

### FIRING/NONFIRING DATA

*For use of this form see USAIC Regulation 350-19; the proponent agency is DPTMS*

<b>TO:</b> Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	<b>Date:</b> 20 April 2013 <b>Range:</b> Malone 11 <b>Title:</b> Zero/Alt-C/AMT/CQM/Barricade (Stationary & Maneuver) <b>Problem No:</b> N/A
<b>THRU:</b> DPTMS, Range Operations Fort Benning, GA. 31905	<b>FROM:</b> Range Operations Fort Benning, GA. 31905

LOG# 6-1-13

#### SECTION I, TYPE OF TRAINING

a. Live Fire     
  b. Non-live Fire     
 CP/Controller Coordinates: 0556 8959

#### 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
Zero/Alt-C, Left Side FP's 1-45 0544 8948 to 0553 8957	M16/M4 M68/AN-PEM/PAQ4	5.56mm Ball,Blank Laser Aiming Device	5540 mils	5615 mils
Zero/Alt-C, Right Side FP's 62-108 0557 8961 to 0566 8971	M16/M4 M68/AN-PEM/PAQ4	5.56mm Ball,Blank Laser Aiming Device	5540 mils	5615 mils
CQM, Left Side FP's 1-45 0544 8948 to 0552 8957	M16/M4 M68/AN-PEM/PAQ4	5.56mm Ball,Blank Laser Aiming Device	5395 mils	5765 mils

#### 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: <i>Benjamin T. Bolding</i> Benjamin T. Bolding, GS08, Survey Technician	Name/rank of Major Unit S3/Commander: Brad S. Tesch, GS12, Chief, Range Operations
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#### SECTION VI, FOR RANGE DIVISION USE

**DATE:** *20 August 2013*

<b>TO:</b> DPTMS, Range Operations Fort Benning, GA. 31905	<b>FROM:</b> Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905
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<b>a. Roadblocks to be closed:</b>	See Road Block Enclosure
<b>b. Road(s) to be closed/road barrier locations:</b>	<i>M1, M2, M3, M5, M7, M9, M10</i>
<b>c. Remarks:</b>	Laser Warning Signs will be posted prior to the range being opened. Malone 11 FP's 88-108 can not be occupied when Malone 12 is firing, unless Malone 12 has a current waiver.
<b>d. This approval expires:</b> <i>Indef</i>	

Chief, Range Division  
 Directorate of Plans, Training, Mobilization and Security  
*Brad S. Tesch*





DEPARTMENT OF THE ARMY  
HEADQUARTERS, UNITED STATES MANEUVER CENTER of EXCELLENCE  
1 KARKER STREET  
FORT BENNING, GEORGIA 31905-4500

REPLY TO  
ATTENTION OF

IMSE-BEN-PLT

31 July, 2013

MEMORANDUM FOR DIRECTOR, PLANS, TRAINING, MOBILIZATION, AND SECURITY, U.S. ARMY GARRISON, FORT BENNING, GA. 31905

SUBJECT: Malone 11, Zero, Alt-C Qualification, AMT/CQM, BMS (Stress Fire), Alt Firing Positions (Standing, Kneeling, and Squatting), Stationary Barricade Firing, Maneuver Barricade with Lane separation, Reflexive Fire.

1. **Purpose:**

The purpose of this memorandum is to outline the training concept and scenario for Firing on Malone 11 using live ammunition. The training will familiarize Soldier's on firing techniques relative to combat conditions in the contemporary operating environment, firing realistic training scenarios from existing firing points and targets arrays with live munitions. During the execution of training at Malone 11, Soldiers will be able to train on the following tasks with this training packet.

- Zero (Day and Night)
- Alt-C Qualification (Day and Night)
- AMT/CQM
- Battle March and Shoot (Stress Fire)
- Alt Firing Positions (Standing, Kneeling, and Squatting, Day and Night)
- Stationary Barricade Firing (Day and Night)
- Maneuver Barricade Firing (**Right side of Malone 11 Only, Lanes 62-107**)
- Non-Barricade Reflexive Fire

2. **Zero:**

Fire from existing firing points at the 25 meter targets with M16/M4 rifle. Four foot target frames will be used through-out this scenario. Firing orders will move to their firing points at the low ready keeping their weapon pointed down range. **There will only be one (1) Soldier per firing point/platform.** Soldiers will receive ammunition from the ammunition Supply Point, (ASP). Soldiers will place their weapon on the Platforms. Soldiers waiting to fire will place their weapon to the rear of the platform either on the right side or left side. Soldiers will not Lock and Load their weapons until told to do so by the Tower NCOIC. Units can use the 10 Lane separation with this event. When using the ten lane separation there will be a lane safety with each group of firers. Each group of firers are authorized to move down range to the 25 meter targets under the safety instructions independently from each other as long as they keep the ten lane separation between groups. Weapons will be cleared and remain on the firing line prior to moving

downrange. Weapons will be cleared in accord with (IAW) paragraph 14, weapons clearing Procedures. **At no time will units proceed past the 25 meter target line.**

See Figure #1 for authorized firing positions on the Platform. Only 1 firer per Platform.

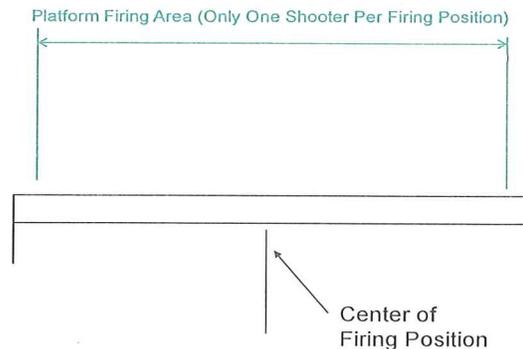
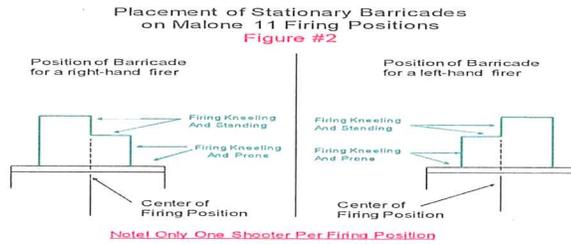


