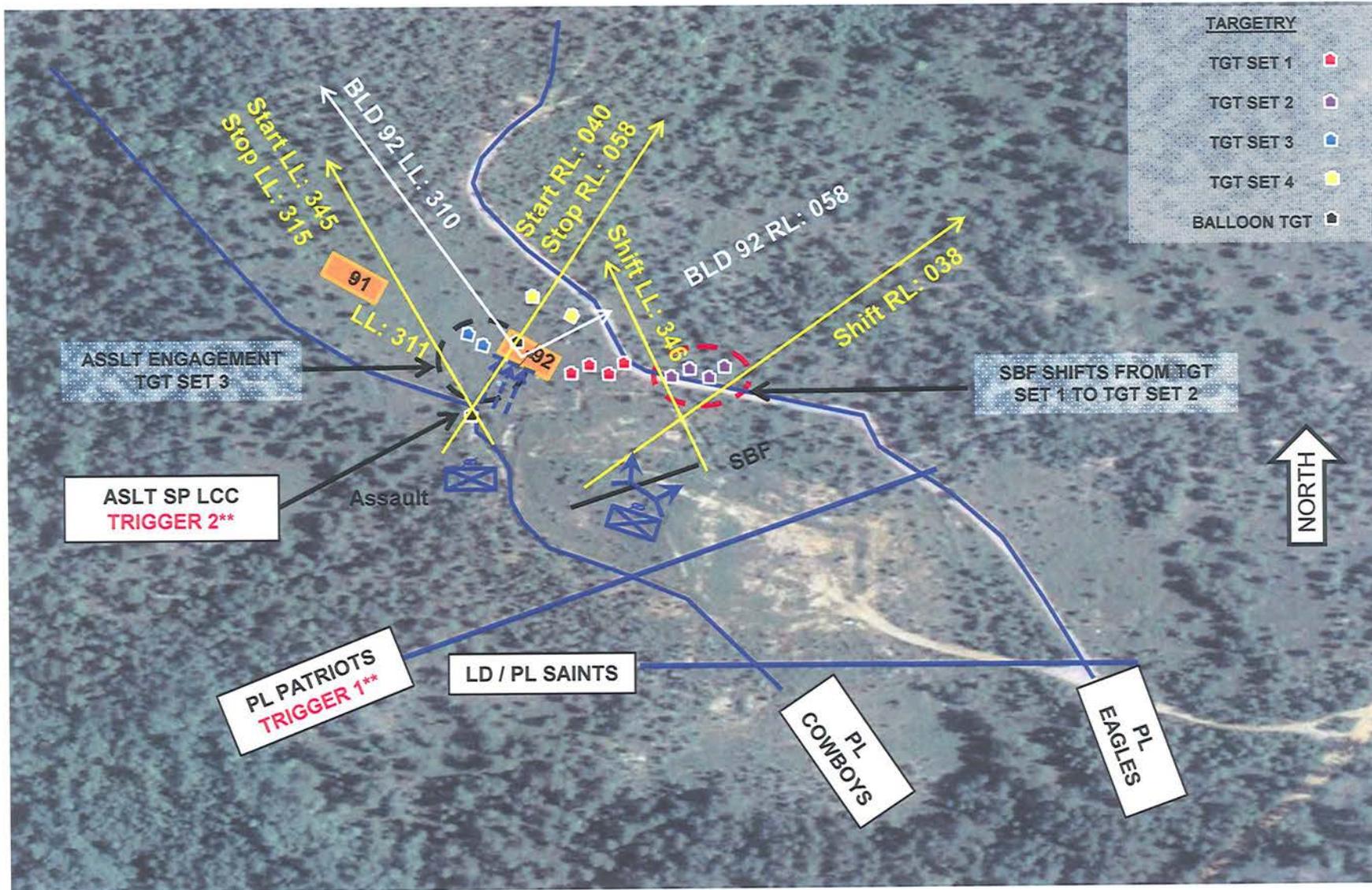
Engagement 1





Execution

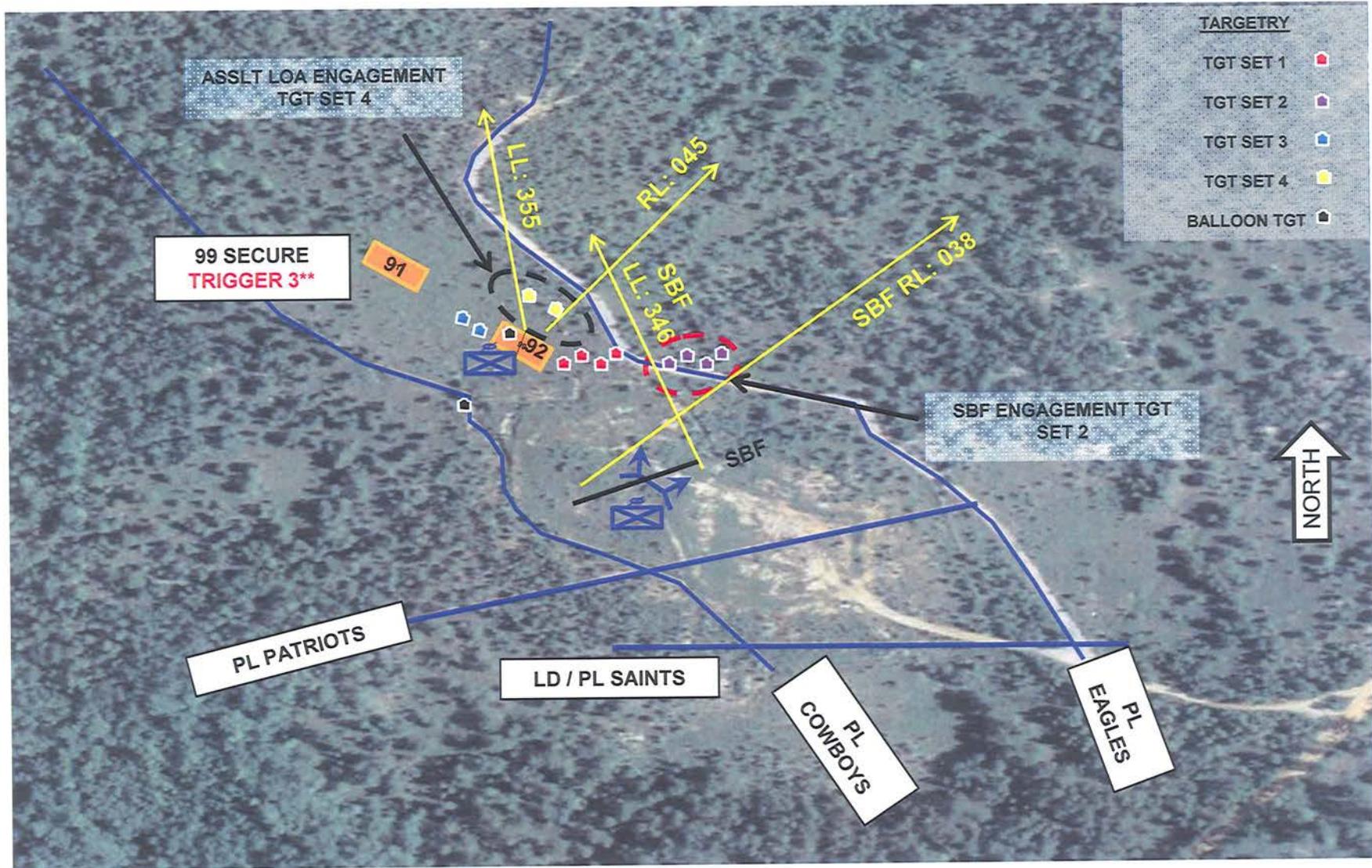
Engagement 2





Execution

Engagement 3



MICRO TIMELINE

| Time | Event | PAX |
|-----------|-----------------------|------------|
| 1200 | ADVON SP to K36 Range | Select PAX |
| 1300 | MB SP to K36 Range | ALL |
| 1400 | Safety Brief | ALL |
| 1420-1600 | Day BFX | ALL |
| 1600-1800 | Day LFX | ALL |
| 2000-2200 | Night BFX | ALL |
| 2200-0001 | Night LFX | ALL |
