

Fort Devens Range Complex

Facility 15



Military Operation Urban Terrain (MOUT)

Standard Operating Procedures

THIS PAGE IS HAS BEEN LEFT BLANK INTENTIONALLY

MEMORANDUM FOR PERSONNEL CONCERNED

SUBJECT: Standard Operating Procedures for Military Operations on Urban Terrain (MOUT), Facility 15

1. PURPOSE: To establish a Standard Operating Procedures (SOP) to be used during various aspects of urban warfare training on Facility 15, MOUT Course.

2. APPLICABILITY: This SOP applies to all units using the MOUT Course. All Officers in Charge (OIC), Non-Commission Officers in Charge (NCOIC) and Range Safety Officers (RSO) will be familiar with the contents of this SOP and all other applicable references.

3. REFERENCES:

- a. AR 385-63 and DA PAM 385-63, Range Safety.
- b. FD REG 350-3, Range Regulation.
- c. FM 3-23.30, Grenades and Pyrotechnic Signals.
- d. DA PAM 385-64 Ammunition and Explosives Standards
- e. FM 3-22.9, Rifle Marksmanship M16A1, M16A2/3, M16A4 and M4 Carbine.
- f. FM 3-06.11 Combined Arms Operations in Urban Terrain, February 2002.
- g. TC 90-1 Training for Urban Operations, 1 April 2002.
- h. TM 9-6920-3700-10 Close Combat Mission Capability Kit (CCMCK)

4. SCHEDULING: Each unit will schedule the MOUT Course through the Range Facility Management Support System (RFMSS) no later than 30 days in advance and prepare and submit the following documents to Range Operations, Attention Range Control Officer.

- a. DA Form 7566, Composite Risk Management Worksheet (Day of Training Event).
- b. OIC/RSO roster signed IAW DA Pam 385-63 Chapter 1-7 (NLT 30 days prior to training event)

c. Training guidelines: All training will be conducted in accordance with (IAW) this SOP, together with references listed in paragraph 3 and DA Form 7566 Composite Risk Management Worksheet approved by Range Operations, DPT. Units are responsible for developing and submitting a new range packet, if requested training deviates from the standard range packet that has been developed by Range Division.

5. ADMINISTRATIVE:

a. Units may be required to transfer funds to the Range Division account prior to or after using any of the training facilities located at the MOUT Site. Transfer of funds, prior to using the range will ensure that money is available to facilitate the restoring/repairing of facilities to their original condition after training has been completed. See item 11(d.) for breaching doors.

b. Using units are responsible for daily cleaning and removal of all trash and debris from the entire site to include each building prior to departing the range.

c. There is no portable water source available at the MOUT Site and one portable latrine is available.

e. All fires will be immediately reported to Range Control IAW FD REG 350-2.

6. GENERAL: Military Operations on Urban Terrain (MOUT) Course.

a. MOUT consists of ten buildings:

(1) Single Unit Urban Training Environment (2 Each)

(2) Single Unit Urban Training Environment with Roof Access (2 Each)

(3) Double Unit Urban Training Environment (2 Each)

(4) Double Unit Urban Training Environment with Balcony (3 Each)

(5) Multi Story H Shaped, Urban Training Environment with Balcony and Roof access (1 Each)

7. CRITICAL REQUIREMENTS: The OIC/NCOIC will maintain positive control of all personnel at all times. This includes FM communications as necessary. All visiting persons and civilian personnel will also be directly controlled by the OIC/NCOIC. Prior to training, all personnel will be given a range orientation/safety briefing, to include medical procedures, loading and clearing weapons, misfire procedures, emergency cease fire signals, etc. The OIC/RSO will ensure only approved weapons and ammunition be allowed on the range. All refuse generated, pallets, ammo boxes, food packaging, solvents etc., will be removed from the range and disposed of IAW FD REG 350-3. All

using units are responsible for damages to any structure, fixture or equipment that is part of the range and will repair or replace at their expense. Any damage or malfunction must be reported in writing to the Range Control Officer. Approved hearing protection will be worn. Meals will only be eaten at the approved area and cleaned up after use. A detailed briefing will be given by the OIC/NCOIC/RSO to all personnel prior to training in any individual training site.

8. **MEDICAL:** Medical personnel and equipment on site will be IAW unit POI and risk management worksheet risk level for the training conducted. MEDVAC will be IAW FD Regulation 350-3. If medical evacuation is required, Range Control will coordinate an ambulance to arrive at the gate on Route 70. The unit will be responsible to post two soldiers on Route 70 to act as guides for the ambulance crew. The unit will complete DA Form 285 and turn in a copy to Range Control prior to clearing the facility and send a copy to the installation Safety Officer IAW DA Pamphlet 385-40.

9. **COMMUNICATIONS:** The OIC/NCOIC will be issued a hand held radio and required to maintain communication with range control. A radio check is required hourly.

10. **VEHICLE CONTROL:** The unit is responsible for the safe operation of all vehicles in and around the MOUT Site to include speeding and wreckless driving. No tracked Vehicles are authorized on the range. POV's are NOT authorized on the MOUT Site at any time. Exceptions must be in writing prior to training event.

