

FIRING/NONFIRING DATA

LOG# 10-16-09

For use of this form see USAIC Regulation 210-4; the proponent agency is DOT

TO: Chief, Range Division Directorate of Operations and Training Fort Benning, GA 31905	DATE: 27 Oct 09
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THRU: Chief, Range Division Fort Benning, GA. 31905	FROM: Survey, Range Division Fort Benning, GA. 31905
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SECTION I

Problem Number:	Range: Malone 2	Title: Down Range Feedback LOMAH / Zero
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Type Training: a. Live Fire XXX b. Non-live Fire	CP/Controller Coordinates: 0210 8942
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SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit Mils Grid AZ	Right Limit Mils Grid AZ
Malone 2 FP1: 0190 8958 to FP32: 0231 8929	M16/M4/MK16	5.56mm, ball / tracer	0610 mils	0655 mils
Zero FP23: 0219 8937 to FP32: 0231 8929	M16/M4/MK16	5.56mm, ball / tracer	0595 mils	0675 mils

SECTION IV, LIVE FIRE EXERCISES Attach the following:

SECTION V, NON-LIVE FIRE TRAINING

a. Scenario of training to be conducted: See Attached	a. Training area(s) to be occupied:
b. Sketch of area : See Attached	b. Scenario of training to be conducted:
c. Risk Assessment : See Attached	c. Sketch of area(s) to be occupied:
d. Attach FB Form 210-4-2-R if Mortar or artillery is being fired:	d. REMARKS:

Name/rank/signature of requesting officer: Thomas Bolding, GS08, Lead Survey Technician	Name/rank/signature of Major Unit S3/Commander Brad Tesch, YA02, Chief, Operations Branch
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SECTION VI, FOR RANGE DIVISION USE

TO:	FROM: Range Division, Directorate of Operations & Training Fort Benning, GA 31905	DATE: 3 Nov 09
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a. Roadblocks to be closed: M1, 2, 3, 5, 7, 9, 10.	
b. Road(s) to be closed/road barrier locations:	
c. This approval expires: INDEF	
d. REMARKS:	

Chief, Range Division Directorate of Operations and Training	Signature:
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DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY INFANTRY CENTER
FORT BENNING, GEORGIA 31905

IMSE-BEN-PLT-R

3 November 2009

MEMORANDUM FOR: Chief, Range Division, Fort Benning, Georgia, 31905

THRU: Chief, Operations Branch, Fort Benning, Georgia, 31905

SUBJECT: Downrange Feedback (LOMAH)/Zero (Malone 2)

MISSION: Units conduct Downrange Feedback/Zero on Malone 2 in order to train Soldiers.

EXECUTION:

1. Chief, Operations Branch Intent: The intent is for Soldiers from units on Fort Benning to conduct training on a standard known distance range, known distance record fire, modified field fire, zero, and other skills needed to engage a target with an M16A2/M4/MK16.
2. Concept of the Operation: Units will conduct Downrange Feedback/Zero IAW FM 3-22.9 (Rifle Marksmanship M16A1/2/3/ and M4 Carbine), and FB Form 210-4-3-R (Firing/NonFiring Data). Training will include the following phases:
 - a. Conduct of a standard known distance range: In this phase, the gunner fires from the supported and unsupported firing positions. Adjust aiming points as necessary. Firing three round shot group ten times or firing five round shot groups six times depends on ammunition availability. Firers will engage targets at 75, 175, and 300-meters.
 - b. Known distance record fire: In this phase, the gunner will fire 40 rounds. The gunner fires 20 rounds at the 75-meter targets from a supported position, 10 rounds at the 175-meter targets from an unsupported position, and 10 rounds at the 300-meter targets from an unsupported position.
 - c. Modified field fire: In this phase, the gunner applies the same fundamentals as above.
 - d. Conduct zero (25m ONLY): In this phase, the using unit will have the option of conducting a standalone zero exercise prior to KD use or simultaneously firing KD and zero utilizing lanes 1 - 20 for KD and lanes 23 - 32 for zero purposes only. OIC and lane safeties will control each event. All commands will come from the control tower. On zero lanes, 23-32, all Soldiers will go downrange at the same time.
 - e. Remedial training will be conducted in any of the phases of training where the Soldier does not meet the standard. The instructor will identify any soldier having trouble with the task and must retrain the soldier as soon as possible. This will allow the Soldier to maintain the same level of proficiency as the other soldiers.
3. End state: 100% of the Soldiers attending training safely trained to standard and all equipment and personnel accounted for.
4. These operations will be divided into phases listed below:

a) Phase I: The unit will occupy the selected training area and establish communications with range control. Open the range by emplacing the following control measures, medical support, and safety brief.

b) Phase II: Training begins according to the approved FB 210-4-3-R (Firing/NonFiring Data).

c) Phase III: The recovery phase that will consist of recovery of all equipment, personnel, clean up, after action review and closure with range control.

5. Safety/Service Support: Will be outline in the approved FB 210-4-3-R (Firing/NonFiring Data) and unit SOP. However, at a minimum the following will occur.

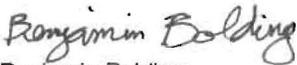
- a) Uniform: As per unit SOP.
- b) Ammunition will be stored at the ammunition holding area (AHA) off the firing line.
- c) Combat Life Saver will be on-site at all times, with a dedicated vehicle.
- d) Weapons will be cleared by rodding/visual inspection on and off the firing line. Clearing barrels will be used as the primary ways of clearing all weapons from the firing line.
- e) Weapons will be oriented down range while on the firing line.
- f) Weapons will be on safe when not engaging targets.
- g) Signal to fire is verbal, bullhorn, or whistle.
- h) During firing anyone on the range, observing an unsafe act can call a ceasefire by using the hand and arm signal and/or a vocal command of ceasefire.
- i) Soldiers will receive the required amount of ammo.
- j) All unused ammo will be turned into the AHA upon completion of firing.
- k) Weapons will be locked and loaded at the firing line only.
- l) Firing will be from the front and center of the foxhole only.

6. MEDEVAC Procedures: Call 911 and determine what type of medical evacuation is the most appropriate for the injury-by land using our designated medical vehicle for minor injuries, an ambulance for serious injuries or helicopter for critical. **FOLLOW 9 LINE MEDEVAC PROCEDURES** for rotary wing A/C evacuation. RSO is also responsible for calling 9-line medevac for rotary wing A/C.

7. Command and Signal:

- a) The RSO will maintain communication with range control via a Brick radio at all times.

8. POC for this exercise is the undersigned at 544-6267.


Benjamin Bolding
GS08
Lead Survey Technician

RANGE CONTROL ROADBLOCK LIST (As of: 01 May 09)

(Page 1 of 2)

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	Road Guard position #2 for Garnsey Range objective E. Intersection of Jamestown and Sunshine Rd.	Rd Guard #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 Range objective E (on Jamestown at Lightning)	Rd 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 Garsey Range objective E (on Jamestown at S-W corner of Engineer building)	Rd 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
A-23	024 744	On unnamed trail N. of road entering Garnsey Range. 100m W. of ammo point on range.	Cable
A-23A	983 756	Across Lumpkin Trail 200m E. of Griswold Range.	Gate
A-24	015 811	10m inside the entrance gate of Brinson Range on the south side of the 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 trail 175m N. of the intersection of Hourglass and Jamestown Rds.	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 Range. 450m W. of A-23 Roadblock.	Cable

BLOCK	GRID	LOCATION	TYPE
A-32	989 724	Across entrance road to Kunzig Range.	Gate
A-33	974 734	Across entrance to Griswold Range.	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 buildings 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 25 Meter Flat range on Booker Range.	Gate
A-45	990 827	Across fire break located on the right side of the firing line on Duke Range.	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 its intersection with 1st Div Rd and Buckeye Rd.	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

