

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: 10 January 2012
Range: Burroughs Range
Title: Zero/Sniper Training
Problem No:

Log # 11-9-11

THRU: S-3, 3/75 RANGER BATTALION

FROM: HHC 3/75 RANGER REGIMENT
FT. BENNING, GA. 31905

SECTION I, TYPE OF TRAINING

a. Live Fire b. Non-live Fire CP/Controller Coordinates: GA 0074 7797 (Range Tower)

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
Sniper Training: GA 0072 7793 to GA 0073 7800	M4, M24/SR25/M110 M82 Barrett, M107	5.56mm Ball, 7.62mm M118 .50 call Ball	4730 Mils Grid Azimuth	5270 Mils Grid Azimuth
Zero: GA 0072 7793 to GA 0073 7800	Same as Sniper Training Plus Pistols M9, Glock 19/22	9mm Ball, .40 call Ball	Same as Sniper Training	Same as Sniper Training

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:
[Signature]
TENNILL, MATTHEW C., SSG, Land NCO

Name/rank of Major Unit Sg/Commander:
[Signature]
KLEISNER, THEODORE W., MAJ, IN

SECTION VI, FOR RANGE DIVISION USE

DATE: 10 FEB 12

TO: S-3, 3/75 RANGER BATTALION

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

- a. Roadblocks to be closed:** A: 8, 18, 23, 33A, 34, 38, 39.
- b. Road(s) to be closed/road barrier locations:**
- c. Remarks:** Various Class III A LASER's will be used during training.
- d. This approval expires:** 09 FEB 14

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

[Signature]



DEPARTMENT OF THE ARMY
C COMPANY, 3D BATTALION, 75TH RANGER REGIMENT
P.O. BOX 55853
FORT BENNING, GEORGIA 31905-5853

REPLY TO
ATTENTION OF

AORG-TB-HQ

27 January 2012

MEMORANDUM OF INSTRUCTIONS

SUBJECT: Burroughs Range, Zero, CQM, Known distance

REFERENCE: RTC 350-1

1. Situation. 3/75 will conduct zero and weapons familiarization, known distance and CQM fire.
2. Purpose/Training Objectives. The purpose of this training is to provide Rangers with the capability to train on zero, fundamentals of marksmanship, familiarization fire of individual weapons and CQM tables to qualify for shoot house training. This training is necessary to reduce the number of resources that are needed to support training and therefore maximize training opportunities. The lane and targetry will be constructed to allow multiple scenarios to be incorporated into the range fan.
3. End state. The BN is able to conduct multiple tasks at Burroughs Range.
4. Scenarios to be conducted.
 - a. Zero/ Familiarization fire:
 1. The target area for zero is located immediately in front of the firing line (See Photo Enclosure), out to a maximum distance of 100 meters. The direction of fire is 5000 mils (Grid) with left and right target area of 15 degree (270 mils) right and left of the primary direction of fire.
 - b. CQM fire:
 1. Fire from 3m to 25m to allow individual Rangers to qualify tables and allow transition to shoot house training. Rangers will take all direction from RSO and OIC to include locking and loading and clearing of weapons. Rangers will stay generally on line with the ranger to his left and right. Lane Safeties will ensure that Rangers do not get to far ahead of other Rangers.
 2. The target area for Zero/Fam and CQM is located immediately in front of the covered firing positions (see photo enclosure), out to a maximum distance of 30 meters. The direction of fire is 5000 mils (Grid) with a left and right target area of 15 degrees (must stay within the barber poles downrange). This translates into a target area of 4' left and right of 5000 mils for every 5 meters from the target (25 meter max target distance).
 3. Known distance marksmanship. Rangers will take all direction from RSO and OIC to include locking and loading and clearing of weapons. Weapons will be fired from the main firing line (20' left of the sixty foot tower to 14' right of the right-most

27 January 2012

covered firing position, see photo enclosure) at targets downrange using the two barber poles to limit the directions of fire.

5. Remarks.

- a. Rangers will take all direction from RSO/OIC to include locking/loading of weapons and clearing procedures of weapons. (See Paragraph 7)
- b. RSO/OIC will control movement of all Rangers while conducting CQM/Fam fire. All Rangers will stay generally on line with the ranger to his right and left.
- c. Ranger medics and/or EMT/Combat lifesavers will be on site. 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.
- d. Range will be policed of all trash and brass before leaving the range.
- e. **There will be no Automatic firing of weapons at steel targets on the range. Unit must have an approved Waiver to shoot Steel Targets on this range.**

6. Safety.

- a. 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 range. **Range safety Briefing will include hazards using Lasers and NVD's.**
- b. 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.
- c. Weapons/Ammunition Malfunction Reports: When a malfunction is experienced, the OIC or Range Safety Officer will suspend all firing and immediately notify Range Control. **Retain the weapons and all components and ammunition involved in place.** An investigation is required and will be conducted by DOL.

