

EXP DATE 8 DEC 14

II0091mc

TRANSMITTAL, ACTION AND CONTROL

For use of this form see MCoE Memo 25-52; the proponent is SGS

1. SGS LOG:	2. IN SGS:	3. OUT SGS:	4. DATE PREPARED:
ES13129246	3 Dec 13	9 Dec 13	15 October 2013

5. SUBJECT: U S ARMY MARKSMANSHIP UNIT RANGE SAFETY WAIVER, HOOK RANGE COMPLEX

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER:	7. DIRECTOR'S/COMMANDER'S SIGNATURE:
CPT Ryan A. Calhoun, USAMU/S3, 706-545-3510	Don A. King JR, LTC, SF, Commanding <i>DAKJ</i>

SIGNATURE APPROVAL INFORMATION

SGS DCofS GC CSM USAIS CSM USAARMS CSM MCoE CSM CDID

GC CIG CoS SA DCG-NG Comdt, IN School Comdt, AR School CG

1. PURPOSE: To obtain the MCOE Commanding General's approval for Hook Range Complex Safety Waiver.

2. RECOMMENDATION: Commanding General signs the Hook Range Complex Safety Waiver.

3. DISCUSSION:

REFERENCE: AR 385-63, Range Safety, 30 JAN 12. DA PAM 385-63, Range Safety, 30 JAN 12. TRADOC Regulation 385-2, TRADOC Safety Program, 06 DEC 11, MCoE Reg 350-19, Range and Terrain Reg, MAR 13.

a. Hook Range Complex is a Trap and Skeet range where all firing is done from fixed firing points and targets are thrown to specific standards..

b. Risk management factor were considered in the development of the Range Safety Waiver. The residual risk level is marked as LOW.

c. The above reference (TRADOC REG 385-2) delegates waiver authority to General Officers commanding TRADOC installations to reduce dimensions of SDZ's when terrain, artificial barriers, other barriers or the controlling factors make smaller surface danger zones safe.

d. Enclosures are as follows: USAMU Range Safety Request, CG Range Safety Waiver, Map Depicting SDZ, Risk Management Worksheet.

SIR: Recurring annual waiver. No issues. Fully staffed & coordinated. Recommend approval. V/R BRS

4. THIS DOCUMENT IS AUTHORED BY:

8. COORDINATION/APPROVAL

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Range Div	Concur	15 Nov 13 BRS-Z			
Safety	Concur w/c	R. Edem 22 NOV 13			
DPTMS	Concur	R. Edem 5 DEC 13			
G-3	Concur	GC Humes 3 DEC 13			
G3XD	Concur	W. Johnson 22 NOV 13			

STAFF REMARKS: (Command Group Use Only)

APPROVAL AUTHORITY

APPROVED:

DISAPPROVED:

NOTED:



DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-500

REPLY TO
ATTENTION OF

9 DEC 2013

ATAL-SBM-X

MEMORANDUM FOR Director, Plans, Training, Mobilization and Security, U.S. Army
Garrison, Fort Benning, Georgia 31905

SUBJECT: Range Safety Waiver for Hook Range

1. References:

- a. AR 385-63, Range Safety, 30 Jan 12.
- b. DA PAM 385-63, Range Safety, 30 Jan 12.
- c. TRADOC Regulation 385-2, TRADOC Safety Program, 23 Jan 09.
- d. MCoE Regulation 350-19, Range and Terrain regulation, Mar 13.

2. Areas to be waived:

- a. Area #1: The surface danger zone area that covers the portion of Parks Range including the test facility, ammo bunker and the pistol firing line. (Enclosure 1)
- b. Area #2: The surface danger zone that extends from lanes 1, 2, and 3 to a small portion of Pool Range. (Enclosure 2).

3. Controlling Factors:

- a. Area #1: Due to the direction of firing at the targets, most shot does not travel farther than the barrier trees that separate Hook Range Complex from Parks Range. These trees mitigate a large percentage of the shot and the remaining shot that does make it past the trees is not moving at a velocity to cause unsafe conditions to fires on Parks Range.
- b. Area #2: There is a small amount of trees between lanes 1, 2, and 3 as well as a berm at the 300 yard line of Pool range that will stop a large portion of shot that travels to the down range portion of Pool Range.