| 0001-1300 | Range Cold | ASP Guard |

COORDINATING INSTRUCTIONS

Chow Plan

- *MRE's will be available for lunch*
- *Dinner will be Hot A's*

AMMO

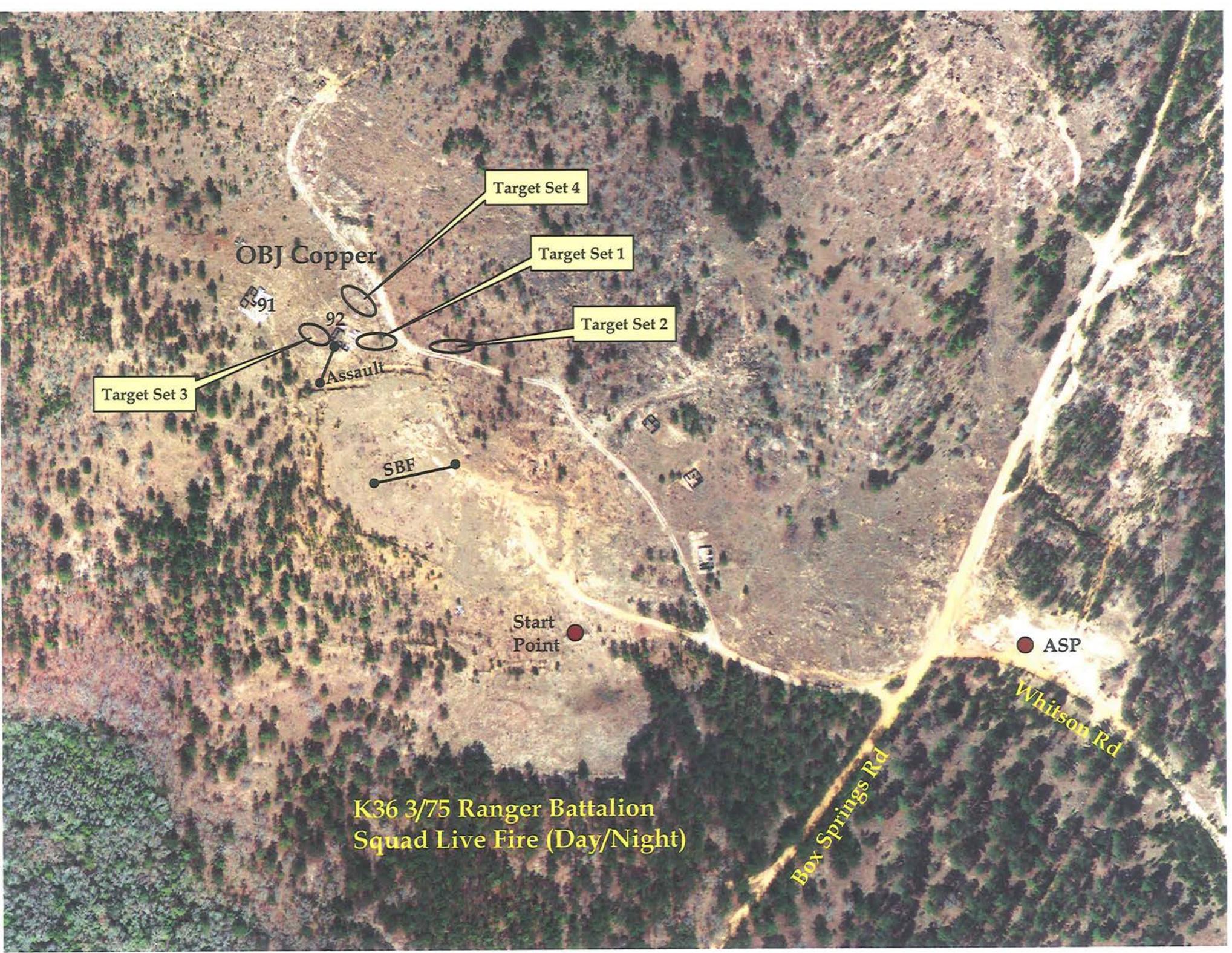
- *ASP will be set up and manned IAW RSOP*
- *Each PLT will provide 1xNCO and 1XRunner to RON at the ASP*
- *All dunnage will be catalogued and organized after each iteration and prior to handing over to the incoming Platoon*
- *A field ASAP will be run for the duration of training*

