

R3000. Safety precautions
Heavy Demolition Range (Heavy Demo)

a. References:

- (1) FM 5-250.
- (2) AR 385-63.
- (3) DA Pam 385-63.
- (4) DA Pam 385-64.
- (5) Pertinent EOD publications.

b. Location: UV0638853230.

c. **Description and Capacity:** This range is used to train individual soldiers on the employment techniques of explosives and demolitions. Range consists of 1 open blast area. Two shelters are located at 175M and 250M from the blasting area. This range is restricted to a maximum charge of 250 lb of non-fragmenting material per surface shot, and 500 lb of non-fragmenting material per subsurface shot. Fragmenting material (claymores/cutting charges) is prohibited on this range.

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. Operations will not be initiated or will immediately cease when communications with Range Control is broken.

e. Safety precautions:

- (1) Camp Gruber Range Safety briefing and Range Packet.
- (2) A MAXIMUM OF 250 LBS OF NON-FRAGMENTING MATERIAL MAY BE SURFACE DETONATED AT A TIME ON THIS RANGE.
- (3) A MAXIMUM OF 500 LBS OF NON-FRAGMENTING MATERIAL MAY BE SUB-SURFACE DETONATED AT A TIME ON THIS RANGE.
- (4) Range flags will be flown from the Heavy Demo Range flagpole (range entrance) and the main Range Loop Road flagpole.
- (5) Only mission essential personnel will be allowed in the SDZ during firing.
- (6) Mixing of live and inert demolitions for training is prohibited.
- (7) 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. Both OIC and RSO must have commander's certification concerning demolition proficiency.

f. Special Instructions:

- (1) All personnel on the range and within the surface danger zone (SDZ), based on the maximum planned blast as listed on the demolition plan, will wear approved protective helmets, protective body armor, single hearing protection and proper eye protection. Helmets, ear and eye protection will also be worn while in the confines of the bunkers. Body armor may be removed while inside the ready bunker, but will be worn while inside the OIC/blasting bunker.
- (2) Range OIC (E7 or above), Safety Officer (E6 or above) and Assistant Range Safety Officers (E6 or above) must be demolition certified to perform their duties.
- (3) Range OIC must submit a demolition plan (IAW FM 5-250) and a risk assessment worksheet (IAW FM 100-14) addressing the range operation prior to the conduct of the event. Range Control will not permit the range to go 'hot' without a copy of these documents on file at Range Control (bldg. 740).
- (4) Personnel inside the OIC/Blast and Ready Bunkers must be at least 18" inside from the rear of each bunker.

g. Road guard requirement: One at UV06005320, east of Gate 24, blocking entry on the range. Road guard is required to maintain FM communication with the Range OIC. Road guard may be moved, based on total weight of individual shots. This will be coordinated during the review of the demolition plan at Range Control. 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: Breach Range, TOW Live Fire, Sniper Field Fire, and TOW MILES.

j. Barriers:

(1) Gate: 11, 12, 17, 22, 23, 24, 60, 63

(2) Cable Gates: 115, 118, and 119.

HEAVY DEMO RANGE SDZ

