

### 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:** 19 Oct 2011 LOG# 10-13-11  
**Range:** Warner  
**Title:** M203/MK13/M320/M320A1 Qual/Familiarization  
**Problem No:** N/A

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

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

#### SECTION I, TYPE OF TRAINING

a. Live Fire       b. Non-live Fire      CP/Controller Coordinates: GA 0300 7702

#### 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 | Right Limit |
|---------------------------------|---|------------------------------|------------|-------------|
| GA 0299 7695 to GA 0298 7705    | M203/MK13/M320/M320A1<br>Grenade Launcher | 40mm HE, TPT, HEDP, SMK, ILL | 4495 mils  | 4795 mils   |
| Same as above                   | M16/M4                                    | NA                           | NA         | NA          |
|                                 |   |                              |            |             |
|                                 |   |                              |            |             |

#### 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:  
Kenneth L. Whitehead, GS07, Survey Technician

Name/rank of Major Unit S2/Commander:  
*Brad Tesch*  
Brad Tesch, GS12, Chief Range Operations

*K. Whitehead*

*See Above*

#### SECTION VI, FOR RANGE DIVISION USE

**DATE:** 20 Oct 11

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

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

- a. Roadblocks to be closed:
- b. Road(s) to be closed/road barrier locations:
- c. Remarks:
- d. This approval expires: **Indef**

N/A  
N/A  
Unit Must have a completed CRMWS before use of this range.

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

*Brad S. Tesch*



**DEPARTMENT OF THE ARMY**  
INSTALLATION MANAGEMENT COMMAND  
SOUTHEAST REGION, GARRISON COMMAND  
35 RIDGEWAY LOOP, ROOM 385  
FORT BENNING, GA. 31905

IMSE-BEN-PLT-R

20 OCT 2011

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

SUBJECT: Warner Range, M203/MK13/M320/M320A1 Qualification / Familiarization.

1. TASK: Units deploy personnel to Warner Range to conduct 40mm Qualification, and familiarization training to sustain and improve the proficiency of the unit's wartime mission.
2. REFERENCE:
  - a. DA Pam 385-63, Range Safety, 4 August 2009
  - b. MCoE Reg 350-19, Range and Terrain Reg, 23 July 2010
  - c. FM 3-22.31
3. EXECUTION:
  - a. Commanders Intent:
    1. Purpose: To ensure all Soldiers are given the opportunity to learn, familiarize and qualify with the M203/MK13/M320/M320A1 weapon systems while executing a live fire range.
    2. Key Tasks:
      - a. Qualify all designated personnel on the M203/MK13/M320/M320A1.
      - b. Certify Grenadiers on all PMI tasks prior to live fire.
      - c. All Grenadiers are trained on preliminary and live fire tasks. Most importantly, Soldiers gain a new confidence in their ability to properly operate, employ and effectively kill with the grenade launcher.
  - b. Concept of Operation: Units conduct thorough inspections of all personnel and equipment to facilitate smooth range operation. The decisive point of the operation is that all firers are proficient on all PMI tasks to maximize effective live fire training while executing the range.
    1. Phase 1: Movement and setup- All range personnel will move from their unit location to Warner Range and conduct setup. All Grenadiers will be transported to the range and a safety brief with range orientation upon their arrival. Firing will not commence until this has taken place.
    2. Phase 2: Qualification and Familiarization- This phase will be conducted IAW FM 3-22.31.
    3. Phase 3: Movement and Recovery\_ This begins after the last firer is complete and the range has been policed and cleared by Range Control and ends once all personnel have returned to their units.