BLOCK	GRID	LOCATION	TYPE
B-1	076 715	Across Liberty Rd 30m N. of its intersection with River Bend Rd.	Gate
B-2	066 711	Across Blue Ridge Trail 30m N. of its intersection with River Bend Rd.	Gate
B-3	048 697	Across Jamestown Rd 30m N. of its intersection with River Bend Rd.	Gate
B-4	042 695	Across unnamed Trail 30m N. of its intersection with River Bend Rd.	Gate
B-5	020 690	Across unnamed Trail 30m N. of its intersection with River Bend Rd.	Gate
B-6	016 691	Across unnamed Trail 30m N. of its intersection with River Bend Rd.	Gate
B-7	998 707	Across Sedan Trail at reservation boundary. Permanently closed. (must coordinate with NSA to access)	Berm

BLOCK	GRID	LOCATION	TYPE
X-1	923 739	Across unnamed rd leading to Fryar DZ 300m S. of its intersection with 101st Abn. Div. Rd.	Gate
X-2	916 726	Across Bon Acre Rd 100m from the reservation boundary.	Gate
X-3	919 714	Across unnamed trail at SW corner of Fryar DZ.	Gate
X-4	920 736	Across unnamed road leading into the N end of Fryar DZ. 380m S-E of Hite Bowl.	Gate

RANGE CONTROL ROADBLOCK LIST (As of: 01 May 09)

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BLOCK	GRID	LOCATION	TYPE
K-2	163 883	Across Box Springs Rd 125m N. of its intersection with Buena Vista Rd.	Gate
K-3	153 894	Across entrance road leading to Concord OP 250m N. of its intersection with Buena Vista Rd.	Gate
K-4	144 901	Across entrance road leading to Hartell Bunkers 50m N. its of intersection with Buena Vista Rd.	Gate
K-5	117 920	Across Shamanski Rd 25m N. of its intersection with Buena Vista Rd.	Gate
K-7	095 935	Across Audernarde Trail 10m E of its intersection with Lorraine Road.	Gate
K8	099 947	Across Bulls Eye Rd 50m E of its intersection with Lorraine Road.	Gate
K9	105 927	Across Audernarde Trail 30m W of Moore Rd, 575m N of Buena Vista Rd & Moore Rd intersection.	Gate
K-10	118 920	Across Buena Vista Rd at K-5 road block. (Road guard location).	Gate
K-11	103 922	Across Moore Rd 50m N. of its intersection with Buena Vista Rd. Entrance to Terry Demo Rng. (Road guard location)	Gate
K-12	104 988	Across Old Lorraine Rd 900m S. of its intersection with Lorraine Rd.	Cable
K-13	109 937	Across Moore Rd 10m N. of its intersection with Bullseye Rd.	Gate
K-14	113 998	Across Moore Rd 10m S. of its intersection with Lorraine Rd.	Gate
K-15	114 999	Across course road leading out of Ruth Range 50m E. of its intersection with Moore Rd.	Gate
K-16	190 003	Across Rinehart Rd 100m W. of its intersection with Box Springs Rd.	Gate
K-17	116 013	Across unnamed trail 15m E. of Moore Rd and 130m N. of Ruth Range tower.	Cable
K-18	122 033	Across Moore Rd. at the northern reservation boundary Permanently closed.	Berm
K-19	121 023	Across unnamed trail 1400m N. of Ruth Range and 150m E of Moore Rd.	Cable
K-20	141 026	Across unnamed trail off northern boundary trail along railroad tracks 400m E. of Cox Creek ford.	Cable
K-24	219 968	Across Turrentine Rd at reservation boundary. Permanently closed.	Barrier/ Berm
K-25	180 923	Across unnamed trail leading to Shiloh Trail 10m W. of Box Springs Rd. Permanently closed.	Cable
K-26	201 968	Across Turrentine Rd 20m W. of its intersection with Boundary Rd.	Gate
K-28	191 885	Across Whitson Rd 15m W. of its intersection with Cactus Rd.	Cable
K-30	193 916	Across Cactus Rd 150m N. of Pine Knot Creek. Permanently closed.	Gate
K-32	192 915	Across Shamanski Rd 35m W. of its intersection with Cactus Rd.	Gate
K-34	134 932	Across Buzancy Trail at its intersection with Rinehart Rd. Permanently closed.	Berm
K-36	162 882	Across Buena Vista Rd 50m W. of its intersection with Box Springs Rd. (Road guard location).	Gate
K-38	201 941	Across unnamed trail 35m W. of its intersection with the east boundary road. Permanently closed.	Cable
K-39	202 949	Across unnamed trail 15m W. of its intersection with the east boundary road. Permanently closed.	Cable