OIC/RSO/Target Operators

- *The Platoon executing on that day will provide RSO/OIC and the Range Box for their range day*
- *T/O's will be provided by HQ*

MED Coverage

- *CO Senior Medic w/ FLA or MED VAN*
- *MACH is primary MEDEVAC Site via FLA or MEDVAN*
- *Route will be briefed prior to start of day and night LFX*



OBJ Copper

Target Set 4

Target Set 1

Target Set 2

Target Set 3

Assault

SBF

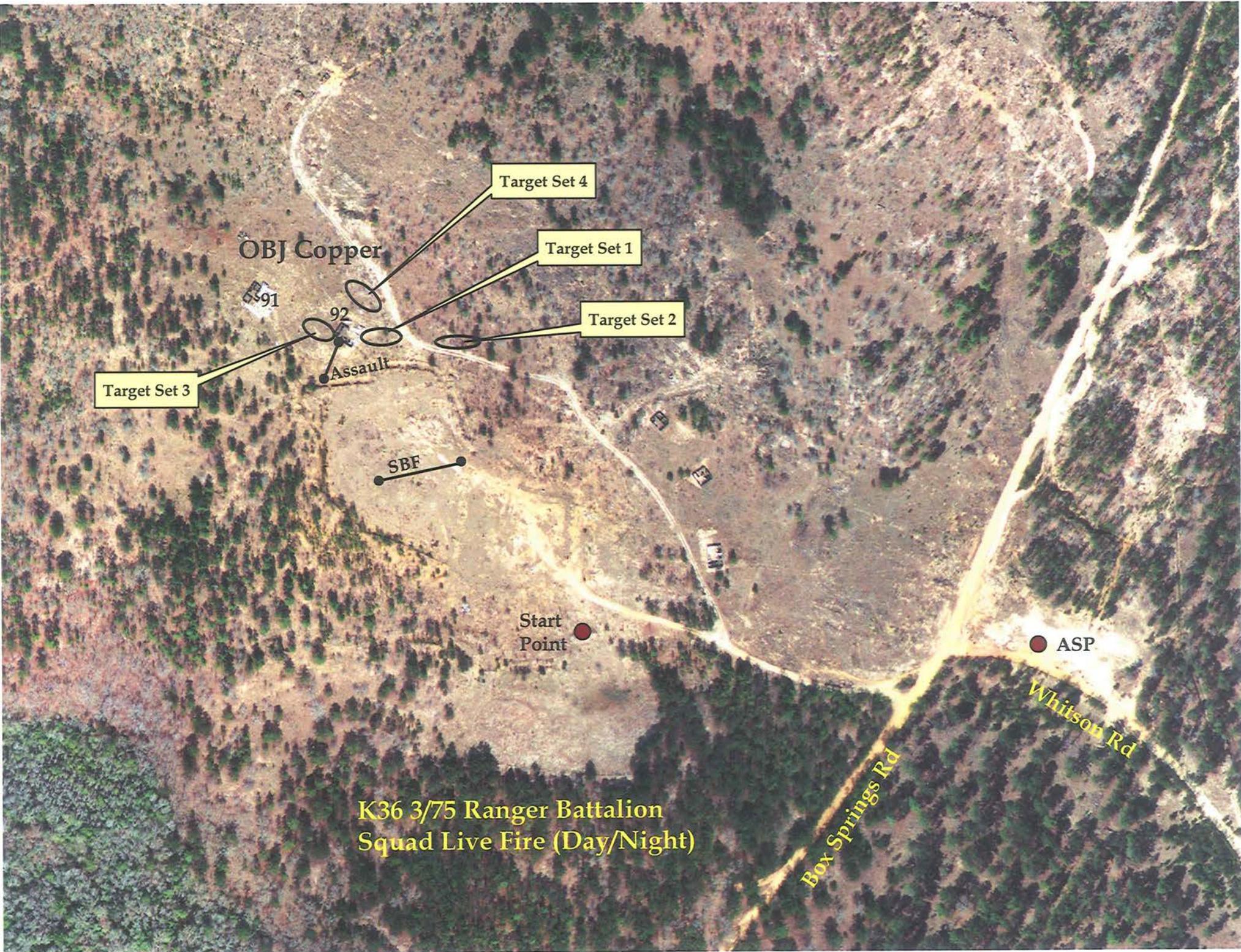
Start Point

ASP

Box Springs Rd

Whitson Rd

K36 3/75 Ranger Battalion
Squad Live Fire (Day/Night)



OBJ Copper

91

92

Assault

Target Set 4

Target Set 1

Target Set 2

Target Set 3

SBF

Start Point

ASP

K36 3/75 Ranger Battalion
Squad Live Fire (Day/Night)