#### 4. SAFETY:

- a. Each firer will be over watched by the OIC throughout the entire firing..
- b. The firer will be issued ammo at the ammunition point prior to occupying the firing line. **Weapons will be separated by six (6) meters (20 feet) when firing.**
- c. All firers will remain online at the firing line while engaging targets and **no one will be allowed forward of the firing line at anytime.**
- d. Weapons will remain on safe unless actively engaging a target, with no cross lane firing. Soldiers will take all commands from the tower and will not lock and load on the firing line and given the command to.
- e. Soldiers will lock and clear all weapons and be rodded off the range at the completion of each firing iteration. Upon completion of the live fire range a brass and ammo check will be conducted prior to departure of the range.
- f. Ammunition will be separated by type (TP, HE/HEDP, SMK, ILL) and stored at the ammo point with a constant guard force supervised by an ammo NCO.
- g. There will be a minimum of one safety to each firer.
- h. Each firer will zero on his/her individual weapon IAW FM 23-31 with TP ammunition.
- i. The HE live fire will only be conducted by those firers that have completed and meet the standards of TP fire.
- j. All firers must participate sequentially in the entire TP fire exercise with the present unit before participating in the HE live fire portion.
- k. All weapons will be inspected for serviceability and function ability before execution of the live fire portion.
- l. Uniform for all personnel on the range at a minimum to include, but not limited to, helmet, vest (interceptor or fragmentation), load bearing equipment, hearing protection, and eye protection.
- m. A designated ambulance and medical personnel will be on site until live fire is complete.
- n. During firing anyone on the range observing an unsafe act can call a cease fire by using the hand and arm signal and/or a vocal command of ceasefire.
- o. All DUDs will be reported by the OIC to Range Control.
- p. Hazardous fragmentation from HE grenade ammunition may be experienced upto 165 meters from the point of detonation. **A minimum impact of HE/HEDP rounds will be 165 meters forward of the firing line. Appropriate HE no-fire lines will be established.**
- q. TP ammunition will be accounted for and unfired rounds turned into the ammo point prior to personnel leaving the range.
- r. HE/HEDP/SMK/ILL ammunition will be accounted for and unfired rounds will be turned into the ammo point prior to personnel leaving the range.
- s. Weapons will be oriented down range while on the firing line.

5. 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.
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. Units must have an approved Composite Risk Management Work Sheet signed by Post Safety before use of this Packet.
10. There will be no deviations to this packet unless approved by Range Control.
11. Point of contact for this memorandum is Kenneth L Whitehead, GS07, Range Operations, 706-544-6267.



KENNETH L. WHITEHEAD  
GS07, Survey Technician  
Range Operations



# RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



**EMD Number:** 1123028

**Project#:** M6491

**Project Title:** M203 Grenade Launcher (FY12)

**Description of proposed action:**

During this block of instruction the soldiers will be instructed on how to operate the M203 grenade launcher.

**Project Location:**

Warner Range

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

None

**Number/Types of Vehicles:**

None

**Number of Personnel:**

approx 250 per event

**Type of Ammunition:**

M203,40MM TPT,HE  
and smoke 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**

**Hazardous Materials/Waste**

**Conditions:**

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

Considerations for Field Training Exercises and Range Operations

1. Appropriate precautions must be taken to prevent hazardous material spills. Have adequate quantities of spill response supplies on hand. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up spill according to guidance provided by the Environmental Protection Management Branch. Any waste generated must undergo a waste stream analysis to determine appropriate management requirements. If any hazardous waste is generated it must be managed in accordance with Federal, State, Army and Fort Benning regulations.
2. Ensure personnel know the correct procedure for handling misfires at the range:
  - Closed containers (ammunition can marked 'MISFIRES") will be used for the collection of misfires at each firing range.
  - The MISFIRE container will stay closed except to add or remove misfires.
  - Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.
 All excess, unused munitions (including smoke canisters) must be returned to the Ammunition Supply Point (ASP) after the range operation is complete. Defective, misfired, or otherwise unserviceable munitions may be destroyed on the range, as part of the training exercise, in coordination with EOD. A dud shall not be removed from the range; it will be marked, called into range control and will be properly disposed of by EOD personnel IAW/MCOE Reg 350-19, dated 23 July 2010.
3. Rubbish, empty containers and other waste shall be removed from the training area after the exercise. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise.
4. Contact POC for questions or additional guidance.

**Natural Resources - RCW**

**None**

Michael Barron (706 544 7080), 8/18/2011

EMD Number: 1123028

IJO# M6491

Project Title: M203 Grenade Launcher (FY12)

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.

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

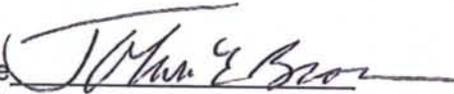
Noise

Conditions:

Ellis Leeder ( 706 545 7576), 8/22/2011

This is normal training operations that must be conducted. If there are any noise complaints received, the Environmental Management Division IONMP and or POA programs will investigate by determining if the noise was detected by noise detection monitors, and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding no fly zones. Please follow good smoke management practices not allowing smoke to travel off Installation boundary. If any assistance or a copy of MCoE Regulation 350-19 is needed please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.leeder@us.army.mil

