

**FIRING/NONFIRING DATA**

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

<b>TO:</b> Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	<b>Date:</b> 09 May 2014 <span style="float:right">Log #4-31-14</span> <b>Range:</b> DMPRC <b>Title:</b> IAD's Pre Deployment Training <b>Problem No:</b>
<b>THRU:</b> 75th Ranger Regiment Fort Benning, GA. 31905	<b>FROM:</b> RRC, RSTB/75th Ranger Regiment Fort Benning, GA. 31905

**SECTION I, TYPE OF TRAINING**

a. Live Fire     
  b. Non-live Fire     
 CP/Controller Coordinates: GA 0986 8871

**SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS**

Coordinates	Type	Model/DODAC	Size of Charges
See Weapon & Ammo List	See Weapon & Ammo List	See Weapon & Ammo List	N/A

**SECTION III, WEAPONS/AMMUNITION REQUESTED**

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

**SECTION IV, LIVE FIRE EXERCISES Attach the following:**

**SECTION V, NON-LIVE FIRE TRAINING**

<input checked="" type="checkbox"/> Scenario of training to be conducted: <input checked="" type="checkbox"/> Sketch of area: <input checked="" type="checkbox"/> Risk Assessment: <input type="checkbox"/> Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:	Training area(s) to be occupied:  <input type="checkbox"/> Scenario of training to be conducted: <input type="checkbox"/> Sketch of area(s) to be occupied: <input type="checkbox"/> Risk Assessment:
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Name/rank of requesting officer: 1LT Larson, Eric	Name/rank of Major Unit S3/Commander: CPT Commons, Austin
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**SECTION VI, FOR RANGE DIVISION USE**

**DATE:** 11 JUL 2014

<b>TO:</b> 75th Ranger Regiment Fort Benning, GA. 31905	<b>FROM:</b> Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905
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**CONFIRM DROP GRENADE DRILL IN ALL AREAS!**

a. Roadblocks to be closed: b. Road(s) to be closed/road barrier locations: c. Remarks: d. This approval expires: 11 JUL 2015	See Enclosed Roadblock List. See Enclosed Roadguard & Barrier List.  
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Chief, Range Division  
Directorate of Plans, Training, Mobilization and Security

**DMPRC, 75th Ranger Regiment IAD Pre Deployment Training (Log #4-31-14) Weapons, Ammo List, June 20, 2014**

Firing Positions	Weapons	Ammunition	Left Limit, Mils/Deg's Grid Azimuth	Right limit, Mils/Deg's Grid Azimuth
Dismount Engagement: 12020 89030 to 12050 89120	MK17 M4/MK16, M9/Pistols M18A1, LAW M72AS	7.62mm (M118 LR) 5.56mm Ball, 9mm Ball, .40 cal Ball Claymore, 21mm Sub-Cal	010 350 350	030 030 350
Eng 1A: 10840 89170 to 10870 89120	MK17, M4/MK16 M9, Pistols, LAW M72AS	7.62mm (M118 LR), 5.56mm Ball 9mm Ball, .40 cal Ball, 21mm Sub-Cal	025 025	067 067
Eng 1B: 11240 89470 to 11265 89445	MK17, M4/MK16 M9, Pistols, LAW M72AS	7.62mm (M118 LR), 5.56mm Ball 9mm Ball, .40 cal Ball, 21mm Sub-Cal	040 040	072 072
Eng 2A: 11935 90755 to 11950 90725	MK17, M67 M4/MK16, M9, Pistols LAW M72AS	7.62mm (M118 LR), Hand Grenade (Frag) 5.56mm Ball, 9mm Ball, .40 cal Ball 21mm Sub-Cal	015 015 015	075 075 075
Eng 2B: 12150 91000 to 12150 90960	MK17, M67 M4/MK16, M9, Pistols LAW M72AS	7.62mm (M118 LR), Hand Grenade (Frag) 5.56mm Ball, 9mm Ball, .40 cal Ball 21mm Sub-Cal	050 050 050	092 092 092
Eng 2C: 12350 90960 to 12360 90940	MK17, M4/MK16 M9, Pistols, LAW M72AS	7.62mm (M118 LR), 5.56mm Ball 9mm Ball, .40 cal Ball, 21mm Sub-Cal	070 070	093 093
Eng 3A: 11780 89640 to 11820 89610	MK17, M67 M4/MK16, M9, Pistols LAW M72AS	7.62mm (M118 LR), Hand Grenade (Frag) 5.56mm Ball, 9mm Ball, .40 cal Ball 21mm Sub-Cal	020 020 020	075 075 075
Eng 3B: 12160 89980 to 12170 89965	MK17, M4/MK16 M9, Pistols, LAW M72AS	7.62mm (M118 LR), 5.56mm Ball 9mm Ball, .40 cal Ball, 21mm Sub-Cal	050 050	075 075
Eng 3C: 12465 90165 to 12495 90130	MK17, M4/MK16 M9, Pistols, LAW M72AS	7.62mm (M118 LR), 5.56mm Ball 9mm Ball, .40 cal Ball, 21mm Sub-Cal	048 048	075 075
Eng 3D: 12765 89965 to 12770 89950	MK17, M4/MK16 M9, Pistols, LAW M72AS	7.62mm (M118 LR), 5.56mm Ball 9mm Ball, .40 cal Ball, 21mm Sub-Cal	035 035	055 055
Eng 4 Buildings: 13660 90820	MK17 M4/MK16, M9, Pistols Shotgun, Pryotechnics LAW M72AS	7.62mm (M118 LR) 5.56mm Ball, 9mm Ball, .40 cal Ball 12ga Buckshoot/Hatton, Flashbang 21mm Sub-Cal	355 320 320 320	080 090 090 090
All Firing Positions Above	Pryotechnics	Smoke Grenade: G982, G940, G955 Star Clusters, HG Simulator	N/A	N/A

NOTE: Minimum engagement with LAW M72AS is 75m. Steel targets will be engaged in accordance with the current Fort Benning policy memorandum for use of steel targets.



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

ATZB-SO

13 June 2014

MEMORANDUM FOR Commander, Regimental Reconnaissance Company RSTB, 75<sup>th</sup> Ranger Regiment, Attn: 1LT Eric Larson, Fort Benning, GA 31905

SUBJECT: Regimental Reconnaissance Company (RRC), Regimental Special Troops Battalion (RSTB), 75<sup>th</sup> Ranger Regiment Immediate Action Drills (IAD) Pre-Deployment Training at Digital Multi-Purpose Range Complex (DMPRC) Concept of Operation (CONOP) and Deliberate Risk Assessment Worksheet (DRAW) Safety Review

1. References.

a. RRC, RSTB, 75<sup>th</sup> Ranger Regiment IAD Pre-Deployment Training at DPMRC CONOP (12 June 2014) and DRAW (18 June 2014).

b. Army Regulation 385-10, The Army Safety Program, 27 November 2013

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

g. Department of the Army Pamphlet 385-63, Range Safety, 16 April 2014

h. Army Techniques Publication 5-19, Risk Management, April 2014

i. MCoE Regulation 350-19, Range and Terrain Regulation, 01 March 2013

2. Document was received on 12 June 2014.

3. Concur w/comment.

a. Acknowledge the dynamics of this training iteration and the need for fluidity of the moment to enhance the skill set.

ATZB-SO

SUBJECT: Regimental Reconnaissance Company (RRC), Regimental Special Troops Battalion (RSTB), 75<sup>th</sup> Ranger Regiment Immediate Action Drills (IAD) Pre-Deployment Training at Digital Multi-Purpose Range Complex (DMPRC) Concept Of Operation (CONOP) and Deliberate Risk Assessment Worksheet (DRAW) Safety Review

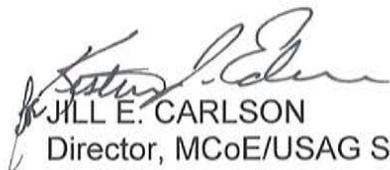
b. All guidance found within MCoE Regulation 350-19, paragraph 5-19 must be adhered, e.g. Battalion Commanders must certify each live fire maneuver exercise prior to unit execution, live fire exercises will not deviate from the blank fire exercise scenario, the level of supervision required on the range is two levels above the level of the unit receiving the training. Company Commanders and First Sergeants will be present for all maneuver live fire exercises, etc.

c. DRAW, Block 6 & 9, pg 3. "Hot or cold weather injuries", recommend the "Initial" and "Residual" risk levels be elevated to HIGH" and "MODERATE" to accurately reflect the actual number of Rangers affected by the climate and actual number of events that occur daily.

d. DRAW, Block 7, pg 3. "Severe weather (storms, lightning tornadoes)", recommend that you coordinate with Lawson Army Airfield USAF Weather Observers/Forecasters, 706-545-7313, (for block times of significant weather anomalies).

e. DRAW, Block 7, pg 6. Minimum engagement distance with shotgun/pistols is 10M and 5.56mm ammunition is 100M, not the stated 7/15 meters. See MCoE Policy Memorandum 385-63-7, paragraph 4g, dated 27 March 2013.

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](mailto:michael.w.risher.civ@mail.mil)

  
JILL E. CARLSON  
Director, MCoE/USAG Safety



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
REGIMENTAL RECONNAISSANCE COMPANY SPECIAL  
TROOPS BATTALION, 75TH RANGER REGIMENT  
6350 ASHLEY AVE. BLDG 2853  
FORT BENNING, GEORGIA 31905-5853

AORG-STB-AO

12 June 2014

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

SUBJECT: Memorandum of Instruction for Regimental Reconnaissance Company  
Immediate Action Drills at the Digital Multipurpose Range Complex (DMPRC).

1. REFERENCES:

- a. 75th Ranger Regiment Marksmanship RTC 350-10.
- b. RTC 350-1 (75th Ranger Regiment Training Circular).
- c. MCOE Regulation 350-19 Range and Terrain.
- d. Regimental Commander's Policy Letter #7, Conduct of Maneuver Live Fire.

