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:** 21 June 2011 Log #07-33-11 **Range:** Maertens Range **Title:** Marksmanship Training **Problem No:**
THRU: USAMU S3 Operations	**FROM:** USAMU Service Rifle Section

SECTION I, TYPE OF TRAINING

☒ a. Live Fire ☐ b. Non-live Fire CP/Controller Coordinates: 0015 8247

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 Enclosure	See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure	See Weapons & Ammo Enclosure

SECTION IV, LIVE FIRE EXERCISES Attach the following:

- ☒ **Scenario of training to be conducted:**
- ☒ **Sketch of area:**
- ☒ **Risk Assessment:**
- ☐ **Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:**

SECTION V, NON-LIVE FIRE TRAINING

Training area(s) to be occupied:

- ☐ **Scenario of training to be conducted:**
- ☐ **Sketch of area(s) to be occupied:**
- ☐ **Risk Assessment:**

Name/rank of requesting officer: MICHAEL BUSS, SFC, S3 RANGE NCOIC	Name/rank of Major Unit S3/Commander: HOWARD G. RICE, CPT, HHD, CDR/S3

SECTION VI, FOR RANGE DIVISION USE

DATE: 4 Oct 11

TO: USAMU S3 Operations	**FROM: Range Division,** **Directorate of Plans, Training,** **Mobilization and Security** **Fort Benning, GA 31905**

a. Roadblocks to be closed: A: 18, 22, 24, 25, 26, 27, 49, 50.

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

c. Remarks: Weapons and ammunition listed in the range safety waiver will be strickly 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

Brad S. Teal

Maertens Range AMU Marksmanship Training (Log #07-33-11) Tank Weapons/Ammo List Enclosure			
Firing Positions	**Weapons & Ammunition**	**Left Limit Mils, Grid Az**	**Right Limit Mils, Grid Az**
100 Yrd FL: FP1 to FP20 0011 8199 - 0007 8199	Type III, IV, V	3235	3257
200 Yrd FL: FP1 to FP20 0012 8208 - 0007 8208	Type III, IV, V	3241	3252
300 Yrd FL: FP1 to FP20 0012 8217 - 0008 8217	Type III, IV, V	3243	3250
400 Yrd FL: FP1 to FP20 0013 8226 - 0008 8227	Type III, IV, V	3245	3249
500 Yrd FL: FP1 to FP20 0013 8235 - 0008 8236	Type III, IV, V	3244	3249
600 Yrd FL: FP1 to FP20 0013 8245 - 0009 8245	Type III, IV, V	3246	3250
700 Yrd FL: FP1 to FP20 0014 8254 - 0009 8254	Type III, IV, V	3245	3248
800 Yrd FL: FP1 to FP20 0014 8263 - 0010 8263	Type III, IV, V	3246	3249
900 Yrd FL: FP1 to FP20 0015 8272 - 0010 8272	Type III, IV, V	3245	3248
1000 Yrd FL: FP1 to FP20 0015 8281 - 0010 8281	Type III, IV, V	3245	3248
1000 Yrd Vice: 0015 8281	Type III, IV, V	3248	3250

NOTE: The Target For The Vice Located On The Left Side of The 1000 Yrd Firing Line is target #1 in the KD target pit. Type III and IV weapons/ammo are various military and civilian to include custom UAMU weapons/ammo (see enclosed UAMU list of type weapons/ammo). Type V weapons/ammo are various type LASER's. LASER warning signs will be in place prior to use.