11. AMMUNITION AND SAFETY EQUIPMENT

(1) Pyrotechnics, demolition effects simulators (DES) and any smoke producing items are not allowed to be used in any building.

(2) Only blank ammo, CCMCK, and UTM are authorized for use on the facility. SRTA, Paint Ball and or equivalent are prohibited for use on the facility. The use of UTM or CCMCK munitions will require a cleanup/ recovery plan. When conducting force on force training with either UTM or the CCMCK system the minimum engagement distance is 5 meters, there shall be no head shots and no exposed skin. The use of proper/approved PPE is mandatory when training force on force with any Man-Marking Systems. When training is being conducted with Man-Marking Systems, the minimum required PPE to be used is:

- CCMCK Lower Face and Throat Protection NSN 8415-99-359-9160
- Groin Protection Various such as NSN 8470-01-465-1100
- PASGT (Personnel Armor System for Ground Troops)- Helmet Varies such as NSN 8470-01-092-7528
- ACH (Advanced Combat Helmet) Various, such as NSN 8470-01-476-2524
- ACU (Army Combat Uniform), with sleeves rolled down Various, such as NSN 8415-01-519-8510/8415-01-519-8426
- Standard Gloves Various, such as 8415-01-518-5140
- SWD (Standard Ballistic, Sand, Wind, Dust) Goggles NSN 4240-01-540-5580

- Single Hearing Protection, such as 6515-00-137-6345

(3) Use of flash-bang and grenade simulators is restricted to standard DODAC issue training munitions and must be approved by the Range Control Officer.

(4) Rappelling is not authorized on this facility because there are no safety approved anchor points.

12. OTHER INSTRUCTIONS.

a. During training events without CCMCK and UTM munitions all Soldiers will wear all required protective equipment required by unit SOP, regulation, or policy letters.

b. Accountability of Class V will be the responsibility of the OIC. Upon clearing the OIC will report to range control the type and quantity of ammunition, simulators, and pyrotechnics expended to include number of personnel trained.

c. Report any damage to any structures, equipment, targets, etc. to range support personnel.

d. Breaching doors must be approved by the Range Officer and the transfer funds to the Range Division account prior to using the training facilities. Transfer of funds for breaching doors, prior to using the range will ensure that money is available to facilitate the restoring/repairing of facilities to their original condition after training has been completed.

13. Point of contact this Standard Operating Procedure is the Range Staff. All recommended changes will be submitted in writing to the range officer for review and implementation.

Keith M. Jackson
Range Officer

Enclosures

MOUT Pre-inspection Sheet

MOUT Clearance Checklist

Military Operations on Urban Terrain (MOUT) – Facility 15

(Pre-inspection Sheet)

UNIT: _____ DATE: _____

TELEPHONE NO: (____)_____.

DIAGRAM OR OTHER NOTES MAY BE INCLUDED WITH THIS FORM

Following codes are used to identify deficiencies:

AR <i>Ammo Residue</i>	BM <i>Barrier Material</i>
T <i>Trash</i>	ST <i>Stains</i>
SW <i>Sweeping</i>	IN <i>Interior</i>
EX <i>Exterior</i>	P <i>Props</i>

Following codes are used to identify maintenance shortfalls:

SD <i>Structure Damage</i>	BD <i>Broken Door/Frame</i>
OD <i>Other deficiencies</i>	ABR <i>Any block repairs</i>

NOTE: *Any damage to real property, OIC must respond in writing to the Range Control Officer, within 24 hours of incident.*

Station	SAT	UNSAT	DEFICIENCIES
1			
2			
3			
4			
5			

BLDG #	SAT	UNSAT	DEFICIENCIES
Perimeter			

ROIC/RSO:

NAME/RANK

SIGNATURE

Range Control:

NAME/RANK

SIGNATURE

Clearance Checklist

_____ All buildings cleared of the following: Wire, trash, wood, ammunition residue, canisters, MRE boxes, etc.

_____ Gravel / sand floors and areas in and around buildings raked and thoroughly policed.

_____ Discoloration caused by smoke or simulators will be washed and repainted if needed.

_____ Damaged doors repaired within unit's capability or identified.

_____ Wood line and outside areas will be policed 100 meters around the complex free of trash, ammunition residue, canisters, wire, pickets, fox holes filled in, etc.

_____ All trash and garbage must be brought back to the cantonment area by the user for disposal.

_____ Paved areas swept and cleaned of any spots, i.e. smoke, oil, and paint etc.

_____ All sand bags neatly stacked in one location, inside or outside the building

_____ All buildings swept out and free of mud, dirt, trash, brass or anything else.

_____ Drains and window frames will be free of any trash, brass, dirt and any items that are not permanently attached. All doors and roof entry points closed.

_____ Communication wire, barbed and/or concertina wire and pickets removed.

_____ Any and all damage exceeding unit capability is documented.

Inspector: _____ **Date:** _____

Unit & POC: _____ **Phone:** _____