Figure #1 Positions of the Zero/Alt-C Firing on Malone 11

3. **Alt Firing Positions Fire (Standing, Kneeling and Prone):** Will be executed IAW FM 3-22-9 chapter 7. Soldiers will fire from fixed firing points at existing 25 meter targets in their firing lane. Soldiers will determine the firing position that offers the best chance of killing the target. Unit can use the ten lane separation with this event. Soldiers will conduct load fire reduce stoppage, magazine changes, and target engagement during this iteration. **Soldiers will take all commands from the lane safety (When to load and unload). Lane safeties will ensure that all weapons are cleared before moving down range. Lane safeties will clear all weapons before Soldiers exit the range. Weapons will be cleared IAW paragraph 14, weapons clearing procedures. See figure #1 above for authorized firing positions from the platforms. There will only be one firer per platform.**
4. **Stationary Barricade Firing, Fire over and around Barricade (Day and Night):** Will be executed IAW FM 3-22-9 chapter 7. This firing technique trains the Soldiers on the firing positions used in an urban environment. Soldiers will fire from fixed firing points at existing 25 meter targets in their firing lane. Soldiers will determine the firing position behind a barricade wall that offers the best chance of killing the target without exposing the Soldier to killing fire. Units can use the 10 lane separation with this event. Soldiers will conduct load fire reduce stoppage, magazine changes, and target engagement during this iteration. **Soldiers will take all commands from the lane safety (When to load and unload). Lane safeties will ensure that all weapons are cleared before moving down range. Lane safeties will clear all weapons before Soldiers exit the range. Weapons will be cleared IAW paragraph 14, weapons clearing procedures. Authorized Barricade placement positions. (See Figure #2 Below) There will only be one firer per platform.**



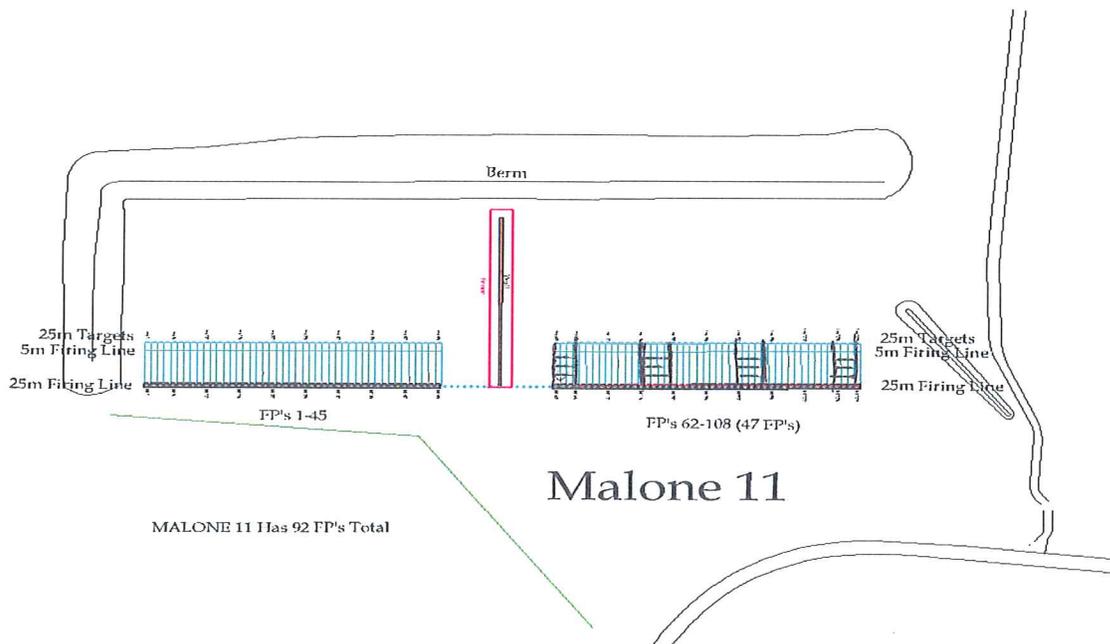
5. **Battle March and Shoot (Stress Fire):** Soldiers will fire from fixed platform firing positions at the ready line in the prone supported, unsupported and kneeling firing positions. Soldiers will move from an unspecified distance to the range. Soldiers will carry a simulated casualty as a squad over a mile course ending at the range. Soldiers will immediately proceed to the ammunition point and be issued rounds. Soldiers will proceed to the firing line and fire the standard qualification scenario. Unit can use the 10 lane separation with this event. Weapons will be cleared IAW paragraph 14, weapons clearing procedures. **There will only be one firer per firing point on this range. Soldiers are not permitted to have ammunition when they are not occupying the Firing line.** (See Figure #1 and #2)
  
6. **ARM 3 (Day), ARM 3N (Night) :** Soldiers will train and fire under controlled conditions at all times. Soldiers will familiarize with the Close Combat Optic (CCO), Infrared Laser Device (PAQ 2, 4, 15), and NVG's (ANPVS14), to engage targets during the day and night. During the day portion of the training, a tower official gives all firing commands. During the night portion, a firing point official gives firing commands with the tower official acting as overall safety. Soldiers will fire from fixed platform firing points in the prone supported, prone unsupported and kneeling firing positions. The Soldiers are instructed when to load their weapons, and when to engage targets. Unit can use the 10 lane separation with this event for day fire only. At the conclusion of the exercise, weapons will be cleared IAW paragraph 14, weapons clearing procedures. All downrange feedback will be given from the tower. (See Figure #1 and #2) **There will only be one firer per Platform.**
  
7. **Alt-C Qualification:** The Alt-C Qualification will be conducted from the 25 meter line in accordance with lane firing on assigned points. All firers will only fire at their specific target on the 25 meter target line. Units can use the 10 lane separation with this event. At the conclusion of the exercise, weapons will be cleared paragraph 14, weapons clearing procedures. Machineguns will use the 10 meter line.(see figure #1 on Zero/Alt-C platform firing area) **There will only be one firer per Platform.**
  
8. **Basic, Advanced, Maneuver Barricade, Reflexive fire.**
  - 8a. Phase 1: Range Set-up. **This event will only be run on the right side of the wall on this range.** Unit will not need to call Range Control for Check Fire Status prior to range set-up. Lanes will be set up in the following manner: **FP62-65, FP76-79, and FP90-93 and so on. This provides the 10 Lane separation. Weapons will be cleared IAW paragraph 14, weapons clearing procedures.**
    - a. Barricades – Two barricades per lane will be placed forward of the firing line, offset by a maximum of 2-meters distance from the center firing line. One barricade is placed near the 5-meter target line offset from the center left of the lane by no more than 2-meters. The second barricade is placed near the 10-meter target line offset from the center right by no more than 2-meters. Soldiers will

only fire at the target directly in front of his/her Barricade. (See Figure #2-#5 for setup options)

- b. Targets – Two four foot “H” frames will be set up at 25-meter line on existing target numbers with silhouette targets for the firer to engage. **This will not apply to the zeroing on this range.**
- c. Ammo – Ammunition will be loaded into magazines at the ammo point. Firers will receive four magazines with ten rounds in each magazine. 40 Rounds total.
- d. When executing Lateral movements Soldiers will only fire at targets in their lane. **Soldiers will not fire while moving from barricade to barricade, once they are in position behind the barricade they will then proceed to fire.** When walking left or right the Soldiers weapon will always be facing down and towards the target in their lane. Event can be run with Ten lanes of separation.