BLOCK	GRID	LOCATION	TYPE
K-40	174 908	Across Box Springs Rd 30m S. of Pine Knot Creek.	Gate
K-41	192 944	Across Kennesaw Trail 30m W. of its intersection with Box Springs Rd.	Cable
K-42	194 956	Across Box Springs Rd 1200m N. of its intersection with Cactus Rd.	Gate
K-43	197 984	Across Box Springs Rd. approx 450m N. of its intersection with the Hastings Range baseline road.	Cable
K-44	113 955	Across Moore Rd on the N. side of Carmouche Range maneuver box.	Gate
K-45	116 964	Across Moore Rd 30m S. of its intersection with the old Ware Range course road.	Gate
K-46	119 979	Across Moore Rd 725m S. of its intersection with Americo Trail.	Gate

BLOCK	GRID	LOCATION	TYPE
M-1	009 910	Across Steam Mill Rd 10m E of its intersection with Wildcat Rd.	Gate
M-2	019 938	Across Massey Rd 10 meters S. of its intersection with Buena Vista Rd.	Gate
M-3	046 892	Across Stenay Rd 30m N. of its intersection with 2nd Armored Division Rd.	Gate
M-4	046 935	Across Red Arrow Rd 30m S. of its intersection with Buena Vista Rd.	Gate
M-5	045 933	Across unnamed trail 220m SW of its intersection with Red Arrow Rd.	Gate
M-6	058 927	Across Red Arrow Rd 30m W. of its intersection with Midwest Rd.	Gate
M-7	052 923	Across Steam Mill Rd 400m S. of its intersection with Red Arrow Rd.	Gate
M-8	021 891	Across unnamed trail on S side of 2nd Armored Div Rd 110m E of entrance to Malone 2.	Gate
M-9	032 937	Across unnamed trail on S side of Buena Vista Rd 200m E. of entrance to Young Range.	Gate
M-10	059 926	Entrance to Borrow Pit on Red Arrow Rd. 50m SE of M-6 Roadblock	Gate

BLOCK	GRID	LOCATION	TYPE
O-1	063 979	Across unnamed trail 10m NE of its intersection with Midwest Rd.	Gate
O-2	058 988	Across Engineer Trail 20m N of its intersection with Midwest Rd.	Gate
O-3	056 998	Across unnamed trail 700m NE of its intersection with Midwest Rd.	Gate
O-4	078 009	Across unnamed trail 50m N. of Gorday DZ.	Gate
O-5	095 995	Across Engineer Trail 100m W of its intersection with Lorraine Rd.	Gate
O-6	092 980	Across unnamed trail 10m W of its intersection with Lorraine Rd.	Gate



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



EMD Number: 922207

Project#: Unknown

Project Title: Basic Marksmanship

Description of proposed action:

Allotted rounds per soldier per range: Malone 2-108rds of 5.56 ball, Malone 7-40rds of 5.56 ball, Malone 9-18rds of 5.56 ball, Malone 11-27rds of 5.56 ball, Malone 14-40rds of 5.56 ball, Malone 16-40rds of 5.56 ball, Malone 18-50rds of 5.56 ball, for aims periods of instruction the following allotted rounds per soldier apply: aims 1-58rds of 5.56 ball, aims 2-41rds of 5.56 ball, aims 3-110rds of 5.56 ball, aims 4-44rds of 5.56 ball and aims 5-36rds of 5.56 ball ammunition. Aims period of instruction can be scheduled on Malone 14, Malone 15, Malone 16, Malone 17, and Malone 18.

