

FIRING/NONFIRING DATA

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

TO: Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	Date: 26 Aug 2013 Range: Ware Range Title: OSUT Gunnery Problem No:
THRU: 194th AR BDE S-3	FROM: 5-15 CAV, 194th AR BDE S-3 SQDN Master Gunner

LOG# 8-6-13

SECTION I, TYPE OF TRAINING

a. Live Fire
 b. Non-live Fire
 CP/Controller Coordinates: Tower 0963 9728

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
N/A			

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
See Weapons & Ammo List	See Weapons & Ammo List	See Weapons & Ammo List	See 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: Davis, Michael SFC 	Name/rank of Major Unit S3/Commander: Lichlyter, Daniel MAJ
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SECTION VI, FOR RANGE DIVISION USE

DATE: 4 SEPTEMBER 2013

TO: 5-15 CAV, 194th AR BDE	FROM: Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905
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a. Roadblocks to be closed: b. Road(s) to be closed/road barrier locations: c. Remarks: d. This approval expires: 3 sep 15	SEE ROAD BLOCK ENCLOSURE
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Chief, Range Division
Directorate of Plans, Training, Mobilization and Security

Ware Range, 194th, 5-15 CAV OSUT Gunnery (Log #03-24-11) Weapons/Ammo And Target List

Firing Positions	Weapons	Ammunition	Left Limit, Mils Grid Azimuth	Right Limit, Mils Grid Azimuth
Left 1/3 of Baseline 0968 9735 to 0968 9731	BFV M242 M240C	25mm M793/M910 7.62mm Ball/Tracer	1345 1350	1925 2090
Center 1/3 of Baseline 0968 9731 to 0968 9728	M240B	7.62mm Ball/Tracer	1270	1970
Right 1/3 of Baseline 0968 9728 to 0968 9724	M2	.50 cal Ball/Tracer	1290	1865

Firing Positions	Weapons	Ammunition	Targets
Left 1/3 of Baseline 0968 9735 to 0968 9731	BFV M242 M240C	25mm M793/M910 7.62mm Ball/Tracer	V1 - V25, M1, M2. MIT1 - MIT7 (To Include Adjacent Infantry Pop-ups)
Center 1/3 of Baseline 0968 9731 to 0968 9728	M240B	7.62mm Ball/Tracer	MIT1 - MIT7 (To Include Adjacent Infantry Pop-ups)
Right 1/3 of Baseline 0968 9728 to 0968 9724	M2	.50 cal Ball/Tracer	V1, V3 - V25, M1, M2.



ATZK-BAEZ-F

01 October 2011

MEMORANDUM FOR RANGE CONTROL

SUBJECT: One Station Unit Training Live Fire Gunnery Scenario

1. The following request outlines the request of 5th Squadron 15th Cavalry Regiment to conduct live fire exercises that incorporates six M3A3 Cavalry Fighting Vehicles, four HMMWV's with mounted M2 .50 Caliber machine guns, and eight M240B machine guns fired from the Bipod position. This exercise will be conducted on Ware Range 2 as a part of the 19D POI requirement.

2. Scheme of maneuver:

- A. (Phase 1) Day one of the Gunnery exercise will be a setup day consisting of, movement of Cavalry Fighting Vehicles to the range by HETT, Cadre members will then download the CFV's and move the CFV's to the left side of the Baseline (firing line). The CFV's Hull and Turret will be oriented on the left range fan. All track and bolts will be lubricated, prefire checks, and bore sight procedures will be completed and a green flag will displayed (all clear). The Master Gunner will verify each vehicle on the firing line has completed all steps. If necessary the Master Gunner will conduct live fire training for the cadre members to become certified. The HMMWV's will road march to the range by cadre members and will be placed on the right side of the Baseline (firing line) and the weapon mounts will be prepared and mounted on top of the vehicles. The vehicles will then be secured and a guard force will be emplaced.
- B. (Phase 2) Day two the warriors will be transported to the range via bus and will receive a Safety Briefing and a Conduct of the Range Brief by the RSO. The non firing platoons will be the range support and will begin issuing M2 .50 cal's with spare barrel and M240C's with spare barrel, also placing M240B's on the center of the Baseline (firing line). Ammunition will be broken down and ready for pick up. The firing platoons will assume the proper uniform for the vehicle they will be firing and then file through the ammo pad and receive their ammunition. BFV fires will receive 210 rounds of M793 TP-T and 400 rounds 7.62mm per four fires. M2 and M240B fires will receive one can of .50 cal and one can of 7.62mm. Once the warriors have moved to their firing vehicles the cadre members will instruct and supervise the