9. Phase 2: Maneuver Barricade, Dry Fire Rehearsal Areas – Before negotiating the fire and maneuver course (live fire), each firing group will negotiate the course for a practice run. The practice exercise will be conducted in the same lane and manner as the live-fire exercise except without ammunition (dry fire). Each individual Soldier must be certified by the Range Safety on the same lane used to conduct the live fire exercise. Lane Safety will ensure that the Soldiers remain generally on line with each other.

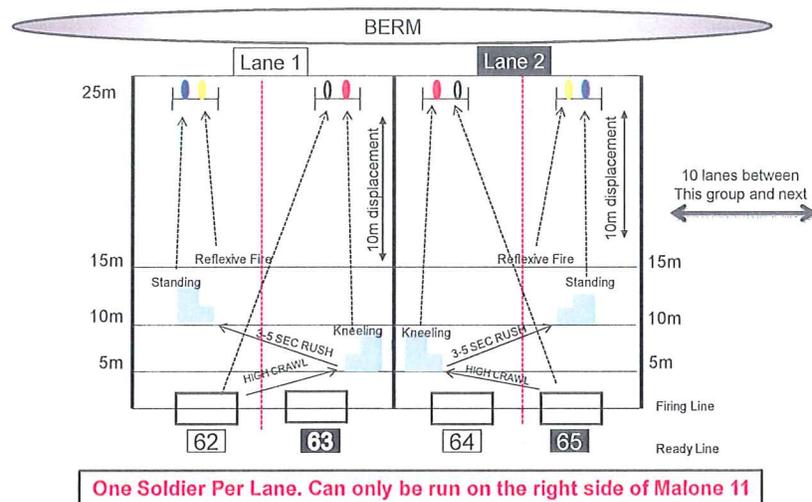
- a. Lane placement – The lanes will be set up so there are two lanes (four FP’s) adjacent to each other for DS/Safety/Cadre control (one DS/Safety/Cadre per pair of Soldiers). Each pair of firers will take up four FP’s with tens lanes between that pair of firers and the next pair of firers. **FP62-65, FP76-79, and FP90-93 and FP104-108. This provides the 10 Lane separation. (See Figure #3-#5) Malone 11 has 108 firing points. Firing Points 88-108 must be closed on Malone 11 if Malone 12 is firing, unless there is an approved waiver for Malone 12.**



**Malone 11 Figure #3**

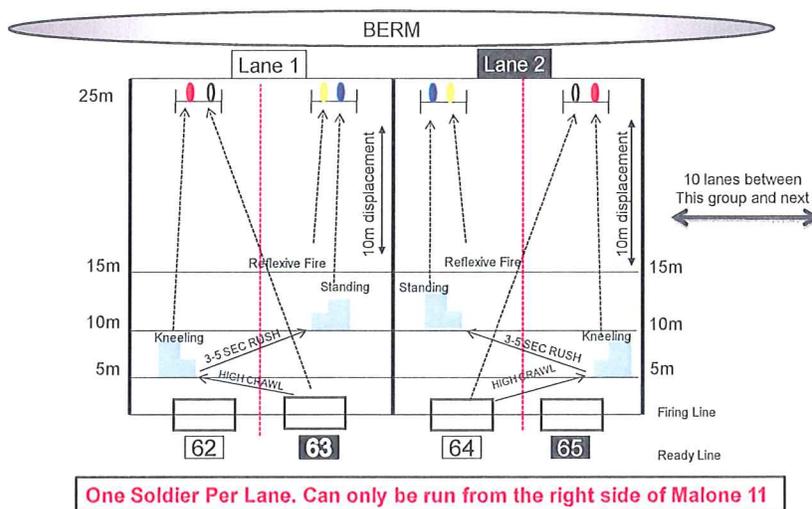
## Malone 11 Maneuver Lane Set-up "A"

### Figure #4



## Malone 11 Maneuver Lane Set-up "B"

### Figure #5



10. Phase 3: Maneuver Barricade with Reflexive Fire (Figures #4 and #5): This will be conducted during the day and given an M16/M-4 rifle, 4 stationary targets exposed with alternating colors for target discrimination, 40 rounds of live ammunition. Weapons will be cleared IAW paragraph 14, weapon clearing procedures. This Event will only be run on the right side of Malone 11's wall. FP's 62-108

- First colored target will be engaged with 10 rounds from the prone position.
- Second colored target will be engaged with 10 rounds from the kneeling position.
- Third colored target will be engaged with 10 rounds from the standing position.
- Finally, the last target will be engaged with the remaining 10 rounds while walking straight forward in his/her lane toward the target conducting reflexive fire (see Figure #4 and #5).

- During the live fire, the firer will receive orders from the Drill Sergeant/Safety/Cadre on when to advance to assume the next firing position and what color target the firer is to engage. Soldier will only fire at the targets in his/her lane. **Soldiers will not fire burst or auto fire on this range.**
- The firer will determine when to change magazines.
- Each Range Safety will supervise individual firer's actions.
- Each firer will complete this event while wearing a helmet, LBE, IBA, Eye pro and Ear pro with a M68 CCO or other similar optics is optional for this course.
  - a. Prone Firing Position (Firing Line). All orders will be given by the Drill Sergeant/Safety/Cadre on that lane. The firer will advance to the firing line, load one 10-round magazine, assume the prone firing position, and engages first stationary colored target at 25-meters while correcting any malfunctions (there will be **NO** inducing of malfunctions on this range). Once the last round has been fired the firer will place weapon on "safe", conduct a magazine change and prepare to move to the next firing position. The Drill Sergeant/Safety/Cadre will ensure that the firer conducts all safety checks prior to moving. Firers will conduct a High Crawl (commando crawl) to the first barricade and pull up a good kneeling position. Firer will not move until told to do so by the Safety.
  - b. Barricade Kneeling Firing Position (5-meter target line). The firer should have one 10-round magazine loaded. The firer advances to the first barricade using the High Crawl (commando Crawl) technique. The firer then assumes the kneeling firing position and engages the second stationary colored target at 20-meters while correcting any malfunctions. Once the last round has been fired the firer will place weapon on "safe", conduct a magazine change and prepare to move to the next firing position. The Drill Sergeant/Safety/Cadre will ensure that the firer conducts all safety checks prior to moving. Firers will carry their weapon at the low ready position while maneuvering.
  - c. Barricade Standing Firing Position (10-meter target line). The firer should have one 10-round magazine loaded. The firer advances, assumes the standing supported firing position behind the second barricade, and engages the third stationary colored target at 15-meters while correcting any malfunctions. Once the last round has been fired the firer will place weapon on "safe" and prepare to conduct the final portion of the range. The Drill Sergeant/Safety/Cadre will ensure that the firer conducts all safety checks prior to moving.  
(See Figure 4 and 5)

