

**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:** 1 Aug 2011  
**Range:** Maertens  
**Title:** KD Standard  
**Problem No:** N/A

LOG # 8-1-11

**THRU:** Chief of Range Operations  
Fort Benning, GA. 31905

**FROM:** Survey, Range Operations  
Fort Benning, GA. 31905

**SECTION I, TYPE OF TRAINING**

a. Live Fire       b. Non-live Fire      CP/Controller Coordinates: GA 0016 8243

**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 ATTACHMENT #1	SEE ATTACHMENT #1	SEE ATTACHMENT #1	SEE ATTACHMENT	SEE ATTACHMENT

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

Name/rank of requesting officer:  
KENNETH L. WHITEHEAD, GS07, SURVEY TECH

Name/rank of Major Unit S3/Commander:  
BRAD S. TESCH, GS12, Chief Of Range Operations



**SECTION VI, FOR RANGE DIVISION USE**

**DATE:** 8 September 2011

**TO:** Chief of Range Operations  
Fort Benning, GA. 31905

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

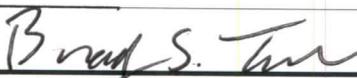
**a. Roadblocks to be closed:** A18, 22, 24, 25, 26, 27, 48, 49, 50.

**b. Road(s) to be closed/road barrier locations:**

**c. Remarks:** Weapons and Ammunition outlined in the range safety waiver will be strictly enforced. Laser warning signs will be in place prior to use.

**d. This approval expires:** Indef

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





DEPARTMENT OF THE ARMY  
HEADQUARTERS, MANEUVER CENTER of EXCELLENCE  
FORT BENNING, GEORGIA 31905

REPLY TO  
ATTENTION OF

IMSE-BEN-PL

29 AUG 2011

MEMORANDUM FOR RECORD

SUBJECT: Maertens Range KD/Sniper Live Fire

1. Reference: DA Pam 385-63, MCoE 350-19
2. Purpose: To conduct live fire training from Known Distances
3. Range and terrain requirements: Maertens
4. Weapons and ammunition types:
  - M24 SWS, M110 SWS, M40A3, SR25, M14; 7.62mm ball (M118)
  - M4, M16A1/4; 5.56mm
  - MK13, M107/M82 Barrett; 300 Win Mag, .50 cal Ball
5. Execution and concept of the operation:
  - a. This exercise will be coordinated by a command post (CP) that will be located 25 meters behind each firing line along with the ammunition supply point, field ambulance, and transportation assets that will also be located 25 meters behind the firing line as we occupy for control purposes.
  - b. RSO/OIC will ensure that all Soldiers understand the limits of the range prior to engaging targets.
  - c. Once the teams have received their safety briefing, they will move to their designated points and establish a position. Once positions have been established, one man from each team will draw ammunition from the ammo point.
  - d. Once in position the Soldiers will load their weapons.
  - e. Safeties will designate the targets to be engaged and give the Soldier a verbal command to fire when ready.
    1. Firers will only fire at the target in their lane.
    2. When shooting from a position, no one will be forward of the firing line.
  - f. Upon completion of each firing line, Soldiers will move forward or backwards 100yds, until completion of all firing points. All weapons will be cleared prior to moving.
6. SAFETY:
  - a. Signals:
    1. Primary means of lifting fires will be a verbal command or alternate means will be walk about radios/voice.

2. Safeties will be at each firing point.
3. Communication will be maintained at all times (with walk about radios) between the firing line and pit. Weapons will be cleared during Target Pit change.
4. Target Pit NCO will ensure all personnel are under the overhead cover when the firing line is hot. Targets will not be changed independently. This will insure the target pit personnel stay under cover till all firing has ceased.

b. Medical:

1. Primary means of coverage will be on site CLS with CLS bag.
2. Unit will use the standard 9 Line MEDEVAC in case of illness or injury. Call 911 and determine what type of evacuation is the most appropriate for the injury. MEDEVAC will be IAW MCoE Regulation 350-19 and 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 this event.
3. When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately report it to Range Control and the using unit's higher headquarters. 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

c. The RSO and OIC will brief the following safety notes to every sniper.