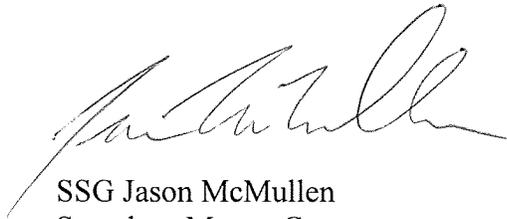
warriors through the loading process. If necessary the CFV's will pivot while keeping the the gun tube up and down range to reach HE upload position and upload the ready boxes then pivot back to the previous position so warriors can enter the turret through the turret door. At this time the range flags will be changed to red and green (ammo on board but not loaded). This will also be the reloading process for the warriors waiting to fire. Once a hot status has been issued, one by one the warriors will cycle through three stations; M2 HB MG, the M240B, and the BFV. The M2 HB MG station will utilize targets MIT6, MIT7, V3, V9, V13, and V14. The M240B station will utilize targets MIT1, MIT2 and MIT5. The CFV station will utilize targets V2, MIT3, MIT4 for the M240C and targets V4, V5, V15, V16, and V24 for the M242. Cadre members will supervise loading procedures and changing barrels as necessary. Once each platoon finishes that set of vehicles, they will swap rolls and fire the other weapon systems.

- C. (Phase 3) Day 3 The warriors will receive a Safety Briefing and a Conduct of the Range Brief by the RSO. The non firing platoons will swap rolls with the firing platoon and do the same process as the day prior.
- D. (Phase 4) Day 3. Once all firing is complete and the training objective has been accomplished, all weapons will be cleared each day by the RSO and the CFV's will be cleared by the RSO and Master Gunner. The track and bolts will be removed from the CFV's and turned back into the Armor. At this time the range clearing procedures will begin so the unit can clear the range and all vehicles will be moved to the next training site.

3. Safety

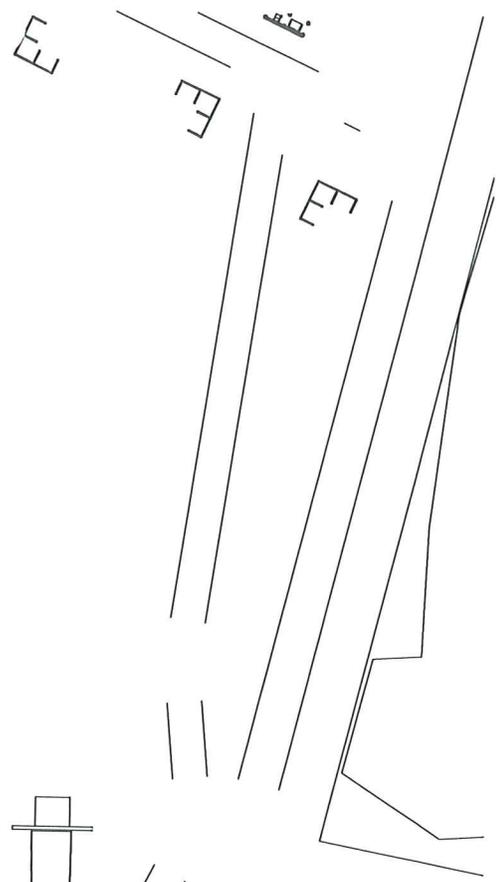
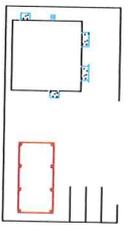
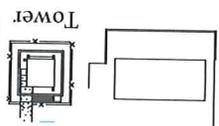
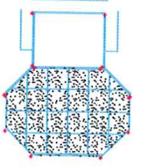
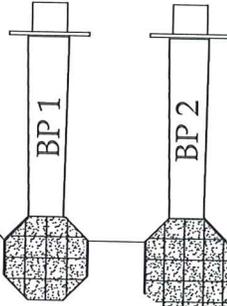
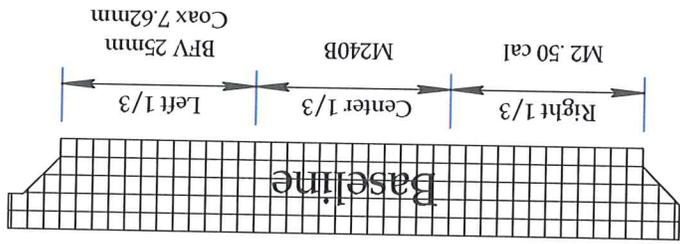
- A. Unit will use the standard 0 line MEDEVAC in case of illness or injury. Call 911 and determine what type of evacuation in the most appropriate for the injury. MEDEVAC will be IAM MCoE Regulation 350-19 and USAIC 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Using units higher Headquarters and Range Control will be notified in event.
- B. There will be no de-linking or re linking of any ammunition. Any ammunition that has been de-or re-linked in considered nonstandard and is prohibited from the range.
- C. Weapons/Ammunition malfunction reports: When a malfunction is experienced, the OIC or Range Safety Officer will suspend all firing and immediately notify Range Control. Retain the weapon and all components and ammunition involved in place. An investigation is required and will be conducted by DOL.
- D. When an incident occurs resulting in an injury, an immediate report will be made by the OIC/RSO of the units training to range control. The following will be furnished by the OIC/RSO to Range Control:

1. Designation of unit.
 2. Range by 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, SS#, Rank and unit of injured personnel.
 8. Extent of property damage.
 9. Intentions regarding an AR 15-6 investigation.
- E. Unit will maintain continuous contact with Range Control at all times. If communications are lost the unit will go into a self induced check fire until communications are restored.
- F. Cease fire will be briefed in the safety briefing and the hand and arm signals will be identified along with other SOP procedures. CFV cadre members will monitor the internal frequency and the cease fire will be sent out over the radio.
- G. Hearing protection will be worn at all times once the range is in a hot status. Additional hearing protection will be provided for personnel missing their own and visitors.
- H. All weapon firers will be monitored closely on the ground and on HMMWV's to ensure weapons and ammunition stay inside the range fans. CFV firers will be monitored from inside the vehicle. The Cadre member will be in the Commanders seat and the student will be on the gunner's seat, so if there is an altercation the Cadre member can override the gun with the commander's override.
- I. Laser Warning Signs will be in place prior to opening range. **Range Safety Briefing will include hazards using lasers.**
4. POC for this memorandum is the undersigned at (706) 626-4128.



SSG Jason McMullen
Squadron Master Gunner

Ware Range
194th, 5-15 CAV
OSUT Gunnery



Ware Range, 5-15th CAV, OSUT Gunnery (Log#8-6-13) Roadblocks 26 Aug 13

#	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-4	GA 144 901	Across entrance road leading to Hartell Bunkers 50m N. its of intersection with Buena Vista 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	O-9	101 962	600m N of Carmouche Rng on right side of Lorrain rd.	Gate
K-21	GB 139 027	Across the northern boundary range road Aprox 250m East of Cox Creek bridge.	Gate	O-18	093 979	800m N of Ware Rng Entrance on the right side of Lorrain rd.	Gate

COMPOSITE RISK MANAGEMENT WORKSHEET

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

1. MSNTASK OSUT Gunnery	2a. DTG BEGIN 210800May2013	2b. DTG END 210800May2014	3. DATE PREPARED (YYYYMMDD) 20130513
4. PREPARED BY a. LAST NAME Davis MBO			
b. RANK SFC		c. POSITION Squadron Master Gunner	
5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS
Mounting and exiting the vehicles		M	SM will mount vehicle through rear driver side door and exit through rear passenger door.
Vehicle/Soldier Collision		M	Max 5 mph when Soldiers in area Ground guides visible in BIV sites Conduct Rollover Drills, TC's up when moving 360 degrees scan, TC's account for all Soldiers
Vehicle Rollover		H	Use two ground guides, drivers use safety belts. Only cadre will drive vehicles when loading.
Cookoff of live round from coax machine gun could kill or injure Soldiers.		H	If machine gun is hot, do not inspect tray, remove ammo and clear Soldiers from the area and wait 15 minutes before clearing the weapon system.
UXO/Debris on Range		M	RSO will conduct safety brief and include the non handling of range debris and UXO that could be found on the range. RSO/OIC marks and reports all UXO found to range control.
Soldiers Smuggling Brass and Ammo off of the range.		M	All Soldiers briefed that they cannot take ammo or brass off of the range. Turn in weapons to Holder overnight. Cadre conducts "shakedown" prior to leaving the range.