d. Ready, Up, Reflexive Walking Fire, (10-15 meter target line). The firer should have the last 10-round magazine loaded. The firer centers himself on the final target in his/her lane and assumes a standing reflexive firing position directly in front of the last barricade. The firer will be given the command of walk. Once walking the firer will receive the commands of "ready up" then firing controlled pairs of rounds at the center target while correcting any malfunctions. **There will be no turns during the reflexive fire exercise.** The firer will take a knee when correcting a malfunction and when all ammunition is expended. During Lateral movement the Soldier can walk left or right but must keep his/her weapon pointed down and towards the target. Soldiers will only fire at targets in his/her lane. Range Safety will score each successful hit plus assess the firer's stance and individual skill as T, P, or U on the score card. (See Figure #4 - #6 below for Set up)

# FIRING LINE

## REFLEX FIRE

### Figure #6

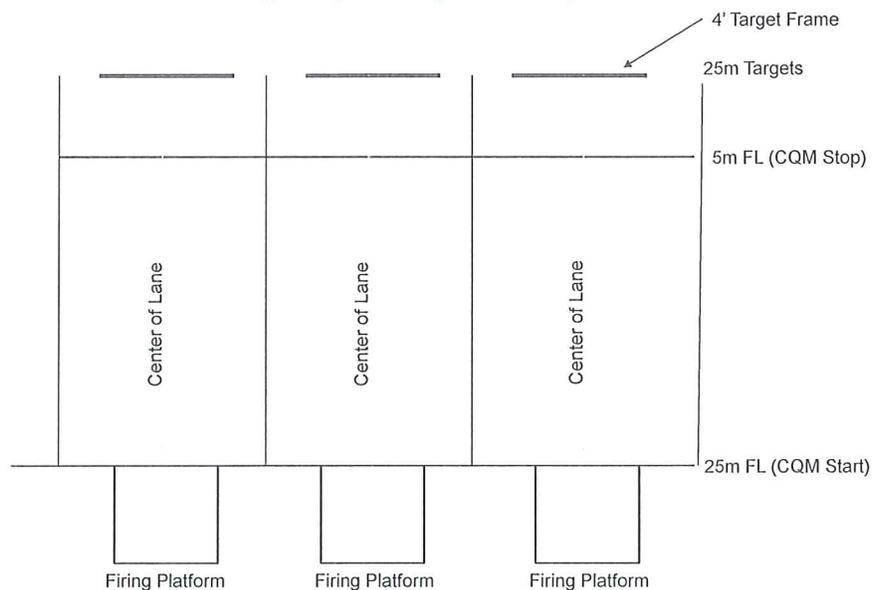


Move from cover. Reflex fire at the final target using controlled pairs will be conducted while walking toward the target. Correct malfunction as needed. Stow Magazine and Clear weapon.

- Soldier will engage targets while moving toward the final paper plate target.
- Target engagement will be conducted with controlled pairs.
- Upon completion of the Ten round magazine the Soldier will ensure weapon is on safe and conduct a final magazine change.
- ❖ Soldier will clear his M4 and conduct a dry fire exercise prior to exiting the range.

Reflexive/CQM Firing on Malone 11. Moving Down Center of Lane Firing at Targets Placed in The Four Foot Target Frame at 25m. **Only One Shooter Allowed Per Lane**

Figure 7 (Stationary Barricades)



### 11. Non Barricade Reflexive Fire:

1. All training will be conducted in accordance with FM 3-22.9. Units can use the ten lane separation for this event. **Only one Soldier per Lane.**
2. Soldiers will be given a specific amount of ammunition and told when to lock and load, and take all commands from the safety.
3. Soldiers will shoot controlled pairs into targets from the 4, 7, 10, 15, 25 meter line from the stationary position, straight ahead from walking, walk-stop-shoot, run-stop-shoot, walk laterally to the left and right. **Soldiers will not be turning left or right with live ammo.** Soldiers will only fire at targets in his/her lane.

4. Weapons will be carried with the Low-carry technique. The butt stock of the weapon will be placed in the pocket of the shoulder. The barrel of the weapon will be pointed down at the ground. Weapons will be on safe until engaging the targets. All weapons will be pointed down range. Weapons will be cleared IAW paragraph 14, weapons clearing procedures.

12. Clear weapon (Rod or Clearing Barrel). Each Range Safety ensures that weapons are properly cleared and all magazines are properly stowed. Once each lane is clear, then the firing order will return to the ready line and exit the range. (See Paragraph 14)

- a. Phase 4: Range Clean-up. Unit will call Range Control for a “Check Fire Status” prior to range clean up.
- b. Check Fire Status – Check Fire Status will not be called prior to set-up due to the range being a stationary 25-meter range.
- c. 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 MCoE 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. Safety Brief – All personnel will receive the range safety brief prior to the demonstration. All personnel will receive a laser safety brief on the hazards of lasers.
- e. Demonstration – A live fire demonstration will be conducted by experienced cadre prior to the dry fire rehearsal.
- f. Upon completion of the shooting iteration Soldiers will move down range and verify their targets with the supervision of their Drill Sergeant/Safety/Cadre. They can safely move down range using the 10 lanes of separation concept safely. Weapons will be cleared and checked by the lane safety prior to movement. Weapons will be left on the sandbags on the platforms on the firing line.
- g. Unit will establish an Ammunition Point. Unit will keep ammunition guarded at all times. Two working fire extinguishers will be at the ammo point at all times.
- h. 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.
- i. There will be no more than One Firer per Firing Point/Platform on this range.**
- j. No one will proceed past the 25-meter target line at any time.**
- k. Four foot target frames will be used through-out this scenario.**
- l. There will be no Burst or Automatic Fire on the Range.**

13. Dry Fire Rehearsal – Before negotiating the fire and maneuver course (live fire); each order will negotiate a practice course. The practice exercise will be conducted in the same manner as the live-fire exercise except without ammunition (dry fire). Each firer must be certified on the same lane that he will conduct the live fire exercise. A weapons and ammo check will be made by the cadre prior to this event to make sure no live ammunition is present during the dry fire rehearsal.