2. GENERAL: The primary battle drill for a reconnaissance team is to react to contact. RRC Teams are not offensive maneuver formations- they must preserve combat power, regain the initiative, and win the fight as small, isolated teams. Teams must be experts at effectively reacting to contact in any environment, both mounted and dismounted, during day and night. RRC Immediate Action Drills (IADs) provide a training environment where the team members can train these skills and the Command Team can provide effective and objective evaluations. IADs validate battle drills and critical core tasks, but more importantly, train leaders how to make good decisions regarding how to employ their teams and assets when they do not get to choose the time and place of the engagement, the conditions are not set to their advantage, and when they must extract themselves from their situation on their own.

3. SPECIFIC:

a. Terminal Training Objective(s) / Desired Endstate: Train and certify 1-2 RRTs per quarter in properly reacting to an enemy threat scenario. The desired endstate is:

- (1) Teams are qualified on their weapons systems, critical core tasks and battle drills.
- (2) Leaders are trained to apply assets, critical core tasks and battle drills to the threat and operational environment.
- (3) Critical thinking and decision making skills are trained and evaluated from the individual to team level.

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SUBJECT: Memorandum of Instruction for Regimental Reconnaissance Company  
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b. Specific Tasks Trained:

- (1) React to Contact (mounted and dismounted)
- (2) Break contact mounted (civilian vehicle or small military wheeled vehicles)
- (3) Break contact dismounted
- (4) Strongpoint procedures
- (5) Assess, treat, and evacuate a casualty
- (6) Communicate and report

4. SCENARIO: Reconnaissance Team Sergeants and the RRC Command Team will develop a specific scenario from the Engagement and Target Areas specified in the attached enclosures IAW the photo enclosures and weapons/ammo list. The purpose of this packet is to give Reconnaissance Team Sergeants maximum latitude in tailoring a specific scenario in order to train on his team's specific training requirements. Teams will have the latitude to pick the order and number of the engagement and target areas to use in their specific scenario IAW the photo enclosures and weapons/ammo list. The general scenario will involve teams reacting to enemy targets from mounted or dismounted platforms. At a minimum, each team will conduct a mounted and dismounted react to contact front, right, left and rear. The attached photos outline the firing positions and targets Team Sergeants have to choose from. Prior to execution, the scenario will be validated by the Company and Battalion Command Teams. Company Commanders and First Sergeants will be present for all maneuver live fires. The team will conduct dry iterations prior to live iterations in order to validate proper procedures and communication. Command Team will confirm the firing positions, target areas and directions of fire will be IAW the weapons/ammo list and photo enclosure (to include building/room clearing) causing all rounds to impact within the prescribed range fan and within the respective SDZ's. Weapons and ammunition used throughout this scenario will range from M4/MK16 (5.56mm Ball/Tracer), MK17 (7.62mm M118 LR), Pistols (9mm/.40 cal ball), M320 (40mm TP), LAW (TP), M67 Frag Grenade, LAW M72AS 21mm Sub-Cal, Pyrotechnics (Smoke Grenades: G982/ G940/ G955, Star Clusters, Nine Banger/Flash-Bang G881, HG Simulator G878), Shotgun (Buckshot, Hatton), M18A1 Claymore. See weapons/ammo list for authorized weapon/ammo and firing position combination.

5. CONCEPT OF THE OPERATION:

a. Mounted Operations: While driving in 1-3 civilian style sedans or small military wheeled vehicles, the teams will take contact from the front, rear, right, or left. In each scenario the team will have to properly execute the required battle drill, whether that is break contact or assault through (target engagement will be IAW the photo enclosures and weapons/ammo list). Engagements 1-4 will include dismounting teams from vehicles, engaging targets IAW enclosed photos and weapon/ammo list and remounting vehicles. Safeties will control all movement during building clearing on engagement 4. When engaging from vehicles, only one vehicle will fire at a time. The team will then consolidate and reorganize as appropriate in order to continue mission. Safety will remain a priority throughout the training and the overseeing commander will stop training immediately upon witnessing any unsafe act.

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SUBJECT: Memorandum of Instruction for Regimental Reconnaissance Company Immediate Action Drills at the Digital Multipurpose Range Complex (DMPRC).

b. Dismounted Operations: While walking dismounted in a team formation, the teams will take contact from the front, rear, right, or left. In each scenario, the team will have to properly execute the required battle drill, whether that is break contact or assault through. The team will then consolidate and reorganize as appropriate in order to continue mission. Safety will remain a priority throughout the training and the overseeing commander will stop training immediately upon witnessing any unsafe act.

c. Variations to Training: Included within the mounted and dismounted operations are variations to the scenario that may be trained IAW the Team Leaders' desire and the Commander's intent. These scenarios include, but are not limited to, simulated casualty training, transition to strongpoint defense of a building (engagement 4), entering and clearing a room (engagement 4), and mounted track drills (no-fire maneuver training). Each of these scenarios, if trained, will be submitted to Range Operations and approved by the chain of command and Fort Benning Range Operations prior to execution.

## 6. SAFETY PLAN:

a. 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.**

b. 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.

c. 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:

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

d. 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

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SUBJECT: Memorandum of Instruction for Regimental Reconnaissance Company Immediate Action Drills at the Digital Multipurpose Range Complex (DMPRC).

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.

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

f. 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. Additionally, if a grenade does not detonate, EOD will be called to dispose of the dud. Training will not continue until cleared through Range Division Alpha Base. An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL.

g. Ammo Point: The ammo point NCO will control the issue and retrieval of all ammunition. All ammunition (blank, live, HE, TP-T, etc...) will be marked and physically separated within the ammo point (or separate ammo points) and signed by the ammo NCO.

h. Rehearsals: the "Crawl-Walk-Run" method of training will be the standard for all LFX. A detailed leader's range walk will outline all range fans, restrictions, and safety considerations. Day/Night Dry- Fire Exercises will be conducted prior to getting clearance to participate in any live fire exercise. The day phase will be completed prior to the night phase. The live fire exercise will be the same as the dry rehearsals. The dry-fire and the live fire exercise will have dedicated observer/controller teams.

i. Signals: Primary means of signaling emergency cease fire will be voice, air-horn, etc... Alternate signal will be colored smoke/star cluster. All signals will be included in the initial safety briefing. Anyone observing any unsafe act can call for a cease fire.

j. IAW 350-1-2 the principles of safe weapons handling will be followed at all times, during both dry and live fires. Rangers will be aware of their fellow Rangers' positions in relation to their own while engaging targets. Safeties will ensure all movements remain outside of another Ranger's line of fire. Safeties will stop any unsafe or potentially unsafe act. All Rangers will be behind cover before employing a live fragmentation grenade. When using an anti-armor weapon, Rangers will ensure their back blast area is clear before firing. Any incident on the range, either requiring medical attention or not, will be reported to higher headquarters and Range Division Alpha Base immediately. Range Safeties will ensure that Rangers engage only the approved targets from the approved firing positions within the range fan IAW the enclosed weapon/ammo list and enclosed photos.

k. Weapon status: Ammunition will be issued at the ammo point. Weapons will be locked/loaded at the beginning of the exercise and confirmed cleared at the last

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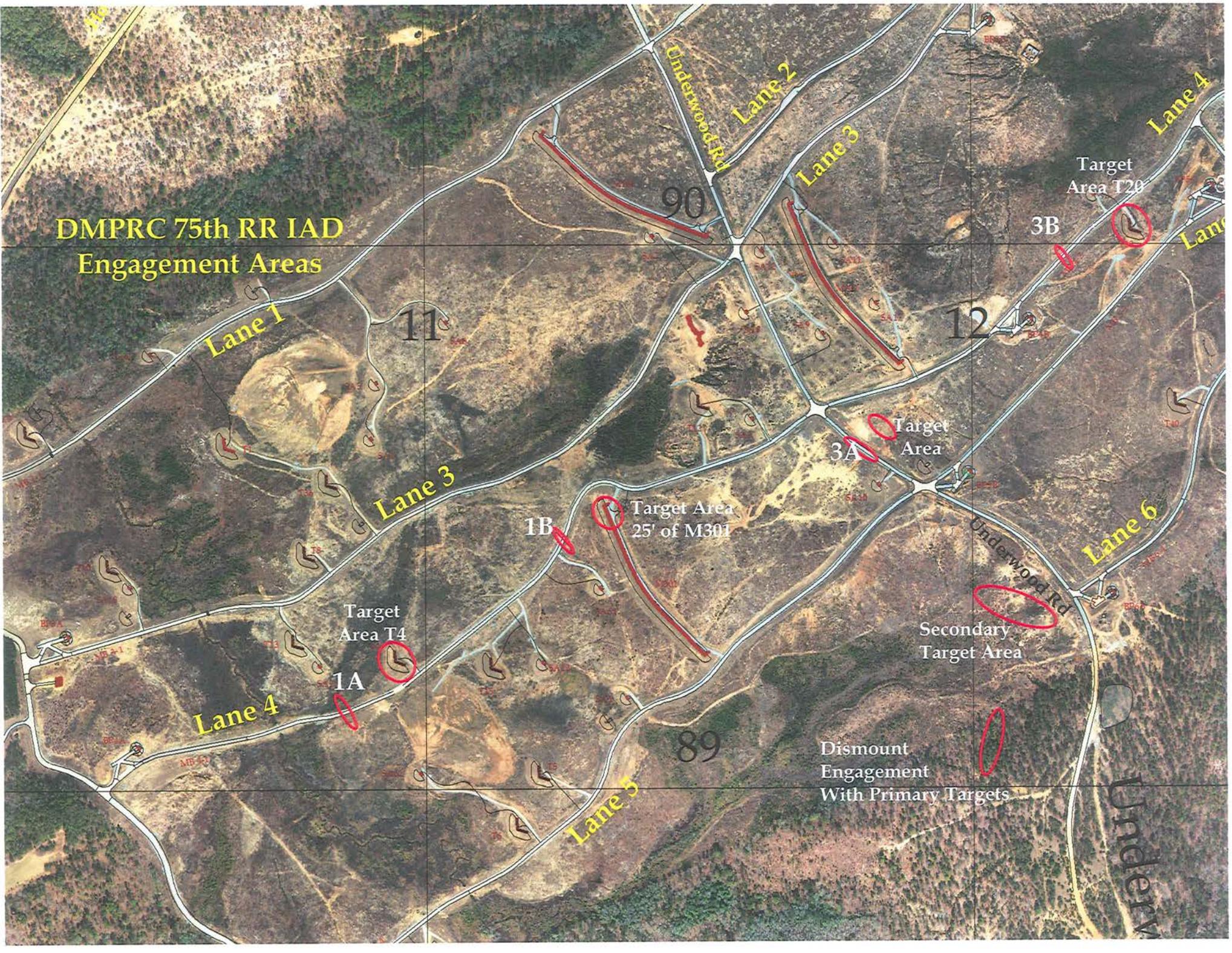
engagement. Weapons will be on safe when not engaging targets. Weapon orientation inside vehicles will be downward.