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

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

LOW
 MODERATE
 HIGH
 EXTREMELY HIGH

14. RISK DECISION AUTHORITY

a. LAST NAME BIRMINGHAM, MICHAEL	b. RANK LTC	c. DUTY POSITION 5th Squadron 15th CAV REGT, 194th AR BDE Squadron Commander	d. SIGNATURE
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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?
	Unlatched hatch covers could swing and injure Soldiers.	M	Make sure gunner's covers are latched and secured properly.	L	TM 9-2320-280-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre	
	Accidental firing can kill or injure soldiers.	H	Take care to ensure weapons on safe when loaded and cleared properly when not in use.	M	TM 9-2320-280-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Mixing barrel assembly and bolt assembly of the machine gun may kill or injure Soldiers.	H	Do not interchange barrel assembly or bolt assembly from one machine gun to another unless approved by the unit armorer. Barrels will be assigned to each weapon system.	M	FM 3-22.68 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre	
	A runaway weapon can kill or injure a soldier. Reloading a runaway weapon can kill or injure a Soldier.	H	Always keep machine gun pointed down range. Never reload it until it is repaired. Be sure weapon is cleared before removing it from vehicle/tripod mount.	M	FM 3-22.68 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	A hot gun can kill or injure a Soldier.	H	If 200 rounds were fired within a 2 minute period do NOT open the cover. Wait 15 minutes before clearing the weapon system.	M	FM 3-22.68 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Any machine gun barrel improperly locked into place could cause injury.	M	Before firing, double check to make sure barrels is locked tightly in the receiver.	L	FM 3-22.68 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Firing any weapon on the move can cause erratic firing that could kill or injure a Soldier.	M	Firing on the move is not permitted.	L	FM 3-22.68 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Hot Weather Environment	H	Wet bulb checked hourly. Iced sheets on site; work/rest/water consumption rate maintained; safety brief conducted on temp. and heat cat.; prior hot weather injuries marked.	M	Unit SOP AR 385-10 FM 4-25.11 GTA 05-08-012	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre	
	An M2 or M2A1 with incorrect headspace and timing can kill or injure a Soldier.	H	Headspace and timing will be checked and adjusted before firing the M2 after assembly or change of barrel. M2A1 will be turn into maintenance for correct headspace & timing.	M	FM 3-22.68 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre	
	A machine gun that has been in action but not cleared can kill or injure a Soldier when Soldier is in way of muzzle.	H	Clear the machine gun before anyone moves in front of the muzzle. Clearing consists of unloading the machine gun and visually inspecting weapon to ensure all rounds removed	M	Range SOP Clearing Procedures	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, 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?
	Opening the cover of an M2 or M2A1 after use, while a cook-off occurs could kill or injure a Soldier.	H	Never open the cover on a hot loaded weapon that fails to fire. Allow to cool down before clearing.	M	TM 9-1005-213-10 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Placing fingers in the chamber of any weapon can cause injury to Soldiers.	M	Keep fingers out of chamber, visual inspect chamber.	M	TM 9-1005-213-10 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	An M2 or M2A1 with ammo or with the bolt charged to the rear can kill or injure a Soldier when the backplate.	H	Do not remove backplate until the chamber is cleared. Place the bolt in the forward position. Do not charge the weapon with the backplate removed. Stand to one side when removing the backplate.	M	TM 9-1005-213-10 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	assembly is removed from the weapon.						
	Attempting to lift the M2 or M2A1 by the backplate in the upright position can cause the assembly to slip an	M	When lifting the M2/M2A1 by the backplate assembly, turn the weapon 90 degrees or hold by the main assembly only.	L	TM 9-1005-213-10 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	fall on a Soldier. This could also cause the buffer spring to be released and injure a Soldier.						
	Releasing the firing pin on an M2 or M2A1 with cocking lever forward could spring back forcibly and injure hand.	M	Do not attempt to release the firing pin with cocking lever forward. Ride the bolt forward with the cocking handle.	L	TM 9-1005-213-10 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Weapons Malfunction during live fire.	M	RSO qualified in weapons system instructs Soldier using weapon. Master Gunner or Unit Armor on site to assess and correct serious malfunctions and prep-to-fire checks.	L	TM 9-1005-213-10 TM 9-1005-347-10	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
	Lightning	H	OIC/COIC/RSO 1. Suspend all training during electrical storms. 2. Notify Range Control, Troop and Squadron of any lightning related incident.	M	1. MCOE Reg 350-19 2. LAW 350-6-2. Standardized markings of Soldiers at risk.	Troop Commander, 1SG, Drill Sergeants, CIs, Range Cadre, Individual	
			3. Control the students. 4. Brief students on electrical storm plan and point out location to ground gear and open area to move to in the event of lightning.		3. 5-15 Cav policies and range operations. 4. Range safety brief to leaders.		

