

# FIRING/NONFIRING DATA

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

**LOG # 01-15-10**

<b>TO: Chief, Range Division</b> Directorate of Operations and Training Fort Benning, GA 31905	<b>DATE:</b> 26 JANUARY 2010
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<b>THRU:</b> Chief, Range Operations	<b>FROM:</b> Survey, Range Operations
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### SECTION I

<b>Problem Number:</b> N/A	<b>Range:</b> Malone 12	<b>Title:</b> Machinegun Marksmanship
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<b>Type Training:</b> <u>a. Live Fire</u> b. Non-live Fire	<b>CP/Controller Coordinates:</b> GA 0586 8980
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### SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
N/A			

### SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit Mils (Grid)	Right Limit (Mils (Grid))
Transition FP1: GA 0582 8977 to FP9: GA 0587 8986	M249/MK46 M240B/MK48	5.56mm Ball/Tracer/Link 7.62mm Ball/Tracer/Link	5040	5770
Zero FP1: GA 0581 8980 to FP50: GA 0586 8987	M249/MK46 M240B/MK48	5.56mm Ball/Tracer/Link 7.62mm Ball/Tracer/Link	5405	5575
Same as Above	PEQ2/PAC-4/M68 NVG's/PVS 14/PVS 7D (Eye Safe)	LASER Aiming Devices	Same as Above	Same as Above

<b>SECTION IV, LIVE FIRE EXERCISES Attach the following:</b>	<b>SECTION V, NON-LIVE FIRE TRAINING</b>
<b>a. Scenario of training to be conducted:</b> Enclosed	<b>a. Training area(s) to be occupied:</b>
<b>b. Sketch of area :</b> Enclosed	<b>b. Scenario of training to be conducted:</b>
<b>c. Risk Assessment :</b> Enclosed	<b>c. Sketch of area(s) to be occupied:</b>
<b>d. FB Form 210-4-2-R if Mortar or artillery is being fired:</b> N/A	<b>d. REMARKS:</b>

<b>Name/rank/signature of requesting officer:</b>  Benjamin Bolding, GS08, Chief, Survey Technician	<b>Name/rank/signature of Major Unit S3/Commander:</b>  Brad Tesch, YC-02, Chief Range Operations
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### SECTION VI, FOR RANGE DIVISION USE

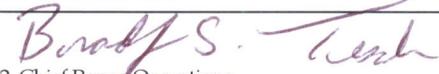
<b>TO:</b>	<b>FROM:</b> Range Division, Directorate of Operations & Training Fort Benning, GA 31905	<b>DATE:</b> 27 Jan 10
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**a. Roadblocks to be closed:** M1, M2, M3, M5, M7, M9, M10.

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

**c. This approval expires:** **INDEF**

**d. REMARKS:** Class IIIA LASERS are not eye safe on dual low mode within 25 meters. PEM-1A is not a tactical LASER and must be used within 25 meters. LASER warning signs will be in place. Range safety briefing will include the hazards using LASERS and NVD's.

Chief, Range Division Directorate of Operations and Training	<b>Signature:</b>  Brad Tesch, YC-02, Chief Range Operations
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**DEPARTMENT OF THE ARMY**  
**HEADQUARTERS UNITED STATES ARMY INFANTRY CENTER**  
**DIRECTORATE OF OPERATIONS AND TRAINING**  
**FORT BENNING, GEORGIA 31905**

IMSE-BEN-PLT-R

27 January 2010

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

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

SUBJECT: Machinegun Marksmanship Training on Malone 4 & 5, Malone 12, and Wagner Range.

MISSION: All units scheduled will conduct Machinegun Marksmanship on Malone 4 & 5, Malone 12, and Wagner in order to train Soldiers.

EXECUTION:

1. Chief, Range Division's Intent: The intent is for Soldiers from units on Fort Benning to conduct training on range determination, target detection, application of marksmanship fundamentals, and other skills needed to engage a target with an M249/MK46/M240B/MK48 machine gun.
2. Concept of the Operation: Units scheduled will conduct Marksmanship Training in accordance with (IAW) FM 3-22.68 (Crew-Served Machine Gun, 5.56mm, and 7.62mm), and FB Form 210-4-3-R (Firing/NonFiring Data). Training will include the following phases:
  - a. Soldiers will use the 10-meter targets on Malone 4, Malone 12, and Wagner to zero.
  - b. Preliminary Gunnery: In this phase, the gunner learns and demonstrates proficiency on individual skills that prepare him to fire live ammunition. This includes mastering mechanical training, the four fundamentals of marksmanship, T&E manipulation, sight adjustments, crew drill, and fire commands.
  - c. Basic Gunnery: In this phase, the gunner applies the fundamentals in live-fire exercises during day and night conditions. This includes zeroing, 10-meter firing with crew drill, field zeroing, and transition firing with crew drills.
  - d. Advanced Gunnery: In this phase, gunners are trained on combat techniques of fire, techniques of employment, and live-fire exercise.
  - 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 machinegun range and establish communications with range control. Open the range by enacting 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 will consist of recovery of all equipment, personnel, clean up, after action review and closure with range control.

**NOTE: Units/Activities requesting to divert from the standard packet will have to get approval in writing from Chief, Range Division.**

5. Safety/Service Support: Will be outlined 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) Range book, tracking map, markers, and communication equipment.
- e) Weapons will be cleared by rodding (one-piece brass rod) and visual inspection on and off the firing line.
- f) Weapons will be oriented down range while on the firing line.
- g) Weapons will be on safe when not engaging targets.
- h) Signal to fire is verbal, bullhorn, or whistle.
- i) During firing anyone on the range, observing an unsafe act can call a ceasefire by using the hand in addition, arm signal and/or a vocal command of ceasefire.
- j) Soldiers will receive the required amount of ammo.
- k) All unused ammo will be turned into the AHA upon completion of firing.
- l) Soldiers will lock and load weapons when instructed by the control tower.
- m) Soldiers will engage targets in their lane only.
- n) De-linking and/or re-linking of ammunition and its use is not authorized.

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 544-6385.



Brad Tesch  
YC-02  
Chief, Range Operations

## MEMORANDUM FOR WHOM IT MAY CONCERN

SUBJECT: Standard Operating Procedures for Malone 4 & 5, Malone 12 and Wagner Range

1. PURPOSE: To establish Standard Operating Procedures (SOP) to be utilized for marksmanship training on Malone 4 & 5, Malone 12 and Wagner Range.
2. APPLICABILITY: This SOP applies to all units/activities conducting marksmanship training on Malone 4 & 5, Malone 12 and Wagner Range. All Officers in Charge (OIC), Non-Commissioned Officers in Charge (NCOIC) and Range Safety Officers (RSO) will become familiar with the guidance of this SOP and all other applicable references.
3. REFERENCES:
  - a. USAIC Regulation 210-4, Range, and Terrain Regulation.
  - b. FM 3-22.68 Crew-Served Machine Gun, 5.56mm, and 7.62mm.
4. SCHEDULING: All units/activities will have all appropriate and approved documents from the Range Management Officer, Request Summary, FB 210-4-3-R, Scenario, 144R, Record of Environmental Consideration, Daily Risk Management Worksheet, Risk Management Worksheet (FB Form 46-R) and all appropriate FM's and TM's for all weapons being fired on the range and a valid range safety card.

NOTE: Units/activities scheduled to conduct training on Malone 4 & 5, Malone 12, Wagner Range are required to contact the Sustainable Range Program (SRP) Coordination Office at 545-5677 one day prior to the execution of the training event. The SRP Coordination personnel assigned to the range will have the following current documents listed above except for the daily risk management worksheet, request summary and range safety card for the OIC and RSO. Units/activities requesting to divert from the standard packet will have to get approval in writing from Chief, Range Division. Requests to schedule target systems support will be noted in RFMSS. Due to limited target systems resources, it is imperative that realistic firing time requirements are scheduled. Final coordination by unit POC is required with Target System Branch two weeks prior to requested dates in order to ensure adequacy of support (POC is Mr. Putz @ 545-3037).

## IMSE-BEN-PLT-R

SUBJECT: Standard Operating Procedures for Malone 4 & 5, Malone 12 and Wagner Range

5. GENERAL: Units/Activities will have a SRP Coordinator from Range Control to check/clear them prior to requesting an opening/closing code. The red range flag will be displayed on the flagpole at the entrance to the range prior to executing any training and removed prior to departing the range. Units will give a safety briefing/range orientation prior to training. Weapons will be rodded using a one-piece brass-clearing rod prior to the issuing of approved ammunition and prior to proceeding to the firing line. All commands will be given from the control tower. A one-piece brass-clearing rod will be utilized when a firer has completed all firing and before departing the firing line. Firers will lock and load only when instructed by the control tower. Soldiers will fire in their lanes only and no cross firing is allowed on range. Firers will be under the direct control of the OIC/RSO at all times. Safeties will assist with control of all firers on the firing line. All weapon malfunctions will be attended by the cadre only and will be IAW FM 3-22.68. Removal of all trash and debris from the ammunition point and range support facilities will be the using unit's responsibility prior to departing the range.