13a. Live Fire Exercise Safety:

- a. Drill Sergeant/Safety/Cadre supervision – One Range Safety per every two firers plus an additional Safety in the range tower. Each firer will have two lanes with no separation between him and his battle buddy. Each firing pair will be separated by ten lanes. (See **Figures 3-5** for Barricade placement and target placement.)
- b. Handling of ammo – All ammunition will be loaded into magazines at the ammo point. Soldiers cannot receive ammo unless they have successfully completed the BRM Task Assessment.
- c. Range Safeties will supervise proper stowage of magazines. Extra loaded magazines will be placed inside the Soldiers ammo pouches and will not be loaded until all Soldiers are online and the firing line is cleared for firing.
- d. Weapon safety when loaded – All orders will be given by the lane safety while magazines are loaded into the weapon. Range Safeties will ensure safe weapon orientation throughout the entire live fire exercise.
- e. Weapon safety while maneuvering – Buddy teams will remain online throughout the live fire exercise. There will be a ten (10) lane separation between each buddy team pair of lanes. All weapons will be placed on “safe” and carried at the low ready position while maneuvering to the next firing position and when exiting the range. All orders to maneuver on and off the range will be received from tower. Range Safeties will supervise at all times to mitigate the risk of fratricide.
- f. 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.

13b. Offset Placement of barricades – Barricades will placed offset a maximum distance of 2-meters of the center line and in a manner that will affect neither the previous firing position for that lane, nor any firing position on adjacent firing lanes. **See Figures 2, 4, and 5 for placement of barricades and targets. Soldiers will not Lock and Load until told to do so by the Tower NCOIC. Soldiers who are waiting to fire will not have ammunition until they move to the firing line.**

13c. Exiting the range – All firers will properly clear their weapons at the conclusion of firing. Firers cannot exit the range until they have been cleared by a Range Safety. Weapons will be cleared IAW paragraph 14, weapon clearing procedures.

14. Weapons clearing procedures:

- 1) All Soldiers will have their weapons rodded with a one piece rod or similar device upon entering the range and proceeding to their firing positions by a range safety.
- 2) Upon completion of the Soldiers firing exercise and before leaving the firing position the Soldier will have his/her weapon visually inspected/cleared by a qualified range safety. This person cannot be a Soldier in training status.
- 3) The Soldier will then proceed off the firing line to the clearing barrel where he/she will dry fire his/her weapon IAW published procedures.
- 4) Before exiting the range, the Soldier will then have his /her weapon rodded with a one piece or similar device by a qualified range safety
- 5) Once off the firing line Soldiers 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 Soldiers on the range.

15. Risk Management Worksheets:

Units training on Malone 11 using this Range Division standard packet are required to have in their possession while occupying Malone 11 their current commander's approved risk management work sheet along with Post Safety's concur/non-concur memorandum. These documents will be provided to the Chief of Range Operations prior to units submitting a request to schedule Malone 11. Units are also required to provide updated risk management worksheets along with an updated Post Safety concur/non-concur memorandum when there's a change in the unit command to the Chief of Range Operations prior to units submitting a request to schedule Malone 11.

16. General:

- 1) **Units can run two separate events on this range. If the unit decides to run to separate events it must be divided by the wall. One event on each side of the wall. Units cannot run zero and barricades on the same side of the wall.**
- 2) All ammunition will be loaded into magazines at the ammo point. Soldiers cannot receive ammo unless they have successfully completed the BRM Task Assessment. Range Safeties will supervise proper stowage of magazines. Extra loaded magazines will be placed inside the ammo pouches. Range Safeties will ensure safe weapon orientation throughout the entire live fire exercise. All orders to maneuver on and off the range will be received from the tower. Range Safeties will supervise at all times to mitigate the risk of fratricide.
- 3) Soldiers are not permitted to have ammunition when they are not occupying the firing line.
- 4) **Lanes 88-108 must be closed when Malone 12 is firing, unless Malone 12 has a waiver.**

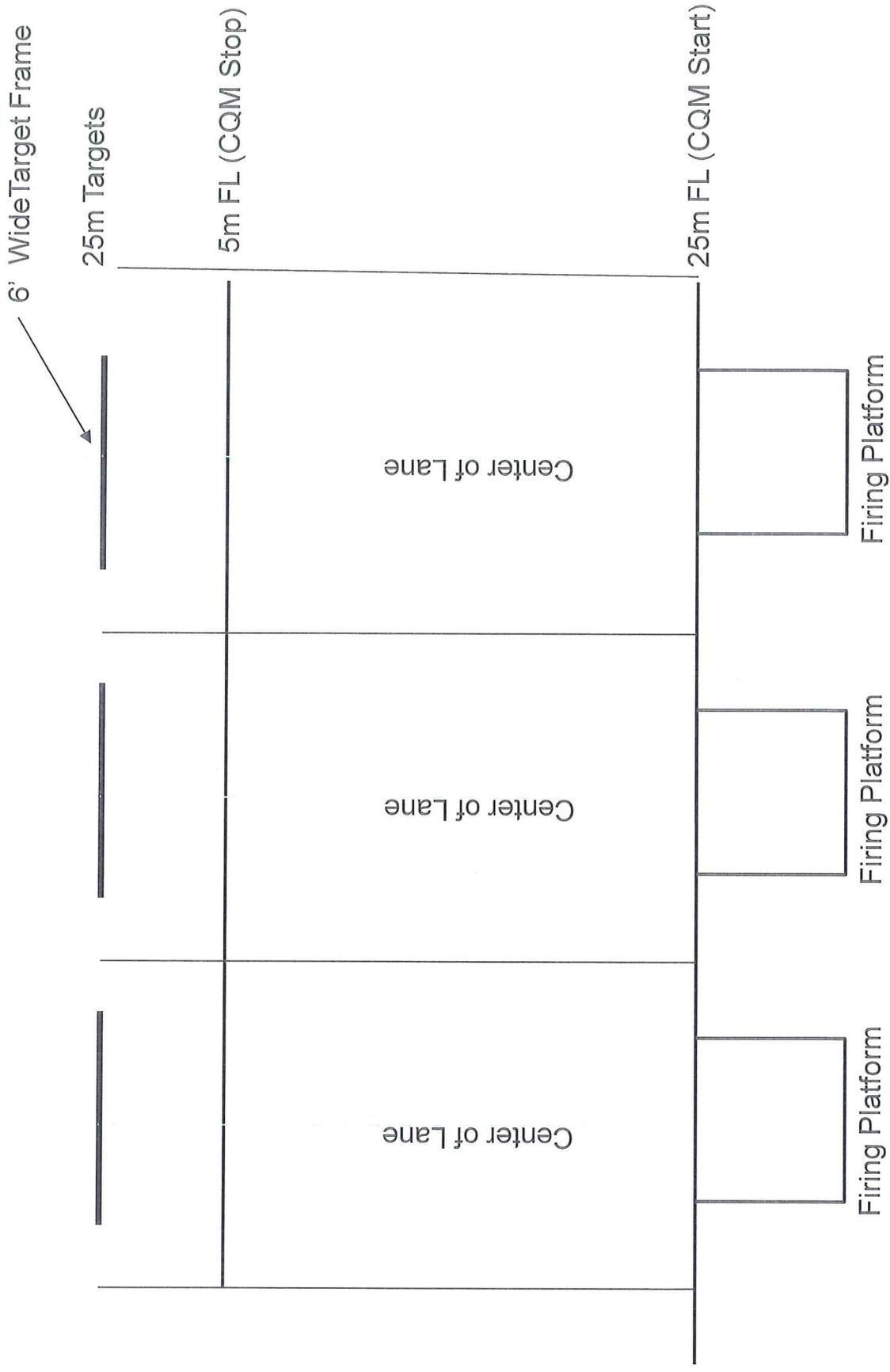
17. Point of contact for this memorandum is the undersigned @ 706-544-6385.



