

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: 20 April 2013 Log #1-2-13 Range: RUTH Range Title: Sniper School Sniper Live Fire (Baseline) Problem No:
THRU: S-3, 2-29th IN. Fort Benning, GA. 31905	FROM: C. CO, 2-29th IN. Fort Benning, GA. 31905

SECTION I, TYPE OF TRAINING

a. Live Fire
 b. Non-live Fire
 CP/Controller Coordinates: 11469 01023

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
See Weapons and Ammo list	See Weapons and Ammo list	See Weapons and Ammo list	See Weapons and Ammo list	See Weapons and 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: MORSE, CHRISTOPHER M. SSG 	Name/rank of Major Unit S3/Commander: WILCOX, DANIEL S. S-3
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SECTION VI, FOR RANGE DIVISION USE

DATE: 17 May 2013

TO: S-3, 2-29th IN. Fort Benning, GA. 31905	FROM: Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905
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a. Roadblocks to be closed:	See Attached List.
b. Road(s) to be closed/road barrier locations:	Moore Road
c. Remarks:	Must have approved waiver to shoot steel targets. PST
d. This approval expires:	Indef

Chief, Range Division
 Directorate of Plans, Training, Mobilization and Security

Ruth Range Sniper School Sniper Training (Log #1-2-13) Weapons/Ammo & Target List

Firing Positions	Weapons	Ammunition	Left Limit Mils, Grid Az	Right Limit Mils, Grid Az
Baseline Lane 1: GB 1151 0103 to 1149 0101	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; .338 Lapua; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .338 Lapua; .50 cal Ball	1975	2180
Baseline Lane 2: GB 1149 0101 to 1148 0099	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; .338 Lapua; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .338 Lapua; .50 cal Ball	2130	2410
Baseline Lane 3: GB 1148 0099 to 1146 0097	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; .338 Lapua; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .338 Lapua; .50 cal Ball	2355	2555
Baseline Lane 4: GB 1146 0097 to 1144 0095	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .50 cal Ball	2545	2755
Pistol Engagement: GB 1152 0102 to 1150 0100	M9; M1911	9mm Ball; .45 cal Ball	2270	2455

Firing Positions	Weapons	Ammunition	Targets
Baseline Lane 1: GB 1151 0103 to 1149 0101	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; .338 Lapua; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .338 Lapua; .50 cal Ball	5.56mm & 7.62mm (I: 12-19, 31-38. A: 1, 20, 40). 300 Win Mag/.338 Lapua: (I: 12-19, 31-38. A: 1, 20, 39, 40. M: 89). M82A1-A3/M107: (I: 12-19, 31-38. A: 1, 20, 39, 40, 42, 44. M: 89, 92).
Baseline Lane 2: GB 1149 0101 to 1148 0099	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; .338 Lapua; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .338 Lapua; .50 cal Ball	5.56mm & 7.62mm (I: 3-10, 21-28. A: 2, 11, 29). 300 Win Mag/.338 Lapua: (I: 3-10, 21-28. A: 2, 11, 29, 30, 41, 130. M: 90). M82A1-A3/M107: (I: 3-10, 21-28. A: 2, 11, 29, 30, 41, 43, 130. M: 90, 91).
Baseline Lane 3: GB 1148 0099 to 1146 0097	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; .338 Lapua; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .338 Lapua; .50 cal Ball	5.56mm & 7.62mm (I: 56-63, 75-82. A: 55, 64, 84). 300 Win Mag/.338 Lapua: (I: 56-63, 75-82. A: 55, 64, 83, 84, 86. M: 94). M82A1-A3/M107: (I: 56-63, 75-82. A: 55, 64, 83, 84, 86, 87. M: 94).
Baseline Lane 4: GB 1146 0097 to 1144 0095	M4; M24/M40A3/M110/M21/AR25/AR10 M2010; M82A1-A3/M107	5.56mm Ball; 7.62mm M118 LR 300 Win Mag; .50 cal Ball	5.56mm & 7.62mm (I: 46-53, 65-72. A: 45, 54, 74). 300 Win Mag: (I: 46-53, 65-72. A: 45, 54, 73, 74, 85. M: 93). M82A1-A3/M107: (I: 46-53, 65-72. A: 45, 54, 73, 74, 85, 88. M: 93).
Pistol Engagement: GB 1152 0102 to 1150 0100	M9; M1911	9mm Ball; .45 cal Ball	Targets Located in the Pistol Engagement Area (See Sketch for Location).

NOTE: Steel Target Engagements Require an Approved Waiver. See Scenario for Instructions Required for Steel Target Engagements.

DEPARTMENT OF THE ARMY
UNITED STATES ARMY SNIPER SCHOOL
Charlie Company, 2nd Battalion, 29th Infantry Regiment
Fort Benning, Georgia 31905

ATSH-INB-C

12 March 2013

MEMORANDUM FOR CHIEF, RANGE OPERATIONS, DPTMS, FORT BENNING,
GEORGIA, 31905.

