

R3400. Safety precautions

React to Convoy Ambush

a. References:

- (1) FM 3-22.9.
- (2) FM 3-22.27.
- (3) FM 3-22.31.
- (4) FM 3-22.69.
- (5) FM 3-23.5.
- (6) FM 3-23.30.
- (7) FM 3-23.35.
- (8) AR 385-63.
- (9) DA Pam 385-63.

b. Location: UV0442952360.

c. **Description and Capacity:** An Infantry Squad Battle Course used to train and test infantry squads on the skills necessary to conduct tactical movement techniques, detect, identify, engage and defeat stationary and moving infantry and stationary armor targets in a tactical array. Weapons/ammunition authorized on this range are: M4/5.56mm, M249/5.56mm, M240/7.62mm, M9/9mm, MK19/40mm TP only, M203/40mm TP only, AT4/9mm sub caliber only.

d. Communications: Using unit will establish 2 means of communications with Range Control (FM Freq: 40.80 primary, and 31.30 alternate) prior to firing. Using unit must provide 2 communication sources; no additional sources are located on the range. Firing will not be initiated or will immediately cease when communications with Range Control is not operational.

e. Safety precautions:

- (1) Camp Gruber Range Safety briefing and Range Packet.
- (2) Range flags (3) will be flown from; MRF-2 range (entrance), the Hand Grenade Live Fire range, and the main Range Loop Road flagpole.
- (3) Only Range Control personnel qualified to maintain target mechanisms are authorized to repair or adjust targetry.
- (4) A medical aid man/medic must be present on the range during the conduct of live firing/training.

Additional medical requirements are:

- (a) The aid man must be MOS qualified.
- (b) The aid man must have a standard aid bag and litter.
- (c) Unit commanders or representatives must be prepared to give the rank, name, and SSN of all medical qualified personnel.
- (d) A litter-bearing vehicle must be on site with a driver other than the medic and capable of transporting a litter patient.
- (5) OIC must be a minimum of E7 or above. Safety Officer must be minimum of E6 or above. Company level exercises require an Officer/Warrant Officer as the OIC and an E7 as the Safety Officer.

f. Special Instructions:

- (1) Range Officer and Range Safety Officer will report to Range Control for a range safety briefing and turn in a risk assessment (IAW FM 100-14) prior to issue of the range.
- (2) The Range Safety Officer is responsible to certify that all Observer Controllers/OC are knowledgeable and understand the safety policies and procedures for this range. A memorandum will be submitted to Range Control with the OC's name, rank, SSN and unit of assignment with the Range Safety Officer's signature block, prior to issue of the range.
- (3) Each using unit's command will develop a detailed, written, training plan, which will be submitted to Range Control for coordination/approval prior to arrival of the using element. This plan will have a mission scenario, which addresses the following areas:
 - (a) Maneuver and fire support plan.
 - (b) Weapons, ammunition, pyrotechnics/smoke and chemicals to be used.
 - (c) Command, control, and communications plan.
 - (d) Training areas/facilities required.
 - (e) Targetry required.
 - (f) Safety plan.
 - (g) Observer/controller plan.

(4) Minimum uniform requirements for this range will include Kevlar helmet, hearing protection, eye protection, and protective vests as a part of each individual's fighting load components. MK19 operators will also wear protective gloves.

(5) MK19 special instructions:

(a) All personnel on the firing line and within the 20-meter radius of each weapon system will wear approved protective helmets, gloves, protective body armor, single hearing protection, and proper eye protection.

(b) Daily noise exposure limit within the contour hazard area (20 meter radius) is 1000 rounds per day.

(c) Targets will be engaged only at ranges greater than 80 meters.

(d) Firing through obstructions is prohibited.

(e) Using units will be required to recover fired/expended rounds, under the supervision of Range Control personnel, at the completion of the range event. All Army personnel recovering 40-MM M918 TP projectiles will follow the procedures outlined in TB 9-1310-251-10. The use of protective equipment listed in TB 9-1310-251-10 when recovering rounds is mandatory.

(6) MK19 vehicle restrictions:

(a) Vehicle mounts will contain a stop to ensure minimum elevation is above 30 mils when firing.

(b) Firing from vehicles with open tops/hatches is prohibited.

(c) Side doors must be closed when firing to the flank of the vehicle.

(d) Speed limit for firing from moving vehicles over roads/improved trails is not greater than 10 MPH/16 KPH.

(e) Speed limit for firing from moving vehicles over rough roads/cross country is not greater than 5 MPH/8 KPH.

(7) Overhead firing techniques will not be conducted on this range.

(8) Individual/weapon safety requirements:

(a) Each weapon will have a safety function check prior to issue.

(b) Each soldier (firing a weapon) will have qualified on his weapon system within the previous 12 months.

(c) All personnel on the range will be trained and demonstrate a thorough knowledge of required safety procedures pertaining to their weapon system, ammunition, and emergency range procedures prior to conducting exercises on the range.