Project Location:

Malone 2,7,9,11,14,15,16,17,18, & McAndrews Range

Amount, Description, Location of Disturbance/Digging:

None

Number/Types of Vehicles:

None

Number of Personnel:

Approx.600 soldiers per week

Type of Ammunition:

5.56MM Ball, 5.56MM Tracer live Live

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 9/30/2009

Stop: 9/30/2010

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."

APPROVED THROUGH 30 SEPTEMBER, 2010

Noise

Conditions:

Ellis Leeder ((706) 545 1857), 8/12/2009

This is normal training that must be conducted annually. If there are any complaints received, the Environmental Management Division will investigate by determining if the noise was detected by noise detection monitors, and then recommending noise mitigation actions to the appropriate personnel. If any assistance is needed please feel free to contact Ellis Leeder at 706.545.1857 or email ellis.leeder@us.army.mil

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/11/2009

1. Ensure personnel know the correct procedure for handling misfires at the range:
2. 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.
3. 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.
4. Contact POC for questions or additional guidance.

EMD Number: 922207

IJO# Unknown

Project Title: Basic Marksmanship

CWA - Training

Conditions:

Jesse Taylor (706 545 0276), 8/12/2009

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. 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

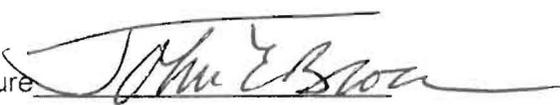
Conditions:

Michael Barron (706 544 7080), 8/10/2009

See Range Division for potential restrictions of lane usage on Malone 2 and 7.

Concur with conditions See attached conditions. Note locations of red-cockaded woodpeckers on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training restrictions may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s). In the area of Malone 16, boundaries are marked with roped off areas that are just outside the dripline of the trees and not 200 feet. In the area between Malone 16 and 17, boundaries are 200 feet. All restrictions apply to these modified boundaries.

Signature



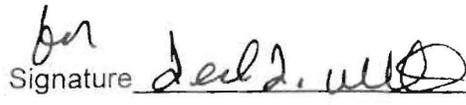
John E Brown

NEPA Program Manager

Date

19 AUG 09

Signature



Christopher E. Hamilton, PhD

Acting EPMB Chief

Date

8-19-09

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

RECORD NUMBER: 922207

1. There is one Red-cockaded Woodpecker (RCW) cluster located at Malone 16 and in the area between Malone 16 and 17. Two white bands mark cavity (nest) trees. The trees in the area of Malone 16 are roped off and there are signs placed on poles to designate the restricted area. In addition, the restricted area between the ranges is marked with signs that extend approximately 200 feet from the cavity trees. Troops should not enter the roped off areas. The following restrictions apply to the signed area (boundary):