USAMU

TYPE OF WEAPON / AMMUNITION

TYPE ONE PISTOL, SHOTGUNS, SUBMACHINE GUNS

WEAPON NAME	WEAPON NOMENCLATURE	AMMO DODIC	AMMO NOMENCLATURE
PISTOL .22-.45 CAL	NON-MILITARY WEAPONS SYSTEMS	0003	22 TO 45 BALL (COMMERCIAL)
PISTOL .22-.45 CAL	NON-MILITARY WEAPONS SYSTEMS	0004	22 TO 45 JHP (COMMERCIAL)
PISTOL .22-.45 CAL	NON-MILITARY WEAPONS SYSTEMS	0006	.22 TO 45 FX MARKING CARTRIDGES BALL (COMMERCIAL)
M1911A1	PISTOL .45 CAL	NONE	NON-MILITARY MUNITIONS
M9	PISTOL, 9MM AUTOMATIC M9	AA49	CARTRIDGE, 9MM BALL M882
M9	PISTOL, 9MM AUTOMATIC M9	A363	9MM BALL PISTOL (NEW)
M9	PISTOL, 9MM AUTOMATIC M9	NONE	NON-MILITARY MUNITIONS
MAKAROV	PISTOL, 9MM FOREIGN WEAPON SYSTEM	AA49	CARTRIDGE, 9MM BALL M882
SIMUNITION	WEAPONS, SIMUNITIONS SYSTEMS (9MM)	AA12	9MM, FX MARKING CARTRIDGE RED
SIMUNITION	WEAPONS, SIMUNITIONS SYSTEMS (9MM)	AA21	9MM, FX MARKING CARTRIDGE BLUE
M19	SHOTGUN, 12 GAGE	NONE	NON-MILITARY MUNITIONS
SHOTGUN	NON-MILITARY WEAPONS SYSTEMS	NONE	NON-MILITARY MUNITIONS
PAINTBALL	PAINTBALL/FX MARKING CATRIDGE (NON-MILITARY)	NONE	NON-MILITARY MUNITIONS
MOUT/RIOT CONTROL	MOUT/ RIOT CONTROL MUNITIONS	AA29	CART 12 GAGE BEAN BAG NON-LETH
MOUT/RIOT CONTROL	MOUT/ RIOT CONTROL MUNITIONS	AA31	12 GAGE FIN STAB RUBBER
MOUT/RIOT CONTROL	MOUT/ RIOT CONTROL MUNITIONS	AAAA	GRENADE, STINGER, RUBBER BALL GRENADE BODY
MOUT/RIOT CONTROL	MOUT/ RIOT CONTROL MUNITIONS	AAAE	RUBBER PELLET ROUND, HIGH VELOCITY (12 GAUGE)
M19	SHOTGUN, 12 GAUGE	A011	12 GAUGE SHOTGUN 00 BUCKSHOT
M19	SHOTGUN, 12 GAUGE	A015	CTG, 12 GAUGE #8 SHOT
M19	SHOTGUN, 12 GAUGE	A017	12 GA #9 SHOT
M19	SHOTGUN, 12 GAUGE	A023	CTG, 12 GAGE
M19	SHOTGUN, 12 GAUGE	AA29	CART 12 GAUGE BEAN BAG NON-LETH
M19	SHOTGUN, 12 GAUGE	AA31	12 GAUGE FIN STAB RUBBER
M19	SHOTGUN, 12 GAUGE	AA51	12 GAUGE, M1012, POINT CONTROL
M19	SHOTGUN, 12 GAUGE	AA52	12 GAUGE, M1013, CROWD CONTROL
M19	SHOTGUN, 12 GAUGE	AA54	BREACHING ROUND (M1030)
M1911A1	PISTOL .45 CAL	A482	45 BALL WADCUTTER
M1911A1	PISTOL .45 CAL	A483	45 BALL MATCH
M9	PISTOL, 9MM AUTOMATIC M9	X236	NON-MILITARY MUNITIONS
S & W MDL 10	REVOLVER .38 CAL. SPECIAL 4 IN BRL	A404	38 SPECIAL WADCUTTER
S & W MDL 10	REVOLVER .38 CAL. SPECIAL 4 IN BRL	NONE	NON-MILITARY MUNITIONS
32 - 45 CAL PISTOL	NON-MILITARY, MATCH 32 - 45 PISTOL	A349	CTG, CAL 32 BALL
32 - 45 CAL PISTOL	NON-MILITARY, MATCH 32 - 45 PISTOL	NONE	NON-MILITARY MUNITIONS

USAMU
TYPE OF WEAPON / AMMUNITION

TYPE TWO

AUTOMATIC AND FOREIGN AUTOMATIC WEAPONS 5MM - 8MM COMMERCIAL AMMO

WEAPON NAME	WEAPON NOMENCLATURE	AMMO DODIC	AMMO NOMENCLATURE
M240 B/C/G	M240B/C/G MACHINE GUN	A143	7.62MM BALL LNKD F/MG
M249	M249 MACHINE GUN 5.56 MM	A062	5.56 MM BALL LNKD F/SAW
M249	M249 MACHINE GUN 5.56 MM	AA33	5.56 MM BALL COMMERCIAL PACK, CTG
AK47	AK47, RUSSIAN (7.62MM) WEAPON SYSTEM	NONE	NON-MILITARY MUNITIONS
AK47	AK47, RUSSIAN (7.62MM) WEAPON SYSTEM	A102	7.62MM BALL AK47 RIFLE

TYPE THREE

MILITARY RIFLES < 5500M

WEAPON NAME	WEAPON NOMENCLATURE	AMMO DODIC	AMMO NOMENCLATURE
M16A1	RIFLE 5.56MM	A058	CTG, 5.56MM BALL M855
M16A1	RIFLE 5.56MM	NONE	NON-MILITARY MUNITIONS
M16A2/3 M4	RIFLE 5.56MM M16A2/3 &M4	A059	5.56MM BALL F/M16A2
M16A2/3 M4	RIFLE 5.56MM M16A2/3 &M4	AA33	5.56MM BALL COMMERCIAL PACK, CTG
M16A2/3 M4	RIFLE 5.56MM M16A2/3 &M4	AA53	77 GR BH MATCH 5.56MM BALL MOLY COATED
M16A2/3 M4	RIFLE 5.56MM M16A2/3 &M4	NONE	80 GR BH MATCH 5.56MM BALL
M16A2/3 M4	RIFLE 5.56MM M16A2/3 &M4	NONE	90 GR BH MATCH CUSTOM HL
M16A2/3 M4	RIFLE 5.56MM M16A2/3 &M4	NONE	NON-MILITARY MUNITIONS
SKS (RUSSIAN MODEL)	RIFLE 7.62MM FOREIGN WEAPON SYSTEM	NONE	NON-MILITARY MUNITIONS
SR 25 SEMI AUTO	SR 25 SEMI AUTO	A136	7.62MM BALL (SNIPER)
SR 25 SEMI AUTO	SR 25 SEMI AUTO	A171	7.62MM SPEC M852 MATCH
SR 25 SEMI AUTO	SR 25 SEMI AUTO	AA11	7.62MM M118 LONG RANGE