SUBJECT: Ruth Range Sniper Live Fire.

1. Reference: MCoE Regulation 350-19 Chapter 3.
2. Purpose: The purpose of this training is to conduct sniper live fire training in support of the Sniper School POI (WASN # 18, 19, 20, 21, 34, 42, 45, 46, and 51).
3. Range and terrain requirements: Ruth
4. Weapons and ammunition types:
 - a. M24 SWS, M40A3, SR25, AR10, M110; M118, 7.62mm special ball LR, match
 - b. M4, M16A4, M16A2; 5.56mm Ball, AR15; .223 cal Ball
 - c. M9; .9mm Civilian/Ball
 - d. M1911A1; .45 cal Civilian/Ball
 - e. M2010; 300 WIN MAG
 - f. M107 Barrett; .50cal Ball, M82A1-A3 Barrett; .50 cal Ball
 - g. 338 Lapua
5. Execution and concept of the operation:
 - a. Live Fire
 - (1) This exercise will be coordinated by a command post (CP) at grid 11469 01023. The ammunition supply point, field ambulance, and transportation assets will be located at 11370 01003 as we occupy for control purposes.
 - (2) Sniper instructors/RSO/OIC will ensure that all sniper students understand the limits of the range prior to engaging targets.

(3) Once the students/teams have received their safety briefing, they will move to their designated points and establish a position. Once positions on baseline have been established, one man from each team will draw ammunition from the ammo point.

- b. Once in position the snipers will load their weapons.
- c. Sniper cadre/safety will designate the target to be engaged and give the snipers a verbal command to fire when ready.
 - 1. Each student/team will fire at designated targets downrange using the lane markers located downrange to limit their left and right directions of fire in their lane only.
 - 2. When shooting from a position, no one will be forward of the firing line.
 - 3. When the students/teams are finished firing, prior to leaving, the weapons will be cleared and put in a safe configuration before moving the next firing position.
 - 4. When firing pistols from the pistol firing line, the firers will only fire at paper or steel targets 10 meters away (reactive or downward angle) and 15 yards for static steel.

6. Pistol Fire Execution and Concept.

- a. The primary instructor will give all personnel a walk- through of the exercise.
- b. Once firing positions have been established (Pistol firing line), the instructor for each position will draw ammunition from the ammo point and secure the ammunition at the firing position. The primary instructor will brief each instructor on their duties and responsibilities and the sequence of the course. Once the teams have received their safety briefing, all personnel will follow instructions from the cadre and begin firing. When firing pistols at the pistol firing line the firers will only fire at a target 10 meters away and all weapons will be cleared prior to leaving the firing line. All personnel will wear body armor when firing at steel.

7. The following WASN #'s apply to Ruth Range day and night:

- a. WASN 18: Field Fire with the M24/M110 Sniper Weapon System
- b. WASN 19: Elevation and Windage Hold-off
- c. WASN 20: Final Shot
- d. WASN 21: Marksmanship (Practice Record Fire)
- e. WASN 34: Night Fire
- f. WASN 42: Pistol Shooting

- g. WASN 45: Angle Fire
- h. WASN 46: Alternate Firing Positions
- i. WASN 51: Field Fire with the M107 Long Range Sniper Rifle

8. SAFETY:

a. Signals:

- 1. Primary means of lifting fires will be a verbal command.
- 2. Sniper instructors/safeties will be at each lane.
- 3. Communication will be maintained at all times (with talk-about radios) while on the firing line.
- 4. **LASER's**: 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.**
- 5. **Communications**: 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.
- 6. **Steel targets will be placed downrange and removed upon completion of firing. Downrange clearance with Range Control is required prior to placing/removing targets from downrange. Steel waiver required. Targets will not be emplaced on the range that puts existing range targetry within the 20 degree splatter zone and within 50-meters distance from the point of impact of the steel targets.**

9. Medical:

- 1) **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 Reg 40-14. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Range Control will be notified in this event. The cease fire will remain in effect until cleared through Range Control.
- 2) Primary means of coverage will be on-site CLS qualified Instructor with CLS bag.
- 3) Primary means of evacuation is by air MEDEVAC. Alternate means of evacuation is by a covered vehicle. The vehicle will be located with the CP and will maintain continuous communications with the OC's. The vehicle will evacuate routine casualties

who are not in danger of losing life, limb, or eyesight. PZ for the air MEDEVAC is at vicinity of concrete road located on Lorraine Rd (shown on sketch) and will be marked with a VS-17 panel (day) and an IR strobe for nighttime operations.

4) Weapons/ Ammo malfunction reports: When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Range Control. The weapons and all components and ammunition involved will remain, until cleared by Range Control. An inspection is required by ammunition and weapons inspection personnel and DOL.