7. Weapon Clearing Procedures:

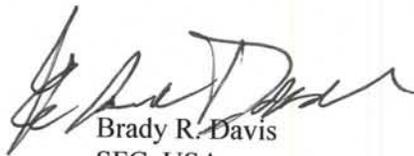
- 1) All Soldiers will have their rifles rodded with cleaning rod or similar device before entering Burroughs range and proceeding to their firing positions by qualified range safety.
- 2) Upon completion of Rangers firing exercise and before leaving the

AORG-TB-HQ
SUBJECT: Burroughs

27 January 2012

firing position the Ranger will have his weapon visually inspected/cleared by a qualified range safety. This person cannot be a Ranger in a training status.

- 3) The Ranger will then proceed off the firing line to the clearing barrel where he will dry fire his weapon IAW published procedures.
 - 4) Before exiting the range, the Ranger will then have his weapon rodded with cleaning rod or similar device by a qualified range safety.
 - 5) Once off the firing line Rangers will be contained in a small assembly area where a full ammunition and brass check will be conducted by the Range Safety Officer before being released back with the remainder of the Rangers on the range.
8. The POC for this memorandum is the undersigned, 545-0499



Brady R. Davis
SFC, USA
3/75 S-3 Land NCO

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

COMPOSITE RISK MANAGEMENT WORKSHEET

1. MSN/TASK
 2a. DTG BEGIN 30NOV2011
 2b. DTG END INDEFINITE
 3. DATE PREPARED (YYYYMMDD) 20111128
 4. PREPARED BY

a. LAST NAME LONG
 b. RANK CPT
 c. POSITION SNIPER PLATOON LEADER

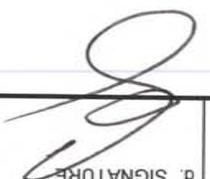
5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS EFFEC-CONTROL TIVE?
CONDUCT STATIC SNIPER MARKSMAN-SH IP RANGE	Injury Due to Ranger Moving Through Another Ranger's Field of Fire	M	All events will have a designated OIC & RSO who meet all post and Army requirements. OIC and RSO will issue a detailed safety briefing to all participants.	L	OIC/RSO will possess certification card and complete Range Control and 3/75 training requirements.	PL/PSG/SLS	
			All Rangers will wear MICH, hearing pro, eye pro, gloves and plate carrier with ballistic plates if moving on the range or when otherwise dictated by the chain of command.		All leaders and Rangers will maintain situational awareness, spot check, and enforce movement on range.	PL/PSG/SLS	
			Qualified medic/EMT/RFR will be on site with a designated aid vehicle. All weapons will be cleared, bolt to the rear, and set on a sandbag when Rangers are forward of the firing line.		OIC/RSO will serve as single POC for controlling movement of Rangers forward of firing line.	PL/PSG/SLS	
			The OIC/RSO will clear the down range area before allowing Rangers to touch weapons on the firing line. Safeties will be responsible for closely supervising their men on the range.		OIC/RSO and leaders will conduct assessment of hazards on the range immediately after occupying.	PL/PSG/SLS	
	Ricochet	M	Lanes will be checked for ricochet hazards before training and the OIC/RSO will attempt to clear any hazards. Hazards will be clearly marked and briefed to all Rangers.		OIC/RSO will monitor range control radios and all Rangers will maintain situational awareness of round impact at anything that may deflect round trajectory.	PL/PSG/SLS	
			All Rangers will be up-range from targets when hot. Rangers will cease-fire if aircraft enter impact zone. Rangers will be briefed not to fire				

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 CZERNIA
 b. RANK MAJ
 c. DUTY POSITION HHC COMMANDER
 d. SIGNATURE 