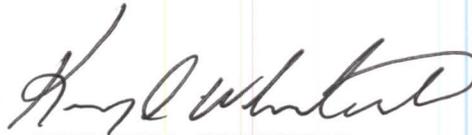
1. All Soldiers are safety officers. Anyone who observes an unsafe act will immediately call for a cease-fire and stop the exercise.
2. All weapons and munitions will be discharged downrange and within the designated limits.
3. All weapons will be on safe unless actively engaging a target.
4. All Soldiers must practice muzzle awareness and point their weapons only at targets they intend to shoot.
5. All Soldiers will have their weapons cleared by a Safety before leaving the firing line.
6. No personnel will be permitted down range except for pit personnel.

d. Ammunition:

An ASP will be established 25 meters behind each firing line as we occupy. The ammo NCO (E-5 or above) will control the storage and distribution of all ammo and will be responsible for the procurement of supplies (fire extinguisher, pallets, waterproofing, etc) and the establishment, maintenance, and operation of the ASP. Soldiers will only receive enough

ammo for the live fire exercise and upon completion of the exercise, the RSO/OIC will ensure no one has any brass residue or ammunition in his/her possession. All brass will be returned to the ASP.

7. The point of contact for this memorandum is Mr. Whitehead, 706-544-6267.



KENNETH L. WHITEHEAD  
GS07, SURVEY TECH  
Range Operations

**Maertens Range Division Standard KD Weapons & Ammo Enclosure**

<b>Firing Positions</b>	<b>Weapons</b>	<b>Ammunition</b>	<b>Left Limit Mils, Grid Az</b>	<b>Right Limit Mils, Grid Az</b>
100 Yrd FL: FP1 to FP20 0011 8199 to 0007 8199	M4/M16, M24/M110/SR25/M14/M21/M40 MK13, M107/M82 Barrett	5.56mm Ball, 7.62mm Ball (M118) 300 Win Mag, .50 cal Ball	3236	3257
200 Yrd FL: FP1 to FP20 0012 8208 to 0007 8208	Same as 100 Yrd FL	Same as 100 Yrd FL	3241	3252
300 Yrd FL: FP1 to FP20 0012 8217 to 0008 8217	Same as 100 Yrd FL	Same as 100 Yrd FL	3243	3250
400 Yrd FL: FP1 to FP20 0013 8226 to 0008 8227	Same as 100 Yrd FL	Same as 100 Yrd FL	3243	3249
500 Yrd FL: FP1 to FP20 0013 8235 to 0008 8236	Same as 100 Yrd FL	Same as 100 Yrd FL	3245	3249
600 Yrd FL: FP1 to FP20 0013 8245 to 0009 8245	Same as 100 Yrd FL	Same as 100 Yrd FL	3246	3250
700 Yrd FL: FP1 to FP20 0014 8254 to 0009 8254	Same as 100 Yrd FL	Same as 100 Yrd FL	3245	3248
800 Yrd FL: FP1 to FP20 0014 8263 to 0010 8263	Same as 100 Yrd FL	Same as 100 Yrd FL	3246	3249
900 Yrd FL: FP1 to FP20 0015 8272 to 0010 8272	Same as 100 Yrd FL	Same as 100 Yrd FL	3245	3248
1000 Yrd FL: FP1 to FP20 0015 8281 to 0010 8281	Same as 100 Yrd FL	Same as 100 Yrd FL	3245	3248

