

R2100. Safety precautions

Mortar FRTR Ranges 1 and 2

a. References:

- (1) FM 3-22.90.
- (2) FM 3-22.91.
- (3) AR 385-63.
- (4) DA Pam 385-63.
- (5) DA Pam 385-64.

- b. Location: FRTR 1 UV0365351086
FRTR 2 UV0553750906

c. **Description and Capacity:** This range is used to train mortar crews on the skills necessary to apply fire mission data, engage and hit stationary targets in a tactical array. Range consists of two FRTR Ranges with four firing points each and various targets ranging out to 3300 meters. Weapons/ammunition authorized to fire: M224 (60mm)/M769 (FRTR) and M252 (81mm)/M879 (FRTR) rounds.

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) NO HE AMMUNITION IS AUTHORIZED FOR USE ON THIS RANGE – ONLY FAR RANGE TARGET PRACTICE (FRTP). ONLY CHARGE 1 WILL BE FIRED WITH THE 81mm FRTR ROUND and CHARGE 1 and 2 WITH THE 60mm FRTR ROUND
THE MINIMUM DISTANCE THAT WILL BE FIRED WITH THE 60mm FRTR ROUND WITH CHARGE 2 IS 1525 METERS IN ORDER NOT TO EXCEED THE AIRSPACE MAX ORD REQUIREMENT
THERE ARE 2 NO FIRE AREAS THAT ENCLOSE TOW MOVING TARGETS AND BUILDINGS.REFERENCE SDZ MAP FOR GRID LOCATIONS
THESE AREAS HAVE A STRICT 300 meter DIAMETER AND WILL BE LISTED ON THE RANGE CARD AND VERIFIED WITH RANGE CONTROL BEFORE FIRING

- (3) There are 4 established Forward Observer areas

- (a) OP 1 vic. UV0579250938 200m NO FIRE AREA
- (b) OP 2 vic. UV0515050942 200m NO FIRE AREA
- (c) OP 3 vic. UV0718051791 500m NO FIRE AREA
- (d) OP 4 vic. UV0307653546 300m NO FIRE AREA

(4) Range flags will be flown from the Mortar FRTR Range flagpoles (gate entrance) and the main Range Loop Road flagpole

- (5) 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.

(6) OIC must be a minimum of E6 or above. Safety Officer must be minimum of E6 or above. Using unit may request waive to lower these requirements based on unit organizational structure.

f. Special Instructions:

(1) All personnel who take part in mortar firing will wear approved protective helmets (USMC personnel will also wear protective vests).

(2) All personnel within the hearing hazard zone (as defined by mortar/cartridge FM) will wear approved hearing protection. If no zone can be determined, all personnel within 200 meters of firing will wear approved hearing protection.

(3) Firing through obstructions is prohibited.

(4) Using units will be required to recover fired/expended rounds. Recovery operations will not take place unless a "Cold Status" is in effect and other range SDZs impacting the area are in a "Cold Status".

(5) All unit safety SOPs will be in effect while firing is conducted on this range.