7. Point of contact for this memo is CPT Will Ryan at 706-545-5114.



JAMES R. SIEBERT  
CPT, IN  
Commanding

**DMPRC 75th RR IAD  
Engagement Areas**



Lane 1

Lane 2

Lane 3

Lane 4

Lane 3

Lane 6

Lane 4

Lane 5

Underwood Rd

Underwood Rd

Underwood Rd

11

12

89

90

Target Area T4

1A

1B

Target Area  
25' of M301

Target Area

3A

Target Area T20

3B

Secondary Target Area

Dismount Engagement  
With Primary Targets

# DMPRC 75th RR IAD Engagement Areas

91

Resaca Road

Resaca Road

Buena Vista Road

Target Area

Target Area T30

2B

2C

Target Area

2A

Lane 1

Lane 1

Lane 2

Lane 3

Underwood Rd

Lane 2

Lane 3

Lane 4

Lane 5

Lane 6

90

Target Area T20

T24

Target Area

T28

3B

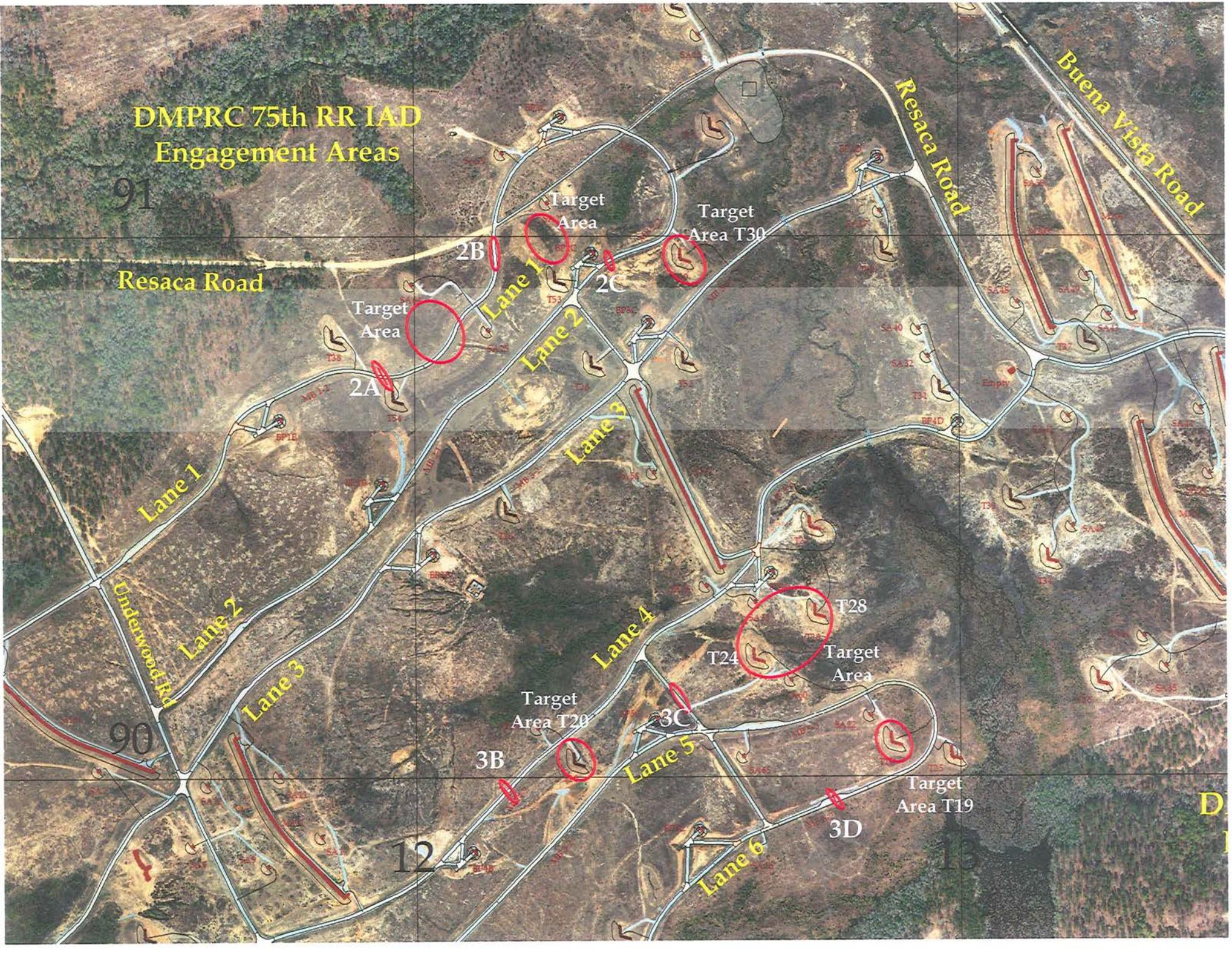
3C

Target Area T19

3D

124

D





**DMPRC 75th RR IAD  
Engagement Areas**

DMPRC, 75th Ranger Regiment IAD Pre Deployment Training (Log #4-31-14) Roadblock List 20 June 2014							
BLOCK	GRID	LOCATION	TYPE	BLOCK	GRID	LOCATION	TYPE
K-2	163 883	Across Box Springs Rd 125m N. of its intersection with Buena Vista Rd.	Gate	K-30	190 890	Across un-named trail on Cactus Range approximately 370m West of Cactus Road.	Gate
K-3	153 894	Across entrance road leading to Concord OP 250m N. of its intersection with Buena Vista Rd.	Gate	K-32	192 915	Across Shamanski Rd 35m W. of its intersection with Cactus Rd.	Gate
K-5	117 920	Across Shamanski Rd 25m N. of its intersection with Buena Vista Rd.	Gate	K-36	162 882	Across Buena Vista Rd 50m W. of its intersection with Box Springs Rd.	Gate
K9	103 921	On Buena Vista Road 50m East of its intersection with Moore Road.	Gate	K-36A	163 882	Across Tank Trail 50m W. of its intersection with Box Springs Rd.	Gate
K9A	107 919	On Tank Trail approximately 220m East of Upatoi Creek.	Gate	K-41	192 944	Across Kennesaw Trail 30m W. of its intersection with Box Springs Rd.	Gate
K10	118 920	Across Buena Vista Rd at K-5 road block.	Gate	K-47	176 963	Across Turrentine Rd 1000m W. of mover 4 on Hastings Range	Gate
K-16A	172 989	Across Rinehart Rd 20m S. of its intersection with the northern boundary range road..	Gate	L-10	110 918	North on Hourglass road South of Buena Vista road 175 meters past tank trail.	Gate
K-16B	171 990	Across un-named trail 20m S. of its intersection with the northern boundary range road.	Gate	D-1	098 878	On Hourglass Road, 700 meters north of 1st Division Road.	Gate
K-28	191 885	Across Whitson Rd 15m W. of its intersection with Cactus Rd.	Gate	D-2	122 887	On Underwood road approximately 900 meters north of Underwood and Plymouth road intersection.	Gate
K29	189 888	Across un-named trail on Cactus Range approximately 290m West of Cactus Road.	Gate				

DMPRC, 75th Ranger Regiment IAD Pre Deployment Training (Log #4-31-14) Roadguard List 20 June 2014					
Guard #1	On Buena Vista Road at 103 921 (K9 roadblock) blocking traffic going East on Buena Vista Road.		Guard #3	On Buena Vista Road at 1628 8822 (K36 Roadblock) blocking traffic going North-West on Buena Vista Road.	
Guard #2	On Hourglass Road at 098 878 (D1 roadblock) blocking traffic going North on Hourglass Road. OIC will coordinate with Mr Cribb (706-626-2678) to inform Guard to allow limited access to the DMPRC Control Center.				

DMPRC, 75th Ranger Regiment IAD Pre Deployment Training (Log #4-31-14) Barrier List 20 June 2014					
Barrier #1	On un-named trail at 1553 8738 blocking traffic going West.		Barrier #2	On un-named trail at 1608 8766 blocking traffic going West.	