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 STATIC SNIPER MARKSMAN-SH IP RANGE	Negligent Discharge	M	Weapons awareness will be emphasized during the range safety brief and strictly enforced on the range. No weapons will be allowed to point in an unsafe direction.	L	OIC/RSO will conduct safety briefing and all leaders will maintain situational awareness of all actions.	PL/PSG/SLS	
			Weapons will be on safe at all times when not engaging targets. Rangers will only use weapons they are qualified on.		All leaders will spot check safety on the firing line.	PL/PSG/SLS	
			Rangers will lock and load only when told to do so by the OIC/RSO. All weapons will be cleared on and off the range by a leader.		RSO/OIC will give clear/concise orders for placing range in hot status and leaders will supervise.	PL/PSG/SLS	
			No one will be down range while Rangers are adjusting / handling weapons on the firing line.		RSO/OIC will give clear/concise orders for movement and leaders will supervise.	PL/PSG/SLS	
Minor Bodily Injury (Cut or Fall)		M	Rangers will receive a safety brief about the terrain and leaders will brief, mark, and identify any hazards on the line prior to firing. Rangers will walk during normal range movement.	L	RSO/OIC and key leaders will assess range hazards immediately following occupation.	PL/PSG/SLS	
			Rangers will be familiar with all equipment before executing training. Rangers will wear PPE as dictated by the chain of command based on terrain hazards and training objectives.		PL/PSG will give clear/concise guidance about uniform standards. All leaders will enforce.	PL/PSG/SLS	
Heat Casualty / Cold Weather Injury		M	Rangers will be hydrated before, during, and after training; maintaining a water source. Rangers will eat all meals and observe a proper work to rest ratio for the climate conditions.	L	Leaders will brief subordinates on weather, training times, and training objectives during range prep.	PL/PSG/SLS	
			Leaders and buddies will monitor for heat/cold symptoms. Leaders will insure that Rangers wear appropriate uniform for climate conditions. Additional water will be available on site.		Rangers and buddies will self-monitor temperature, food consumption, and water consumption.	PL/PSG/SLS	
			Leaders will monitor all nets for warnings. Rangers will be dispersed away from trees, structures, and metal during lightning warnings and cleared from the training area in severe wx.	L	OIC/RSO will monitor nets and all leaders will be pro-active in assessing weather hazards and safety.	PL/PSG/SLS	
Severe Weather (Storms, Lightning, Tornadoes)		M	OIC/RSO will cover wildlife considerations during safety briefing. Medic/EMT/CLS on site will administer first aid to Rangers bitten or stung. Rangers with allergies will be identified.	L	OIC/RSO will conduct brief and all leaders will maintain situational awareness of hazards throughout training.	PL/PSG/SLS	
Wildlife / Insect Sting		M					

Burroughs range 3/75 Ranger Battalion Zero/Sniper Training (Log 311-9-11) Roadblock List , 12 JAN 2012

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

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



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, .50C
AL, 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

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, 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

16 August 2011

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.

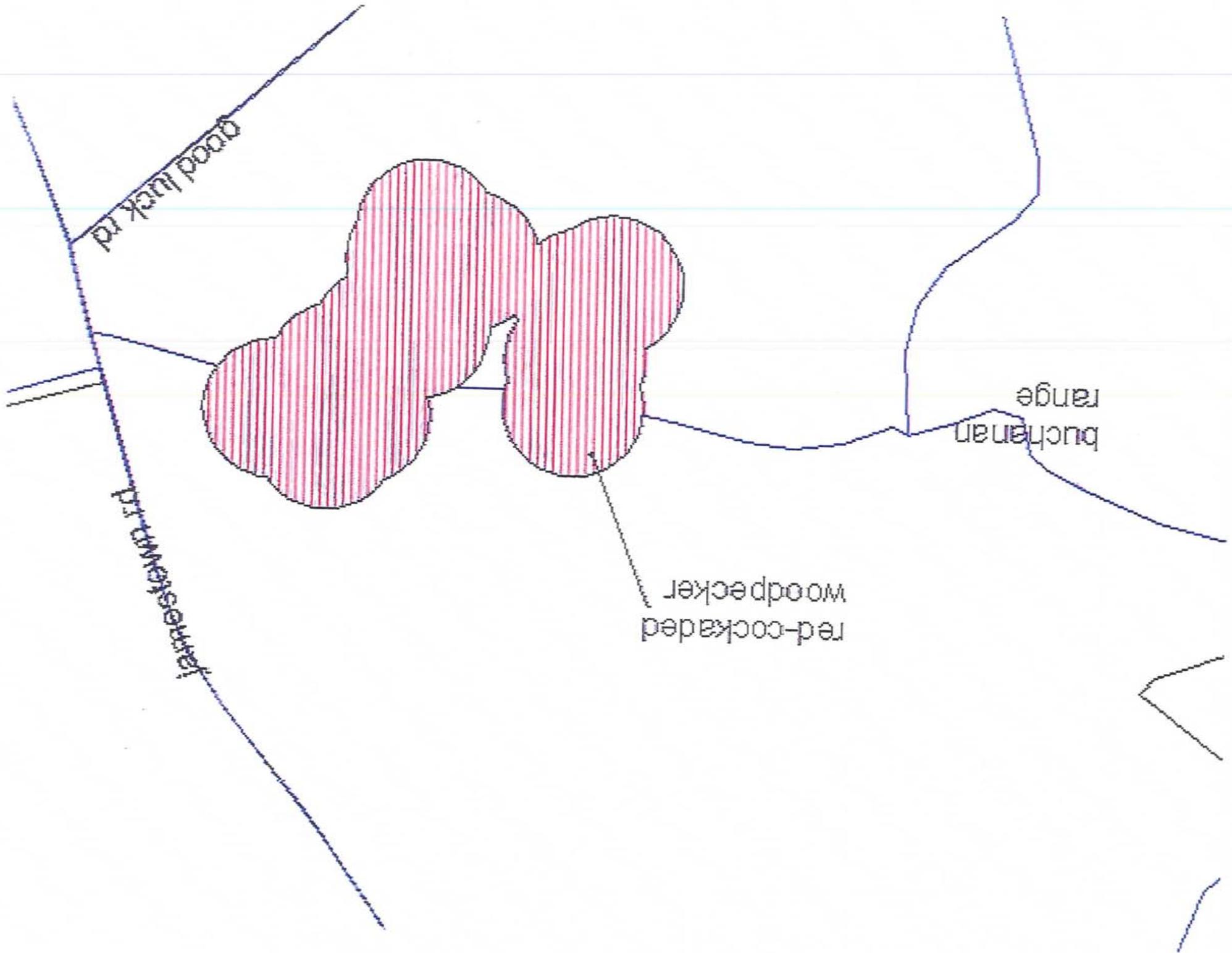
There are several Red-cockaded woodpecker clusters located in the area around Griswold Range. Note locations on attached map. An exception is granted to conduct live fire on Griswold Range but restrictions apply to the clusters and area adjacent to the Range (see attached). Units must not fire in the 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