NOTE: Units needing to zero the M249, M240B, MK46, and MK48 will be IAW USAIC 210-4-3-R and scenario for that range.

6. MEDICAL: Medical personnel and equipment on site will be IAW unit POI and risk management worksheet with appropriate risk level for the type of training conducted. MEDEVAC will be IAW USAIC Regulation 210-4 and AR 40-2.

7. LASERS: PAQ4, PEQ2A and similar lasers are authorized for use. Laser warning signs will be posted and visible to everyone on the range prior to any laser utilization. Laser hazards will be included in the safety briefing and risk management worksheet. Laser utilization on Fort Benning will be IAW USAIC Regulation 210-4.

8. AMMUNITION POINT: Weapons and open flames are prohibited within fifty (50ft) of all ammunition points on the range. Two bicarbonate fire extinguishers will be available at all times. The ammunition Non-Commissioned Officer will control all issue and receiving of all unused ammunition. Ammunition will only be issued to firers when all safety procedures are adhered to and the firer is ready to proceed to the firing line safely. Weapons will not be loaded when departing the ammunition point. Only authorized weapons and ammunition will be issued, stored and present on the range.

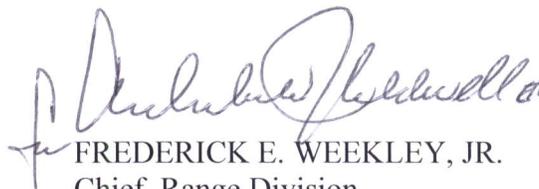
9. SAFETY: If hazardous conditions present immediate danger to life or property, training will cease until the hazard has been removed. Safety will not be compromised for any reason. Anyone observing an unsafe act will immediately stop training and notify the OIC/RSO/NCOIC and Range Control IAW USAIC Regulation 210-4 of the safety violation or incident.

IMSE-BEN-PLT-R

SUBJECT: Standard Operating Procedures for Malone 4 & 5, Malone 12 and Wagner Range

- a. Smoking is not permitted during training. A smoking area designated by the OIC will be a **minimum of one hundred (100ft) feet from all flammables.**
- b. All meals will be eaten in the designated mess area and all trash will be policed by the unit and removed from the range.
- c. If a fire occurs in an area being used by a unit, the unit commander, ranking officer or NCO will be responsible for compliance with USAIC Regulation 210-4. The unit commander or senior person present will promptly report the fire to Range Control and be responsible for suppression of the fire until Natural Resources Branch personnel arrive at the scene. All personnel and equipment present at the scene of fire shall be available to Natural Resources Branch personnel for fire suppression purposes. Unit will not proceed forward of the firing line until clearance from Range Control is given.
- d. Misfire procedures are explained in the appropriate weapon and/or ammunition technical manual and field manuals. When immediate action or remedial action fails to reduce the malfunction, contact the Ammunition and/or Weapons Inspector through Range Control.
- e. De-linking and/or re-linking of ammunition and its use is not authorized.
- f. When a malfunction is experienced, the Officer in Charge or Range Safety Officer will suspend all firing and immediately notify Range Control, DPTM, via radio. **UNIT SHALL RETAIN WEAPONS AND ALL COMPONENTS AND AMMUNITION INVOLVED IN PLACE.** An investigation is required and will be conducted by DOL Maintenance Division Inspector (545-2279) and DOL QASAS/Ammunition Inspector (544-7490/7489/6015). Range Control will make the appropriate notifications.

10. The point of contact for this action is Mr. John Flores, Operations Branch, Range Division, Directorate, Plans, Training, Mobilization and Security, COMM (706) 544-6342 or DSN 784-6342 or email [john.flores@conus.army.mil](mailto:john.flores@conus.army.mil).