4. Under the provisions mentioned above, the portion of the surface danger zone that covers Parks Range including the test facility, ammo bunker and the pistol firing line and the portion of the surface danger zone that extends from lanes 1, 2, and 3 to the small portion of Pool Range are waived.

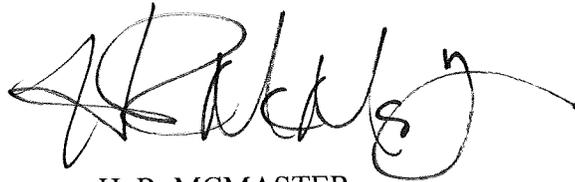
ATAL-SBM-X

SUBJECT: SUBJECT: Range Safety Waiver for Hook Range

5. Risk management factors for this waiver are integrated in the unit's Risk Management Work Sheet. The residual risk level is marked MODERATE.

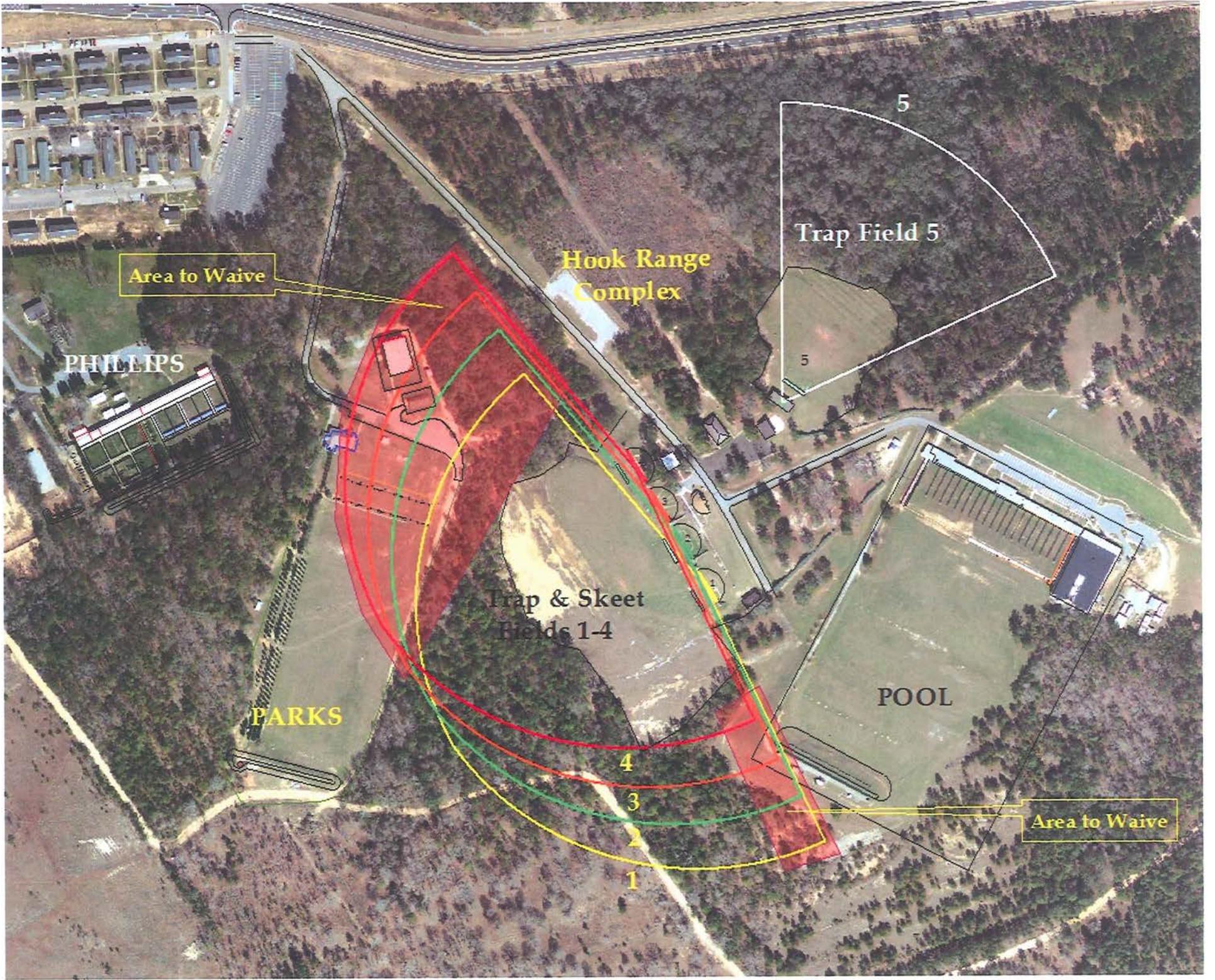
6. This waiver is valid for the period of one year (12 months) from the date of this memorandum when used in conjunction with live fire range scenario and risk management worksheet. In the event of an accident arising from the use of the waived condition, this waiver becomes invalid until reinstated by this headquarters.