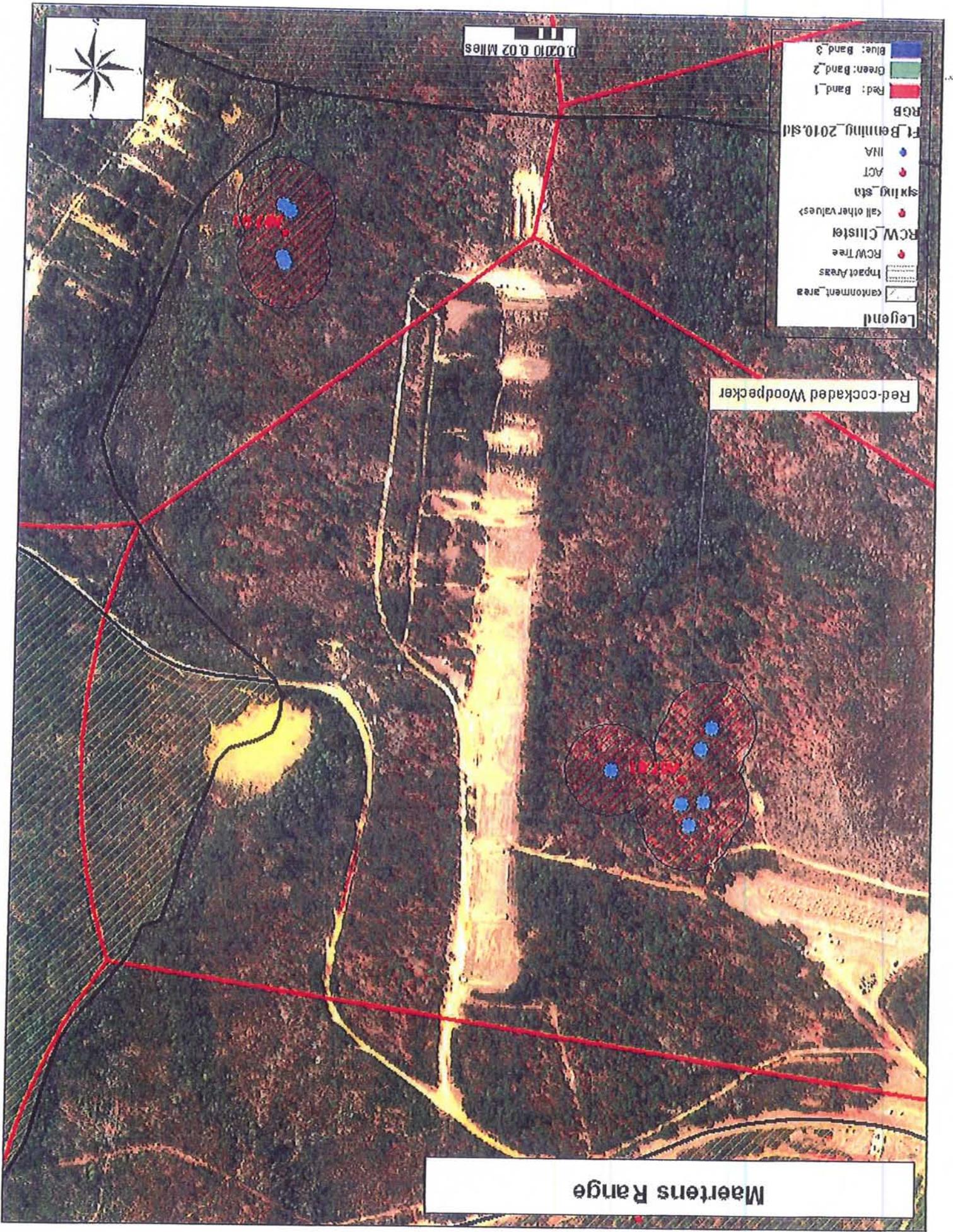


red-cockaded
woodpecker

buchanan
range

good luck rd

harpers rd



0.0210 0.02 Miles



Legend

Blue: Band_3	Blue
Green: Band_2	Green
Red: Band_1	Red
RGB	RGB
F1_Bemmy_2010_sld	F1_Bemmy_2010_sld
INA	INA
ACT	ACT
spiny_sta	spiny_sta
<all other values>	<all other values>
RCW_Chistei	RCW_Chistei
RCW_Tree	RCW_Tree
Impact Areas	Impact Areas
canyonment_area	canyonment_area

Red-cockaded Woodpecker

Maertens Range

- **HOW to PLAN** and be ready to respond to a problem;
- **HOW to REACT** to a minor, intermediate or major spill; and
- **WHAT** to do after a spill occurs.

Planning

MINOR SPILLS

- When on the move, keep some plastic bags in your vehicle, and have your assigned On-Vehicle Equipment (OVE) ready for use.
- Maintain supplies, rags, absorbent pads, or other kinds of materials that will soak up spills on hard surfaces (like Dry Sweep), or know where you can easily obtain them.
- Keep Personal Protective Equipment (PPE) accessible (gloves, goggles, etc.).

INTERMEDIATE & MAJOR SPILLS

In addition to the procedures above:

- Know where to go for help.
- Know where spill kits are kept and learn how to use them.

Prevention

Vehicle Maintenance and Fueling Points, Hazardous Waste Collection Points and hazardous material Storage & Supply Areas may not be set up at your deployment destination. So PLAN to build your areas to prevent hazardous material accidents before they occur. Remember the following:

HAZARDOUS MATERIAL/HAZARDOUS WASTE AREA LOCATION - Locate hazardous material/hazardous waste areas away from living areas, bunkers, ammunition storage, fence lines and/or dining facilities. Place them near the areas where hazardous material are used.

MATERIAL SAFETY DATA SHEET (MSDS) - Keep MSDSs for each hazardous material stored or collected at hazardous material/hazardous waste areas.

UNIT/ACTIVITY ENVIRONMENTAL SOP & SPILL RESPONSE PLAN - Place SOP and Spill Response Plan at each hazardous material/hazardous waste area.

COMPATIBILITY OF MATERIALS - Store and/or dispose of each class of hazardous material/hazardous waste separately. MSDSs describe the classification of HMs. Four common classification include the following: Flammable (fuels), Corrosives (acids), Reactive (explosives), and Toxic (insecticides).

BEFORE you deploy, plan to pack drip pans, rags, plastic, Dry Sweep, absorbent, and spill pallets to prevent drips, spills, and leaks from seeping into the ground and contaminating soil and water resources.

SECONDARY CONTAINMENT - All liquid hazardous material/hazardous waste must have secondary containment. In order for it to be effective it must:

1. Hold 10% of the total hazardous material/hazardous waste stored or 100% of the largest container.
2. Have sand and/or pallets placed in certain areas to protect the liner.
3. Have overhead cover.

You should continually keep your hazardous material/hazardous waste areas clean and orderly by applying the principals of Monitoring and Housekeeping. An easy way to remember what to check, is

In any spill situation:

1. **Safety First!** -- Protect yourself by using PPE, including goggles, gloves, and suits. THEN...
2. **Do the SPILL DRILL -- REACT:**

REMOVE THE SOURCE: Plug the drip or leak and stop the spill.