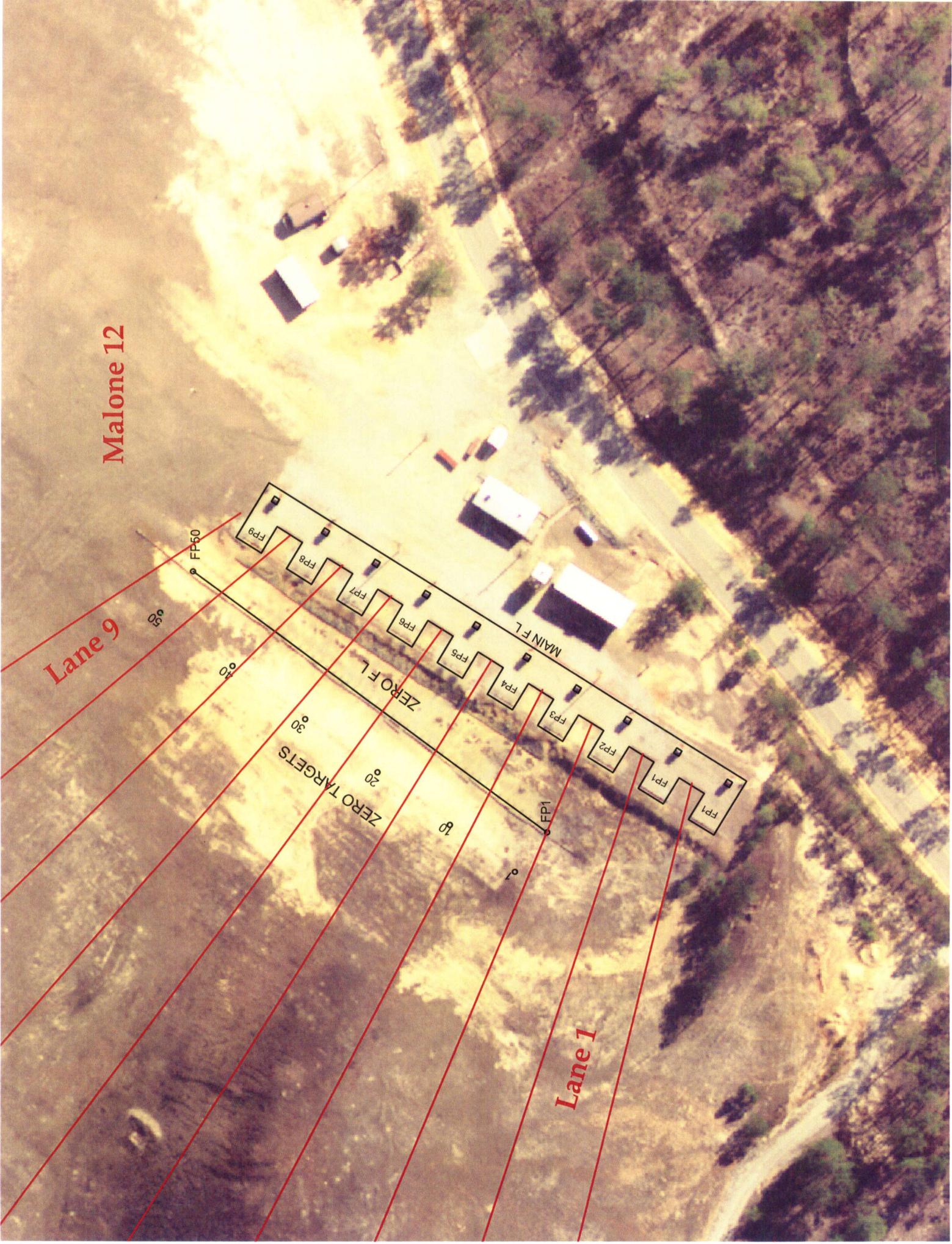


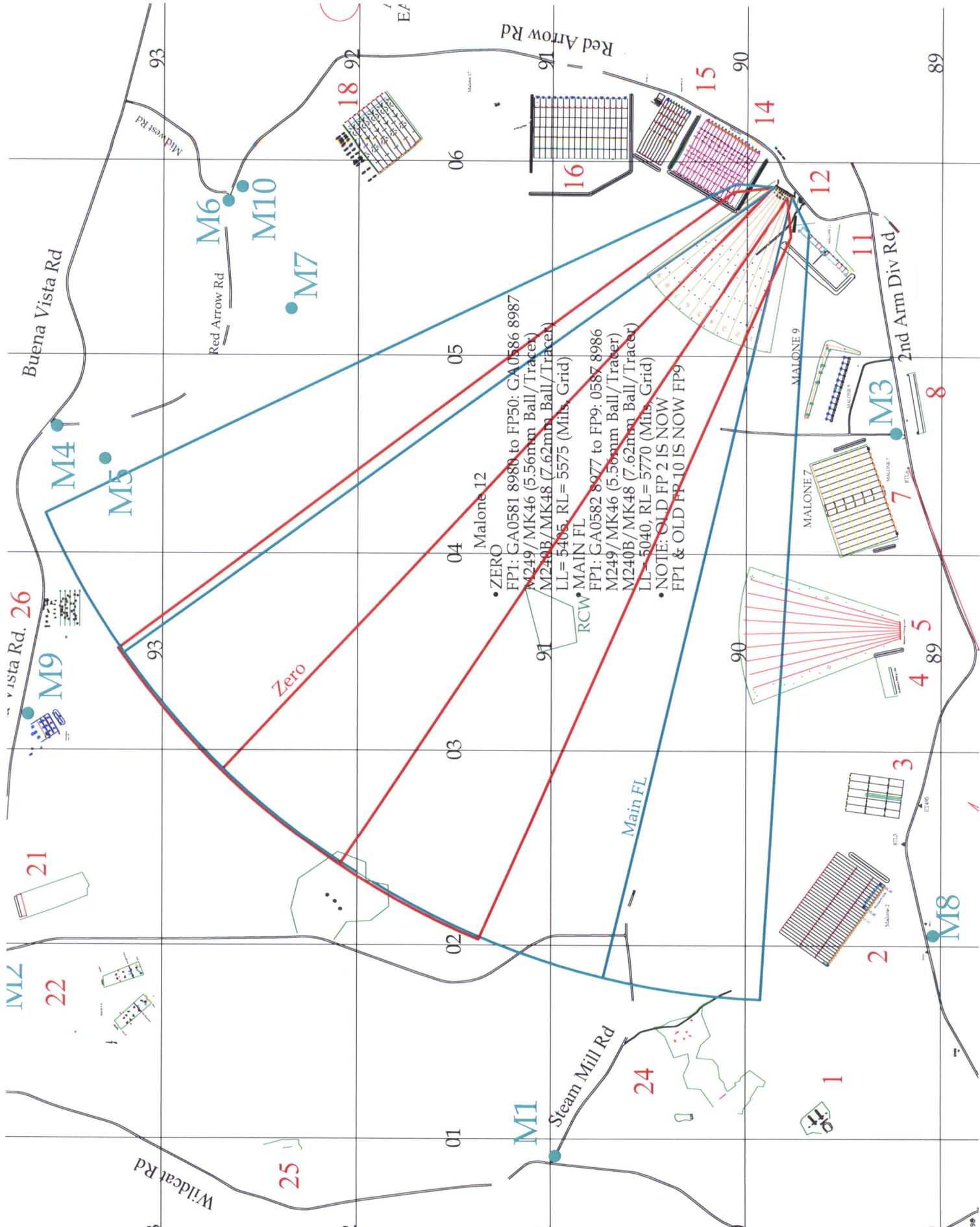
FREDERICK E. WEEKLEY, JR.  
Chief, Range Division  
Directorate, Plans, Training, Mobilization  
and Security

Malone 12

Lane 9

Lane 1





IMZ  
22  
21  
M9

IMZ  
22

Wildcat Rd

Buena Vista Rd

vista Rd. 26

Wildcat Rd

M6  
M10  
M7

M6  
M10

Zero

01

02

03

04

05

06

M1

Steam Mill Rd

• ZERO  
 FP1: GA0581 8988 to FP50: GA0586 8987  
 M249 / MK46 (5.56mm Ball/Tracer)  
 M240B / MK48 (7.62mm Ball/Tracer)  
 LL = 5405, RL = 5575 (Mils, Grid)  
 • MAIN FL  
 RCW  
 FP1: GA0582 8977 to FP9: 0587 8986  
 M249 / MK46 (5.56mm Ball/Tracer)  
 M240B / MK48 (7.62mm Ball/Tracer)  
 LL = 5040, RL = 5770 (Mils, Grid)  
 • NOTE: OLD FP 2 IS NOW  
 FP1 & OLD FP 10 IS NOW FP9

16

Main FL

24

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