Signature

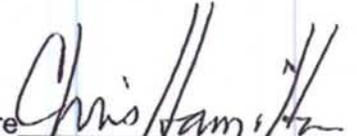


John E Brown  
NEPA Program Manager

Date

1 SEPT 2011

Signature



Christopher E. Hamilton, PhD  
EPMB Chief

Date

1 Sep 11

## Example Unit/Activity SOP for Training and Deployment

### Introduction

This SOP is divided into two main sections: PREVENTION & RESPONSE. The following sections will assist you in planning your environmental activities while bedding down, initiating, sustaining and conducting field exercises, and/or during deployment. Before you deploy, ensure you are familiar with the following:

### What Are Hazardous Materials and Hazardous Wastes

Hazardous Materials are defined as any material that may be a health or physical hazard, or any material that, based on either chemical or physical characteristics, is capable of posing a risk to human health or the environment if improperly disposed of, handled, stored, or transported. Chemical and physical characteristics that may pose a risk to human health or the environment include, but not limited to, one of the following characteristics: Ignitable; Corrosive; Reactive and/or Toxic.

Hazardous Waste: is defined as any discarded material (solid, liquid or gas) that:

1. Has no further value and cannot be reused or recycled;
2. Is harmful to human health or the environment due to its quantity, concentration, biological, chemical or physical characteristics; and/or
3. Exhibits one or more of the characteristics as described for Hazardous Material.

Contaminated or unusable fuel is a typical hazardous material/hazardous waste common to training and deployment operations and should be handled, stored, and disposed of properly.

Ten of the most common hazardous materials/hazardous wastes that you will encounter during training and or deployment operations include:

- Fuel
- Engine Oil
- Bleach or DS-2
- Solvent
- Anti-Freeze
- Transmission Fluid
- Used Oil Filters or Batteries
- Empty POL Containers
- Brake Fluid
- Grease.

These materials should be handled, stored and disposed of properly.

**SPILL KITS:** Spill kits should be maintained in and around all locations where hazardous materials/hazardous wastes are stored, handled, or disposed. Various types of kits may be ordered through the U.S. Army Supply System and include: rubber gloves, safety goggles, putty, rubber mallet, wooden plugs, absorbent booms, absorbent pads, plastic bags, and in some cases, a disposal barrel.

**SPILL PREPARATION:** Despite the best prevention, you may run into difficulties and an accident may occur when you least expect it. To minimize contamination, hazards to people, and environmental damage, you must REACT immediately. To help you prepare, this SOP will tell you:

- **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

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 and dispose of it as hazardous waste at the Hazardous Waste Collection Point.

**Hazardous Material/Hazardous Waste locations:**

- \_\_\_ Make sure the locations of your hazardous material/hazardous waste are well chosen.
- \_\_\_ 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 hazardous material/hazardous waste areas.

See Appendix D of the ASP for specific CHECKlists for areas such as: Vehicle Fueling & Maintenance Areas; Hazardous Waste Collection Points; and Hazardous Material Supply & Storage Areas.

**Response**

Be prepared to respond immediately to any spill situation. Keep your Environmental SOP and Spill Response Plan (SRP) readily available at the main hazardous material/hazardous waste areas. The SRP should ensure that the following measures are implemented:

- **PERSONAL PROTECTIVE EQUIPMENT (PPE)** - At the entrance of every hazardous material/hazardous waste area, keep a supply of PPE to protect hands, eyes, skin, ears, head, feet, and lungs. If you are unsure about which items you need, consult the MSDS for the HMs that you are using.
- **MSDS** - Make sure that MSDSs are available in order to REACT to spills safely and effectively.
- **SPILL STATIONS** - Maintain spill response equipment at a station near (not inside of) hazardous material/hazardous waste areas. They should contain: First Aid Kits, Fire Extinguishers, Spill Response Kits, and Emergency PPE.
- **TRAINING** - Improve your readiness by practicing the SPILL DRILL on a regular basis, and be sure to know the spill reporting process.

Respond to spills, major or minor, immediately in order to eliminate hazards that could cause personal injury and/or environmental damage. If assistance is required, or spill/release is major, immediately call 911 or the Fort Benning Military Police (MP) Desk.