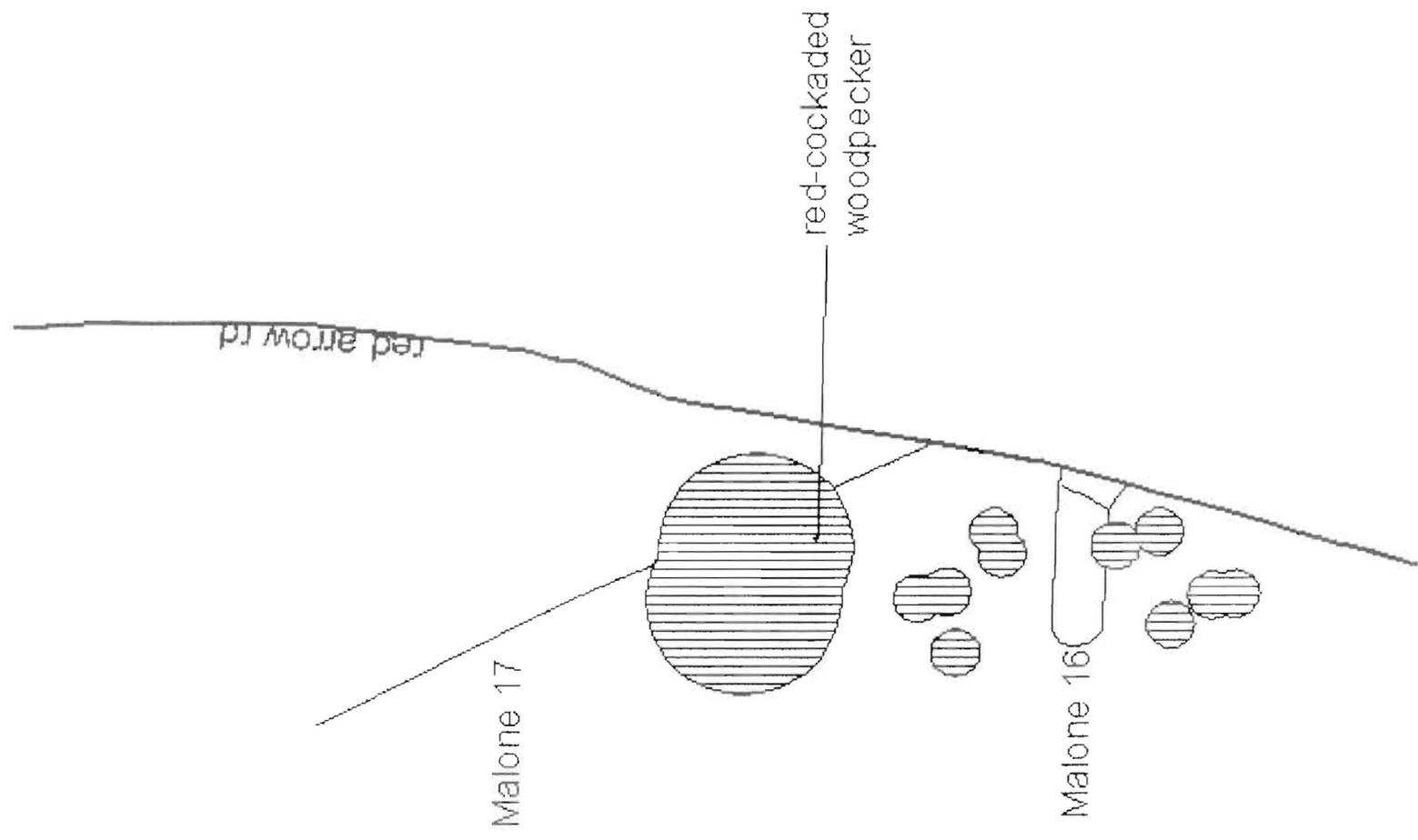
a. **Activities in cluster boundaries are limited to 2 hours with the following activities allowed:** Hasty defense-light infantry-hand digging, foot traffic, wheeled-vehicle traffic (must stay 50 feet from marked trees), vehicle maintenance, 7.62-mm and lower blank firing, artillery/hand grenade simulators, 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).

2. Report all wildfires to Range Control ASAP.

MICHAEL G. BARRON
Wildlife Biologist, CB
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

SPILL RESPONSE RECORD

FIELD TRAINING EXERCISES AND DEPLOYMENT
GENERAL SPCC CHECKLIST
 Figure 6.9.1

Units should continually keep HM/HW areas clean and orderly by applying the principals of Monitoring and Housekeeping. Vehicle Maintenance and Fueling Points, HW Collection Points and HM Storage & Supply Areas may not be set up at your filed training area and/or deployment destination.

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

Plan to build your areas to prevent HM accidents before they occur. An easy way to remember what to check, is to remember your CHECK list:

Containment:

- Ensure that secondary containment is used and in good condition.
- Empty water within secondary containment on a regular basis. If water is contaminated, dispose of it IAW the Unit Hazardous Waste Management Plan.

HM/HW locations:

- Make sure the locations of your HM/HW are well chosen. Stay away from waterways, drainage, sensitive areas, living areas, bunkers, ammunition storage, fence lines and/or dining facilities. Place them near the areas where hazardous materials are used.
- Put up warning signs and keep them clean and orderly.

Environmental Documentation:

- Maintain MSDSs for each hazardous material and update Unit/Activity SOPs and Spill Response Plans regularly.

Containers:

- Check condition of containers and keep containers of incompatible materials in proper order.