Box Springs Rd

Whitson Rd

K36 3/75 Ranger Battalion Squad LF (Mar 2014) Log #2-2-14 Roadblocks 01 Mar 2014

| # | GRID | LOCATION | TYPE | # | GRID | LOCATION | TYPE |
|-------|------------|---|-------|-------|------------|---|-------|
| K-2 | GA 163 883 | Across Box Springs Rd 125m N. of its intersection with Buena Vista Rd. | Gate | K-26 | GA 201 949 | Across Boundry Road 1800m S of its intersection with Turrentine Road | Gate |
| K-3 | GA 153 894 | Across entrance road leading to Concord OP 250m N. of its intersection with Buena Vista Rd. | Gate | K-27 | GA 207 968 | Across Turrentine Rd 600m E. of its intersection with Boundary Rd. | Gate |
| | | | | K-28 | GA 191 885 | Across Whitson Rd 15m W. of its intersection with Cactus Rd. | Gate |
| K-5 | GA 117 920 | Across Shamanski Rd 25m N. of its intersection with Buena Vista Rd. | Gate | K-29 | GA 189 888 | Across un-named trail on left side of Cactus Range 300m W of Cactus Road | Gate |
| K-7 | GA 109 937 | Across Moore Rd 15m N. of its intersection with Bullseye Rd. | Cable | K-30 | GA 190 890 | Across un-named trail on right side of Cactus Range 250m W of Cactus Road. | Gate |
| K-8 | GA 099 947 | Across Bulls Eye Rd 50m E of its intersection with Lorraine Road. | Gate | K-32 | GA 192 915 | Across Shamanski Road 35m W of its intersection with Cactus Rd. | Gate |
| K-9 | GA 103 921 | Across Buena Vista Rd 40m E of the intersection with Moore Rd (Road Guard Location) | Gate | K-36 | GA 163 883 | Across Buena Vista Rd 50m W. of its intersection with Box Springs Rd. (Road guard location). | Gate |
| K-9A | GA 106 919 | Across tank trail 200m W of the Upatoi Creek ford site. | Gate | K-36A | GA 163 882 | Across Tank Trail 50m W. of its intersection with Box Springs Rd. | Gate |
| K-10 | GA 118 920 | Across Buena Vista Rd at K-5 road block. | Gate | K-38 | GA 201 941 | Across unnamed trail 35m W. of its intersection with the east boundary road. Permanently closed. | Gate |
| K-11 | GA 105 927 | Across Moore Rd 20m N. of its intersection with Audernarde Trail. Entrance to Terry Demo Rng. (Road guard location) | Gate | K-39 | GA 202 949 | Across unnamed trail 15m W. of its intersection with the east boundary road. Permanently closed. | Gate |
| K-12 | GA 104 988 | Across Old Lorraine Road 600m S of the tower on Brooks Range. | Gate | K-40 | GA 174 908 | Across Box Springs Rd 30m S. of Pine Knot Creek. | Gate |
| K-13 | GA 112 943 | Across Moore Rd 680m N. of its intersection with Bullseye Rd. | Gate | K-41 | GA 192 944 | Across Kennesaw Trail 30m W. of its intersection with Box Springs Rd. | Gate |
| K-14 | GA 113 998 | Across Moore Rd 10m S. of its intersection with Lorraine Rd. | Gate | K-42 | GA 193 944 | Across Box Springs Rd 10m N. of its intersection with Cactus Rd. | Gate |
| K-15 | GA 114 999 | Across course road leading out of Ruth Range 50m E. of its intersection with Moore Rd. | Gate | K-43 | GA 203 978 | Across the northern boundary range road approx 20m N-W. of the old Hastings Range upper baseline. | Gate |
| K-16 | GB 190 003 | Across Rinehart Rd 130m W. of its intersection with Box Springs Rd. | Gate | K-44 | GA 113 955 | Across Moore Rd on the N. side of Carmouche Range maneuver box. | Gate |
| K-16A | GA 172 989 | Across Rinehart Rd 20m S. of its intersection with the northern boundary range road. | Gate | K-45 | GA 115 961 | Across Moore Rd 300m S. of its intersection with the old Ware Range course road. | Gate |
| K-16B | GA 171 990 | Across un-named trail 20m S. of its intersection with the northern boundary range road. | Gate | K-46 | GA 119 979 | Across Moore Rd 725m S. of its intersection with Americo Trail | Gate |
| K-17 | GB 116 013 | Across unnamed trail 15m E. of Moore Rd and 300m N. of Ruth Range tower. | Gate | K-47 | GA 176 963 | Across Turrentine Rd 1000m W. of mover 4 on Hastings Range | Gate |
| K-19 | GB 121 023 | Across unnamed trail 220m N-E. of Oscar Range Complex Road and 30m S of the northern boundary range road. | Gate | K-50 | GA 195 988 | Across Box Springs Rd 60m N. of its intersection with the northern boundary range road. | Cable |
| K-20 | GB 141 021 | Across unnamed trail 550m S of the northern boundary range road. | Cable | | | | |
| K-21 | GB 139 027 | Across the northern boundary range road Aprox 250m East of Cox Creek bridge. | Gate | | | | |

COMPOSITE RISK MANAGEMENT WORKSHEET

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

| | | | |
|-----------------------------------|--------------------------------|----------------------------|---|
| 1. MSN/TASK TWK 26 (SLFX) K-36 | 2a. DTG BEGIN 251300MAR2014 | 2b. DTG END 270300MAR14 | 3. DATE PREPARED (YYYYMMDD) 20140121 |
|-----------------------------------|--------------------------------|----------------------------|---|

| | | | |
|----------------------|----------------|-------------------------------|--|
| 4. PREPARED BY | | | |
| a. LAST NAME VINT | b. RANK ILT | 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? |
|-------------------|-------------------------------------|-----------------------|--|------------------------|---|----------------------------|----------------------------|
| SLFX-FIRING RISKS | Fratricide due to fire and maneuver | H | All Rangers must certify during BFX under the same conditions as the LFX before being allowed to conduct the LFX IAW Policy Letter #7 | M | Blank Fire iteration prior to live fire, range safety briefing discussing target disposition. | CO/PL/PSG/SL | |
| | | | A leader TEWT will be conducted prior to the LFX during which the BN CDR and CO CDR will validate all LFX scenarios IAW Policy Letter #7 | | PSG and above range walk, range safety brief with BN chain of command. | CO/PL/PSG | |
| | | | A 15 degree minimum safe distance will be enforced for all direct fire weapon systems. | | Team leader enforcement, Squad Leader and PLT leadership will walk each lane to ensure compliance. | TL/SL/OIC/RSO | |
| | | | Rangers will only use weapons they are qualified on. IAW Policy Letter #7 | | Team Leader and above will verify that each Ranger is qualified on their weapon during prior range weeks. | TLs/SLs | |
| | | | A detailed safety brief will be given to all Rangers with emphasis on weapons orientation and muzzle awareness. | | OIC / RSO will conduct range briefing prior to executing SLFX. | OIC/RSO | |
| | | | Weapons will be placed on safe at all times when not engaging targets. All Regimental SOP's on LFX's will be enforced. | | Rehearsals prior to week of execution on selector switch manipulation, SLs and above will walk each lane. | SL/OIC/RSO | |