ENVELOP THE SPILL: Place absorbent booms around the spill area, or build an earthen dam, when appropriate, around the spill.

ABSORB/ACCUMULATE: Place appropriate absorbent material (Dry Sweep, pads, etc.) on the spill in the middle of the boomed-off area.

CONTAINERIZE THE HAZARDOUS WASTE: Use a shovel to place contaminated materials (including soil, booms, pads or other materials) in a plastic bag or a waste drum.

TRANSMIT A REPORT: If a spill is too large to handle alone, - REACT as best you can and get help!

See Appendix D of the ASP for specific REACT actions for spills involving:

- **Minor Spills** (20 gallons or less);
- **Intermediate Spills** (from 21-55 gallons); and
- **Major Spills** (more than 55 gallons), or any spill into water, where injuries occurred or where spills occurred off Fort Benning associated property.

In addition:

- Prevent hazardous material from entering storm sewers and waterways;
- Minimize impacts to vegetation and wildlife; and
- Notify proper personnel and maintain record of spill event.

Acronyms are defined in the ASP Table of Content

Summary Spill Kit and Response Material Checklist

Spill Kits and Response Material	Primary Contents
<p>Spill kits should be maintained in and around all locations where hazardous material and hazardous waste are stored, handled, or disposed.</p> <p>The contents of a spill kit will vary depending on the hazardous materials and their characteristics.</p> <p>Hazardous materials other than POL will require spill kits to meet their specific requirements, (i.e., acid spill kit for Battery Shop that handles lead acid batteries).</p>	<p>Spill kits should include as a minimum:</p> <ul style="list-style-type: none"> ✓ Rubber gloves, ✓ Safety goggles, ✓ Putty, rubber mallet, ✓ Wooden plugs, ✓ Absorbent booms, ✓ Absorbent pads, ✓ Plastic bags, and ✓ In some cases, a disposal barrel.
<p>The Unit/Activity must check the material's MSDS for specific information on PPE and spill supplies.</p>	<p>Units/activities transporting hazardous materials should also plan for having a minimum amount of response materials on hand.</p> <ul style="list-style-type: none"> ✓ Various types of kits can be ordered through the U.S Army Supply System (through the Units supply or S-4 shop); ✓ The Unit/Activity must assess their hazardous material inventory and plan to have enough spill response material to respond to the larger container within their facility and the minimum for any specific hazardous material that require specific spill materials or PPE; and ✓ Whenever the Unit gets to this minimum level, the user should initiate a reorder to the supply NCO or S-4 to maintain the minimum amount on-hand.

Acronyms are defined in the ASP Table of Contents

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- ✓ Hazardous Materials other than POL will require spill kits to meet their specific requirements. The Unit/Activity should check the MSDS for the materials that they transport and have appropriate amount for those particular materials.

FORT BENNING ENVIRONMENTAL REGULATIONS SUMMARY

RED-COCKADED WOODPECKER (RCW): Cavity trees are identified by two white bands. Cluster boundaries extend 200 feet around each cavity tree, and are delineated by diamond-shaped signs. **WITHIN** a cluster, Personnel **MAY NOT** stay for more than 2 hours; **NO BIVOACS.**

- The only digging allowed is **BY HAND** for hasty defense light infantry fighting positions. **ALL** other digging is prohibited.
- Within one half mile of a cluster, **NO MECHANICAL DIGGING** may be done within 20 feet of any mature pine tree (8 inch diameter or greater).
- Off-road vehicles **MAY NOT** come within 50' of any cavity tree.
- Use only .50cal and 7.62mm (or smaller) blank ammo; **NO LIVE FIRE.**
- CS gas, HC smoke, and noise generators **MAY NOT** be used.
- Incendiary devices (including trip flares) **MAY NOT** be used.
- Only hardwood may be cut for camouflage; **CUT NO PINE.**

GOPHER TORTOISE: Inhabits burrows in high sandy areas. Some burrows are marked by white 1" PVC pipe topped with reflective tape. Digging and vehicular traffic must be kept more than 50 feet away from burrows.

ENVIRONMENTAL INCIDENT REPORT FORM

For your protection, company commanders are asked to document any environmental incidents by completing this card and forwarding it to the Chief, Environmental Management Division, Building 6, Room 307, or call 545-2180, within 24 hours of incident. Check off incident and take corrective actions.