USAMU
TYPE OF WEAPON / AMMUNITION

TYPE FOUR — MILITARY RIFLES < ~~6500M~~ 6866M

WEAPON NAME	WEAPON NOMENCLATURE	AMMO DODIC	AMMO NOMENCLATURE
M24	RIFLE, 7.62 SNIPER M24	A136	7.62MM BALL (SNIPER)
M24	RIFLE, 7.62 SNIPER M24	A171	7.62MM SPEC M852 MATCH
M24	RIFLE, 7.62 SNIPER M24	AA11	7.62MM M118 LONG RANGE
M24	RIFLE, 7.62 SNIPER M24	NONE	NON-MILITARY MUNITIONS
M14	RIFLE, 7.62 NATIONAL MATCH GRADE	A171	7.62MM SPEC M852 MATCH
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	NON-MILITARY MUNITIONS
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	0000	6.5 X 284 (COMMERCIAL)
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	0001	7MM SHORT MAGNUM (COMMERCIAL)
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	0002	300 WINCHESTER MAGNUM (COMMERCIAL)
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	30.06 CAL USAMU HANDLOAD
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	6MM (COMMERCIAL)
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	.308 155 GR PALMA CUSTOM HL
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	.308 175 GR M118 LR
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	.308 190 GR CUSTOM HL
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	.308 210 GR CUSTOM HL
RIFLE .22 CAL-7.62MM	NON-MILITARY WEAPON SYSTEM	NONE	.308 220 GR CUSTOM HL
RIFLE .338 LAPUA	NON-MILITARY WEAPON SYSTEM	NONE	.338 LAPUA (COMMERCIAL)
RIFLE .50 BMG	NON-MILITARY WEAPON SYSTEM	NONE	.50 BMG (COMMERCIAL)

TYPE FIVE — LASER

WEAPON NAME	WEAPON NOMENCLATURE	AMMO DODIC	AMMO NOMENCLATURE
LASER	LASER	LASR	LASER (EYE SAFE)
PAQ4	EYE SAFE LASER	LASR	LASER (EYE SAFE)
PEQ2	EYE SAFE LASER	LASR	LASER (EYE SAFE)

DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MARKSMANSHIP UNIT
7031 BILLS STREET
FORT BENNING, GEORGIA 31905-5810

REPLY TO
ATTENTION OF

ATAL-SBM-C

25 OCT 2011

MEMORANDUM THRU: Chief, Range Operations, Directorate of Plans, Training & Mobilization

FOR: USAMU, Service Rifle / Combat Action / Custom Fire Arms Shop Sections

SUBJECT: Maertens Range Live Fire Scenario, Range Utilization SOP

1. USAMU is a strategic enabler of U.S. Army Accessions Command. Its first mission essential task is to support Army recruiting and accessions in an effort to connect America's people to America's Army. To this end, the Unit frequently conducts demonstrations, clinics, and competitions that routinely involve civilian participation. This civilian or non-military participation includes juniors, JROTC cadets, college students, ROTC cadets, MCoE visitors attending official events, DoD employees, non-military organizations, and organized clubs. USAMU's second mission essential task is to support the Warfighter, therefore Soldiers, other Armed Forces Services, Foreign Services, and USAMU Personnel coordinate for use of Maertens Range for training and Soldier Rifle qualifications.

2. Maertens Range is a Known Distance range. The range is primarily used for Marksmanship Training, Qualifications, and Competitions. Rifles and Foreign Weapons are used in the marksmanship portions of training and competitions. All firing will take place from 100-1000 yards. Firing will take place from a fixed firing line.

3. Controlling factors: Civilian and military personnel fire under controlled conditions at all times. All personnel on the range will be trained in the use of their assigned weapon, to include: clearing, loading, unloading, and reducing stoppages. During training, and in competition, a line official or range safety officer gives all firing commands from the center of the firing line. The civilian and military personnel are told when to load, when to observe their target, and their time begins when a designated start signal is given. Civilian and military personnel fire their appropriate course of fire, then a designated signal is sounded to mark when their time has expired. Line safety's and judges clear the firing line and make note of any saved rounds. During training the NCOIC or his representative is responsible to designate the line safety that will clear weapons after each phase of firing is complete. During the firing phase it is the range safety's responsibility to ensure the range is safe until completion of that phase of fire and all weapons are cleared. Civilian and military personnel will shoot from standing, kneeling, crouching, and prone positions as well as being told when to load and when to observe their target. Prior to movement between firing lines all weapons will be cleared and checked by range safeties.

a. Communication will be maintained at all times (with walk about radios) between the firing line and the Target Pit.

b. 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 ensure the target pit personnel stay under cover till all firing has ceased.

c. Fire only at the same Target# as the FP#.

d. Upon completion of each firing line, Soldiers/Civilians will move forwards or backwards 100 yds until completion of all firing points. All weapons will be cleared prior to moving. No One will be forward the firing line.

e. All Soldiers/Civilians are safety officers. Anyone who observes an unsafe act will immediately call for a cease-fire and stop the exercise.

f. All weapons will be on safe unless actively engaging a target.

g. No personnel will be permitted down range except for pit personnel.

h. When changing the Targets or exiting the Target Pit, all weapons will be cleared by the Safeties.