Kits:

- Place Spill Kits, First Aid Kits, and Emergency Response Kits in the vicinity of the HM/HW areas.
- Spill Kits should also be available on vehicles transporting hazardous material/waste.

PHASE I - IMMEDIATE ACTIONS FOR EVALUTING AND REPORTING SPILLS:

IMMEDIATELY REPORT ALL SPILLS TO YOUR SUPERVISOR AND CALL 911
****BE PREPARED TO PROVIDE THE FOLLOWING INFORMATION TO 911 OPERATOR:**
During Duty Hours also Call Mr. Felix Seda, EPMB Spill Manager at 545-9879

1. DATE/TIME OF SPILL: _____
2. LOCATION: _____
3. MATERIAL SPILLED (include NSN and ingredients, if able): _____
4. HAZARD: FLAMMABLE _____ TOXIC _____ CORROSIVE _____
 OXIDIZER _____ REACTIVE _____ UNKNOWN _____
 OTHER (specify) _____
5. CAUSE OF SPILL: _____
6. DESCRIPTION OF SPILL QUANTITY, SIZE AND TYPE OF AREA AFFECTED:
 - a. Quantity Released and Size of Spill Area: _____
 - b. Soil: _____
 - c. Pavement: _____
 - d. Vegetation: _____
 - e. Storm or Sewer Drain: _____
 - f. Name of Body of Water (River, Creek, Pond, Lake, Drainage Ditch): _____
7. HAS RELEASE BEEN STOPPED? _____
8. HAS RELEASE BEEN CONTAINED? _____
9. DID RELEASE CROSS INSTALLATION BOUNDARIES? (IF YES, DESCRIBE LOCATION) _____
10. TYPE AND EXTENT OF INJURIES, IF ANY: _____

****Provide a copy of this form to DPW EPMB Spill Program Manager or FAX to 545-4209**
PHASE II - POST-SPILL RESPONSE AND CLEAN UP ACTIONS:

11. DESCRIBE CLEAN-UP METHOD AND CONTAINMENT PROCEDURES: _____
12. NAME OF CONTRACTOR INVOLVED IN CLEAN-UP: _____
13. ESTIMATED AMOUNT OF SPILL RESIDUE AND CONTAMINATED MATERIAL REMOVED: _____

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.

POL/HAZMAT 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.

Units 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.

- Units are 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/NCOIC: _____

Training Area: _____

Grid Coordinates: _____

Date and Name: _____

Signature: _____

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

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 BIVOUACS.
- 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.