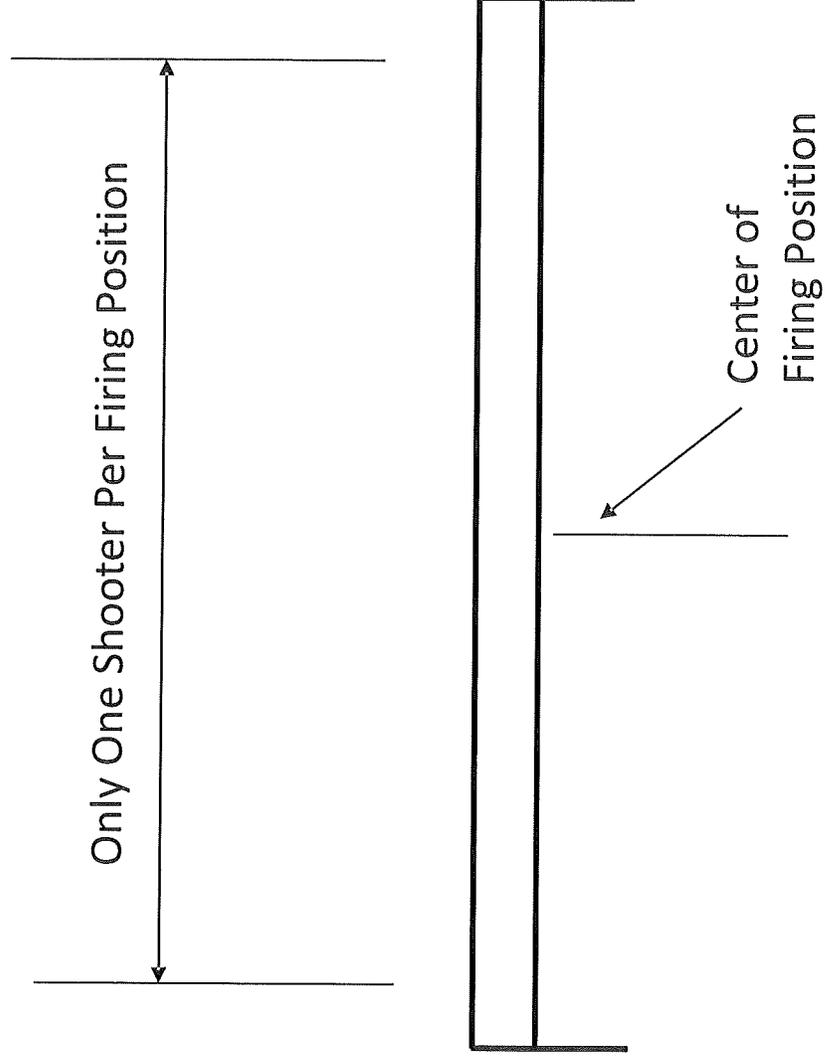
BRADLEY S. TESCH  
GS12, Chief, Range Operations  
Range Division, DPTMS

# Reflexive/CQM Firing on Malone 11. Moving Down Center of Lane Firing at Targets Placed in The Six Foot Target Frame at 25m.