10. **Incident:** When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately call a cease fire and report it to Range Control and the using unit's higher headquarters. OIC/RSO will take action as directed by Range Control. The cease fire will remain in effect until the problem is resolved and cleared through Range Control. If the incident results in an injury, the OIC/RSO will use the procedures outlined in the medical paragraph. The following information will be furnished by the OIC/RSO to Range Control:

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

- a. The Commander/OIC/RSO will brief the following safety notes to every sniper:
 1. All snipers are safety officers. Anyone who observes an unsafe act will immediately call for a cease-fire and stop the exercise.
 2. All weapons and munitions will be discharged downrange and within the designated limits.
 3. All weapons will be on safe unless actively engaging a target.
 4. All snipers must practice muzzle awareness and point their weapons only at targets they intend to shoot.
 5. All snipers will have their weapons cleared by an instructor before leaving the firing line. No personnel will be permitted down range past the 15 meter pistol target line.

11. Ammunition:

1. An ASP will be established at grid 11370 01003 behind the firing line as we occupy. The ammo NCO (E-5 or above) will control the storage and distribution of all ammo. The sniper cadre will be responsible for the procurement of supplies (fire extinguisher, pallets, waterproofing, etc) and the establishment, maintenance and operation of the ASP. Snipers will only receive enough ammo for the live fire exercise. Upon completion of the exercise, the RSO/OIC will ensure that no one has brass residue or ammunition in their possession. All brass will be returned to the ASP.
2. **Weapons/Ammunition Malfunction Reports:** When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Range Control. The weapons and all components and ammunition involved will remain in place. The cease fire will remain in effect until cleared through Range Control. An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL.