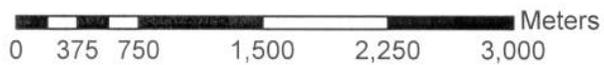
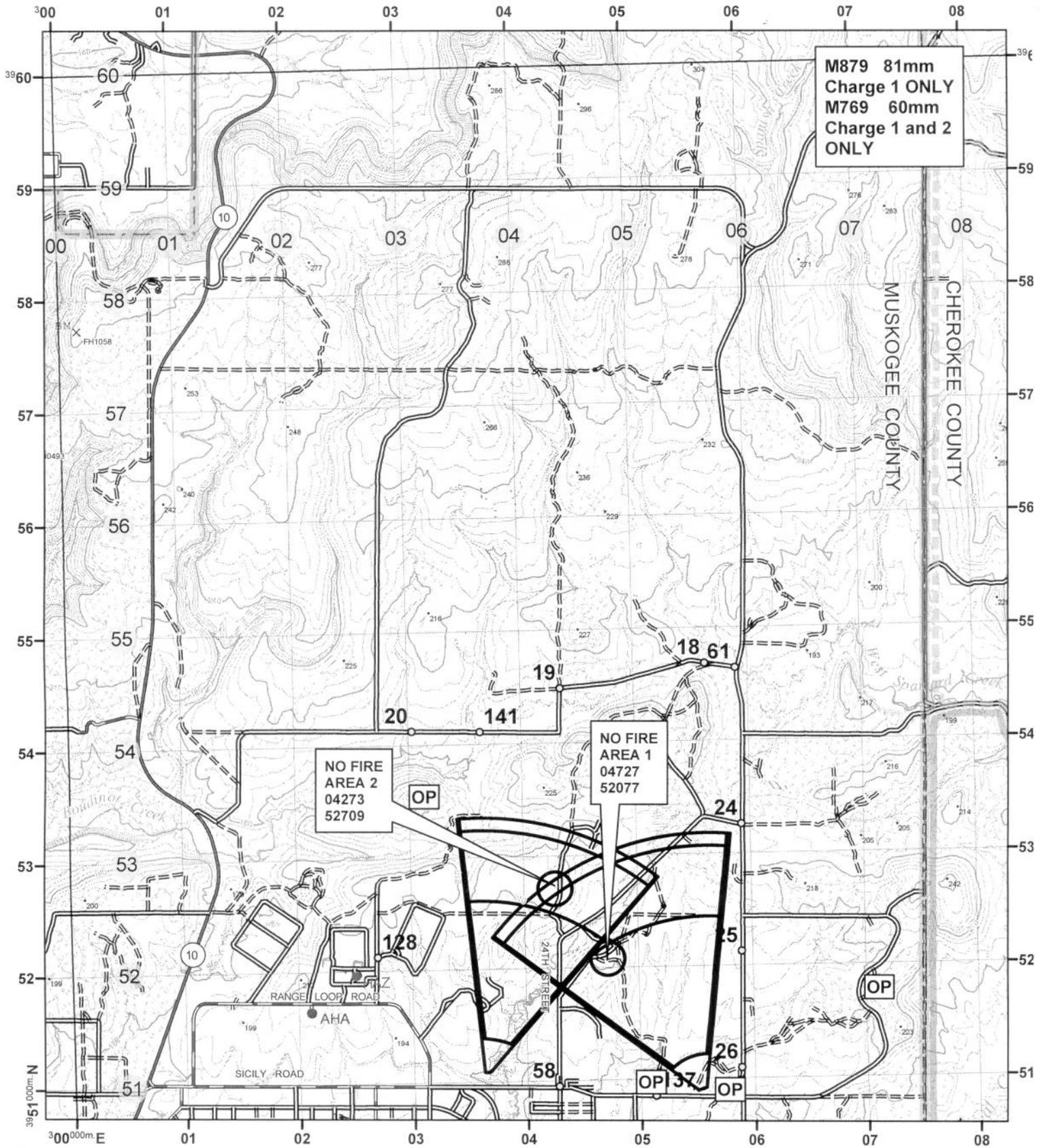
g. Road guard requirement: One, at UV0351851804 blocking entrance to the range. Road guards are required to maintain FM communication with the Range OIC. Road guards will be required to assist Range Control personnel in the placement/recovery of range firing warning signs and barricades. Using unit will provide driver and vehicle for placement/recovery of road guards. Road guards will remain in place until Range Control has cleared the range.

h. Impact Area closed during operation: See Range Safety Fan.

i. Ranges closed during operation: AT4, Convoy Ambush, HG Live Fire, Light Demo (Breach Range).

j. Barriers: gates 18,19, 20,24, 25, 26, 58, 61, 128, 137,141.

MORTAR FRTR RANGE SDZ



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