**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**

APPENDIX H

# Spill Kits and Response Material Checklists

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**Summary Spill Kit and Response Material Checklist**

**Recommended Spill Kits for Unit/Activity Motor Pools, Aircraft Hanger Areas, and all POL Field Sites**

**Recommended Spill Kits for Fuel Carrying Vehicles**

**Recommended Spill Kits for Other Military Vehicles**

**Vehicles Transporting Hazardous Materials other than POL**

## 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"> <li>✓ Rubber gloves,</li> <li>✓ Safety goggles,</li> <li>✓ Putty, rubber mallet,</li> <li>✓ Wooden plugs,</li> <li>✓ Absorbent booms,</li> <li>✓ Absorbent pads,</li> <li>✓ Plastic bags, and</li> <li>✓ In some cases, a disposal barrel.</li> </ul>  |
| <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"> <li>✓ Various types of kits can be ordered through the U.S Army Supply System (through the Units supply or S-4 shop);</li> <li>✓ 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</li> <li>✓ 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.</li> </ul> |

Acronyms are defined in the ASP Table of Contents

## Recommended Spill Kits for Unit/Activity Motor Pools, Aircraft Hanger Areas, and all POL Field Sites

30-Gallon POL Boom Kit: Absorbs Approx. 40 Gallons  
Polyurethane 2 Rolls  
55-Gallon POL Kit: Absorbs Approx. 40 Gallons  
1 55 Gallon Drum  
2 Bags Absorbent  
6 Booms 2x10  
50 Absorbent Pads  
10 Heavy Duty Trash Bags

## Recommended Spill Kits for Fuel Carrying Vehicles

It's recommended that all fuel carrying vehicles should have a transportation pack spill kit or equivalent spill equipment on board at all times. The following vehicles are considered to be fuel transporting vehicles: HEMITT M971 2500 gallons, Tanker 5000 gallon, M49C 1200 gallon, Tank and Pump unit 600 gallon.

The following is a list of the minimum level of spill equipment recommended to be on hand in all fuel carrying vehicles, especially if they are traveling within the Installation or in a field exercise.

### Drip Pan

30-Gallon POL Kit: Absorbs Approx. 20 Gallons  
1 30 Gallon Drum  
1 16 pound bag Absorbent  
3 Booms 2x10  
25 Absorbent Pads ~17x19  
5 Heavy Duty Trash Bags  
1 Dust Pan

## Recommended Spill Kits for Other Military Vehicles

Recommended on Vehicle Equipment (OVE) for small spills (usually from vehicle leaks):

1 drip pan  
4-5 absorbent pads  
1-2 plastic bags.

### Additional Materials or Equipment

For each one of these recommended spill kits, the following should be available:

PPE such as: Goggles and Gloves. (2-3 pairs)  
1 Shovel  
2 Labels for wastes  
1 Spill report  
1 Inventory

## Vehicles Transporting Hazardous Materials other than POL

- ✓ Transportation of hazardous materials is regulated under the Department of Transportation. Personnel transporting hazardous materials must follow all DOT requirements.
- ✓ As a preventive measurement, vehicles transporting small amounts of hazardous materials or waste should have a transportation pack spill kit or equivalent spill equipment on board to REACT in the event of an incident.

- ✓ 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.

## Spill Response Record

### **PHASE I-IMMEDIATE ACTIONS FOR EVALUATING AND REPORTING SPILLS:**

**IMMEDIATELY REPORT ALL SPILLS TO YOUR SUPERVISOR AND/OR CALL 911 or the Fort Benning Military Police (MP) Desk**

**\*\*BE PREPARED TO PROVIDE THE FOLLOWING INFORMATION TO THE 911 OPERATOR:**

**During Duty Hours also Call Mr. Felix Seda, EMD Spill Manager at (706) 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 EMD Spill Program Manager or FAX to (706) 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: \_\_\_\_\_
14. ESTIMATED COST OF CLEAN-UP: \_\_\_\_\_
15. CORRECTIVE ACTION TAKEN OR TO BE TAKEN TO PREVENT FUTURE SIMILAR INCIDENTS: \_\_\_\_\_
16. NAME AND PHONE NUMBER OF PERSONNEL REPORTING SPILL: \_\_\_\_\_