7. The point of contact is Mr. Brad Tesch, Operations Officer, Range Division, Directorate of Plans, Training, Mobilization, and Security, 706-544-6385.

A handwritten signature in black ink, appearing to read 'H. R. McMaster', with a large, stylized flourish extending to the right.

H. R. MCMASTER
Major General, USA
Commanding General

Encls
as



Area to Waive

Hook Range Complex

Trap Field 5

PHILLIPS

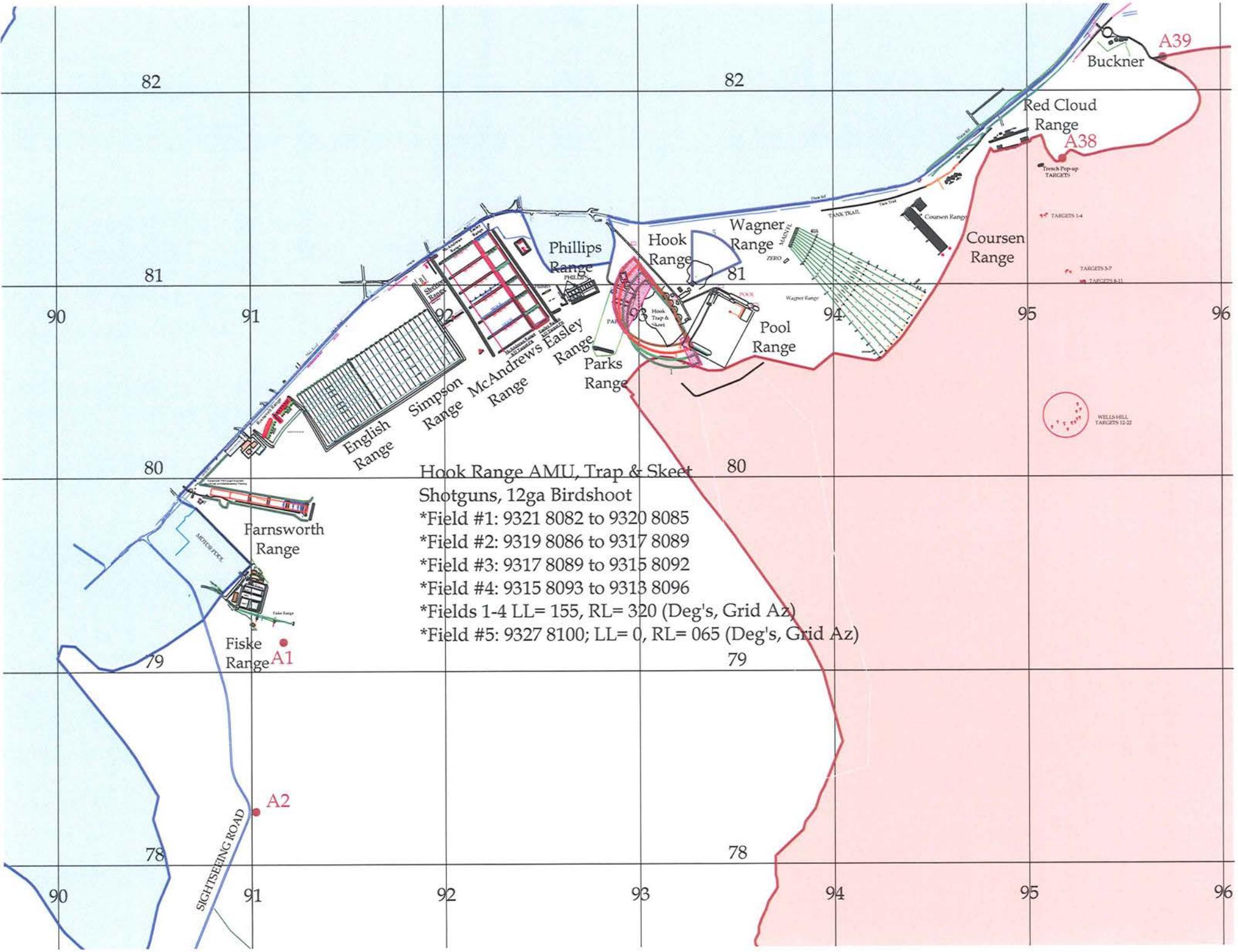
Trap & Skeet Fields 1-4

PARKS

POOL

Area to Waive

4
3
2
1



Hook Range AMU, Trap & Skeet
 Shotguns, 12ga Birdshoot
 *Field #1: 9321 8082 to 9320 8085
 *Field #2: 9319 8086 to 9317 8089
 *Field #3: 9317 8089 to 9315 8092
 *Field #4: 9315 8093 to 9313 8096
 *Fields 1-4 LL= 155, RL= 320 (Deg's, Grid Az)
 *Field #5: 9327 8100; LL= 0, RL= 065 (Deg's, Grid Az)

COMPOSITE RISK MANAGEMENT WORKSHEET

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

1. MSN/TASK Marksmanship Training Hook Complex	2a. DTG BEGIN 20130601	2b. DTG END 20140601	3. DATE PREPARED (YYYYMMDD) 20130516
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4. PREPARED BY		
a. LAST NAME Baxter	b. RANK SFC	c. POSITION USAMU NCOIC Shotgun Shooting Section

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?
Conduct Small Arms Training, Matches, and Qualifications.	Personnel injury due to accidental discharge of a weapon.	M	Weapons only loaded and unloaded on the firing line. Shooters extensively trained in Weapons and Range Safety. Weapons maintained to high standards. Gunsmiths inspect all weapons.	L	IAW: Hook Complex SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range PSG RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training, Matches, and Qualifications.	Personnel injury due to accidental discharge of a weapon.	M	Range Officer and Range Safety Officer must complete Range Safety Class. Combat Lifesaver and bag on range. Eye and Hearing protection available and must be worn.	