**Maertens Range, Range Division Standard Package (Log #8-01-11) Roadblock List 15 March 2011**

BLOCK	GRID	LOCATION	TYPE
A-1	911 792	Across firebreak 200m down Fiske Range at right end of KD berm. Permanently closed.	Cable
A-2	910 783	Off Sightseeing Rd on unnamed trail opposite of entrance to LRC.	Gate
A-4	925 766	Off Sunshine Rd 1,200 m W. of entrance to Grandstaff range.	Gate
A-5	936 762	Across entrance road to Grandstaff Range. 10m N. of Sunshine Rd.	Gate
A-6	939 763	Off Sunshine Rd 100m W. of Oswichee Creek. Permanently closed.	Cable/Berm
A-8	968 740	Across unnamed trail 30m N. of Sunshine Rd and 800m N.W. of entrance to Griswold Range.	Gate
A-10	018 730	Across entrance road to Flint Range. 50m N. of Sunshine Rd.	Gate
A-11	019 731	Across Lumpkin Trail 30m N. of its intersection with Sunshine Rd.	Gate
A-11A	032 729	Rd guard pos # 2 for Garnsey Rng Obj 'E' (intersection Jamestown/Sunshine Rd's	Rd Grd # 2
A-12	033 742	Across Garnsey Rd 50m W. of its intersection with Jamestown Rd.	Gate
A-12A	029 744	Across Garnsey Rd 400m W. of A-12 Roadblock.	Gate
A-12B	028 741	Across trail 150m SW of A-12A Roadblock. 50m W. of Range Bldg.	Gate
A-12C	036 746	Road guard position # 3 for Garnsey Rng Objective 'E' (Jamestown at Lightning Rd)	Road Guard # 3
A-13	936 762	Across Sunshine Rd 10m E. of the entrance to Grandstaff Range. (Road guard location)	Gate
A-14	974 733	Across Sunshine Rd 10m W. of the entrance to Griswold Range. (Road guard location)	Gate
A-15	021 799	Across entrance road to Buchanan Range.	Gate
A-15A	021 798	Gate Across Good Luck Rd	Gate
A-15B	022 796	Road guard position # 1 for Garnsey Rng Objective 'E' (Jamestown road SW corner of Engineer building)	Road Guard # 1
A-18	993 828	Across Buckeye Rd 225m S. of its intersection with 1st Div Rd. and 50m E. of entrance to Duke Range	Gate
A-19	973 825	Across entrance road to Patton Range 400m S. of its intersection with 1st Div Rd.	Gate
A-20	974 827	Across entrance road to Dianda Range. 300m S. its intersection with 1st Div Rd.	Gate
A-22	015 817	Across unnamed trail 50m N. of Brinson Range and 10m off Jamestown Rd.	Gate
A23	983 756	Across Lumpkin Trail 200m E. of Griswold Range	Gate
A-23A	005 748	On Lumpkin trail 50m NW of Objective 'E' on Garnsey Range.	Gate
A-23B	005 747	Adjacent to A-23A gate on trail near intersection of Lumpkin trail	Install Gate
A-24	015 811	10m inside entrance gate of Brinson Rng south of entrance road.	Gate
A-25	016 789	Across fire break 10m W. of its intersection with Good Luck Rd.	Gate
A-26	013 798	On L/S of Buchanan Range 50 meters W. of chow area across entrance to fire break.	Cable
A-27	018 805	Across unnamed trl 175m N of intersection of Hourglass and Jamestown roads	Gate

BLOCK	GRID	LOCATION	TYPE
A-28	012 774	20 meters off Yankee road on south side of Galloway range.	Gate
A-28A	011 776	30 meters south of Range Tower	Gate
A-30	026 758	Across fire break leading to Garnsey Range. 140m SW of Brann Flat Range.	Gate
A-30A	027 758	Across trail leading to Garnsey Range 50m E. of A-30 Roadblock	Gate
A-31	020 745	Across fire break leading to Brann	Cable
A-32	989 724	Across entrance road to Kunzig Range.	Gate
A-33	974 734	Across entrance to Griswold Range.	Gate
A-33A	979 739	150 meters west of Target Systems bldg on trail leading to move to contact site	Gate
A-33B	982 739	20m N of Target Sys bldg on trail running on west side of bldg.	Install Gate
A-34	947 760	Across entrance to Minter Hill 700m E. of Oswichee Creek.	Gate
A-38	952 816	Across fire break 300m down range of firing line on Red Cloud Range on L. side of range.	Cable
A-39	956 822	Across unnamed trail 100m S. of bldgs on Buckner Range on L. side of range	Cable
A-40	967 823	Across fire break 50m down range on the left side of Pierce Range.	Gate
A-41	972 820	Across fire break located on the right side of the firing line on Patton Range.	Cable
A-42	978 820	Across fire break located on the left side of the firing line on Patton Range.	Cable
A-43	983 823	Across fire break located on the right side	Cable
A-44	986 823	Across fire break 100m E. of the 25m flat	Gate
A-45	990 827	Across fire break located on the right side of the firing line on Duke Range.	Gate
A-45A	991 829	Across Booker Breach site entrance road 200m past Duke Rng entrance gate	Gate
A-46	984 832	Across unnamed trail 100m W. of the intersection of 1st Div Rd and Ivy Rd.	Gate
A-47	990 833	Across unnamed trail 500m W. of the intersection with 1st Div & Buckeye Rd's	Gate
A-48	995 827	Across fire break located on the right side of the firing line on Porter Range.	Cable
A-49	998 827	Across fire break located on the left side of the firing line on Porter Range.	Cable
A-50	000 830	Across unnamed trail 200m W. of entrance to Maertens Range.	Gate
A-51	031 791	Barrier on Furman Rd	Barrier 1
A-52	034 776	Barrier on Yankee Rd	Barrier 2
A-53	035 776	Gate to Cole Range	Barrier 3
A-54	046 749	Barrier off Lightning Rd on unnamed trail	Barrier 5
A-55	057 759	Barrier off Lightning Rd on unnamed trail	Barrier 4



# RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



**EMD Number:** 1123502

**Project#:** Unknown

**Project Title:** SNIPER TRAINING

**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.

**Project Location:**

Burroughs, Maertens, Coolidge Left, Buchanan, Griswold, Galloway, Ruth

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

N/A

**Number/Types of Vehicles:**

2ea-2-1/2 ton (TMP), 2ea-1-1/2 ton (TMP)

**Number of Personnel:**

approx 40 pax per class

**Type of Ammunition:**

5.56mm, 7.62mm, .50 cal, 9mm Live and Blank

**Number/Types of Trees:**

N/A

**Size of Project Area:**

**Duration of Action:** Start: 10/1/2011 Stop: 9/30/2012

**Proponent:** joel.hughes1 (706) 544-6006

**Organization/Unit:** US ARMY SNIPER SCHOOL, C CO 2/29TH IN REGT

\*\*\*\*\*  
**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."

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**REC APPROVED THROUGH 30 SEPTEMBER, 2012**

**Natural Resources - RCW**

**Conditions:**

Michael Barron (706 544 7080), 8/25/2011

See attached conditions. Note locations of red-cockaded woodpeckers (RCW) on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s).

Concur with conditions. See attached conditions. Note locations of red-cockaded woodpeckers on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s). Units may fire on existing ranges but must make every effort to contain their firing to the established range footprints. Targets may not be moved from their current positions nor may new targets be established without approval via a separate 144R and a site visit with this office.

**CWA - Training**

**Conditions:**

Jesse Taylor (706 545 0276), 9/2/2011

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 (Figure 6.9.1) 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.

SPECIAL NOTE: See 2010 ASP SOP Training and Deployment.doc for further training requirements.

**Hazardous Materials/Waste**

**Conditions:**

Dudley Carson (706 545 7570), 8/26/2011

**Considerations for Field Training Exercises and Range Operations**

1. 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.
2. Ensure personnel know the correct procedure for handling misfires at the range:
  - 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.
 All excess, unused munitions (including smoke canisters) must be returned to the Ammunition Supply Point (ASP) after the range operation is complete. Defective, misfired, or otherwise unserviceable munitions may be destroyed on the range, as part of the training exercise, in coordination with EOD. 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, dated 23 July 2010.
3. Rubbish, empty containers and other waste shall be removed from the training area after the exercise. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise.
4. Contact POC for questions or additional guidance.

EMD Number: 1123502

IJO# Unknown

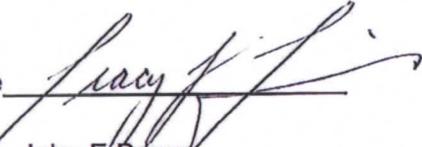
Project Title: SNIPER TRAINING

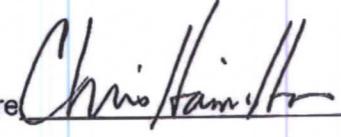
Noise

Conditions:

Ellis Leeder ( 706 545 7576), 8/23/2011

This is normal training operations that must be conducted. If there are any noise complaints received, the Environmental Management Division IONMP and or POA programs will investigate by determining if the noise was detected by noise detection monitors, 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 to travel off Installation boundary. If any assistance or a copy of MCoE Regulation 350-19 is needed please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.leeder@us.army.mil

Signature   
for John E. Brown  
NEPA Program Manager  
Date 6 September 2011

Signature   
Christopher E. Hamilton, PhD  
EPMB Chief  
Date 7 Sep 11