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

| | | | |
|---|--|-------------------------------|---|
| 13. OVERALL RISK LEVEL AFTER CONTROLS ARE IMPLEMENTED (Check one) | | | |
| <input type="checkbox"/> LOW | <input checked="" type="checkbox"/> MODERATE | <input type="checkbox"/> HIGH | <input type="checkbox"/> EXTREMELY HIGH |

| | | | |
|-----------------------------|----------------|---|---|
| 14. RISK DECISION AUTHORITY | | | |
| a. LAST NAME ELLIS | b. RANK LTC | c. DUTY POSITION Battalion Commander | d. SIGNATURE  |

ITEMS 5 THROUGH 12 CONTINUED:

| 5. SUBTASK | 6. HAZARDS | 7. INITIAL RISK LEVEL | 8. CONTROLS | 9. RESIDUAL RISK LEVEL | 10. HOW TO IMPLEMENT | 11. HOW TO SUPERVISE (WHO) | 12. WAS CONTROL EFFECTIVE? |
|------------------------------------|-------------------------------------|-----------------------|---|------------------------|---|----------------------------|----------------------------|
| | | | OIC/RSO will move with each element conducting LFX. | | Platoon Leadership will OC each lane. | OIC/RSO | |
| | | | A Range qualified OIC and RSO will operate the range IAW FT BENNING range regulations. | | Leaders will have range cards on them verifying they are allowed to run the range. | OIC/RSO | |
| | | | A medic will be on site with a CASEVAC vehicle throughout the LFX . | | Medic is static at the Range before requesting hot status and remains in place until the range goes cold. | OIC/RSO | |
| | | | Rangers will wear helmet, plate carrier with plates, gloves, ear protection, and eye protection. | | Team Leader will conduct PCC/PCI prior to each iteration. | TL/SL/TL | |
| | | | All personnel and equipment will be accounted for after each iteration | | TL will conduct sensitive items check after each iteration. | SL/TL | |
| SLFX and Marksmanship Firing Risks | Injury due to a negligent discharge | M | When on the range, Rangers will wear helmet, ear protection, eye protection, gloves and plate carrier with ballistic plates at all times. | L | Team Leader and above will conduct PCC/PCI prior to each iteration. | PL/PSG/SL/TL | |
| | | | Rangers will only use weapons they are qualified on. | | Team Leader and above will verify that each Ranger is qualified on their weapon during prior range weeks. | TL/SL/OIC/RSO | |
| | | | Weapons will be placed on safe when not engaging targets. | | Rehearsals prior to week of execution on selector switch manipulation, SLs and above will walk each lane. | PL/PSG/SL/TL | |
| | | | Rangers will lock and load at the RP only when told by OIC/RSO. | | OIC/RSO will give the command to lock and load prior to beginning lane. | OIC/RSO | |
| | | | All weapons locked, cleared, and inspected before exiting the LFX area. | | TL will inspect each weapon at the end of each iteration. White lights will be used at night. | SL/TL | |

ITEMS 5 THROUGH 12 CONTINUED:

| 5. SUBTASK | 6. HAZARDS | 7. INITIAL RISK LEVEL | 8. CONTROLS | 9. RESIDUAL RISK LEVEL | 10. HOW TO IMPLEMENT | 11. HOW TO SUPERVISE (WHO) | 12. WAS CONTROL EFFECTIVE? |
|------------|-------------------------------------|-----------------------|--|------------------------|---|----------------------------|----------------------------|
| | | | Rangers will be briefed to fire only at targets in their designated sector of fire, and to practice target discrimination to avoid potential ricochet. | | All rangers will be given a safety / scenario brief to ensure understanding of the lane and range fan. | OIC/RSO | |
| | Injury due to ricochet | M | Rangers will wear helmet, ear protection, eye protection, gloves and plate carrier with ballistic plates while firing. | L | Leadership will conduct PCC/PCI prior to each iteration. | PL/PSG/SL/TL | |
| | | | Range will be checked for ricochet hazards before training and Rangers will be briefed on any hazards that cannot be removed. | | OIC/RSO will conduct a detailed range walk prior to going hot. | OIC/RSO | |
| | Mixing of live and blank ammunition | M | Ammo NCO signs for all ammo and keeps blank and live ammo separate at the ASP. | L | Ammo SOP will be on hand, Ammo NCO will understand responsibilities, Ammo will be separated by terrain feature. | OIC/RSO/Ammo NCO | |
| | | | OIC/RSO will ensure ammo point is safely arranged and maintained IAW FBGA Range policies. | | OIC/RSO will ensure proper ASP establishment prior to Rangers arriving to train. | OIC/RSO/Ammo NCO | |
| | | | TL will inspect Rangers between iterations to ensure download of ammo. | | TL will ensure all ammo is dumped at proper ammo point before transitioning from blank to live. | PL/PSG/SL/TL | |
| | 40mm Risks | M | Rangers will rehearse misfire procedures IAW Fort Benning Range Control SOPs, keep weapon oriented downrange, and seek assistance. | L | Rehearsals during week 25, safety brief will cover remedial action with a demonstration. | PL/PSG/SL/TL | |
| | Minor bodily injury (cut or fall) | M | Pre-inspection of site before training. Brief all Rangers on existing hazards, supervise activities in those areas. | | OIC/RSO will conduct a detailed range walk prior to going hot. | OIC/RSO | |
| | | | Rangers will wear knee pads, gloves, eye protection, helmet, and plate carrier with ballistic plates. | | TLs will conduct PCC/PCI prior to each iteration. | SL/TL | |
| | Vehicle Accident | M | Only licensed Rangers will drive vehicles and the vehicles will be properly dispatched with all required paper work and safety equipment. | L | Leaders will ensure that drivers have a valid license for the vehicle they are operating. | PL/PSG/SL/TL | |