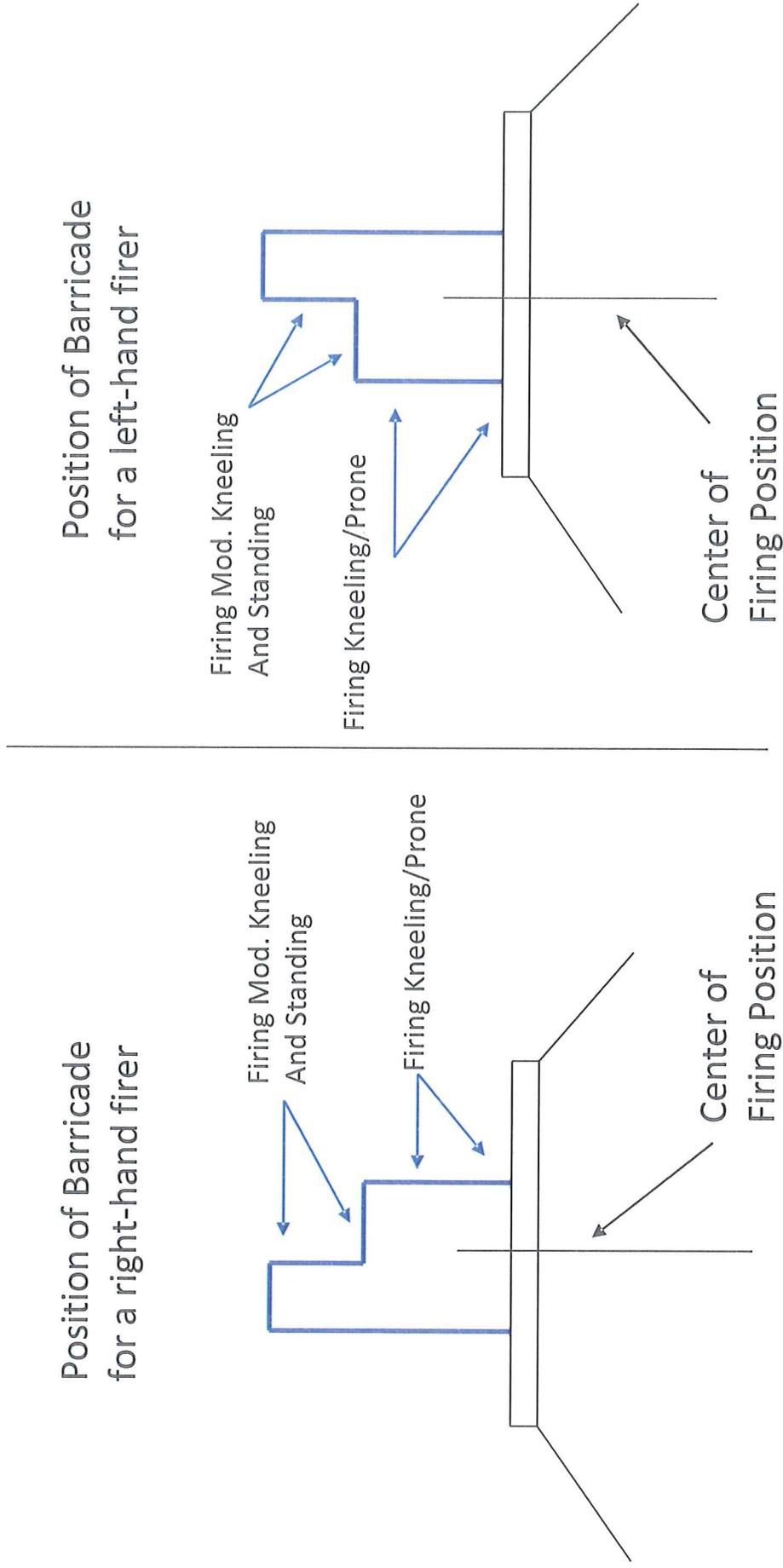
**Only One Shooter Allowed Per Lane**



# Position of Zero/Alt C Firing on Malone 11

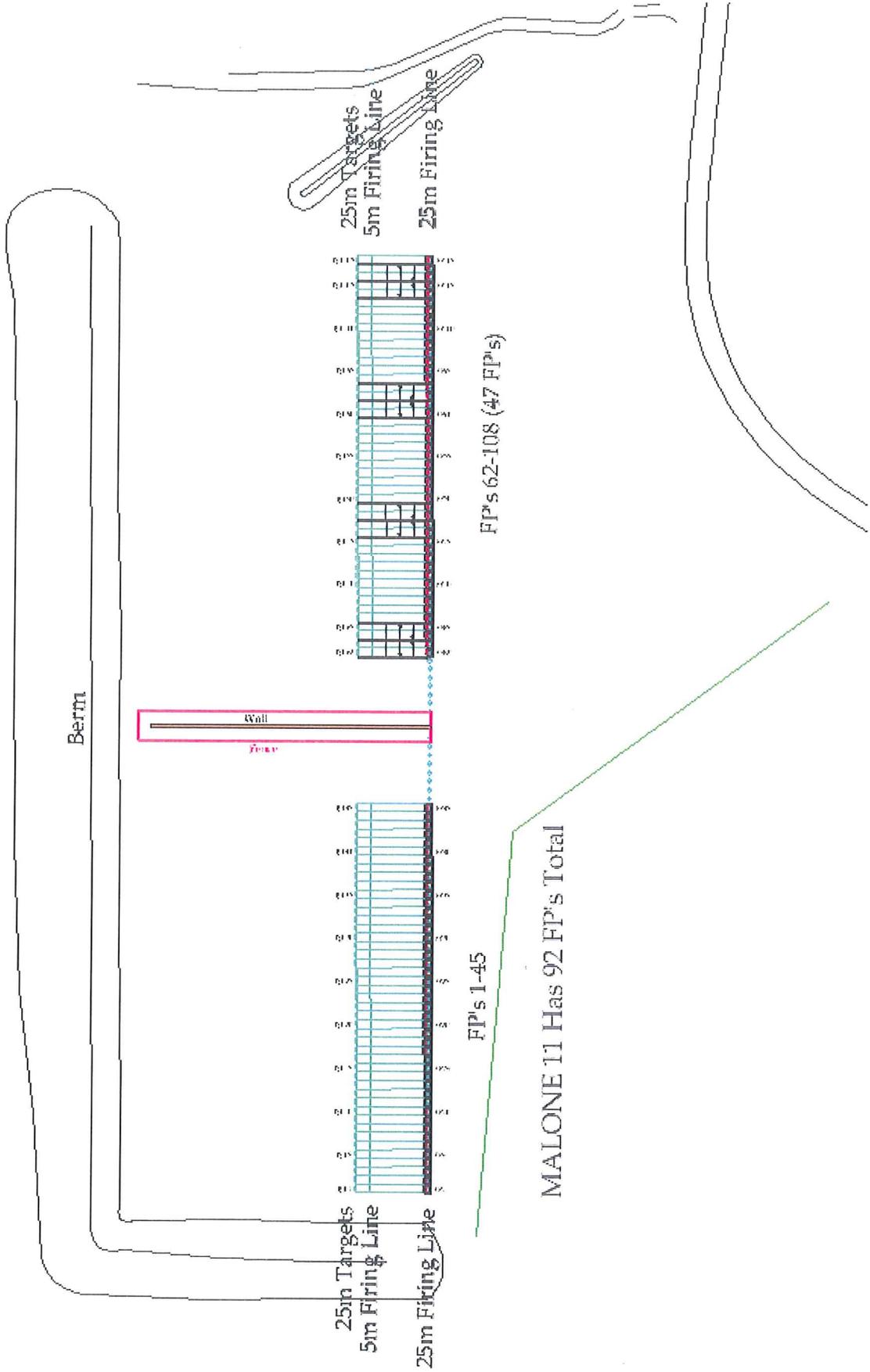


# Placement of Barricades on Malone 11 Firing Positions



Note! Only One Shooter Per Firing Position

# Malone 11



Malone 12

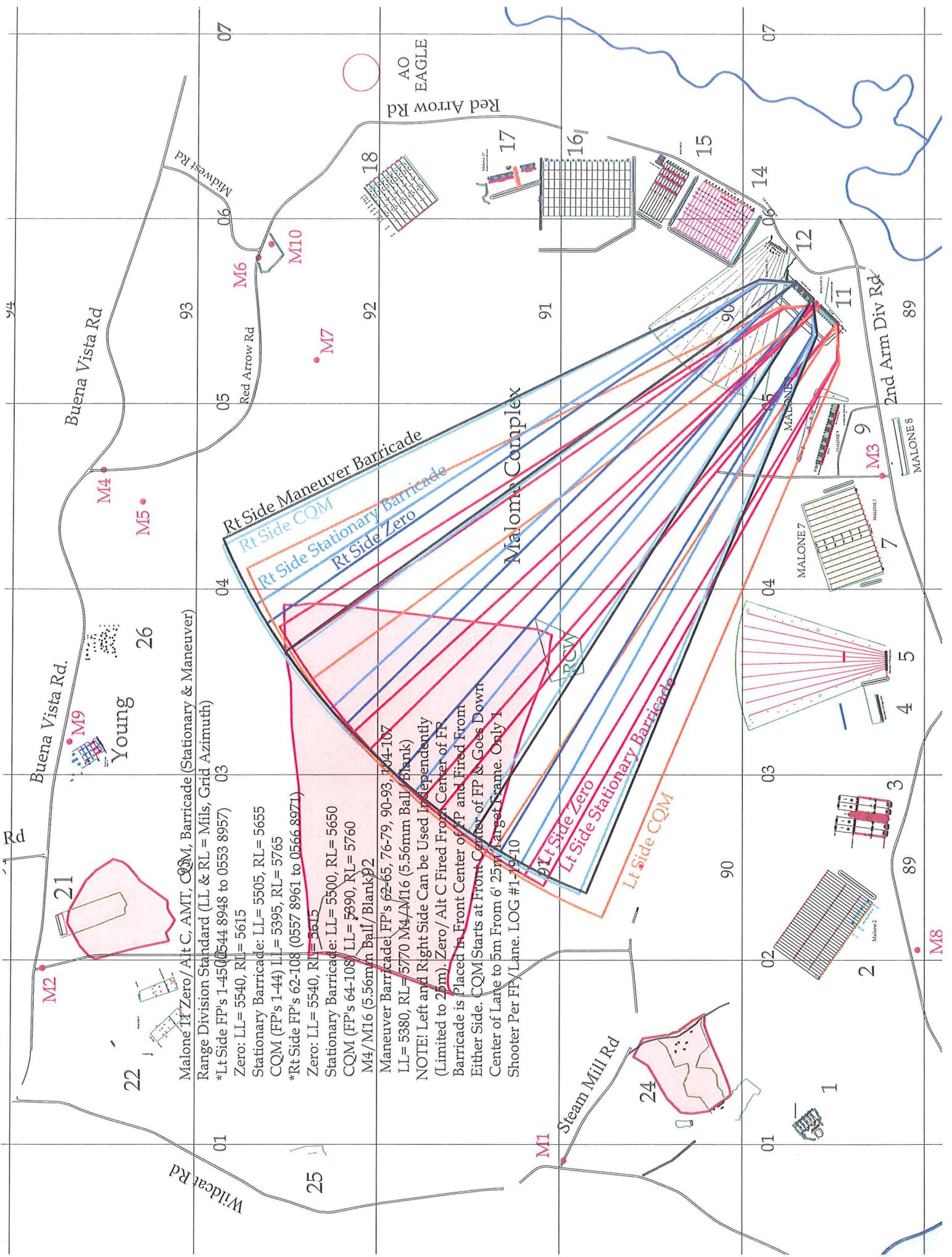


MALONE 11 Has 92 FP's Total

**RANGE CONTROL MALONE COMPLEX ROADBLOCK LIST, 01 NOV 09**

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



Malone 17 Zero / Alt C. AMT, CQM, Barricade (Stationary & Maneuver)

Range Division Standard (LL & RL = Mils, Grid Azimuth)

\*Lt Side FP's 1-450 (0544 8948 to 0553 8957)

Zero: LL= 5540, RL= 5615

Stationary Barricade: LL= 5505, RL= 5655

CQM (FP's 1-44) LL= 5395, RL= 5765

\*Rt Side FP's 62-108 (0557 8961 to 0566 8971)

Zero: LL= 5540, RL= 5615

Stationary Barricade: LL= 5500, RL= 5650

CQM (FP's 64-108) LL= 5890, RL= 5760

M4/M16 (5.56mm Ball/Blank) 22

Maneuver Barricade: FP's 62-65, 76-79, 90-93, 104-107

LL= 5380, RL= 5770 M4/M16 (5.56mm Ball/Blank)

NOTE! Left and Right Side Can be Used Independently

(Limited to 20m). Zero / Alt C Fired From Center of FP

Barricade is Placed in Front Center of FP and Fired From

Either Side. CQM Starts at Front Center of FP & Goes Down

Center of Lane to 5m From 6' 25m Target Frame. Only 1

Shooter Per FP/Lane. LOG #1-10410



# RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 8/29/2012

EMD Number: 1224214

Project#: M6853,M9876,M  
9870,M9868,M9  
874

Project Title: Basic Marksmanship

Description of proposed action:

Allotted rounds per soldier per range: Malone 2-108rds 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 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 3-11rds 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, Malone 7, Malone 9, Malone 11, Malone 14

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

approx. 600 soldiers per week

Type of Ammunition:

5.56MM ball, 5.56MM  
tracers Live

Number/Types of Trees:

None

Size of Project Area: Malone 237.01, Malone 7 40.24,  
Malone 9 9.77, Malone 11 5.28,  
Malone 14 35.51

Duration of Action: Start: 10/1/2012 Stop: 9/30/2013

Proponent: stacey.ballesteros 706-545-5677