12. The point of contact for this memorandum is SFC Medley, Operations, 544-6505.



ELIAS M. ISREAL
CPT, IN
COMMANDING

Ruth Range Sniper School



Ammo Point

Moore Road

Ruth Range

Range Tower

Bleachers

Baseline

FPI

Pistol Engagement

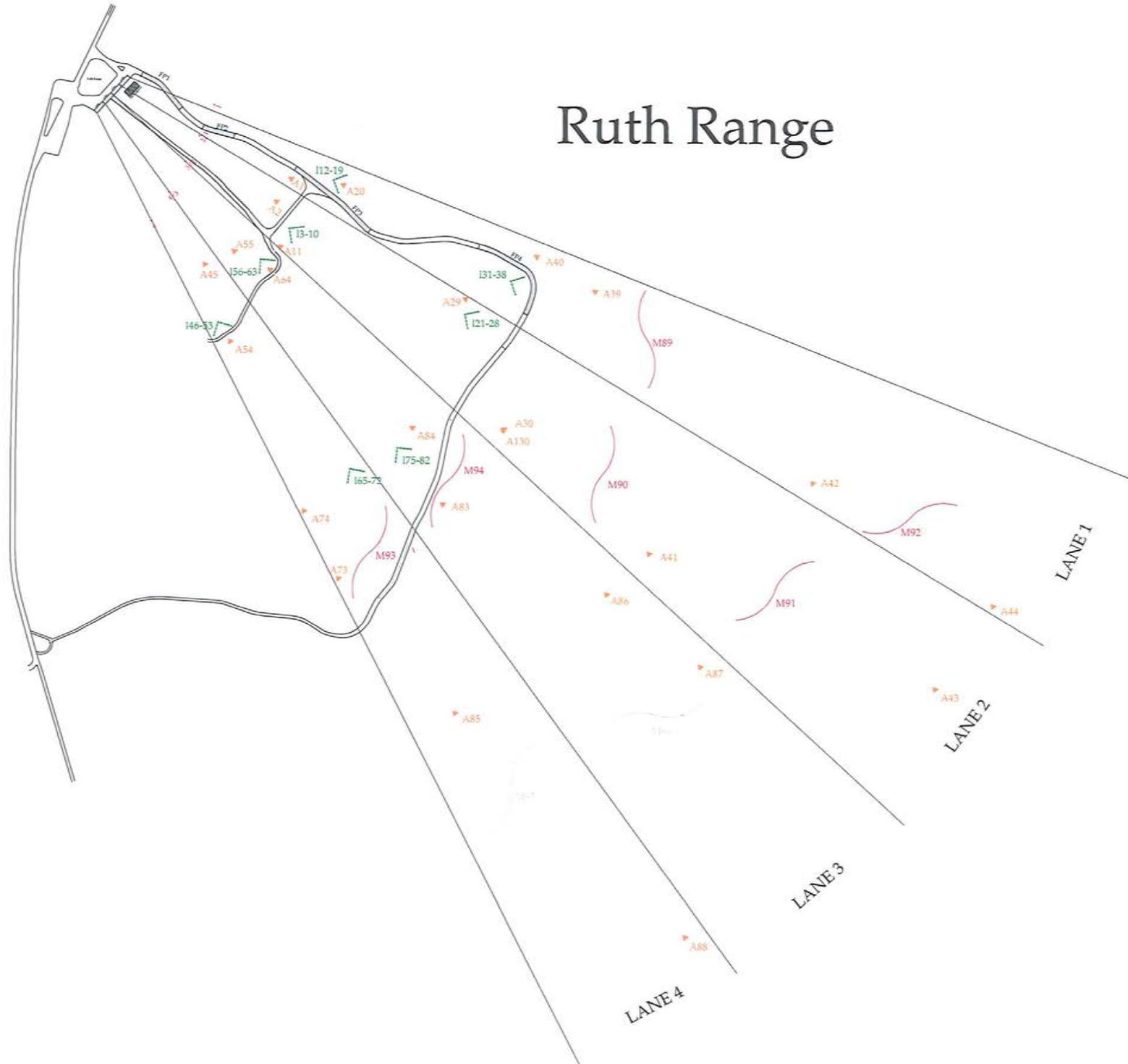
Lane 4

Lane 3

Lane 2

Lane 1

Ruth Range



Ruth Range Sniper School Sniper Training (Log #1-2-13) Roadblocks 01 Oct 2013

#	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-5	GA 117 920	Across Shamanski Rd 25m N. of its intersection with Buena Vista Rd.	Gate	K-28	GA 191 885	Across Whitson Rd 15m W. of its intersection with Cactus Rd.	Gate
K-7	GA 109 937	Across Moore Rd 15m N. of its intersection with Bullseye Rd.	Cable	K-29	GA 189 888	Across un-named trail on left side of Cactus Range 300m W of Cactus Road	Gate
K-8	GA 099 947	Across Bulls Eye Rd 50m E of its intersection with Lorraine Road.	Gate	K-30	GA 190 890	Across un-named trail on right side of Cactus Range 250m W of Cactus Road.	Gate
K-9	GA 103 921	Across Buena Vista Rd 40m E of the intersection with Moore Rd (Road Guard Location)	Gate	K-32	GA 192 915	Across Shamanski Road 35m W of its intersection with Cactus Rd.	Gate
K-9A	GA 106 919	Across tank trail 200m W of the Upatoi Creek ford site.	Gate	K-36	GA 163 883	Across Buena Vista Rd 50m W. of its intersection with Box Springs Rd. (Road guard location).	Gate
K-10	GA 118 920	Across Buena Vista Rd at K-5 road block.	Gate	K-36A	GA 163 882	Across Tank Trail 50m W. of its intersection with Box Springs Rd.	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-38	GA 201 941	Across unnamed trail 35m 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-39	GA 202 949	Across unnamed trail 15m W. of its intersection with the east boundary road. Permanently closed.	Gate
K-13	GA 112 943	Across Moore Rd 680m N. of its intersection with Bullseye Rd.	Gate	K-40	GA 174 908	Across Box Springs Rd 30m S. of Pine Knot Creek.	Gate
K-14	GA 113 998	Across Moore Rd 10m S. of its intersection with Lorraine Rd.	Gate	K-41	GA 192 944	Across Kennesaw Trail 30m W. of its intersection with Box Springs 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-42	GA 193 944	Across Box Springs Rd 10m N. of its intersection with Cactus Rd.	Gate
K-16	GB 190 003	Across Rinehart Rd 130m W. of its intersection with Box Springs 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-16A	GA 172 989	Across Rinehart Rd 20m S. of its intersection with the northern boundary range road.	Gate	K-44	GA 113 955	Across Moore Rd on the N. side of Carmouche Range maneuver box.	Gate
K-16B	GA 171 990	Across un-named trail 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-17	GB 116 013	Across unnamed trail 15m E. of Moore Rd and 300m N. of Ruth Range tower.	Gate	K-46	GA 119 979	Across Moore Rd 725m S. of its intersection with Americo Trail	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-47	GA 176 963	Across Turrentine Rd 1000m W. of mover 4 on Hastings Range	Gate
K-20	GB 141 021	Across unnamed trail 550m S of the northern boundary range road.	Cable	K-50	GA 195 988	Across Box Springs Rd 60m N. of its intersection with the northern boundary range road.	Cable
K-21	GB 139 027	Across the northern boundary range road Aprox 250m East of Cox Creek bridge.	Gate				



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 3/7/2013

EMD Number: 1307001 **Project#:** 1SNPERSTEEL **Project Title:** Sniper School Students Engaging Steel Targets

Description of proposed action:

During this block of instruction, students will familiarize and qualify with various sniper rifles. Each student will fire approximately 50 to 75 rounds of ammunition. There are Numerous Types of Steel Targets Some of the targets hang on frames some have a base that allows them to fall when they are hit, some are placed in the ground by pickets, and some have angled legs on them and they just rest on the ground some are moving targets. See attached Photos. The following Weapon systems will be used: M110, XM110, M107, M9, and M4