| ITEMS 5 THROUGH 12 CONTINUED: | | | | | | | |
|-------------------------------|---|-----------------------|--|------------------------|---|----------------------------|----------------------------|
| 5. SUBTASK | 6. HAZARDS | 7. INITIAL RISK LEVEL | 8. CONTROLS | 9. RESIDUAL RISK LEVEL | 10. HOW TO IMPLEMENT | 11. HOW TO SUPERVISE (WHO) | 12. WAS CONTROL EFFECTIVE? |
| | | | All vehicles will be properly serviced and PMCS'd before each use. | | Vehicles are PMCS'd and dispatched as of WK 25. | PL/PSG/SL/TL | |
| | | | Rangers will wear all protective gear required to operate their assigned vehicle. | | TLs will conduct PCC/PCI prior to driving vehicles. | PL/PSG/SL/TL | |
| | | | During periods of limited visibility, all vehicles will be ground guided when operating IVO troops. | | TC of each vehicle will serve as ground guide. | PL/PSG/SL/TL | |
| | | | No vehicles will be used as part of a tactical scenario. | | Range brief will instruct Rangers that all maneuver is conducted while dismounted. | PL/PSG/SL/TL | |
| | Firing incidents (listed above) caused by night firing. | M | All Rangers will wear NVGs. | L | TLs will conduct PCC/PCI prior to each iteration. | PL/PSG/SL/TL | |
| | | | Range safeties will brief Rangers on considerations for NVG usage (lack of depth perception, limited field of view). | | Rangers conducted movement under NODs rehearsals during WK 25. | OIC/RSO | |
| | | | All Rangers will have their IR lasers set to low power. | | TLs will conduct PCC/PCI prior to each iteration, all lasers were blue-blocked during MLAT and remain so. | PL/PSG/SL/TL | |
| | | | Range walkers will be with each maneuver element. | | Platoon Leadership will OC each lane. | OIC/RSO | |
| | Burns and fire due to pyrotechnics and effects simulators | M | Professional operators will load all devices and pyro. | L | Targetry will establish pneumatic guns and train any operators prior to execution. | OIC/RSO | |
| | | | Leader TEWT prior to execution will outline pyro usage. | | Leaders will be shown OBJ and where Flashbang can be utilized. | OIC/RSO | |

| 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? |
| | | | No employment of pyro devices within 5meters of Rangers. | | All flashbangs will be thrown into building to ensure proper standoff. | OIC/RSO | |
| | Loss of hearing due to noise | M | Rangers will wear approved hearing protection. | L | TLs will conduct PCC/PCI prior to each iteration. | PL/PSG/SL/TL | |
| | Minor bodily injury (cut or fall) | M | Hazards on the Range will be identified and briefed to Rangers prior to beginning training. | L | OIC / RSO will conduct range briefing prior to executing SLFX> | OIC/RSO | |
| | | | Rate of movement will be adjusted to match complexity of the terrain. | | TL has rehearsed with team prior to week of execution, TL will control rate of movement. | OIC/RSO/TL/SL | |
| | | | Rangers will be familiar with all equipment before executing training and classes will be given prior to any practical applications. | | Leaders will ensure that Rangers are trained on all equipment prior to execution through rehearsals week 43. | PL/PSG/SL/TL | |
| | Severe weather (storms, lightning, tornadoes) | L | Leaders will monitor all nets for storm warnings. | L | OIC/RSO will monitor range brick at all times. | PL/PSG/SL/TL | |
| | | | Wind/weather restrictions will be enforced. | | Leaders will move Rangers to weather admin areas IVO assembly area and on the bus as needed. | PL/PSG/SL/TL | |
| | | | In case of a storm warning involving lightning, Rangers will be sent to a dispersal area away from any tall trees, structures, and metal. | | Rangers will move on to the bus if needed to move out of the elements. | PL/PSG/SL/TL | |
| Environmental Risks | Heat casualty/ injury | L | Rangers will conduct all training IAW USASOC REG 385-1 dated July 2009. Observe a proper work to rest ratio for the climate conditions. | L | TLs will ensure that Rangers are drinking water, observing rest plan, and receiving adequate down time. | OIC/RSO/TL/SL | |
| | | | Leaders and buddies will monitor for symptoms of weather injuries and ensure the uniform is suitable for climate conditions. | | OIC/RSO will downgrade uniform as needed to account for extreme weather. | OIC/RSO | |



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:

Brann, Griswold, Garnsey, Galloway, DMPRC, K36

Amount, Description, Location of Disturbance/Digging:

none

Number of Personnel:

None

Type of Ammunition:

5.56, 7.62, 40mmTP/HE, m67, Pyro live & Blank

Number/Types of Trees:

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.

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 Ariaschoa (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