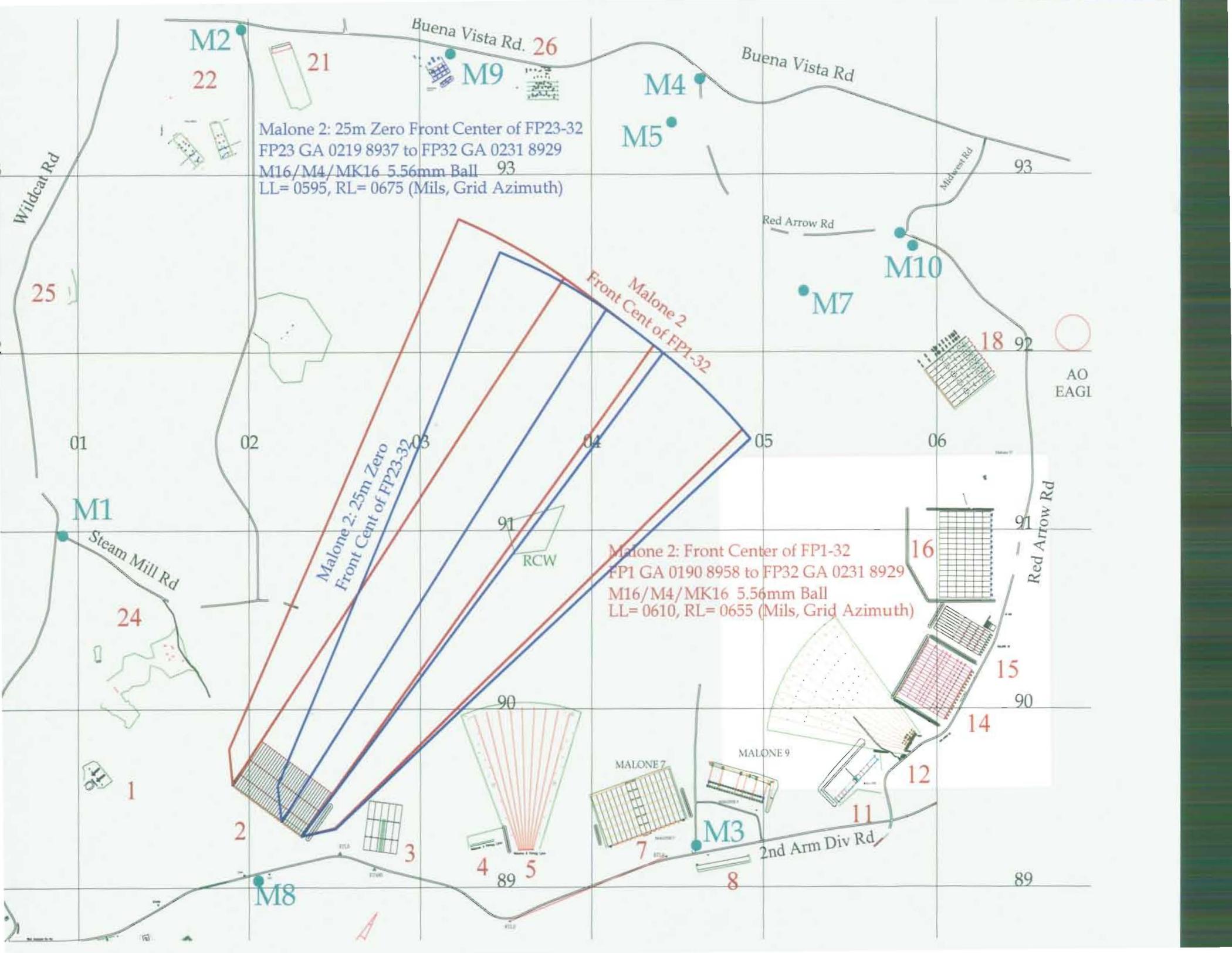
GOPHER TORTOISE: Inhabits burrows in high sandy areas. Some burrows are marked by white 1" PVC pipe topped with reflective tape. Digging and vehicular traffic must be kept more than 50 feet away from burrows.

----- CUT HERE -----

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.)



M2
22

Malone 2: 25m Zero Front Center of FP23-32
 FP23 GA 0219 8937 to FP32 GA 0231 8929
 M16/M4/MK16 5.56mm Ball 93
 LL= 0595, RL= 0675 (Mils, Grid Azimuth)

Buena Vista Rd. 26

M9

M4

M5

Buena Vista Rd

93

Red Arrow Rd

M10

M7

18 92

AO
EAGI

25

01

02

03

04

05

06

M1

Steam Mill Rd

24

Malone 2: 25m Zero Front Center of FP23-32

Malone 2: Front Center of FP1-32
 FP1 GA 0190 8958 to FP32 GA 0231 8929
 M16/M4/MK16 5.56mm Ball
 LL= 0610, RL= 0655 (Mils, Grid Azimuth)



16

Malone 2: Front Center of FP1-32
 FP1 GA 0190 8958 to FP32 GA 0231 8929
 M16/M4/MK16 5.56mm Ball
 LL= 0610, RL= 0655 (Mils, Grid Azimuth)

Red Arrow Rd

91

15

90

14

12

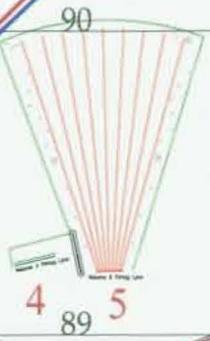
11

2nd Arm Div Rd

M3

MALONE 9

MALONE 7



89

8

89

M8