Project Location:

RUTH; WARE; BROOKS; HASTINGS, CARMOUCHE, AND BURROUGHS RANGES

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

100

Type of Ammunition:

AA11, A059, A191, A531, AA49 Live

Number/Types of Trees:

None

Size of Project Area: N/A

Duration of Action: Start: 3/18/2013 Stop: 9/30/2013

Proponent: christopher.m.morse 706-545-8594

Organization/Unit: C CO 2-29 IN

Number/Types of Vehicles:

Number of vehicles:4
Types of vehicles:2 GOVT VEHICLE, 2 hummw 2 LMTV
Yes-Vehicles will be going off road.
What type of vehicles will be going off road:2 hummw 2 LMTV

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

Noise

Conditions:

Ellis Leeder (706 545 2400), 3/13/2013

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

Natural Resources - RCW

None

Michael Barron (706 544 7080), 3/13/2013

EMD Number: 1307001

IJO# 1SNPERSTEEL

Project Title: Sniper School Students Engaging Steel Targets

Hazardous Materials/Waste

Conditions:

Joe Iverson (706 545 1857), 3/13/2013

- Ensure personnel know the correct procedure for handling misfires at the range:
- 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.
- Closed containers (ammunition can marked 'MISFIRES") will be used for the collection of misfires at each firing range.
- The MISFIRE container will stay closed except to add or remove misfires.
- Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.
- Ensure that all containers for collection of patches and swaps are kept closed unless weapons cleaning products are being added. Contact EPMB for detailed information on the proper disposal of waste products resulting from the training.
- 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.
- Rubbish, empty containers and other waste (including used smoke/C2 canisters/MRE heaters) 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.

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 3/11/2013

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

General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activities and hazardous material/waste storage. Locate all refueling operations and storage of hazardous materials/waste away from waterways and sensitive areas. See attached section on prevention procedures and CHECKlist (Example Unit/Activity SOP for Training and Deployment) to be used during training exercise to comply with SPCC plan requirements. Ensure all wastewater from field mess equipment/operations particularly those involving oil/grease are collected and dispose properly. Do not discharge any wastewater into storm drains or dispose of oil/grease waste directly into land.

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

Signature

John E Brown
John E Brown
NEPA Program Manager

Date

15 MAR 13

Signature

Chris Hamilton
Christopher E. Hamilton, PhD
EPMB Chief

Date

15 MAR 13

COMPOSITE RISK MANAGEMENT WORKSHEET

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

1. MSN/TASK RUTH RANGE	2a. DTG BEGIN 100600MAY2013	2b. DTG END 112359MAY2014	3. DATE PREPARED (YYYYMMDD) 20130510
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4. PREPARED BY			
a. LAST NAME MEDLEY	b. RANK SFC	c. POSITION C CO 2-29 IN USASS Operations	

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?
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)	RANGE/SITUATIONAL AWARNNESS	H	THE OIC AND RSO WILL DO THE FOLLOWING: 1. READ AND REVIEW THE RISK ASSESMENT.	M	MCOE RANGE AND TERRAIN REGULATIO 350-19 MCOE PM 385-6-14	OIC / RSO (SEE ATTACHED MEMO)	
			2. ENSURE CADRE COMBAT LIFESAVER AND A DEDICATED EVAC VEHICLE ARE AVAILABLE. INVENTORY THE CLS BAG TO ENSURE NOTHING IS MISSING.		FM 5-19, RISK MGT FOR OPERATIONS AND TRAINING		
			3. IDENTIFY SOLDIERS WITH MEDICAL PROBLEMS HAVING THE POTENTIAL TO IMPACT TRAINING TO INCLUDE MINOR ILLNESS, ALLERGIES, PREVIOUS		AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
			HOT AND COLD WEATHER INJURIES, OR ENVIROMENTAL SENSITIVITES.		FOR TRAINING, TARGET PRACTICE AND COMBAT		
					2-29 IN POLICIES ON RANGE OPERATIONS		
					RANGE SAFTEY BRIEF TO LEADERS		

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

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

14. RISK DECISION AUTHORITY			
a. LAST NAME JENNINGS	b. RANK LTC	c. DUTY POSITION 2-29 IN Commanding	d. SIGNATURE 

ITEMS 5 THROUGH 12 CONTINUED:

5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFECTIVE?
			4. REVIEW EVACUATION PROCEDURES AND REPORTING PROCEDURES FOR SERIOUS INCIDENTS. PLAN TO EVACUATE SOLDIERS WITH ALLERGIC				
			REACTIONS, ANYONE WITHIN 25 M OF LIGHTNING STRIKES, COLD OR HOT WEATHER INJURIES, SNAKE BITES, OR ANYONE SHOWING SYMPTOMS				
			BEYOND THE COMBAT LIFE SAVERS ABILITY TO TREAT, THE OIC / RSO WILL DIRECT AN AIR MEDEVAC WHEN THE DANGER OF LOSS OF LIFE, LIMB				
			OR EYESIGHT.				
(TARGET DETECTION)	ACCIDENTAL / NEGLIGENT DISCHARGE	H	1. INSTRUCTOR WILL GIVE A SAFETY BRIEFING.	M	MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			2. INSTRUCTORS WILL ENSURE ALL WEAPONS ARE CLEARED PRIOR TO LEAVING THE RANGE.		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION			3. OIC WILL ENSURE THAT QUALIFIED COMBAT LIFE SAVERS ARE ON SITE.		IAW AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
SNIPER COMPETITION					FOR TRAINING, TARGET PRACTICE AND COMBAT		
M110 / XM2010 QUAL (DAY AND NIGHT)	SOLDIER INJURED BY BULLET FROM ANOTHER SOLDIER FIRING	H	1. INSTRUCTORS WILL ENSURE THAT SOLDIERS ARE IN TEAMS TO DOUBLE CHECK ALL SAFETY PROCEDURES.	M	2-29 IN POLICIES ON RANGE OPERATIONS MCOE PM 385-6-14	OIC NCOIC RSO CLS	
					RANGE SAFETY BRIEF TO LEADERS	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	

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?
(TARGET DETECTION)	SOLDIER LOSS OF HEARING DUE TO NO HEARING PROTECTION	M	1. EVENT OIC / RSO WILL ENSURE THAT A SAFETY BRIEFING IS GIVEN AND HEARING PROTECTION IS AVAILABLE AND USED	L	MCOE RANGE AND TERRAIN REGULATION 350-19	OIC NCOIC RSO CLS	
M110 MOVERS FIELD FIRE (DAY AND NIGHT)					FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION					AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
SNIPER COMPETITION					FOR TRAINING, TARGET PRACTICE AND COMBAT		
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)					MCOE REG 40-14, PREVENTION OF HEAT AND COLD CASUALTIES		
(TARGET DETECTION)	HEAT ILLNESS SUFFERED BY SOLDIER	H	1. EVENT OIC AND EVENT NCOS WILL MONITOR THE TEMPERATURE AND SOLDIERS CONDITION THROUGHOUT TRAINING.	M	MCOE REG 40-14, STANDARDIZED MARKING OF SOLDIERS AT RISK	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			2. THE EVENT OIC WILL MAKE SURE THE STUDENTS ARE CONSUMING FLUIDS ON BREAKS AND AS NEEDED		2-29 IN POLICIES ON RANGE OPERATIONS MCOE PM 385-6-14	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION			3. EVENT OIC WILL DIRECT UNIFORM MODIFICATIONS AS NEEDED.		RANGE SAFETY BRIEF TO LEADERS		
SNIPER COMPETITION			4. EVENT OIC WILL FOLLOW FB FORM 7 TO CONDUCT TRAINING IN HEAT CATEGORY 2 THROUGH 5.				
M110 / XM2010 QUAL (DAY AND NIGHT)			5. INSTRUCTORS WILL CONDUCT MAN DOWN REHEARSAL DRILL USING ICE SHEETS ONCE A MONTH DURING SUMMER MONTHS.				

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?
			6. INSTRUCTORS WILL IDENTIFY STUDENTS WITH PRIOR HEAT INJURIES PRIOR TO THE START OF TRAINING.				
			7. INSTRUCTORS WILL MONITOR AND RECORD HEAT CATS WITH KESTRAL DEVICE AND GET HOURLY UPDATES FROM RANGE CONTROL.				
(TARGET DETECTION)	COLD ILLNESS SUFFERED BY SOLDIER	M	1. INSTRUCTORS WILL MONITOR THE TEMPERATURES AND SOLDIERS' CONDITIONS THROUGH OUT THE EVENT.	L	MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			2. EVENT OIC WILL ENSURE THAT FLUIDS ARE CONSUMED AT REST, BREAKS AND AS NEEDED.		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION			3. BURN BARRELS WILL BE USED AS NEEDED.		AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
SNIPER COMPETITION			4. EVENT OIC WILL FOLLOW FB FORM 42 TO CONDUCT TRAINING AT TEMPERATURES AT 50F AND BELOW.		FOR TRAINING, TARGET PRACTICE AND COMBAT.		
M110 / XM2010 QUAL (DAY AND NIGHT)			5. INSTRUCTORS WILL IDENTIFY PRIOR COLD WEATHER INJURIES PRIOR TO TRAINING.		MCOE REG 40-14, PREVENTION OF HEAT AND COLD CASUALTIES		
					MCOE REG 40-14, STANDARDIZED MARKING OF SOLDIERS AT RISK		
					2-29 IN POLICIES ON RANGE OPERATIONS MCOE PM 385-6-14		
					7. RANGE SAFETY BRIEF TO LEADERS		