(d) Each weapon system will be physically inspected (rodded) off the firing line prior to movement away from the firing range (i.e. final firing positions at the conclusion of the event).

g. Road guard requirements: One at Gate 58 (24th Street and Sicily Road) preventing entry onto the range. Road guards are required to maintain FM communication with the Range OIC. Road guard is required to assist Range Control personnel in the placement/recovery of range firing warning signs and barricades. Using unit will provide driver and vehicle for placement/recovery of road guard. Road guard will remain in place until Range Control has cleared the range.

h. Impact Area closed during operation: See Range Surface Danger Zone.

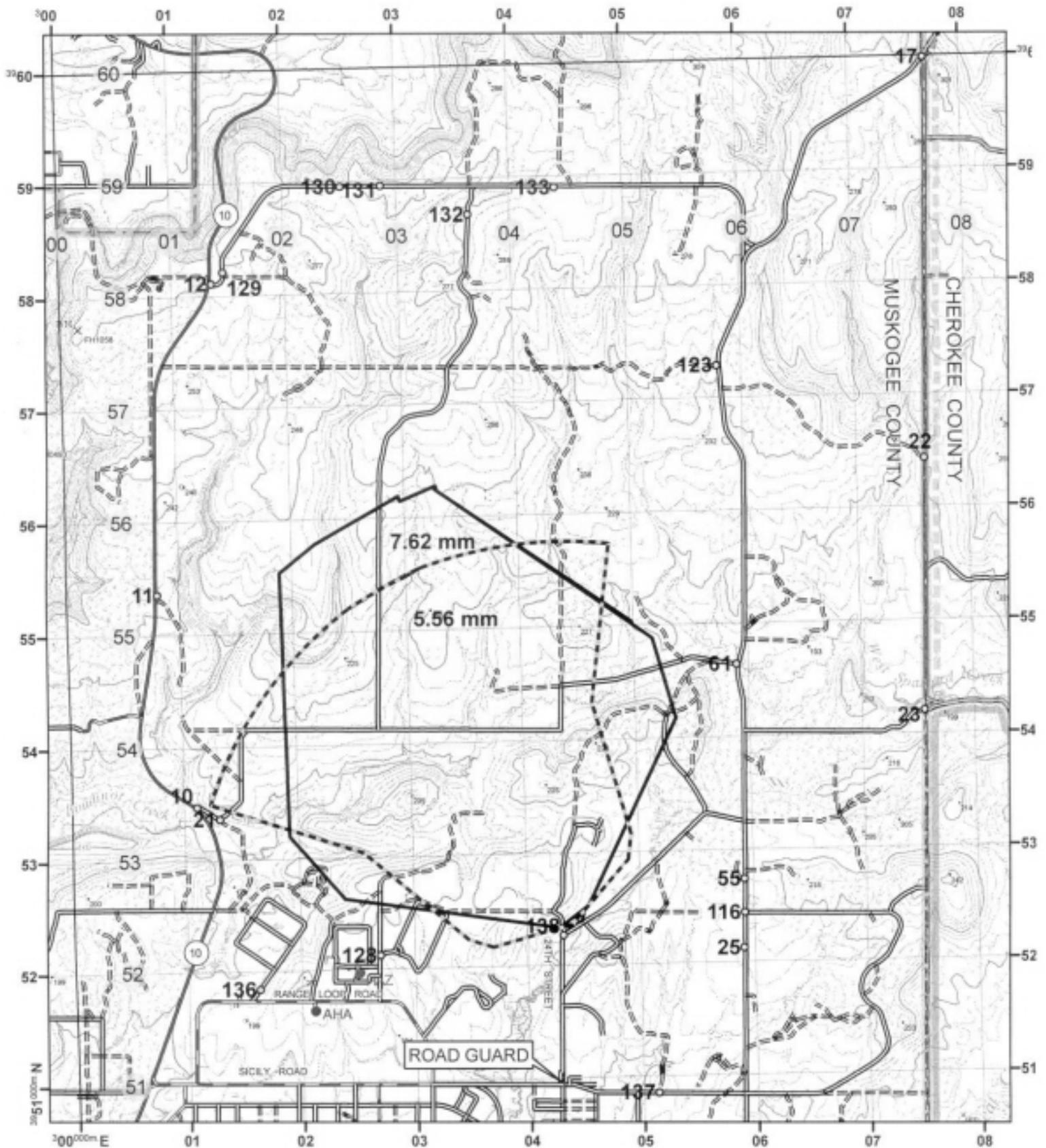
i. Range/s closed during firing: Breach Range, MK19, MRF-1, MRF-2, TOW Live Fire, Hand Grenade Familiarization, Zero-2, Sniper Field Fire, and UAC-Station 3 (Grenadier Trainer).

j. Barriers:

(1) Gates: 10, 11, 12, 17, 21, 22, 23, 25, 55, 60, 61.

(2) Cable Gates: 116, 123, 128, 129, 130, 131, 132, 133, 136, 137, and 138.

REACT TO CONVOY AMBUSH SDZ



0 375 750 1,500 2,250 3,000 Meters



R3400