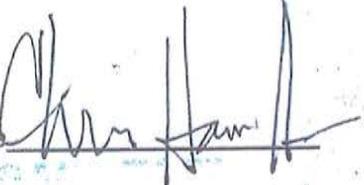


for John E Brown
NEPA Program Manager

Date

25 NOV 2013

Signature



Christopher E. Hamilton, PhD
EPMB Chief

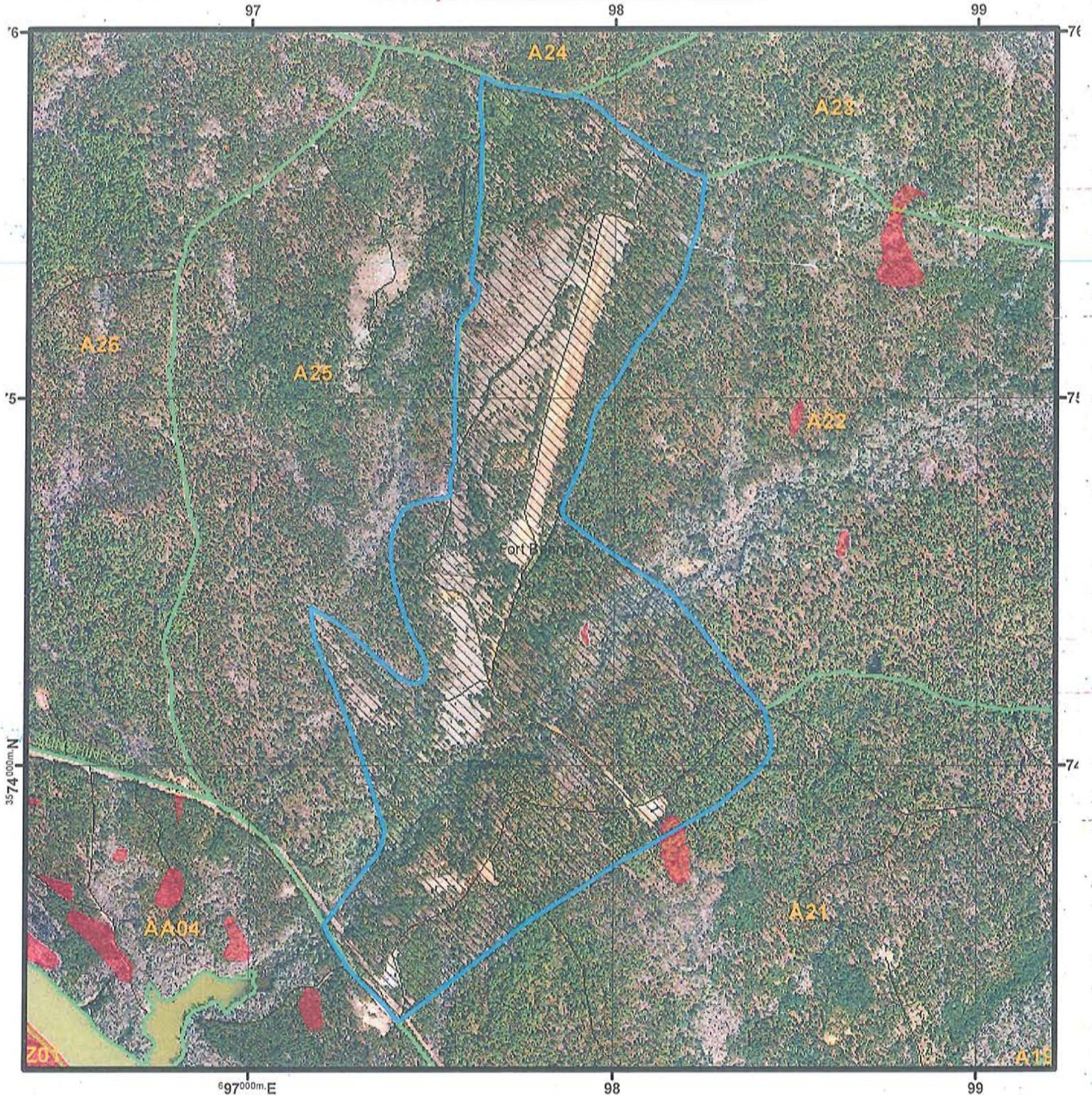
Date

25 Nov 13

For Official Use Only, Not for Public Release
**Ground Disturbing Activities in Sensitive Areas
 are Subject to Criminal and/or Civil Penalties**