- ___ bivouacking in RCW cluster (Relocate bivouac site.)
- ___ off-road driving / parking within 50' of RCW cavity tree (Relocate.)
- ___ digging in RCW cluster [except individual hasty fighting positions] (Refill holes.)
- ___ scarring or felling of trees in RCW cluster (Contact EMD Conservation Branch through Range Control.)
- ___ digging or driving in Sensitive Area (Relocate, **DO NOT** refill holes.)
- ___ wildfire started (Begin suppression and contact Range Control.)
- ___ POL spill greater than 20 gallons on land or any quantity on water (Immediately contact Range Control and begin spill control - **REACT.**)
- ___ POL spill less than 20 gallons on land (Begin spill control - **REACT;** contact Range Control and submit a Spill Report Form to EMD within 24 hours.)

CUT HERB

FORT BENNING ENVIRONMENTAL REGULATIONS SUMMARY

SENSITIVE AREAS: Endangered species habitat or cultural resources. They are marked with steel pickets and white signs. Digging and vehicular traffic is prohibited.

POLHAZMAT SPILLS: Report all spills through Range Control at 545-3474. If assistance is required from the Fire Department/HAZMAT Team, Range Control will make notifications through E-911. For POL spills greater than 20 gallons on land or any quantity on surface water, the Environmental Management Division (EMD) must be immediately notified through E-911 or 545-9879/4203. For POL spills less than 20 gallons on land, a Spill Report Form must be submitted within 24 hours to the EMD (Call 545-9879 and/or FAX 545-4209). After hours call the spill pager at 317-6584.

Unit should begin spill control measurements (REACT) within their capabilities. If a spill occurs within a sensitive area; stop the source, contain, and absorb the spill material - do not dig until EMD personnel arrive at the site.

Be prepared to report: • Time, grid location, and cause of spill.

- Type of product and amount spilled.
- Distance from flowing water.
- Action taken to combat spill.

See USAIC 210-4, Range and Terrain Regulations, for more detail.