4. Ammunition: An Ammunition Supply Point (ASP) will be established 25 Meters behind each firing line. The ammo NCO will control the storage and distribution of all ammo and will be responsible for the procurement of supplies (fire extinguishers, pallets, etc.) and the establishment, maintenance, and operation of the ASP. Soldiers/Civilians 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.

5. **SAFETY:** Civilian and military personnel will follow all commands of that safety while conducting training. Weapons will be on safe when not engaging targets. A Combat Lifesaver and aid bag is always on the range. In case of emergency where a cease-fire is called hand and arm as well as verbal Cease-Fire will be given. A safety briefing will be conducted by the RSO prior to training. All Soldiers/Civilians receive Range Safety Briefings on procedures, equipment, and hazards. Laser and laser hazards are addressed prior to use, to include a brief instruction on the Laser equipment.

6. 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.

7. 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.

8. 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 weapons and all components and ammunition involved in place. An investigation is required and will be conducted by DOL.

9. 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.

10. POC is CPT Howard G. Rice, USAMU S-3 OIC, (706) 545-7174/1410 or howard.rice@usaac.army.mil.

GS15, DEP 63
DANIEL C. HODNE
LTC, SF
Commanding

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

EMD Number: 1122813 **Project#:** M6193,M6482,M6191,M6854,M6479,M6488 **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 30 to 50 rounds of ammunition.

Project Location:

Maertens,Burroughs,Buchanan,Booker,Galloway,Griswold

Amount, Description, Location of Disturbance/Digging:

None

Number/Types of Vehicles: None

Number of Personnel: approx 36 per class

Type of Ammunition: 5.56MM,7.62MM, .50CAL,9MM Live

Number/Types of Trees: None

Size of Project Area:

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

Proponent: stacey.ballesteros 706-545-5677

Organization/Unit: Range Division

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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), 8/16/2011**

See attached conditions. This is for Griswold Range and does not include the former LFX to the west. 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.

Noise Conditions: **Ellis Leeder (706 545 7576), 8/16/2011**

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 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

EMD Number: 1122813 **IJO#** M6193,M6482,M6191,M6854,M6479,M6488 **Project Title:** Sniper Training

****

CWA - Training **Conditions:** **Jesse Taylor (706 545 0276), 8/30/2011**

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.

Hazardous Materials/Waste **Conditions:** **Dudley Carson (706 545 7570), 8/18/2011**

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.

Signature John E Brown

John E Brown
NEPA Program Manager
01 SEPT 2011

Signature Chris Hamilton

Christopher E. Hamilton, PhD
EPMB Chief
Date 1 Sep 11

RECORD OF ENVIRONMENTAL CONSIDERATION (FB FORM 144R) CONTINUED....

RECORD NUMBER: 1122813

1. Backfill all fighting positions before leaving the training area.

2. There is one Red-cockaded woodpecker cluster in the area of Buchanan Range at centerpoint GL 01870-79902. Occupants of Buchanan Range must be aware of this cluster to the east, along the entrance road.

There are several Red-cockaded woodpecker clusters located in the area around Griswold Range. Note locations on attached map. An exception is granted to conduct live fire on Griswold Range but restrictions apply to the clusters and area adjacent to the Range (see attached). Units must not fire in the direction of the banded trees on the either side of the range. All fire should be to the north and must be concentrated at established targets. All target positions must be backstopped to minimize bullet damage to surrounding trees. These backstops must be maintained to be effective. No positions may be created, moved or expanded without concurrence with Conservation Branch.The Griswold LFX located to the west of Griswold Range in A25 is currently closed and may not be used for live fire exercises.

There are 2 RCW clusters located in the vicinity of Maertins Range at centerpoint GLs 99864-82539 and 00411-81820. An exception is granted to conduct life fire at Maertins Range, but units must not fire into the tree line along the sides of the range and firing must be concentrated at established targets.