Organization/Unit: Range Division

Number/Types of Vehicles:

Number of vehicles:varied  
Types of vehicles:5Ton vehicle,HMMWV's,HMMWV trailer, GSA vehicles,2.5T truck,FLA,4X4 truck,S10,WAT,MTV's,M77A2  
Yes-Vehicles will be going off road.  
What type of vehicles will be going off road:

\*\*\*\*\*  
**DECISION: Concur with conditions**

*This Action is adequately covered in the Existing EIS titled: 'Ongoing Mission and siting Activities, USAIC, FT.Bonning, GA.'*

*Training involving LIVE FIRE, tracked vehicles, and off-road maneuvers has NO CATEX*

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**REC APPROVED THROUGH 30 SEPTEMBER 2013**

Noise

Conditions:

Ellis Leeder ( 706 545 2400), 8/29/2012

This is training operations that must be conducted. If there is any noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Armys 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 or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved sites. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19

EMD Number: 1224214

IJO# M6853,M9876,M  
9870,M9868,M9

Project Title: Basic Marksmanship

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 8/30/2012

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

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

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

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/29/2012

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.

Defective, misfired, or otherwise unserviceable munitions must be managed IAW/MCOE Reg.350-19-5-10, Para 9-2 (Proper management of Misfired munitions). All excess, munitions must be returned to the Ammunition Supply Point after the field exercise is completed. 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, 23 Jul 2010.

Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area after the training is completed. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise. Contact POC below for any questions or additional guidance.

Natural Resources - RCW

None

Michael Barron (706 544 7080), 8/29/2012

Signature



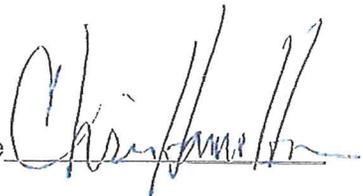
John E Brown

NEPA Program Manager

Date

31 AUG 2012

Signature



Christopher E. Hamilton, PhD

EPMB Chief

Date

31 Aug 12