**\*\*KEEP THIS FORM FOR A MINIMUM OF 5 YEARS**

## 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.)

## 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.

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/NCOIC: \_\_\_\_\_

Training Area: \_\_\_\_\_

Grid Coordinates: \_\_\_\_\_

Date and Name: \_\_\_\_\_

Signature: \_\_\_\_\_

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



Yankee Rd

Yankee Rd

Jamestown Rd

Cole

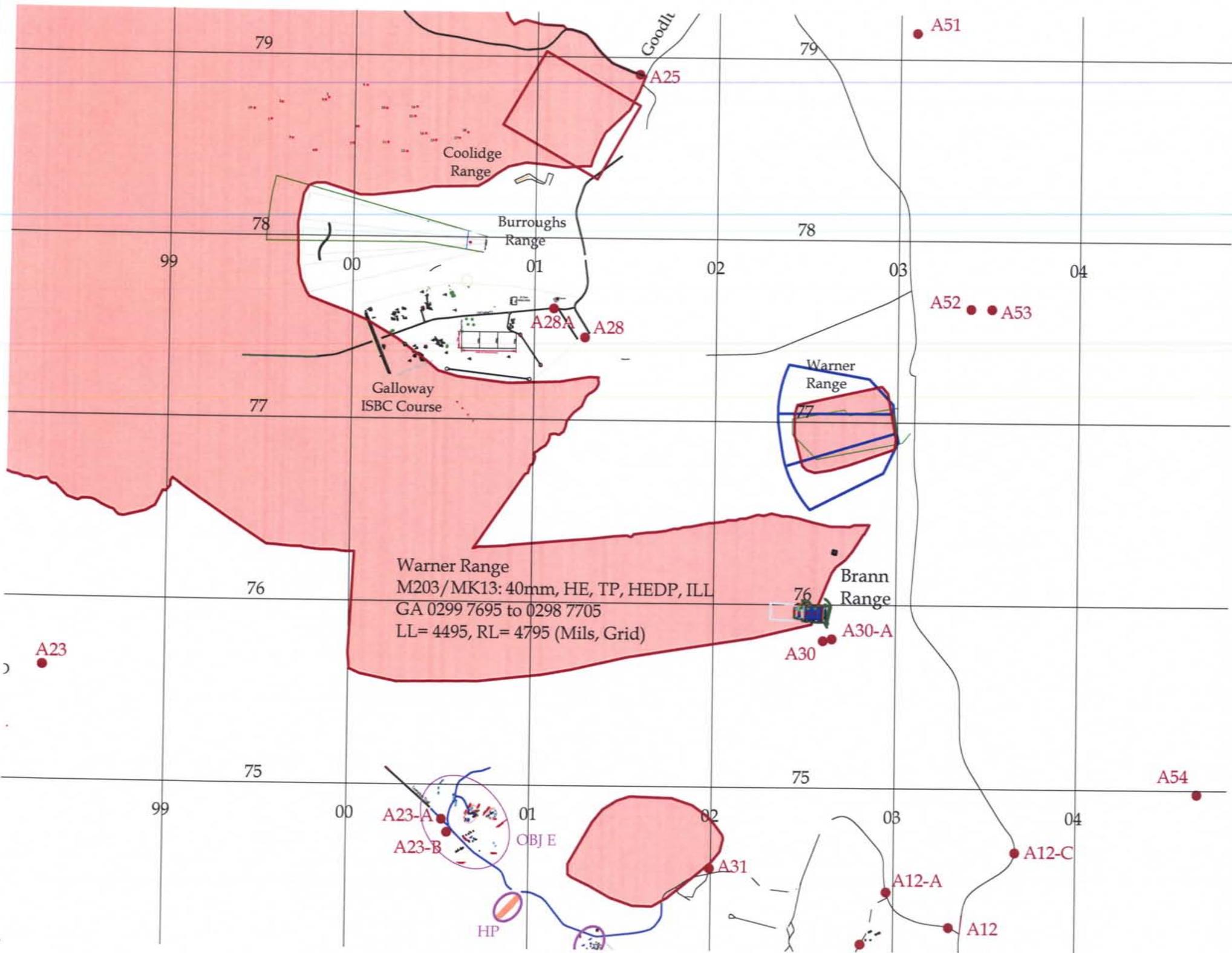
165m From FL

Target Area

Firing Line

Warner Range

Weems Pond



79

A51

Goodlt

A25

Coolidge Range

78

Burroughs Range

78

99

00

01

02

03

04

A52

A53

77

Galloway ISBC Course

Warner Range

76

Warner Range  
M203/MK13: 40mm, HE, TP, HEDP, ILL  
GA 0299 7695 to 0298 7705  
LL= 4495, RL= 4795 (Mils, Grid)

Brann Range

76

A30-A

A30

A23

75

99

00

01

02

03

04

A23-A

A23-B

OBJ E

A31

A54

HP

A12-A

A12

A12-C