Two white bands mark cavity (nest) trees. The cluster boundaries extend approximately 200 feet from the cavity trees and are marked by signs indicating the area is an RCW cluster.

a. **Activities in cluster boundaries are limited to 2 hours with the following activities allowed**: Hasty defense-light infantry-hand digging, foot traffic, wheeled-vehicle traffic (must stay 50 feet from marked trees), vehicle maintenance, 7.62-mm and lower blank firing, artillery/hand grenade simulators, Hoffman type devices, smoke/haze operations-generators or pots (smoke can drift into, but source must be outside boundary), star cluster/parachute flare, cutting of hardwoods for camouflage (do not cut pines).

b. **The following activities are not allowed in the cluster boundary**: No other digging, establishment of command post, assembly area operations, established CS/CSS sites, live fire, noise generators, incendiary devices (including trip flares), CS/Riot gas, HC smoke, tank ditches, deliberate individual fighting positions, crew served fighting positions, vehicle fighting positions, force reduction positions, vehicle survivability postings.

c. Within ½ mile of a cluster, there is no mechanical digging within 20 feet of a mature pine tree (8 inches diameter at breast height or greater).

d. No target positions may be created, moved or expanded without concurrence with Conservation Branch.

3. Report all wildfires to Range Control ASAP.

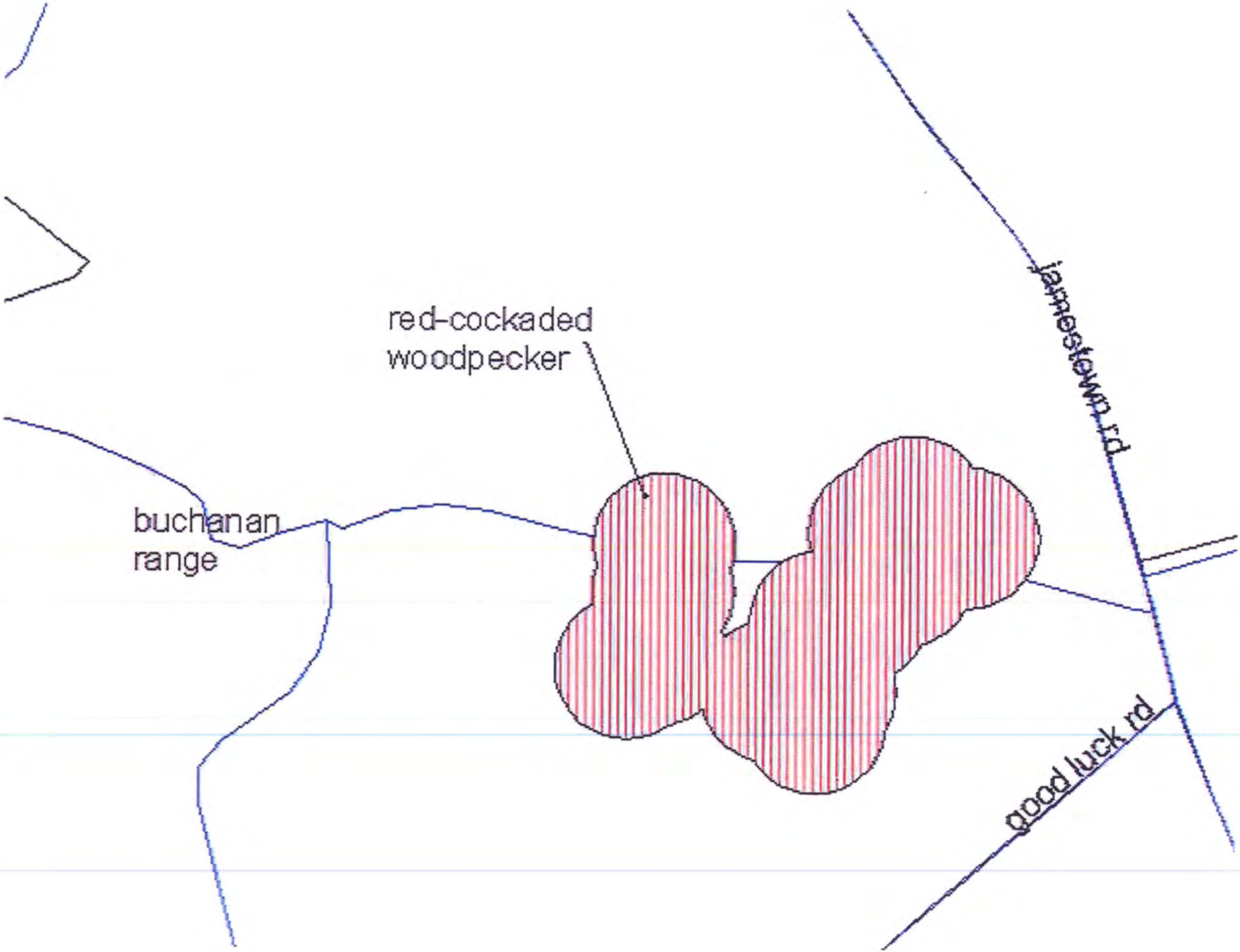
MICHAEL G. BARRON
Wildlife Biologist, NRMB
544-7080/7319