L	IAW: Hook Complex SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range PSG RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training, Matches, and Qualifications.	Personnel injury due to accidental discharge of a weapon.	M	Armed Forces Personnel, Civilians, VIP, and Junior Shooters will have Military supervision. Liability Form must be signed prior to shooting. Junior Shooter's consent signed by an adult.	L	IAW: Hook Complex SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range PSG RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training, Matches, and Qualifications.	Unauthorized Personnel are downrange during firing	M	Range opened and closed with Range Control. Range flag and barricades in place during firing. Firing terminated during periods of limited visibility of 50 to 75 meters.	L	IAW: Hook Complex SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range PSG RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training, Matches, and Qualifications.	Unauthorized Personnel are downrange during firing	M	Cease Fire implemented if authorized personnel observed down range. 100% monitoring of the Range Control Radio.	L	IAW: Hook Complex SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range PSG RSO, OIC Line Safety Combat Lifesaver	
Daily Risk Management Worksheet	General Range Hazards	M	OIC, RSO, and Safeties will brief on hazards listed on the Daily Risk Assessment Worksheet.	L	IAW: Hook Complex SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range PSG RSO, OIC Line Safety Combat Lifesaver	

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 King	b. RANK LTC	c. DUTY POSITION USAMU Commander	d. SIGNATURE KING.DON.ALEX.JR.1026262889
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RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 8/19/2013

EMD Number: 1323109

Project#: Unknown

Project Title: USAMU Ranges and Training Areas

Description of proposed action:

Personnel will train and compete by firing live fire ammunition at ranges of 7-1000 yards into known and unknown distances into the impact areas.