## DELIBERATE RISK ASSESSMENT WORKSHEET

<b>1. MISSION/TASK DESCRIPTION</b> TM3/5 IADS, CQM, and Shoot House	<b>2. DATE (DD/MM/YYYY)</b> 18/06/2014
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<b>3. PREPARED BY</b>		
a. Name (Last, First, Middle Initial) SHEYNFELD, OLEG Y.	b. Rank/Grade ILT	c. Duty Title/Position OPERATIONS OFFICER
d. Unit RRC, RSTB, 75TH RANGER REGIMENT	e. Work Email oleg.sheynfeld@75rr.soc.smil.mil	f. Telephone (DSN/Commercial (Include Area Code)) RED: 545-0007
g. UIC/CIN (as required) WJP8A0	h. Training Support/Lesson Plan or OPORD (as required)	i. Signature of Preparer 

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

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
1) IADs	Fratricide due to fire and maneuver while conducting IADs.	<b>H</b>	All Rangers must certify during dry fire under the same conditions as the LFX before conducting the live iteration. Once certified,	How: Safety Brief, Dry/Blank Runs Who: OIC/RSO/Medic NCOIC	<b>M</b>
			positions, targets, and sequences will not change. Any change requires re-certification. A 15-degree minimum safe	How: Permanent positioning of targets. Who: OIC/RSO/Medic NCOIC	
			distance (CG Waiver) will be enforced for all direct fire weapon systems. Rangers will use weapons for which they are	How: Staged CASEVAC vehicle Who: OIC/RSO/Medic NCOIC	
			qualified. A detailed safety brief will be given to all Rangers with emphasis on weapons awareness. Weapons will be on safe when not	How: RRC Medic On-Site Who: OIC/RSO/Medic NCOIC	
			engaging targets. Training will comply with all regulations, Regimental SOPs, and policy letters. OIC/RSO will move with	How: Range Walk Through Who: OIC/RSO/Medic NCOIC	

Additional entries for Items 5 through 9 are provided on page 2.

<b>10. OVERALL RESIDUAL RISK LEVEL (All controls implemented):</b> <input type="checkbox"/> EXTREMELY HIGH <input type="checkbox"/> HIGH <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> LOW
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**11. OVERALL SUPERVISION PLAN AND RECOMMENDED COURSE OF ACTION**

All Rangers can act as safeties. If RSO, OIC or any Ranger identifies an unsafe act, they may call a cease fire. The RSO and OIC will be ultimately in charge and at least one will be present with the firing line or the individual in the shooting lane. If the RSO or OIC is not present, no firing will be conducted. All Rangers will come to the line with clear weapons. They will be told by the RSO or OIC to lock and load before firing. Upon completion of the firing iteration, all shooters will lock and clear their weapons and face down range until the RSO or OIC visually inspects their weapon. When their weapons have been inspected, they will then be clear to move off of the firing line.

<b>12. APPROVAL OR DISAPPROVAL OF MISSION OR TASK</b> <input type="checkbox"/> APPROVE <input type="checkbox"/> DISAPPROVE			
a. Name (Last, First, Middle Initial) MCGEE, SEAN P.	b. Rank/Grade MAJ	c. Duty Title/Position BATTALION COMMANDER	d. Signature of Approval Authority 

e. Additional Guidance:
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## DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
			the element conducting the LFX . A Range qualified OIC and RSO will operate the range REG 350-19. A medic will be on site with a	How: Who:	
			CASEVAC vehicle at all times during LFX. Rangers will wear MICH, RBA, gloves and eye protection. Target placement and	How: Who:	
			sequence of events will not be altered while transitioning from day to night LFX. Dry certification will be conducted at night prior to the	How: Who:	
			live iteration.	How: Who:	
2) INJURIES WHILE CONDUCTING LANES	Injury due to negligent discharge.	<b>H</b>	Weapons awareness will be emphasized during the range safety brief. Weapons will be on safe at all times when not engaging targets.	How: Safety Brief, Fire Commands Who: OIC/RSO/TL/ATL	<b>M</b>
			Rangers will lock and load only when told to do so by the OIC/RSO. All weapons will be cleared on and off the lanes. No one will be	How: Who:	
			downrange while Rangers are handling weapons. Rangers will only use weapons for which they are qualified. Static Range	How: Who:	
			qualification will be conducted prior to IADs training.	How: Who:	
	Injury due to the use of nonstandard vehicles during mounted IADs training.	<b>H</b>	Teams will have time to train on the vehicles prior to the live fire exercise. Teams will execute dry rehearsals while vehicles are	How: Safety Brief, Vehicle Inspection Who: OIC/RSO/TL/ATL	<b>M</b>
			static and while the vehicles are in motion. This training will act as a validation and means to solidify SOP's. Furthermore, the Teams will	How: Dry Run with vehicles Who: OIC/RSO/TL/ATL	
			validate the live fire dry before using live ammunition.	How: Who:	
	Ranger injured by smoke or grenade simulator.	<b>M</b>	All ammunition will be inspected prior to use to ensure that it is serviceable. Rangers will receive training on the proper use of any	How: Safety Brief, Ammo Inspection Who: OIC/RSO/TL/ATL	<b>L</b>
			training aids used. Rangers will wear eye and ear protection. Rangers will stay upwind of smoke or move out of smoke clouds.	How: Who:	
			Smoke and grenade simulators will be used during mounted and dismounted IADs lanes.	How: Who:	

## DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
	Injury due to round ricochet during IAD lanes.	M	RSO will give a detailed safety brief, which will include the specific left and right limits of the range fan. RSO will inspect the	How: Safety Brief, Site Inspection by RSO Who: OIC/RSO/TL/ATL	L
			site and identify any areas where there could be a potential ricochet and identify it to the team. Soldiers' uniforms will include all	How:  Who:	
			proper PPE. Rangers will identify potential ricochet hazards while conducting dry runs prior to going live.	How:  Who:	
	Hearing loss while conducting LFX or demolitions training.	M	All Rangers will be wearing hearing protection at the range. The medic on site will have additional ear plugs available for use.	How: Safety Brief, Extra Ear Protection Who: OIC/RSO/Medic NCOIC	L
	Injuries due to live rounds used during dry fire iterations.	M	Detailed in the safety brief. RSO will inspect magazines prior to dry fire iterations, looking for live rounds and will use white light at	How: Safety Brief, RSO Supervises Who: OIC/RSO	L
			night to ensure the same. Only the RSO and OIC will be allowed to secure magazines found on the ground during the lane.	How:  Who:	
	Minor bodily injury (cut or fall) while conducting IADs.	L	Rangers will receive safety brief about the terrain. Leaders will identify any hazards on the lane. Rangers will maintain situational	How: Safety Brief, Site Inspection Who: OIC/RSO	L
			and muzzle awareness while on the range.	How:  Who:	
	Hot or cold weather injuries.	M	Rangers will conduct all training IAW USASOC REG 385-1. Rangers are hydrated before, during, and after training. Rangers	How: RSO ensures food and water on site Who: OIC/RSO/ TL/ All Rangers	L
			will eat all meals and observe a proper work to rest ratio for the climate conditions. Leaders and buddies will monitor for heat-cold	How: TL/OIC/RSO monitor all Rangers Who:	
			symptoms. Rangers will wear proper clothing for the climate conditions.	How:  Who:	
	Severe weather (storms, lightning, tornadoes).	L	Leaders will monitor all nets for storm warnings. In case of a storm warning involving lightning, Rangers will be sent to a dispersal	How:  Who:	L
			area away from any tall trees, structures, and metal. Radios will be turned off. In the event of extreme weather, the unit will clear	How: Safety Brief, Maintain comms with Who: OIC/RSO	
			the training area and move to a safer location.	How: Alpha Base Who:	

## DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
	Insect /animal bites or stings.	L	Medical personnel on site will administer first aid to anyone that may be a victim of bites or stings. Rangers will be instructed not to disturb wildlife.	How: Medic w/ proper medication Who: Medic/OIC/RSO/All Rangers	L
				How:  Who:	
	Injury due to failure to adhere to controls identified in RMWS and LFX Policy #7.	H	OIC and RSO will have read and adhere to this RMWS and RCOs Policy Letter #7 (LFXs). RSO will utilize this RMWS and	How: Read RMWS & Policy Letter 7 Who: OIC/RSO	M
			Policy Letter while conducting the safety brief.	How:  Who:	
3) CLAYMORE MINE EMBLACEMENT	Inproper emplacement of M18 Claymore mine.	H	All team members will take part in a M18 familiarization before training to ensure everyone understands employment. Prior to	How: Master Breacher/Cadre led practical Who: Master Breacher/Cadre	M
			using any munitions on IAD lanes, all Rangers observe a claymore mine detonate in a training environment.	How:  Who:	
	Explosion and fragmentation from mine.	H	All team members will be in the proper range uniform when employing the claymore which includes eye protection,	How: Safety Brief/OIC moves with team Who: OIC/RSO/All Rangers	M
			ear protection, and helmet. Body armor will be worn unless conducting rucksack movements, and in that case, all team members	How:  Who:	
			will have cover or defilade prior to the claymore being detonated. The minimum safe distance will be observed which is 50m when the	How:  Who:	
			Claymore has been tamped on the back side of a tree or other object large enough to stop rearward shrapnel. If the Claymore is placed	How:  Who:	
			in the open, all team members will be in the prone positions at a distance of 100m from the mine prior to detonation.	How:  Who:	
	Dud procedures.	M	All mines will be dual initiated using time fuse cut to a predetermined length of time to eliminate the chance of a misfire	How: Safety Brief/RSO Supervise Who: RSO/EOD	L
			from a faulty initiator. The master breacher will carry additional detonators and explosives to deal with un-exploded mines.	How:  Who:	
4) ANTI-TANK WEAPON EMPLOYMENT	Back blast area injuries.	M	Prior to employment of weapon system all Rangers will ensure clearance of back blast area of hazards and personnel.	How: Safety Brief/"Back blast area clear" Who: OIC/RSO/Gunners	

## DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
	M67 Fragmentation grenades. Explosion and shrapnel.	II	O/C walks with the Rangers to ensure the safe employment of fragmentation grenade. Rangers will ensure clear overhead path and	How: Safety Brief/ O/C walk with TM Who: OIC/RSO/CO/1SG	M
			and consider ground slope before throwing. Rangers will not "cook-off" grenades in a training environment. Rangers will have	How: Who:	
			cover during employment of M67 and wear all appropriate PPE. M67 grenades will be stowed in appropriate pouches on kit.	How: Who:	
	Steel Targets. Shrapnel (backsplash).	M	Steel targets will not be engaged closer than 10 meters with pistol, 100 meters with 5.56mm and 150. meters with 7.62mm ammunition	How: Range Walk Prior to Execution Who: OIC/RSO	L
5) CQM	Injury due to negligent discharge.	M	RSO will maintain control of the firing line. All Rangers will conduct dry fire exercises prior to going live. Weapons will be	How: Safety Brief. RSO/OIC oversight Who: RSO/OIC	L
			pointed in a safe direction at all times. Weapons will be cleared and inspected prior to leaving the firing line. Weapon's safety will	How: Who:	
			be emphasized before and during the training.	How: Who:	
	Hearing Damage / loss of eyesight.	M	All participants will wear hearing protection. Approved ballistic glasses only will be worn the entire time.	How: Safety Brief / RSO inspection Who: RSO/OIC	L
	Injury due to round ricochet from steel target.	M	All steel will not be engaged closer than 10 meters with pistols, 100 meters with 5.56mm and 150. meters with 7.62mm ammunition.	How: Range walk prior to shooting Who: RSO/OIC	L
			deflect rounds away from the individuals shooting and mitigate bullet fragments from coming directly back at the shooters	How: Who:	
			RSO and OIC will reinspect the range / lane setup prior to going live.	How: Who:	
	Minor bodily injury.	M	Rangers will wear long pants and knee pads when applicable and wear the proper PPE during all shooting scenarios. RSO and OIC	How: Safety Brief and range walk Who: OIC/RSO	L
			will conduct a range walk prior to commencing training.	How: Who:	
				How: Who:	

## DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
6) SHOOT HOUSE	Fratricide due to fire and maneuver.	<b>H</b>	All Rangers must certify during dry fire under the same conditions as the LFX before being allowed to conduct the LFX. This means that	How: Safety brief, dry validation Who: OIC/RSO/ O/C	<b>M</b>
			Rangers will certify in TM positions before executing the LFX. If a Ranger changes positions in the TM, that TM will recertify. One	How: Targets validated, remain the same Who: OIC/RSO/ O/C	
			meter off end of barrel safe distance will be enforced for all direct fire weapon systems. Rangers will only use weapons they are qualified on.	How:  Who:	
			A detailed safety brief will be given to all Rangers with emphasis on weapon awareness. Weapons will be placed on safe at all times	How:  Who:	
			when not engaging targets. All Regimental SOP's on the LFX will be enforced. OIC/RSO will move with the element conducting the	How:  Who:	
			LFX. A Range qualified OIC and RSO will operate the range IAW FB REG 350-19. A medic will be on site with a CASEVAC vehicle at all	How:  Who:	
			times during LFX. Finally, targets, doors, and furniture will be emplaced with the "hot wall" concept during all usage of and all	How:  Who:	
			Rangers will wear MICH, RBA, eye and hearing protection.	How:  Who:	
	Negligent discharge.	<b>H</b>	Weapons awareness will be emphasized during the range safety brief. Weapons will be placed on safe when not engaging targets.	How: Safety Brief, Weapon Inspection Who: RSO/All Rangers	<b>M</b>
			Rangers will only use weapons they are qualified on. Rangers will lock and load when told to do so by the OIC/RSO. All weapons will be	How:  Who:	
			locked, cleared, and inspected upon exiting the Shoot House.	How:  Who:	
	Ricochet hazard in shoot house.	<b>H</b>	The Shoot House will be checked for ricochet hazards before training. The OIC/RSO will clear any potential ricochet hazards. RBA,	How: Safety Brief, Site Inspection Who: OIC/RSO	<b>M</b>
			MICH, and eye protection will be worn.	How: TLs enforce proper uniform Who: OIC/RSO	
	Hearing loss.		Leaders will ensure that Rangers wear hearing protection or Peltor headsets.	How: Safety Brief, Extra Ear Protection Who: OIC/RSO	

## DELIBERATE RISK ASSESSMENT WORKSHEET

4. SUBTASK/SUBSTEP OF MISSION/TASK	5. HAZARD	6. INITIAL RISK LEVEL	7. CONTROL	8. HOW TO IMPLEMENT/ WHO WILL IMPLEMENT	9. RESIDUAL RISK LEVEL
	Injuries from flashbang detonation	M	All personnel will wear appropriate PPE to avoid hearing damage from flashbang. Appropriate throwing technique (breaking the door) will	How: Brief and supervise all use o Who: OIC/RSO O/C	L
			ensure that the flashbang doesn't roll back to TM. TM will not change hands after pulling the pin on the flashbang. Flashbangs	How:  Who:	
			will only be stowed in appropriate equipment pouches on kit.	How:  Who:	
	Vehicle accidents during mounted IADs to include rollovers and wrecks.	L	All personnel will conduct rollover drills within the vehicle prior to the start of mounted IADs training. Additionally soldiers will not	How: Safety brief & rollover drills Who: OIC/RSO, Team Leaders	L
			drive the vehicles in excess of 30 MPH during the training event. The TLs will ensure that all team members have current military	How:  Who:	
			drivers licenses and have completed the mandatory Army Accident Avoidance Course.	How:  Who:	
				How:  Who:	

## DELIBERATE RISK ASSESSMENT WORKSHEET

<b>Risk Assessment Matrix</b>		<b>Probability (expected frequency)</b>				
		Frequent: Continuous, regular, or inevitable occurrences	Likely: Several or numerous occurrences	Occasional: Sporadic or intermittent occurrences	Seldom: Infrequent occurrences	Unlikely: Possible occurrences but improbable
<b>Severity (expected consequence)</b>		A	B	C	D	E
<b>Catastrophic:</b> <i>Death, unacceptable loss or damage, mission failure, or unit readiness eliminated</i>	I	EH	EH	H	H	M
<b>Critical:</b> <i>Severe injury, illness, loss, or damage; significantly degraded unit readiness or mission capability</i>	II	EH	H	H	M	L
<b>Moderate:</b> <i>Minor injury, illness, loss, or damage; somewhat degraded unit readiness or mission capability</i>	III	H	M	M	L	L
<b>Negligible:</b> <i>Minimal injury, loss, or damage; little or no impact to unit readiness or mission capability</i>	IV	M	L	L	L	L

**Legend:**

EH – extremely high risk    H – high risk    M – medium risk    L – low risk

**13. RISK ASSESSMENT REVIEW (Required when assessment applies to ongoing operations or activities)**

a. Date	b. Last Name	c. Rank/Grade	d. Duty Title/Position	e. Signature of Reviewer

**14. FEEDBACK AND LESSONS LEARNED**

**15. ADDITIONAL COMMENTS OR REMARKS**

**Instructions for Completing DD Form 2977, "Deliberate Risk Assessment Worksheet"**

<p><b>1. Mission/Task Description:</b> Briefly describe the overall Mission or Task for which the deliberate risk assessment is being conducted.</p>	<p><b>10. Overall Risk After Controls are Implemented:</b> Assign an overall residual risk level. This is the highest residual risk level (from block 9).</p>
<p><b>2. Date (DD/MM/YYYY):</b> Self Explanatory.</p>	<p><b>11. Supervision Plan and Recommended Course of Action:</b> Completed by preparer. Identify specific tasks and levels of responsibility for supervisory personnel and provide the decision authority with a recommend course of action for approval or disapproval based upon the overall risk assessment.</p>
<p><b>3. Prepared By:</b> Information provided by the individual conducting the deliberate risk assessment for the operation or training . <b>Legend:</b> UIC = Unit Identification Code; CIN = Course ID Number; OPORD = operation order; DSN = defense switched network; COMM = commercial</p>	<p><b>12. Approval/Disapproval of Mission/Task:</b> Risk approval authority approves or disapproves the mission or task based on the overall risk assessment, including controls, residual risk level, and supervision plan. Space provided for authority to provide additional guidance; use continuation page if needed.</p>
<p><b>4. Sub-task/Sub-Step of Mission/Task:</b> Briefly describe all subtasks or substeps that warrant risk management.</p>	<p><b>13. Risk Assessment Review:</b> Should be conducted on a regular basis. Reviewers should have sufficient oversight of the mission or activity and controls to provide valid input on changes or adjustments needed. If the residual risk rises above the level already approved, operations should cease until the appropriate approval authority is contacted and approves continued operations.</p>
<p><b>5. Hazard:</b> Specify hazards related to the subtask in block 4.</p>	<p><b>14. Feedback and Lessons Learned:</b> Provide specific input on the effectiveness of risk controls and their contribution to mission success or failure. Include recommendations for new or revised controls, practicable solutions, or alternate actions. Submit and brief valid lessons learned as necessary to persons affected.</p>
<p><b>6. Initial Risk Level:</b> Determine probability and severity. Using the risk assessment matrix (page 3), determine level of risk for each hazard specified. probability, severity and associated Risk Level; enter level into column.</p>	<p><b>15. Additional Comments or Remarks:</b> Preparer provides additional comments, remarks, or information to support the risk assessment. If block 15 is used as a continuation of block 14, strike through the block number and title.</p>
<p><b>7. Control:</b> Enter risk mitigation resources/controls identified to abate or reduce risk relevant to the hazard identified in block 5.</p>	<p><b>Additional Guidance:</b> Block 4-9 continuance page may be reproduced as necessary for processing of all subtasks/ substeps of the mission/task. If a complete page is not utilized, write "NOTHING FOLLOWS" on the first unused row, immediately after the final item assessed.</p>
<p><b>9. Residual Risk Level:</b> After controls are implemented, determine resulting probability, severity, and residual risk level.</p>	



United States Department of the Interior  
**Fish and Wildlife Service**  
105 West Park Drive, Suite D  
Athens, Georgia 30606

West Georgia Sub Office  
P.O. Box 52560  
Ft. Benning, Georgia 31995-2560

Coastal Sub Office  
4980 Wildlife Dr.  
Townsend, Georgia 31331

June 27, 2014

Mr. John Brent  
Chief, Environmental Management Division  
Headquarters United States Army Infantry Center  
Fort Benning, GA 31905-5000

Re: FWS Log 2014-I-1075 0715  
DMPRC modification

Dear Mr. Brent,

The U.S. Fish and Wildlife Service (Service) has reviewed your June 27, 2014, letter proposing a training modification on the digital multi-purpose range complex. Our comments are provided in accordance with the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*) and section 7(a)(2) of the Endangered Species Act of 1973 (ESA), as amended (16 U.S.C. 1531 *et seq.*) relative to the federal endangered red-cockaded woodpecker. Based on the information provided, the requirements of the ESA have been fulfilled relative to this one-time action, and no further consultation is necessary. However, Fort Benning's obligations under section 7 of the ESA must be reconsidered if (1) new information reveals that the proposed project may affect listed species in a manner or to an extent not previously considered, (2) the proposed project is subsequently modified to include activities which were not considered during this consultation; or (3) new species are listed or critical habitat designated that might be affected by the proposed project.