TRAINING ACTIVITY WITHIN 200' BUFFER ZONE	
Maneuver and Bivouac:	
Hasty defense, Light Infantry, Hand digging only, 2 hrs max	yes
Foot Transit	yes
Wheel/Track Vehicle Transit	yes (1)
Cutting Hardwood Camouflage	yes
Vehicle Maintenance, 2 hrs max	yes
Hasty defense, Mechanized Infantry/Armor	no
Deliberate Defense, Light Infantry	no
Deliberate Defense, Mechanized Infantry/Armor	no
Established Command Post, Light Infantry	no
Assembly Area Operations, Light Infantry, Mech Infantry/Armor	no
Established CS/CSS Sites	no
Weapons Firing:	
7.62mm and Below Blank Firing	yes
.50 Cal Blank Firing	yes
Artillery Firing Position	no
MLRS Firing Position	no
All Others	no
Noise:	
Artillery/Hand Grenade Simulators	yes
Hoffman Type Devices	yes
Generators	no
Pyrotechnics/Smoke:	
Smoke, Haze Operations, Generators or Pots	yes (2)
Smoke Grenades	yes
Star Cluster/Parachute Flares	yes
Incendiary Device to Include Trip Flares	no
CS/Riot Gas	no
HC smoke of Any Type	no
Digging:	
Hasty Individual Fighting Positions, Hand Digging Only	yes
Tank Ditches	no
Deliberate Individual Fighting Positions	no
Crew-served Weapons Fighting Positions	no
Vehicle Fighting Positions	no
other survivability/Force Reduction positions	no
Vehicle Survivability Postings	no

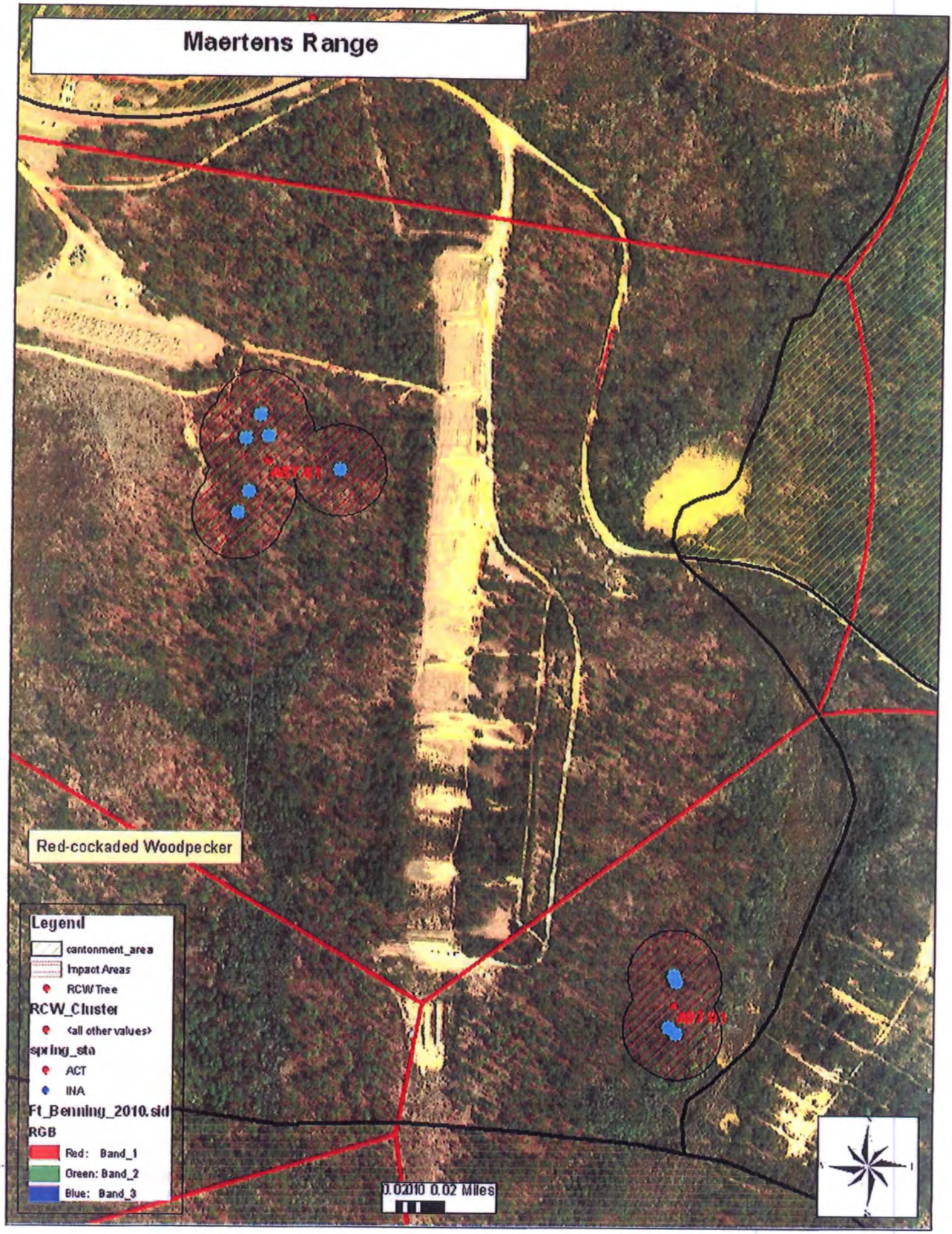
Note: Yes means that the activity may be conducted within 200 feet of a marked cavity tree