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?
	Lightning cont.		INSTRUCTIONS WILL 1. Enforce that all students ground there individual equipment and don there wet weather gear. 2. Brief all students, training unit personnel, and cadre on lightning dispersal area.				
	Eye and Hearing Hazards	M	Cadre and Trainees will wear Kelvar, eye protection and ear protection on the firing line while firing blank or live ammunition during gunnery.	L	IAW TR 350-6 PAM 40-506/40-501	Troop Commander, ISG, Drill Sergeants, CIs, Range Cadre, Individual	
	Laser Usage	L	Laser will not be used during gunnery.	L	Commander Guidance IAW TSP	Troop Commander, ISG, Drill Sergeants, CIs, Range Cadre, RSO, Individual	



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RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 9/14/2012

EMD Number: 1225804

Project#: Unknown

Project Title: 19D OSUT, Basic Machine Gun, Gunnery Familiarization Fire

Description of proposed action:

During daylight and limited visibility hours, given M2A1, M2, 240B mounted on stationary M1025 series vehicles and M249 ground mounted on the M192 LWGM, the AN/PAS13B(V)2. Soldiers will engage vehicle and troop targets from a stationary defensive position. There will be no land disturbance. Vehicles will remain stationary at all times during live fire with drip pans and chalk blocks.

Project Location:

Brooks Range, Ware Range, and Ruth Range

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

180

Type of Ammunition:

A557, .50Cal, A131 7.62mm and A064
5.56mm Live

Number/Types of Trees:

None

Size of Project Area: N/A

Duration of Action: Start: 10/1/2012 Stop: 9/30/2013

Proponent: SSG Davis

706 626 4123

Organization/Unit: 5-15 CAV, 194th AB

Number/Types of Vehicles:

Number of vehicles: 8

Types of vehicles: M1025 Series

No-Vehicles will be going off road.

All vehicles will remain stationary during live fire.

DECISION: Concur with conditions

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

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

REC APPROVED THROUGH 30 SEPTEMBER, 2013

Natural Resources - RCW

None

Michael Barron (706 544 7080), 9/18/2012

Noise

Conditions:

Ellis Leeder (706 545 2400), 9/17/2012

This is training operations that must be conducted. If there is any noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding no fly zones. Please follow good smoke management practices not allowing smoke or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved sites. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19

EMD Number: 1225804

UJO#

Project Title: 19D OSUT, Basic Machine Gun, Gunnery

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 9/17/2012

Appropriate precautions must be taken to prevent hazardous material spills. Have adequate quantities of spill response supplies on hand. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up spill according to guidance provided by the Environmental Protection Management Branch. Any waste generated must undergo a waste stream analysis to determine appropriate management requirements. If any hazardous waste is generated it must be managed in accordance with Federal, State, Army and Fort Benning regulations.

Defective, misfired, or otherwise unserviceable munitions must be managed IAW/MCOE Reg.350-19-5-10, Para 9-2 (Proper management of Misfired munitions). All excess, munitions must be returned to the Ammunition Supply Point after the field exercise is completed. A dud shall not be removed from the range; it will be marked, called into range control and will be properly disposed of by EOD personnel IAW/MCOE Reg. 350-19, 23 Jul 2010.

Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area after the training is completed. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise. Contact POC below for any questions or additional guidance.

CWA - Training

Conditions:

Jessica Taylor (706-604-4572), 9/17/2012

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.

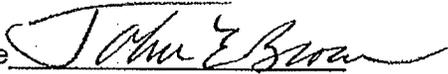
General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained -- REACT 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.