Project Location:

Easley, McAndrews, Shelton, Phillips, Parks, Hook Range Complex, Pool Range Complex, Maertens, Krilling, Wagner, Malone 5, Malone 12, Malone 18

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

200

Type of Ammunition:

.22-.50 CAL Live

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 10/1/2013 Stop: 9/30/2014

Proponent: Michael Buss

545-7174

Organization/Unit: USAMU

Number/Types of Vehicles:

Number of vehicles: 100

Types of vehicles: GOV/POV

Yes-Vehicles will be going off road.

What type of vehicles will be going off road: ALL

.....
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, 2014

Noise

Conditions:

Ellis Leeder (706 545 2400), 8/20/2013

This is training operations request for training. If there is any operational noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding noise abatement areas. Please follow good smoke management practices not allowing smoke or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved CS gas sites. Please visit the Range Operations website to obtain a list of approved weapons per Range or Firing Points. Leave the training areas, firing range, latrines in a clean condition; contact Range Operations if unclean conditions are found or clean up costs or cleaning endeavors by proponent could occur to last user. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19, range guidance and other materials for your range packet. This 144r must be present at the training site when occupying compartment or ranges.

EMD Number: 1323109

IJO#

Project Title: USAMU Ranges and Training Areas

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/19/2013

Ensure personnel know the correct procedure for handling misfires at the range:

- 1. 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.

- 2. 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.

CWA - Training

Conditions:

Jessica Taylor (706 604 4572), 8/19/2013

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

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

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

Natural Resources - RCW

None

Michael Barron (706 544 7080), 8/19/2013

Signature: John E Brown

John E Brown

NEPA Program Manager

Date: 20 AUG 2013

Signature: Christopher E. Hamilton

Christopher E. Hamilton, PhD

EPMB Chief

Date: 21 Aug 13



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

REPLY TO
ATTENTION OF
ATZB-SO

20 November 2013

MEMORANDUM FOR Commander, USAMU, Attn: CPT Ryan Calhoon, Fort Benning, GA
31905

SUBJECT: USAMU Hook Range Deviation and Safety Review

1. References.

- a. USAMU Hook Range Waiver.
- b. Army Regulation 385-63, Range Safety, 19 May 2003
- c. Field Manual 5-19, Composite Risk Management, August 2006
- d. Army Regulation 190-11, Physical Security of Arms, Ammunition, and Explosives, 15 November 2006
- e. Army Regulation 385-10, The Army Safety Program, 24 August 2007
- f. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010
- g. Department of the Army Pamphlet 385-30, Mishap Risk Management, RAR 01 February 2010
- h. Department of the Army Pamphlet 385-64, Ammunition and Explosives Safety Standards, 24 May 2011
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 23 July 2010

2. Document received on 19 November 2013.

3. Concur w/comment.

 a. CRMW, Blocks 7 & 9, pg. 1. "Personnel injury due to accidental discharge of a weapon", recommend that you elevate the Initial and Residual risks to "HIGH" and "MODERATE". The introduction of a foreign object (72 – 250 grains) at supersonic speeds (1200 – 3900 fps) can be catastrophic to the human body.

ATZB-SO

SUBJECT: USAMU Hook Range Deviation and Safety Review

RR ✓ b. CRMW, Blocks 7 & 9, pg. 2. "Injury due to extreme Heat/Cold, Foul Weather Lightning", recommend that you elevate the Initial and Residual risks to "HIGH" and "MODERATE". Due to the geographic location of Fort Benning, humidity, and the number of heat illness we experience annually the risk should be elevated.

RR ✓ c. CRMW, Block 13, pg. 1. The overall risk level is elevated to MODERATE, if the above recommendations are implemented.

RR ✓ d. CG Letter, paragraph 5. The overall risk level is elevated to MODERATE, if the above recommendations are implemented.

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

Encl


JILL E. CARLSON
Director, MCoE/USAG Safety