(1) Vehicles (wheel and track) will not get closer than 50 feet of a marked cavity tree unless on an existing road or trail

(2) Smoke generators and smoke pots will not be set up within 200 feet of a marked cavity tree, but the smoke may drift inside the 200 foot buffer


red-cockaded
woodpecker
buchanan
range
jamestown rd
good luck rd

red-cockaded
woodpecker


Maertens Range
Red-cockaded Woodpecker
Legend
cantonment_area
Impact Areas
RCW Tree
RCW_Cluster
<all other values>
spring_sta
ACT
INA
Ft_Benning_2010.sid
RGB
Red: Band_1
Green: Band_2
Blue: Band_3
0.0 0.01 0.02 Miles

Maertens Range AMU Marksmanship Training (Log #07-33-11) Roadbolck 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

COMPOSITE RISK MANAGEMENT WORKSHEET

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

1. MSN/TASK	2a. DTG BEGIN	2b. DTG END	3. DATE PREPARED *(YYYYMMDD)*
MARKSMANSHIP TRAINING/Maertens Range	1 October 2011	1 October 2012	20110926

4. PREPARED BY

a. LAST NAME	b. RANK	c. POSITION
Micholick	SSG	USAMU NCOIC SERVICE RIFLE

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 marksmanship training for Soldiers and Cadets.	Personnel injury due to accidental discharge of a weapon.	M	Weapons only loaded and unloaded on the firing line; shooters trained in weapon and range safety. Weapons maintained to high standards.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct marksmanship training for Soldiers and Cadets.	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. Hearing protection available and worn.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct marksmanship training for Soldiers and Cadets.	Personnel injury due to accidental discharge of a weapon.	M	All civilians, if authorized by USAMU commander, will have Military supervision from Range safety officers, OIC, and RSO at all times.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct marksmanship training for Soldiers and Cadets.	Unauthorized Personnel are downrange during firing	M	Range opened and closed with Range Control and Range flag. Firing terminated during periods of limited visibility.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct marksmanship training for Soldiers and Cadets.	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: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC 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	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC 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)*

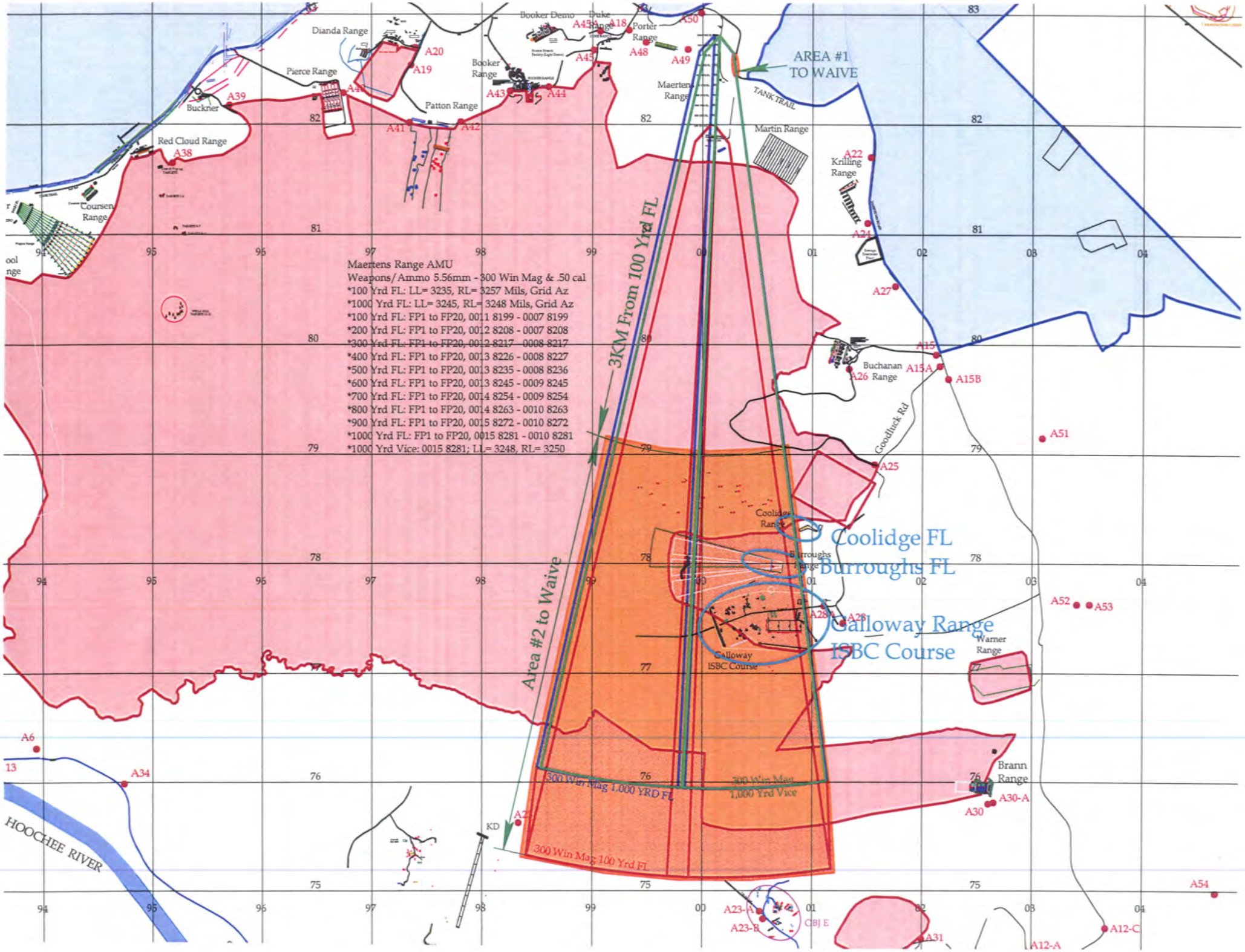
☒ LOW ☐ MODERATE ☐ HIGH ☐ EXTREMELY HIGH