NAD 83
 Grid in Meters

Griswold Range

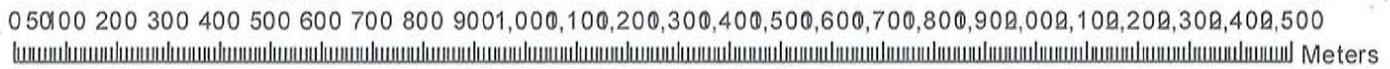


3574000m N

697000m E

98

99



Historic_buildings CRARCSIT_TEMP

- Historic
- Not Evaluated
- Not Eligible
- Not Historic
- Demolished
- Prgm Cmt

NREG_STT_D

- ELIGIBLE; NHL
- RECOMMENDED; PROTECTED
- NOT ELIGIBLE
- + Cemetery_2013

No Vehicles
 or
 ground
 disturbance



DPW-EPMB

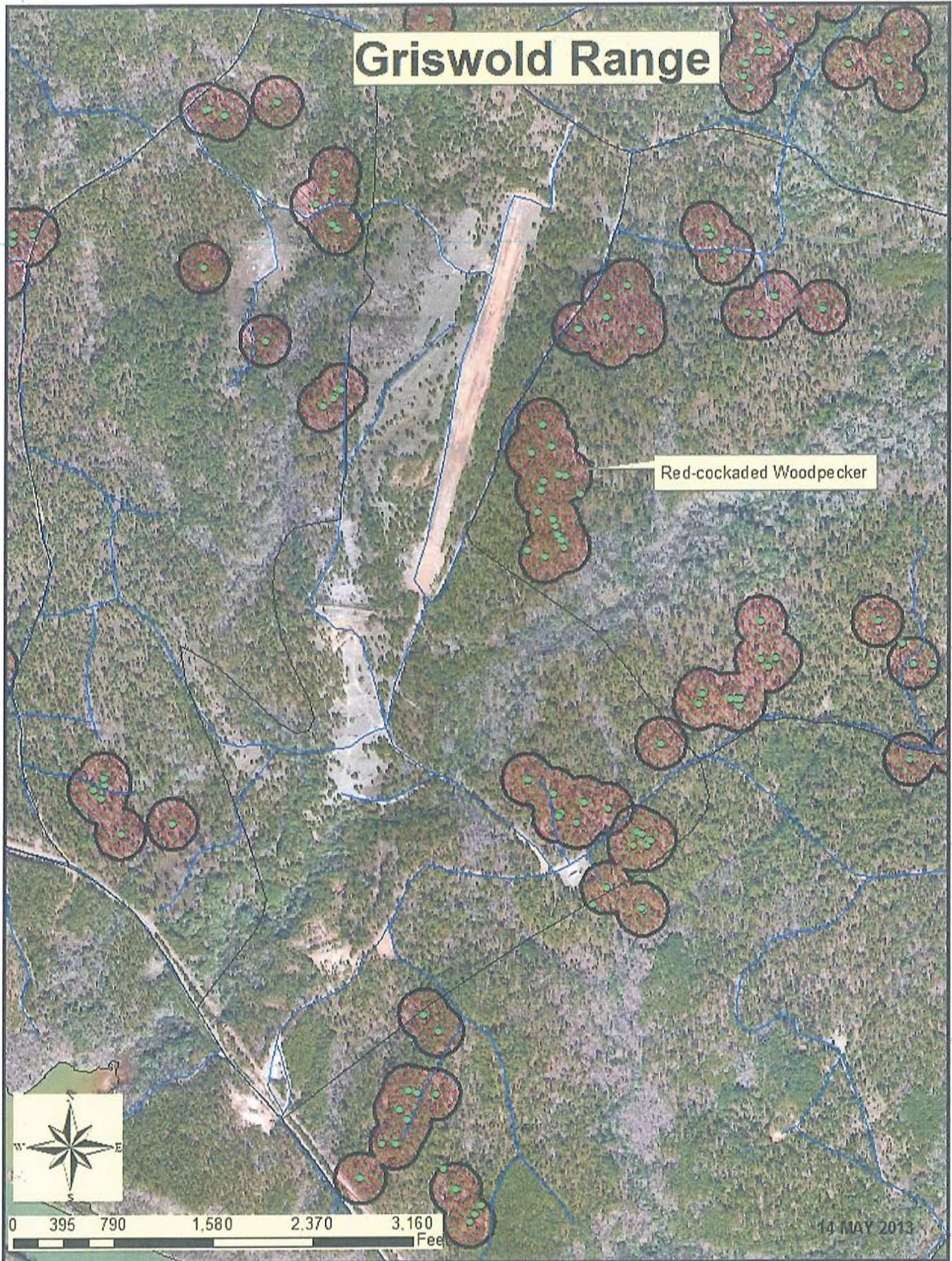
Griswold Range

Red-cockaded Woodpecker



0 395 790 1,580 2,370 3,160 Feet

14 MAY 2013



K36 3/75 Squad Live Fire (March 2014)

*SBF: 1676 9024 to 1682 9026 (LL & RL = Deg's Grid Az)

M240/MK48; M203/M320 (7.62mm B&T, 40mm TP)

M4/M16/MK16; M249/MK46 (5.56mm B&T)

LL= 322 (Shift 346), RL= 010 (Shift 038)

*Assault, Start to Stop: 1672 9031 to 1674 9034

M4/M16/MK16; M249/MK46 (5.56mm B&T), M203/320 (40mm TP)

LL= (Start 345, Stop 315), RL=(Start 040, Stop 0580)

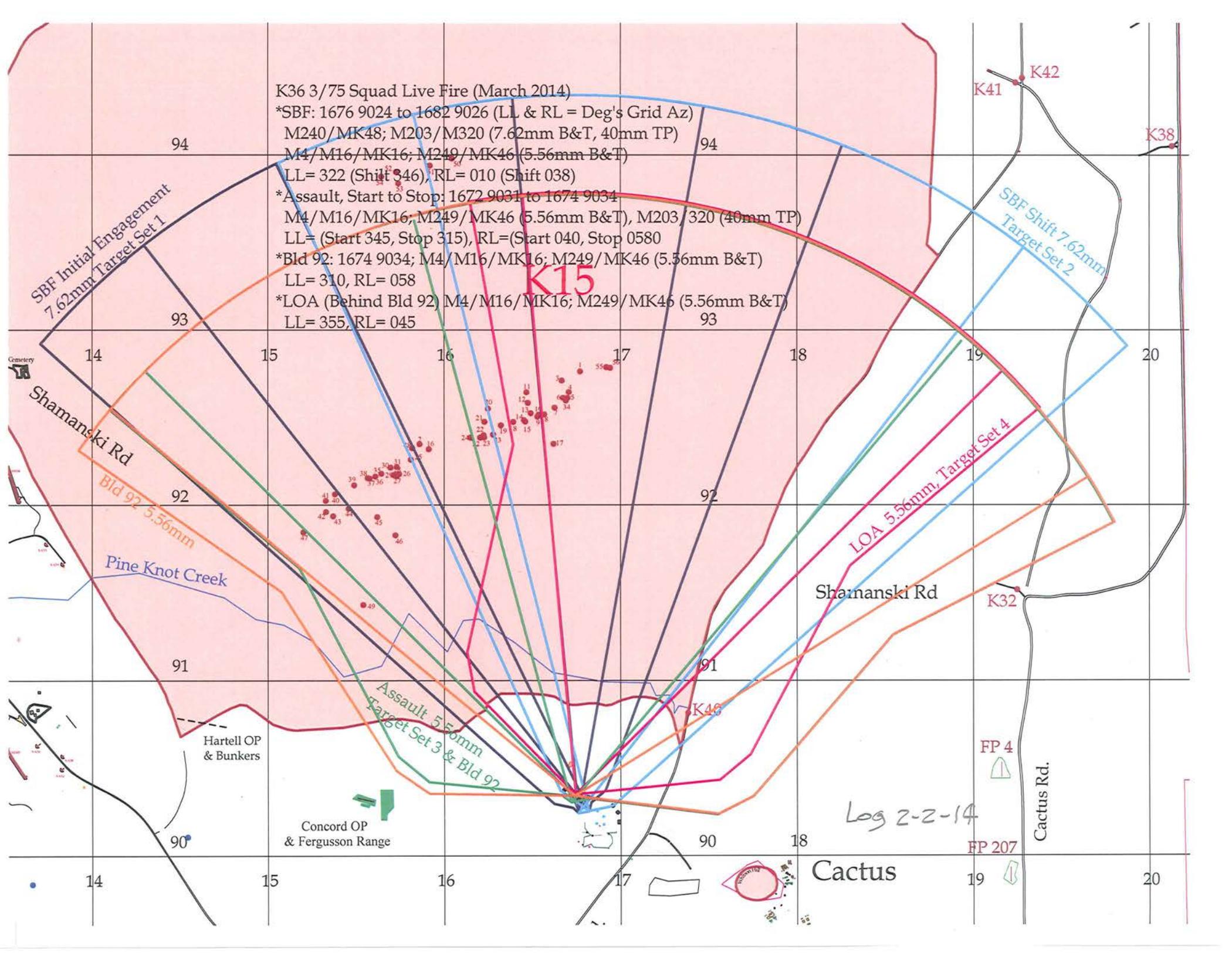
*Bld 92: 1674 9034; M4/M16/MK16; M249/MK46 (5.56mm B&T)

LL= 310, RL= 058

*LOA (Behind Bld 92) M4/M16/MK16; M249/MK46 (5.56mm B&T)

LL= 355, RL= 045

K15



Log 2-2-14

Cactus