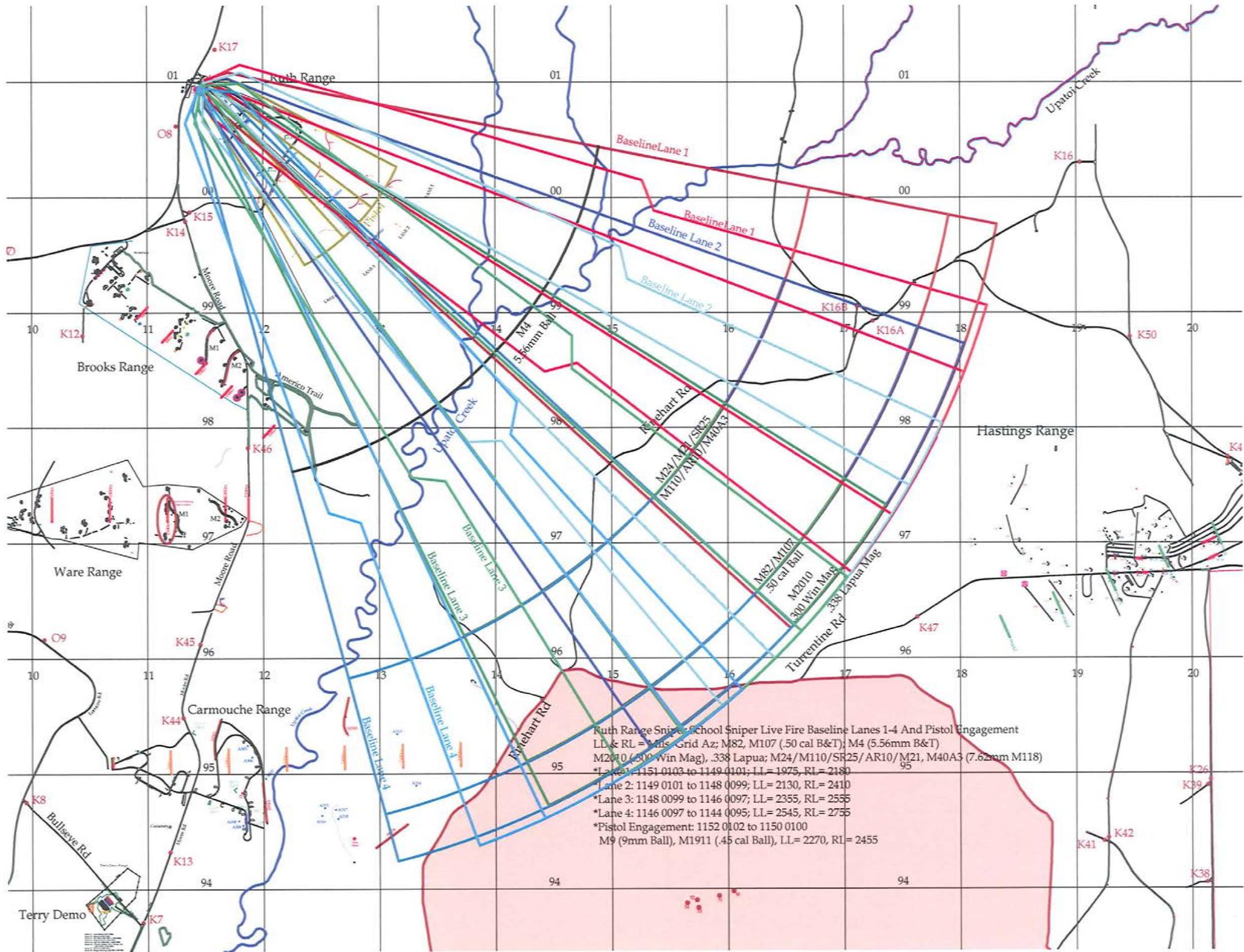
ITEMS 5 THROUGH 12 CONTINUED:

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 EFFEC-TIVE?
(TARGET DETECTION)	ANIMAL/INSECT BITES SUFFERED BY SOLDIER	M	1. INSTRUCTORS WILL IDENTIFY TEAMS WITH ALLERGIES PRIOR TO THE START OF THE EVENT.	L	MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			2. EVENT OIC WILL GIVE A SAFETY BRIEF WHICH IDENTIFIES POSSIBLE WILDLIFE DANGERS		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION					AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
SNIPER COMPETITION					FOR TRAINING, TARGET PRACTICE AND COMBAT		
M110 MOVERS QUAL (DAY AND NIGHT)					2-29 IN POLICIES ON RANGE OPERATIONS		
(TARGET DETECTION)	SOLDIER STRUCK BY LIGHTING	M	1. EVENT OIC WILL GIVE A DETAILED SAFETY BRIEF ON SEVERE WEATHER PROCEDURES IF THERE IS A CHANCE OF A STORM DURING TRAINING	L	MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			2. ALL SAFETY PERSONEL WILL PRACTICE WEATHER EVACUATION AND MEDICAL PROCEDURES QUARTERLY		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING MCOE REG 115-1	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION			3. EVENT OIC WILL ENSURE THAT THE CLS IS PRESENT PRIOR TO THE START OF THE EVENT.		AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
SNIPER COMPETITION			4. EVENT OIC WILL IDENTIFY SEVERE WEATHER SAFE AREAS DURING THE SAFETY BRIEFING.		FOR TRAINING, TARGET PRACTICE AND COMBAT.		
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			5. ALL TRAINING WILL CEASE UPON RECEIPT OF SEVERE WEATHER FROM RANGE CONTROL OR IF LIGHTNING CAN BE SEEN WITHIN 5 MILES.		2-29 IN POLICIES ON RANGE OPERATIONS		

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?
(TARGET DETECTION)	FIRE AT AMMO POINT OR ON RANGE	M	1. AMMO NCO WILL ENSURE THERE IS NO SMOKING WITHIN 50 FEET OF THE AMMO POINT.	L	MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			2. AMMO NCO WILL ENSURE THERE ARE 2X10LB FIRE EXTINGUISHERS AVAILABLE AT THE AMMO POINT.		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION					AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
SNIPER COMPETITION					FOR TRAINING, TARGET PRACTICE AND COMBAT.		
					2-29 IN POLICIES ON RANGE OPERATIONS		
					RANGE SAFETY BRIEF TO LEADERS		
(TARGET DETECTION)	RICOCHET BY ANOTHER SOLDIERS BULLET	M	LANES WILL BE CHECKED FOR RICOCHET HAZARDS BEFORE TRAINING, ALL SNIPERS BRIEFED ON HAZARDS DURING SAFETY BRIEF	L	MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			THE OIC/RSO WILL ATTEMPT TO CLEAR HAZARDS PRIOR TO TRAINING AND IF THE HAZARD CANNOT BE CLEARED THEN LANE OR LANES		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION SNIPER COMPETITION			WILL NOT BE USED. SNIPERS WILL CEASE-FIRE IF AIRCRAFT ENTER ZONE AND WILL BE BRIEFED ONLY TO FIRE AT TARGETS		AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
			IN THEIR LANE AND NOT FIRE AT ANYTHING THAT MAY DEFLECT THE TRAJECTORY OF THE ROUNDS. EAR AND EYE PRO WILL BE WORN		FOR TRAINING, TARGET PRACTICE AND COMBAT.		

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?
(TARGET DETECTION)			WHILE IN THE PIT AREA ALL COMMANDS WILL BE GIVEN BY THE TARGET PIT NCOIC/SNIPER INSTRUCTOR		MCOE RANGE AND TERRAIN REGULATION 350-19 MCOE PM 385-6-14	OIC NCOIC RSO CLS	
M110 / XM2010 FIELD FIRE (DAY AND NIGHT)			WHILE IN THE PIT AREA, ALL SNIPERS TO INCLUDE SNIPER INSTRUCTORS WILL REMAIN AS CLOSE TO THE TARGET PIT WALL AS POSSIBLE FOR		FM 5-19, RISK MGMT FOR OPERATIONS AND TRAINING	MEDICS BUDDY TEAM INDIVIDUAL SNIPER INSTRUCTOR	
RANGE ESTIMATION SNIPER COMPETITION			PROTECTION WHILE LIVE FIRING IS BEING CONDUCTED RADIO COMMUNICATIONS WITH THE TARGET PIT AND THE FIRING LINE		AR 385-63, POLICIES AND PROCEDURES FOR FIRING AMMUNITION		
			WILL BE ESTABLISHED PRIOR TO CONDUCTING LIVE FIRE AND WILL BE MAINTAINED AT ALL TIMES				



Ruth Range Sniper School Sniper Live Fire Baseline Lanes 1-4 And Pistol Engagement
 LL & RL = Yrils Grid Az; M82, M107 (.50 cal B&T); M4 (5.56mm B&T)
 M2010 (.500 Win Mag), .338 Lapua; M24/M110/SR25/AR10/M21, M40A3 (7.62mm M118)
 *Lane 1: 1151 0103 to 1149 0101; LL= 1975, RL= 2180
 *Lane 2: 1149 0101 to 1148 0099; LL= 2130, RL= 2410
 *Lane 3: 1148 0099 to 1146 0097; LL= 2355, RL= 2555
 *Lane 4: 1146 0097 to 1144 0095; LL= 2545, RL= 2755
 *Pistol Engagement: 1152 0102 to 1150 0100
 M9 (9mm Ball), M1911 (.45 cal Ball), LL= 2270, RL= 2455