If you have any questions, comments or require additional information regarding this letter, please contact John Doresky at (706) 544-6030.

Sincerely,

  
Don Imm  
Field Supervisor



United States Department of the Interior  
**Fish and Wildlife Service**  
105 West Park Drive, Suite D  
Athens, Georgia 30606

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P.O. Box 52560  
Ft. Benning, Georgia 31995-2560

Coastal Sub Office  
4980 Wildlife Dr.  
Townsend, Georgia 31331

June 27, 2014

Mr. John Brent  
Chief, Environmental Management Division  
Headquarters United States Army Infantry Center  
Fort Benning, GA 31905-5000

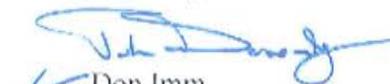
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Sincerely,

  
Don Imm  
Field Supervisor



# RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



**Date Submitted:** 6/11/2014

**EMD Number:** 1416204

**Project#:** Unknown

**Project Title:** Individual Action Drill

**Description of proposed action:**

Maneuver Range using vehicles and dismounted maneuver. Existing target will be used as well as popsicle targets. Ammunition used: G881, M67 Grenade, A131, 7.62mm 4/1 Ball 5.56mm ball, 7.62mm ball (M118LR), 300 WinMag, 9mm ball, 40 cal ball, 12ga Hatton, M69 Practice grenade with fuse, Smoke grenades, M18A1 Claymore, 40mm TPT, Stun grenade. We will be training in the training / impact area, as well as 100 m in the southern wood line. We had the DMPRC biologist attend our range walk and we are not in the boundaries of the woodpecker cluster.

**Project Location:**

DMPRC

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

N/A

**Number of Personnel:**

None

**Type of Ammunition:**

See above description

**Number/Types of Trees:**

None

**Size of Project Area:**

**Duration of Action:** Start: 8/1/2014 Stop: 9/30/2014

**Proponent:** Iarsone

706-545-0785

**Organization/Unit:** RSTB / 75h Ranger Regiment

**Number/Types of Vehicles:**

Vehicles: ATV, LTATV, & Civilian Rental Cars

**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."

**This specific type of IAD (training) will be a one-time occurrence for 2014 on the DMPRC.**

**Natural Resources RCW - BRAC Conditions:**

Jonathan Neufeldt (706 544 7705), 6/30/2014

Concurrence from USFWS via informal consultation letter was received. This specific type of IAD (training) will be a one-time occurrence for 2014 on the DMPRC. If training changes with respect to the reasons for consulting with the USFWS, re-consultation will be necessary.

**Air Management Programs Conditions:**

Tannis Danley (706 545 1298), 6/18/2014

This is necessary training that should be conducted however, with the use of Smoke generators, Smoke Grenades, C/S gas, portable power generators, and smoke pots, special considerations apply to the compartment boundary locations as not to let smoke or gas travel into adjacent communities or roadways both on and off the Installation. Range safety should be informed and utilized for managing training with smoke/gas devices as weather conditions can change hourly. It is important to consult MCoE Regulation 350-19 prior to training activity. Please review particular training restrictions found in section 5-20 of the Regulation. If you need assistance feel free to contact the Air Quality Program, shannon.t.danley.ctr@mail.mil or call 706 545-1298.

**Noise Conditions:**

Ellis Leeder (706 545 2400), 6/13/2014

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. This 144r must be present at the training site when occupying compartment or ranges.

EMD Number: 1416204

IJO# Unknown

Project Title: Individual Action Drill

Cultural Resources - Archeological      None

Edward Howard (706 545 1898), 6/13/2014

Hazardous Materials/Waste      Conditions:

Carlos Ariasochoa (706 545 1857), 6/12/2014

**Considerations for Field Training Exercises**

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.

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 Chapter 14. Contain and clean up any spill according to guidance provided by the Environmental Programs Management Branch. EPMB provides an 8 hours course covering Hazardous Materials/Waste Management, Hazardous Waste Minimization, Safety, and Pollution Prevention.

Natural Resources - RCW      Conditions:

Michael Barron (706 544 7080), 6/11/2014

See comments from Jonathan Neufeldt

CWA - Training

Conditions:

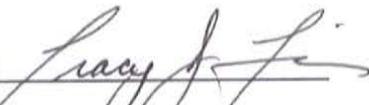
Leah Ropski (706 626 0492), 6/11/2014

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

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

**Training - Minor Land Disturbance:** Good housekeeping measures should be implemented to control soil erosion; reduce the amount of pollution in runoff, and to prevent or minimize pollution of storm water within this training compartment. All land disturbance activities should be limited to areas already disturbed if possible. Recommended distance of approximately 50 (17 meters) from any water source.

Signature   
John E Brown  
NEPA Program Manager

Date 30 JUN 2014

Signature 

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EPMB Chief

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## Example Unit/Activity SOP for Training and Deployment

### Introduction

This SOP is divided into two main sections: PREVENTION & RESPONSE. The following sections will assist you in planning your environmental activities while bedding down, initiating, sustaining and conducting field exercises, and/or during deployment. Before you deploy, ensure you are familiar with the following:

### What Are Hazardous Materials and Hazardous Wastes

Hazardous Materials are defined as any material that may be a health or physical hazard, or any material that, based on either chemical or physical characteristics, is capable of posing a risk to human health or the environment if improperly disposed of, handled, stored, or transported. Chemical and physical characteristics that may pose a risk to human health or the environment include, but not limited to, one of the following characteristics: Ignitable; Corrosive; Reactive and/or Toxic.

Hazardous Waste: is defined as any discarded material (solid, liquid or gas) that:

1. Has no further value and cannot be reused or recycled;
2. Is harmful to human health or the environment due to its quantity, concentration, biological, chemical or physical characteristics; and/or
3. Exhibits one or more of the characteristics as described for Hazardous Material.

Contaminated or unusable fuel is a typical hazardous material/hazardous waste common to training and deployment operations and should be handled, stored, and disposed of properly.

**Ten of the most common hazardous materials/hazardous wastes** that you will encounter during training and or deployment operations include:

- Fuel
- Engine Oil
- Bleach or DS-2
- Solvent
- Anti-Freeze
- Transmission Fluid
- Used Oil Filters or Batteries
- Empty POL Containers
- Brake Fluid
- Grease.

These materials should be handled, stored and disposed of properly.

**SPILL KITS:** Spill kits should be maintained in and around all locations where hazardous materials/hazardous wastes are stored, handled, or disposed. Various types of kits may be ordered through the U.S. Army Supply System and include: rubber gloves, safety goggles, putty, rubber mallet, wooden plugs, absorbent booms, absorbent pads, plastic bags, and in some cases, a disposal barrel.

**SPILL PREPARATION:** Despite the best prevention, you may run into difficulties and an accident may occur when you least expect it. To minimize contamination, hazards to people, and environmental damage, you must REACT immediately. To help you prepare, this SOP will tell you:

- **HOW to PLAN** and be ready to respond to a problem;
- **HOW to REACT** to a minor, intermediate or major spill; and
- **WHAT** to do after a spill occurs.

## Planning

### MINOR SPILLS

- When on the move, keep some plastic bags in your vehicle, and have your assigned On-Vehicle Equipment (OVE) ready for use.
- Maintain supplies, rags, absorbent pads, or other kinds of materials that will soak up spills on hard surfaces (like Dry Sweep), or know where you can easily obtain them.
- Keep Personal Protective Equipment (PPE) accessible (gloves, goggles, etc.).

### INTERMEDIATE & MAJOR SPILLS

In addition to the procedures above:

- Know where to go for help.
- Know where spill kits are kept and learn how to use them.

## Prevention

Vehicle Maintenance and Fueling Points, Hazardous Waste Collection Points and hazardous material Storage & Supply Areas may not be set up at your deployment destination. So PLAN to build your areas to prevent hazardous material accidents before they occur. Remember the following:

HAZARDOUS MATERIAL/HAZARDOUS WASTE AREA LOCATION - Locate hazardous material/hazardous waste areas away from living areas, bunkers, ammunition storage, fence lines and/or dining facilities. Place them near the areas where hazardous material are used.

MATERIAL SAFETY DATA SHEET (MSDS) - Keep MSDSs for each hazardous material stored or collected at hazardous material/hazardous waste areas.

UNIT/ACTIVITY ENVIRONMENTAL SOP & SPILL RESPONSE PLAN - Place SOP and Spill Response Plan at each hazardous material/hazardous waste area.

COMPATIBILITY OF MATERIALS - Store and/or dispose of each class of hazardous material/hazardous waste separately. MSDSs describe the classification of HMs. Four common classification include the following: Flammable (fuels), Corrosives (acids), Reactive (explosives), and Toxic (insecticides).

BEFORE you deploy, plan to pack drip pans, rags, plastic, Dry Sweep, absorbent, and spill pallets to prevent drips, spills, and leaks from seeping into the ground and contaminating soil and water resources.