Cultural Resources - Archeological

None

Edward Howard (706 545 1898), 9/17/2012

Signature



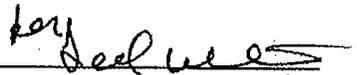
John E Brown

NEPA Program Manager

Date

19 SEP 12

Signature

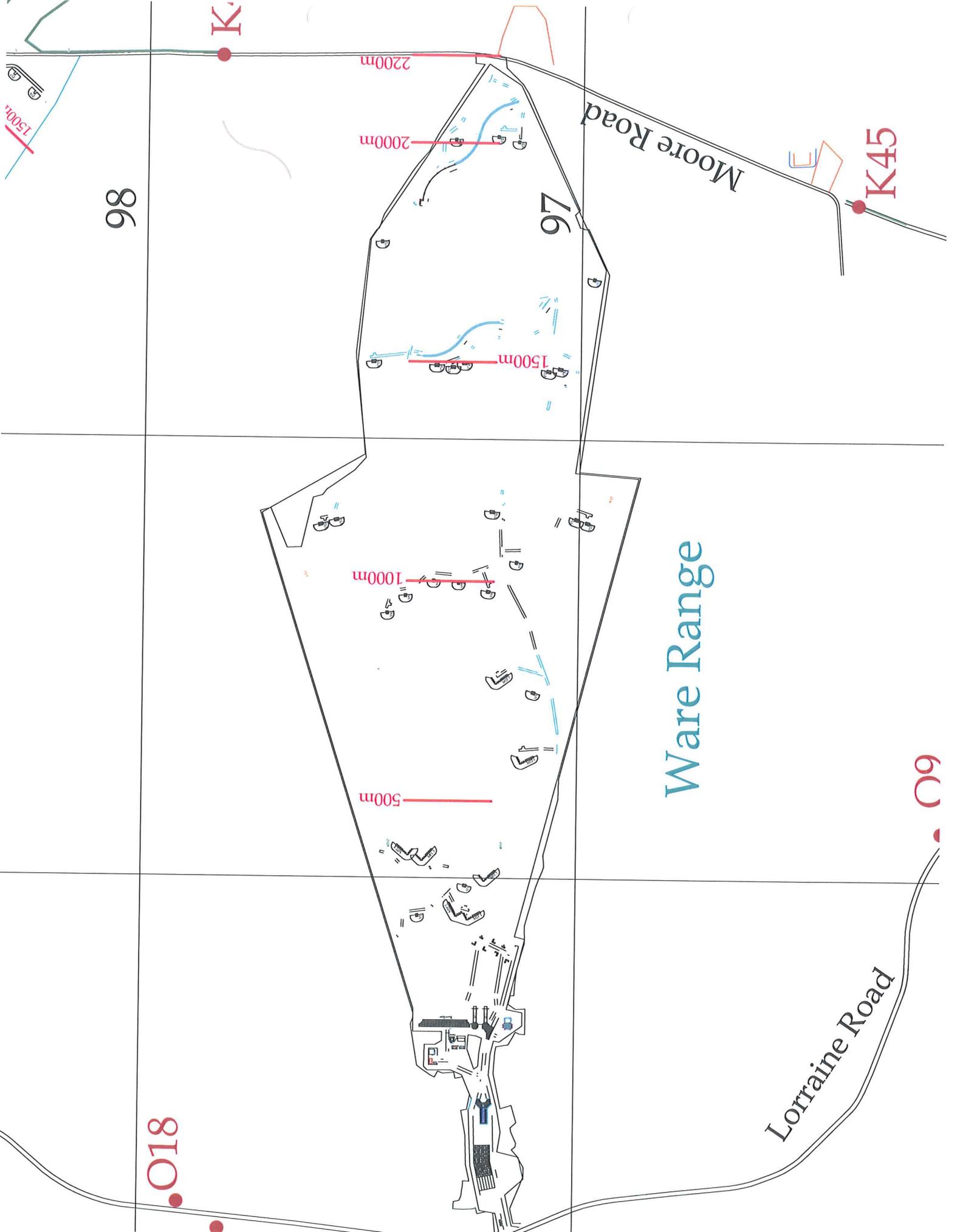


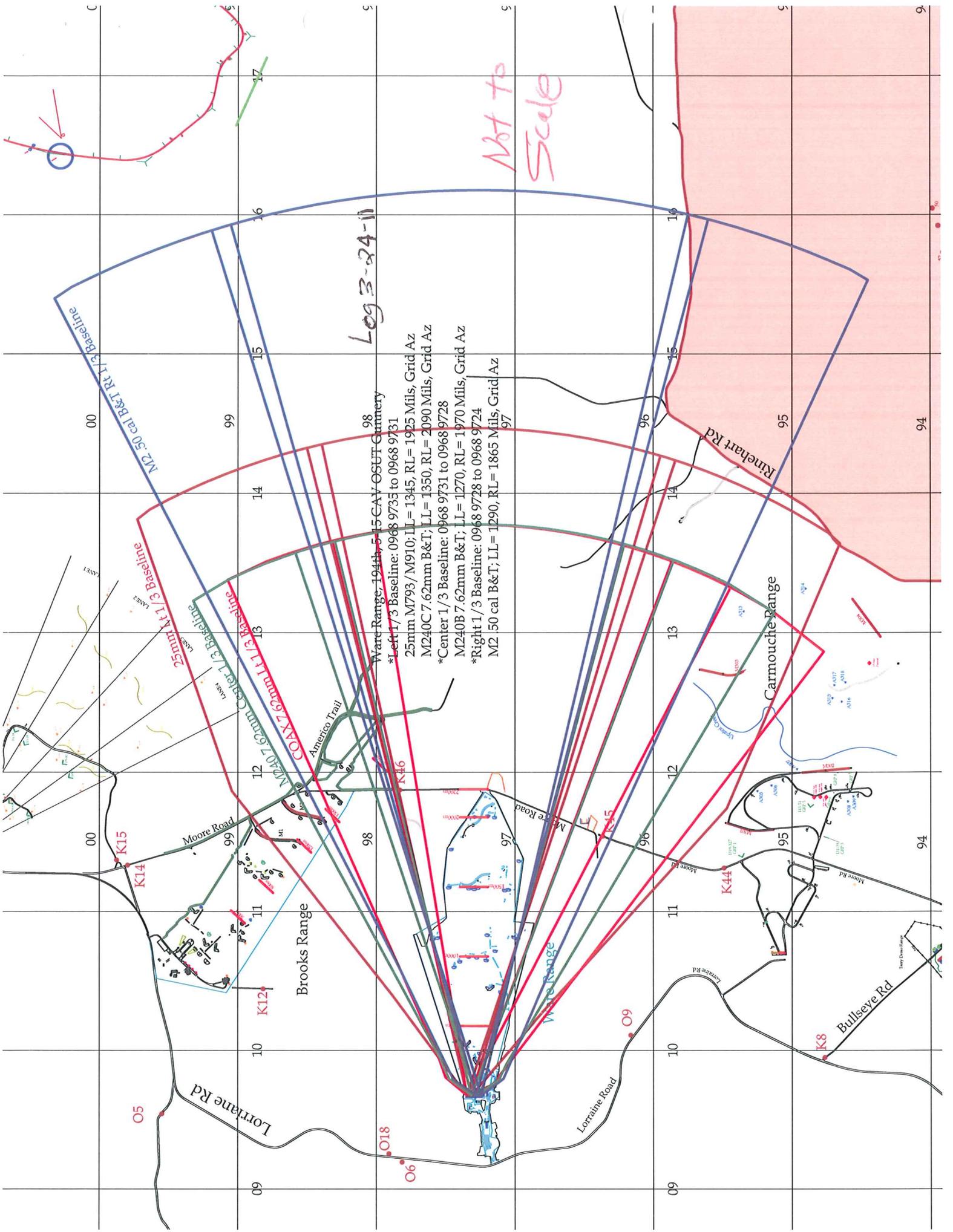
Christopher E. Hamilton, PhD

EPMB Chief

Date

09-20-12





Log 3-24-11

Not to Scale

Ward Range: 194th, 5-15 GAV-06UT Gimmery

*Left 1/3 Baseline: 0968 9735 to 0968 9731

25mm M793 / M910; LL = 1345, RL = 1925 Mils, Grid Az

M240C 7.62mm B&T; LL = 1350, RL = 2090 Mils, Grid Az

*Center 1/3 Baseline: 0968 9731 to 0968 9728

M240B 7.62mm B&T; LL = 1270, RL = 1970 Mils, Grid Az

*Right 1/3 Baseline: 0968 9728 to 0968 9724

M2 150 cal B&T; LL = 1290, RL = 1865 Mils, Grid Az

M2 50 cal B&T Rt 1/3 Baseline

25mm Lt 1/3 Baseline

M240 7.62mm Center 1/3 Baseline

COAX 7.62mm Lt 1/3 Baseline

Brooks Range

Carmouche Range

Lorraine Rd

Moore Road

Americo Trail

Moore Road

Lorraine Road

Bullseye Rd

Rinehart Rd

O5

K15

K14

K12

O18

O6

O9

K44

K8

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