ENVIRONMENTAL INCIDENT REPORT FORM

Unit: _____

OIC/NCIC: _____

Training Area: _____

Grid Coordinates: _____

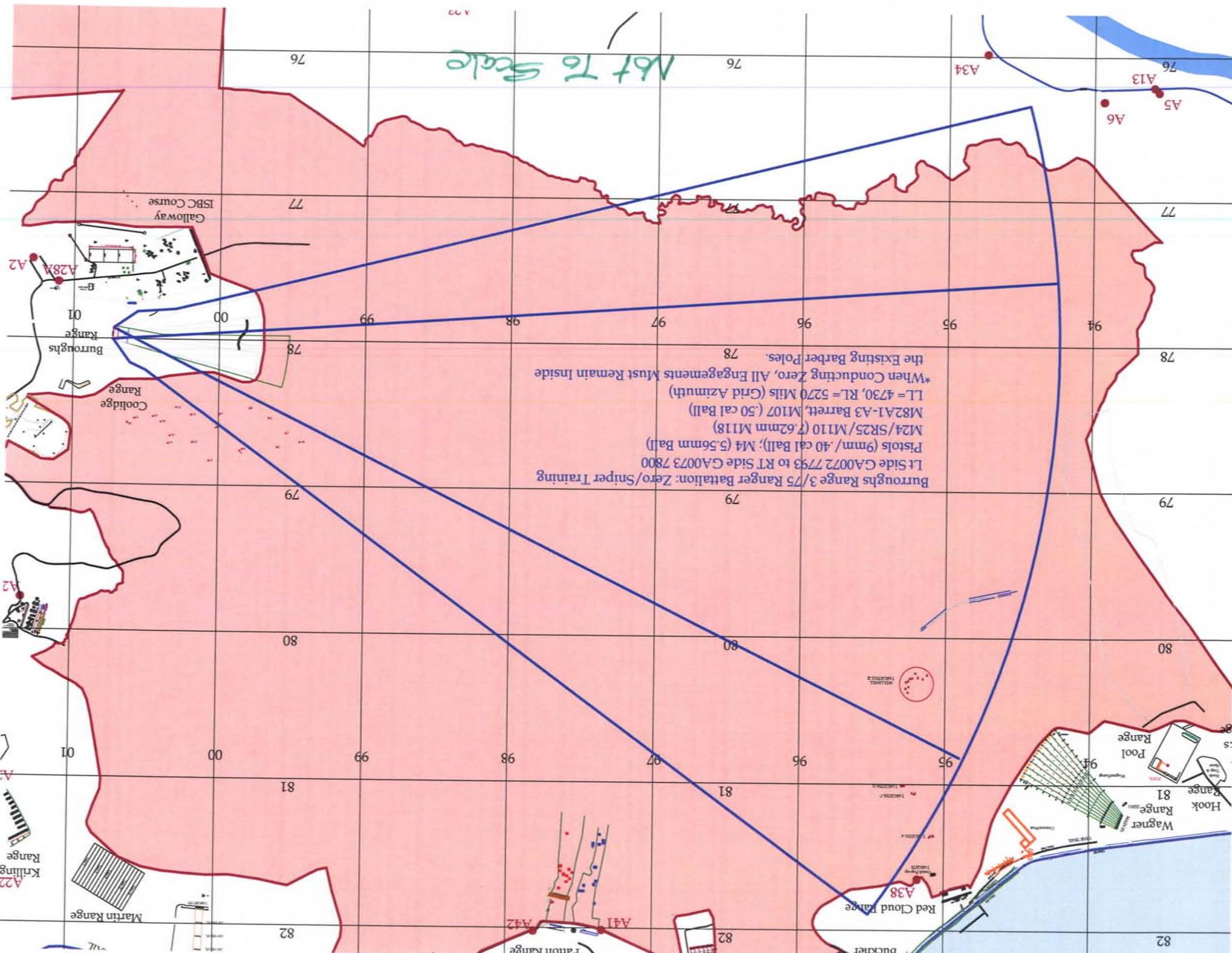
Date and Name: _____

Signature: _____

FB (DPW) Form 31, 1 May 2004 PREVIOUS EDITION OBSOLETE

Not To Scale

Burroughs Range 3/75 Ranger Battalion: Zero/Sniper Training
Lt Side GA0072 7793 to RT Side GA0073 7800
Pistols (9mm/.40 cal Ball); M4 (5.56mm Ball)
M24/SR25/M110 (7.62mm M118)
M82A1-A3 Barrett; M107 (.50 cal Ball)
*When Conducting Zero, All Engagements Must Remain Inside
the Existing Barber Poles.



North Arrow

Galloway ISBC Course

Burroughs Range

Coolidge Range

Hook Range

Wagner Range

Pool Range

Red Cloud Range

Buckner Range

Patton Range

Martin Range

Krilling Range

A22

A2

A13

A5

A6

A34

A28

A2

01

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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

31 January 2012

MEMORANDUM FOR Commander 3/75th Ranger Regiment, Attn: SFC Brady Davis, Fort Benning, GA 31905

SUBJECT: Zero, CQM and Known Distance on Burroughs Range Concept and Safety Review

1. References.

- a. Burroughs Range Zero, CQM and Known Distance Memorandum, 27 January 2012.
- b. Army Regulation 385-10, The Army Safety Program, 24 August 2007
- c. Army Regulation 385-63, Range Safety, 19 May 2003
- d. Department of the Army Pamphlet 40-501, Hearing Conservation Program, 10 December 1998
- e. Department of the Army Pamphlet 385-10, Army Safety Program, RAR 19 January 2010
- f. Department of the Army Pamphlet 385-30, Mishap Risk Management, RAR 01 February 2010