SECONDARY CONTAINMENT - All liquid hazardous material/hazardous waste must have secondary containment. In order for it to be effective it must:

1. Hold 10% of the total hazardous material/hazardous waste stored or 100% of the largest container.
2. Have sand and/or pallets placed in certain areas to protect the liner.
3. Have overhead cover.

You should continually keep your hazardous material/hazardous waste areas clean and orderly by applying the principals of Monitoring and Housekeeping. An easy way to remember what to check, is

to remember your **CHECK** list:

### **Containment:**

\_\_\_ Ensure that secondary containment is used and in good condition.

\_\_\_ Empty water within secondary containment on a regular basis and dispose of it as hazardous waste at the Hazardous Waste Collection Point.

### **Hazardous Material/Hazardous Waste locations:**

\_\_\_ Make sure the locations of your hazardous material/**hazardous waste** are well chosen.

\_\_\_ Put up warning signs and keep them clean and orderly.

### **Environmental Documentation:**

\_\_\_ **Maintain MSDSs for each hazardous material and update Unit/Activity SOPs and Spill Response Plans regularly.**

### **Containers:**

\_\_\_ Check condition of containers and keep containers of incompatible materials in proper order.

### **Kits:**

\_\_\_ Place Spill Kits, First Aid Kits, and Emergency Response Kits in the vicinity of the hazardous material/hazardous waste areas.

See Appendix D of the ASP for specific CHECKlists for areas such as: Vehicle Fueling & Maintenance Areas; Hazardous Waste Collection Points; and Hazardous Material Supply & Storage Areas.

## **Response**

Be prepared to respond immediately to any spill situation. Keep your Environmental SOP and Spill Response Plan (SRP) readily available at the main hazardous material/hazardous waste areas. The SRP should ensure that the following measures are implemented:

- PERSONAL PROTECTIVE EQUIPMENT (PPE) - At the entrance of every hazardous material/hazardous waste area, keep a supply of PPE to protect hands, eyes, skin, ears, head, feet, and lungs. If you are unsure about which items you need, consult the MSDS for the HMs that you are using.
- MSDS - Make sure that MSDSs are available in order to REACT to spills safely and effectively.
- SPILL STATIONS - Maintain spill response equipment at a station near (not inside of) hazardous material/hazardous waste areas. They should contain: First Aid Kits, Fire Extinguishers, Spill Response Kits, and Emergency PPE.
- TRAINING - Improve your readiness by practicing the SPILL DRILL on a regular basis, and be sure to know the spill reporting process.

Respond to spills, major or minor, immediately in order to eliminate hazards that could cause personal injury and/or environmental damage. If assistance is required, or spill/release is major, immediately call **911** or the **Fort Benning Military Police (MP) Desk**.

In any spill situation:

1. Safety First! -- Protect yourself by using PPE, including goggles, gloves, and suits. THEN...
2. Do the SPILL DRILL -- **REACT**:

**REMOVE THE SOURCE:** Plug the drip or leak and stop the spill.

**ENVELOP THE SPILL:** Place absorbent booms around the spill area, or build an earthen dam, when appropriate, around the spill.

**ABSORB/ACCUMULATE:** Place appropriate absorbent material (Dry Sweep, pads, etc.) on the spill in the middle of the boomed-off area.

**CONTAINERIZE THE HAZARDOUS WASTE:** Use a shovel to place contaminated materials (including soil, booms, pads or other materials) in a plastic bag or a waste drum.

**TRANSMIT A REPORT:** If a spill is too large to handle alone, - REACT as best you can and get help!

See Appendix D of the ASP for specific REACT actions for spills involving:

- **Minor Spills** (20 gallons or less);
- **Intermediate Spills** (from 21-55 gallons); and
- **Major Spills** (more than 55 gallons), or any spill into water, where injuries occurred or where spills occurred off Fort Benning associated property.

In addition:

- Prevent hazardous material from entering storm sewers and waterways;
- Minimize impacts to vegetation and wildlife; and
- Notify proper personnel and maintain record of spill event.

**Acronyms are defined in the ASP Table of Content**

APPENDIX H

# Spill Kits and Response Material Checklists

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**Summary Spill Kit and Response Material Checklist**

**Recommended Spill Kits for Unit/Activity Motor Pools, Aircraft Hanger Areas, and all POL Field Sites**

**Recommended Spill Kits for Fuel Carrying Vehicles**

**Recommended Spill Kits for Other Military Vehicles**

**Vehicles Transporting Hazardous Materials other than POL**

<b>Summary Spill Kit and Response Material Checklist</b>	
<b>Spill Kits and Response Material</b>	<b>Primary Contents</b>
<p>Spill kits should be maintained in and around all locations where hazardous material and hazardous waste are stored, handled, or disposed.</p> <p>The contents of a spill kit will vary depending on the hazardous materials and their characteristics.</p> <p>Hazardous materials other than POL will require spill kits to meet their specific requirements, (i.e., acid spill kit for Battery Shop that handles lead acid batteries).</p>	<p><b>Spill kits</b> should include as a minimum:</p> <ul style="list-style-type: none"> <li>✓ Rubber gloves,</li> <li>✓ Safety goggles,</li> <li>✓ Putty, rubber mallet,</li> <li>✓ Wooden plugs,</li> <li>✓ Absorbent booms,</li> <li>✓ Absorbent pads,</li> <li>✓ Plastic bags, and</li> <li>✓ In some cases, a disposal barrel.</li> </ul>
<p>The Unit/Activity must check the material's MSDS for specific information on PPE and spill supplies.</p>	<p>Units/activities <b>transporting hazardous materials</b> should also plan for having a minimum amount of response materials on hand.</p> <ul style="list-style-type: none"> <li>✓ Various types of kits can be ordered through the U.S Army Supply System (through the Units supply or S-4 shop);</li> <li>✓ The Unit/Activity must assess their hazardous material inventory and plan to have enough spill response material to respond to the larger container within their facility and the minimum for any specific hazardous material that require specific spill materials or PPE; and</li> <li>✓ Whenever the Unit gets to this minimum level, the user should initiate a reorder to the supply NCO or S-4 to maintain the minimum amount on-hand.</li> </ul>

**Acronyms are defined in the ASP Table of Contents**

## Recommended Spill Kits for Unit/Activity Motor Pools, Aircraft Hanger Areas, and all POL Field Sites

30-Gallon POL Boom Kit: Absorbs Approx. 40 Gallons  
Polyurethane 2 Rolls  
55-Gallon POL Kit: Absorbs Approx. 40 Gallons  
1 55 Gallon Drum  
2 Bags Absorbent  
6 Booms 2x10  
50 Absorbent Pads  
10 Heavy Duty Trash Bags

### Recommended Spill Kits for Fuel Carrying Vehicles

It's recommended that all fuel carrying vehicles should have a transportation pack spill kit or equivalent spill equipment on board at all times. The following vehicles are considered to be fuel transporting vehicles: HEMITT M971 2500 gallons, Tanker 5000 gallon, M49C 1200 gallon, Tank and Pump unit 600 gallon.

The following is a list of the minimum level of spill equipment recommended to be on hand in all fuel carrying vehicles, especially if they are traveling within the Installation or in a field exercise.

#### Drip Pan

30-Gallon POL Kit: Absorbs Approx. 20 Gallons  
1 30 Gallon Drum  
1 16 pound bag Absorbent  
3 Booms 2x10  
25 Absorbent Pads ~17x19  
5 Heavy Duty Trash Bags  
1 Dust Pan

### Recommended Spill Kits for Other Military Vehicles

Recommended on Vehicle Equipment (OVE) for small spills (usually from vehicle leaks):

1 drip pan  
4-5 absorbent pads  
1-2 plastic bags.

### Additional Materials or Equipment

For each one of these recommended spill kits, the following should be available:

PPE such as: Goggles and Gloves. (2-3 pairs)  
1 Shovel  
2 Labels for wastes  
1 Spill report  
1 Inventory

### Vehicles Transporting Hazardous Materials other than POL

- ✓ Transportation of hazardous materials is regulated under the Department of Transportation. Personnel transporting hazardous materials must follow all DOT requirements.
- ✓ As a preventive measurement, vehicles transporting small amounts of hazardous materials or waste should have a transportation pack spill kit or equivalent spill equipment on board to REACT in the event of an incident.

- ✓ Hazardous Materials other than POL will require spill kits to meet their specific requirements. The Unit/Activity should check the MSDS for the materials that they transport and have appropriate amount for those particular materials.