14. RISK DECISION AUTHORITY

a. LAST NAME	b. RANK	c. DUTY POSITION	d. SIGNATURE
Hodne	LTC	USAMU Commanding	HODNE.DANIEL.CHRISTOPHER.1015614435

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?
Conduct small arms training, matches, and qualifications	Range/ General Situational Awareness	M	The range officer in charge (OIC/ NCOIC) will do the following: 1. Read and review the risk assessment	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
			2. Senior Unit Rep. will conduct a daily risk assessment in consultation with range cadre representatives and annotate in witting on the RMWS.				
			3. Ensure cadre are combat lifesaver cert., and a dedicated evacuation vehicle is available. 4. Identify Soldiers with medical problems that may impact training.				
			5. Review evacuation and reporting procedures for serious incidents. 6. Observe down range for any fires.				
			7. Call cease fire if a fire has the potential to cause harm to Soldiers and or damage range equipment.				
Conduct small arms training, matches, and qualifications	Specific Hazards Hearing, sight loss, and stray bullets.	M	All personnel on the range are required to wear eye and ear protection at all times on the range and in the pits.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
		M	All personnel will remain on the catwalk during fire, ensuring no body parts are exposed past the catwalk during firing.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
					385-0 Fort Benning Lightning Safety Notice		
Heat/ Cold Awareness Foul weather Lightning	Personnel Injury due to extreme heat/ cold foul weather lightning	M	All RSOs/OICs are trained in Preventive Medicine for hot and cold injuries. Training is halted during foul weather conditions when lightning is possible or visible.	L	IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
			In the event that lightning is present all personnel will move inside section building. All equipment will be grounded. 100% monitoring of radio.		IAW: Easley Range SOP USAMU SOP MCOE Reg 350-19 AR 385-63 DA Pam 385-63		


Maertens Range AMU
Weapons/Ammo 5.56mm - 300 Win Mag & .50 cal
*100 Yrd FL: LL= 3235, RL= 3257 Mils, Grid Az
*1000 Yrd FL: LL= 3245, RL= 3248 Mils, Grid Az
*100 Yrd FL: FP1 to FP20, 0011 8199 - 0007 8199
*200 Yrd FL: FP1 to FP20, 0012 8208 - 0007 8208
*300 Yrd FL: FP1 to FP20, 0012 8217 - 0008 8217
*400 Yrd FL: FP1 to FP20, 0013 8226 - 0008 8227
*500 Yrd FL: FP1 to FP20, 0013 8235 - 0008 8236
*600 Yrd FL: FP1 to FP20, 0013 8245 - 0009 8245
*700 Yrd FL: FP1 to FP20, 0014 8254 - 0009 8254
*800 Yrd FL: FP1 to FP20, 0014 8263 - 0010 8263
*900 Yrd FL: FP1 to FP20, 0015 8272 - 0010 8272
*1000 Yrd FL: FP1 to FP20, 0015 8281 - 0010 8281
*1000 Yrd Vice: 0015 8281; LL= 3248, RL= 3250
AREA #1 TO WAIVE
Area #2 to Waive
3KM From 100 Yrd FL
Coolidge FL
Burroughs FL
Galloway Range
ISBC Course
300 Win Mag 1,000 YRD FL
300 Win Mag 1,000 Yrd Vice
300 Win Mag 100 Yrd FL
Dianda Range
Pierce Range
Buckner
Red Cloud Range
Coursen Range
Booker Demo
Duke Range
Porter Range
Booker Range
Patton Range
Maertens Range
TANK TRAIL
Martin Range
Krilling Range
Buchanan Range
Goodluck Rd
Coolidge Range
Burroughs Range
Galloway ISBC Course
Warner Range
Brann Range
HOOCHEE RIVER
KD
CBJ E
A6
A34
A2
A23-A
A23-B
A31
A12-A
A12-C
A54
A30
A30-A
A52
A53
A51
A25
A26
A28
A15
A15A
A15B
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A38