- g. Department of the Army Pamphlet 385-63, Range Safety, RAR 12 May 2009
- h. Field Manual 5-19, Composite Risk Management, August 2006
- i. MCoE Regulation 350-19, Range and Terrain Regulation, 23 July 2010

2. Document received on 27 January 2012.

3. Concur w/comment.

a. Concept paper, paragraph 6a, pg 2. Laser Safety Officer (PEM-1A) must be designated for this training iteration.

b. All incidents/accidents involving personnel, equipment or Army systems will be reported to MCoE/Fort Benning Safety immediately.

ATZB-SO

SUBJECT: Zero, CQM and Known Distance on Burroughs Range Concept and Safety Review

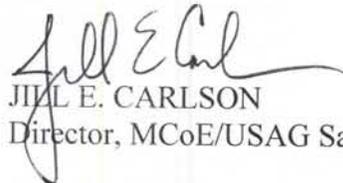
c. CRMW, Block 2b, pg 1. The end dates cannot be "INDEFINATE". The maximum effectiveness of a DA Form 7566 is one year, or departure of the Risk Approval Authority from that duty position.

d. CRMW, Block 11, pg 2. "Heat Casualty/Cold Weather Injury" recommend that you add "Buddy Team and Individual" as to how to a supervise. The training that U.S. military personnel receive in COLD weather injury identification and prevention enable them to identify the earliest signs of this injury.

j. CRMW, Block 7, pg 2. "Heat Casualty/Cold Weather Injury" initial risk is identified as "MODERATE" when it should be "HIGH". Fort Benning has documented hot weather injures 12 months a year.

k. CRMW, Block 9, pg 2. "Heat Casualty/Cold Weather Injury" initial risk is identified as "LOW" when it should be "MODERATE".

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


JILL E. CARLSON
Director, MCoE/USAG Safety