## Spill Response Record

**PHASE I-IMMEDIATE ACTIONS FOR EVALUATING AND REPORTING SPILLS:**

**IMMEDIATELY REPORT ALL SPILLS TO YOUR SUPERVISOR AND/OR CALL 911 or the Fort Benning Military Police (MP) Desk**

**Spill Emergency Response Beeper: (706) 317-6584 – EMD HAZMAT Response Team**

**\*\*BE PREPARED TO PROVIDE THE FOLLOWING INFORMATION TO THE 911 OPERATOR:**

**During Duty Hours also Call Mr. Felix Seda, EMD Spill Manager at (706) 545-9879**

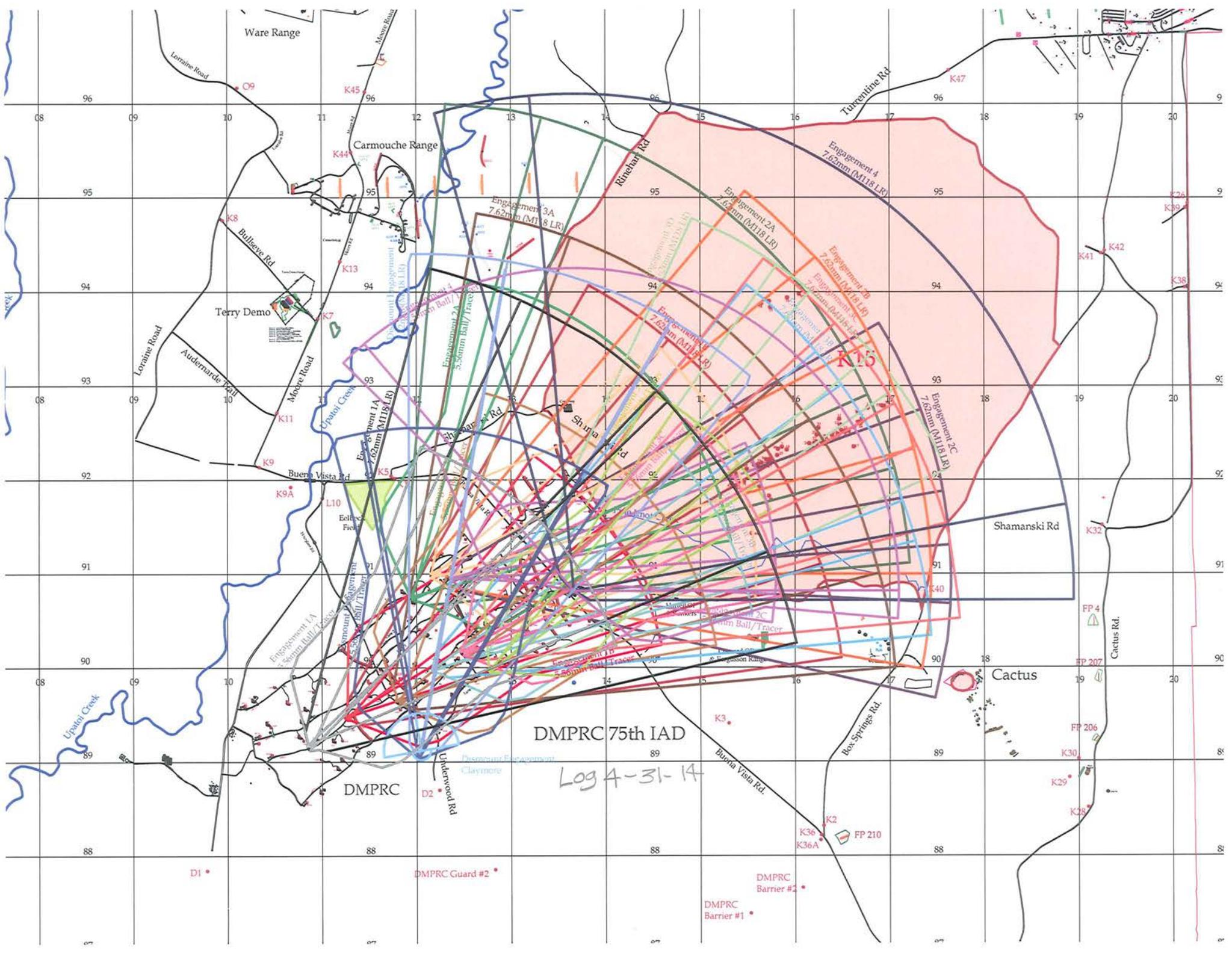
1. DATE/TIME OF SPILL: \_\_\_\_\_ / \_\_\_\_\_
2. LOCATION: \_\_\_\_\_
3. MATERIAL SPILLED (include NSN and ingredients, if able): \_\_\_\_\_
4. HAZARD: FLAMMABLE \_\_\_\_\_ TOXIC \_\_\_\_\_ CORROSIVE \_\_\_\_\_  
OXIDIZER \_\_\_\_\_ REACTIVE \_\_\_\_\_ UNKNOWN \_\_\_\_\_  
OTHER (Specify) \_\_\_\_\_
5. CAUSE OF SPILL: \_\_\_\_\_
6. DESCRIPTION OF SPILL QUANTITY, SIZE AND TYPE OF AREA AFFECTED:
  - a. Quantity Released and Size of Spill Area: \_\_\_\_\_
  - b. Soil: \_\_\_\_\_
  - c. Pavement: \_\_\_\_\_
  - d. Vegetation: \_\_\_\_\_
  - e. Storm of Sewer Drain: \_\_\_\_\_
  - f. Name of body of Water (River, Creek, Pond, Lake, Drainage Ditch): \_\_\_\_\_
7. HAS RELEASE BEEN STOPPED? \_\_\_\_\_
8. HAS RELEASE BEEN CONTAINED? \_\_\_\_\_
9. DID RELEASE CROSS INSTALLATION BOUNDARIES: (IF YES, DESCRIBE LOCATION): \_\_\_\_\_
10. TYPE AND EXTENT OF INJURIES, IF ANY: \_\_\_\_\_

**\*\*Provide a copy of this form to DPW EMD Spill Program Manager or FAX to (706) 545-4209**

**PHASE II — POST-SPILL RESPONSE AND CLEAN UP ACTIONS:**

11. DESCRIBE CLEAN-UP METHOD AND CONTAINMENT PROCEDURES: \_\_\_\_\_
12. NAME OF CONTRACTOR INVOLVED IN CLEAN-UP: \_\_\_\_\_
13. ESTIMATED AMOUNT OF SPILL RESIDUE AND CONTAMINATED MATERIAL REMOVED: \_\_\_\_\_
14. ESTIMATED COST OF CLEAN-UP: \_\_\_\_\_
15. CORRECTIVE ACTION TAKEN OR TO BE TAKEN TO PREVENT FUTURE SIMILAR INCIDENTS: \_\_\_\_\_
16. NAME AND PHONE NUMBER OF PERSONNEL REPORTING SPILL: \_\_\_\_\_

**\*\*KEEP THIS FORM FOR A MINIMUM OF 5 YEARS**



Ware Range

Carmouche Range

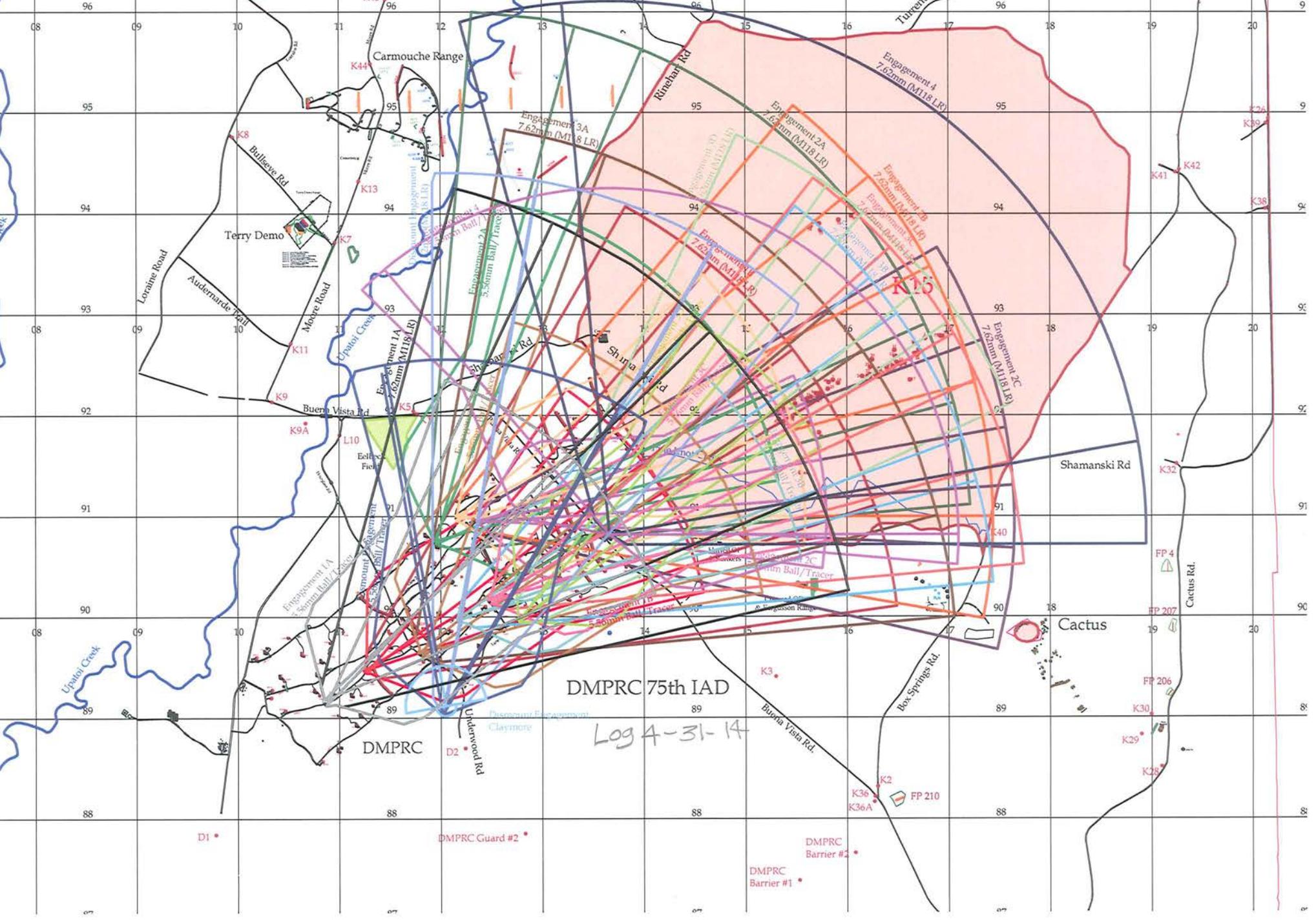
Terry Demo

DMPRC 75th IAD

Log 4-31-14

DMPRC

Cactus



D1

DMPRC Guard #2

DMPRC Barrier #1  
DMPRC Barrier #2

O9

K45

K44

K13

K7

K9A

K9A

K5

D2

K3

K2

K3e

K36A

FP 210

K28

K29

K30

FP 4

FP 207

FP 206

K32

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