

Fort Devens Range Complex

Facility 12



Urban Assault Course (UAC)

Standard Operating Procedures

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MEMORANDUM FOR PERSONNEL CONCERNED

SUBJECT: Standard Operating Procedures for Urban Assault Course (UAC), Facility 12

1. PURPOSE: To establish a Standard Operating Procedures (SOP) to be used during various aspects of urban warfare training on Facility 12, UAC.

2. APPLICABILITY: This SOP applies to all units using the UAC. 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, Training.
- 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. TC 21-24 Rappelling, June 2008
- I. TM 9-6920-3700-10 Close Combat Mission Capability Kit (CCMCK)

4. SCHEDULING: Each unit will schedule the UAC 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. Using units must coordinate with Range Control for all instrumented support required for UAC on Facility 12. The completed support packet must be submitted at least 14 days prior to training to ensure support is feasible and available. This support packet must include the scenario, sketches, targetry, and any specific enclosures as required.

d. 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 UAC. 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.

b. Using units are responsible for daily cleaning and removal of all trash and debris from all ammo points and range support facilities prior to departing the range.

c. A red range flag will be provided by Range Control personnel. The range flag will be displayed on the pole at the entrance prior to training and must be returned to Range Control personnel prior to departing the range. During the hours of limited visibility and or dark a red flash light will also be used.

d. There is no portable water source available at the UAC and one portable latrine is available.

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

6. GENERAL: Urban Assault Course (UAC).

a. UAC consists of four stations:

- (1) Individual and team/Task Technique Trainer
- (2) Squad and Platoon Task/Technique Trainer
- (3) Grenadier Gunnery Trainer
- (4) Offense/Defense Building, Task/Technique Trainer

7. **CRITICAL REQUIREMENTS:** A specific operation scenario package will be prepared by the unit for each site and approved by the Range Control Officer. All supporting documents, i.e., regulations, field manuals, TMs, etc. with an approved scenario package and a completed DA Form 7566 will be on site. OIC/NCOIC will maintain positive control of all personnel when engaging simultaneous training sites. All visiting persons and civilian personnel will also be directly controlled by the OIC/NCOIC. Prior to training, all personnel will be given range orientation/safety briefing, to include location of dud areas, medical procedures, loading and clearing weapons, misfire procedures, emergency cease fire signals, etc. Only weapons and ammunition listed on the approved scenario package will be allowed on the range. Prior to and after training, an ammo/weapons check will be made to ensure no individual or training site has any unauthorized ammo/weapons. Prior to vacating the range, the using unit will ensure the range is properly cleaned. All refuse generated, pallets, ammo boxes, food packaging, solvents etc., will be removed from the range and disposed of IAW FD REG 350-2. 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. This briefing will include the scenario package, composite risk management worksheet and detailed safety briefing for each 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 350-2. If medical evacuation is required, Range Control will call for an ambulance. If possible, the unit requiring an ambulance will have an escort vehicle at Range Control to meet the ambulance. If an escort is not possible, a guide will meet the ambulance on the nearest main road closest to the accident site. 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 facility safety gate will be closed when the range is in a hot status. No tracked Vehicles are authorized on the range. Military vehicle parking is located at the rear of the range. No vehicles are to be parked on grass or down range at any time without approval from Range Control. Range Control. All VIP parking areas are located at the operations building. No vehicles are allowed on the hill by the Offense/Defense (Station 4) building. Only ammunition trucks will be parked near ammo points.

11. **AMMO POINTS:** The unit will establish two ammunition break down/issue/turn in points; one for blank ammo and a separate ammo point for live ammo. These points will be no closer than 200 meters from each other. At no time will live and blank ammunition

be mixed. Live ammunition will only be used at the grenadier Gunnery Trainer. No open flames will be allowed within 50 feet of each ammunition point. Two fire extinguishers will be available at all times at each ammunition point. Ammunition Non-Commissioned Officers (NCO) will control issue of live and blank ammunition and monitor at all times. All weapons will be cleared using a one piece brass rod. Ammunition will be issued and turned in to the Ammunition NCO. Units will use two separate shakedown boxes; one for blank brass and one for live rounds. When using Special Effects Small Arms Marking Munitions (SESAMS), units will need to establish a third ammo point to ensure it does not become mixed with blank or service ammunition. This will also be no closer than 200 meters from the each other ammunition break down/issue/turn in points

12. No eating or sleeping in any structure is authorized. Tents can be erected in the grass area by the back access road and red gate.

13. URBAN ASSAULT COURSE (UAC)

a. Station #1 Individual/Team Task Trainer, Station #2, Squad/Platoon Task Trainer, and Station #3 Grenadier Gunnery Lane.

(1) No pyrotechnic/demolition allowed in buildings to include any smoke producing items.

(2) No live ammo will be used except for 5.56mm ball and M203 Training Practice (TP) at the grenadier gunnery lane. Tracers are not authorized.

(3) Weapons will not be loaded until arrival at the grenadier gunnery trainer baseline.

(4) Training will be in accordance with approved scenario.

(5) The use of SESAMS, CCMCK or wax munitions will require a cleanup/recovery plan. When conducting force on force training with either Non-Standard Man-Marking Systems (Commercially Provided Version of CCMCK) 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 or 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

(7) A deliberate weapon and ammo check will be made before training with SESAMS to ensure no unauthorized weapons/ammo is on site. Weapons will be loaded only after proceeding to buildings and after being directed to do so and cleared prior to leaving.

(8) Unit will clear any debris from the stations after training.

b. Urban Offense/Defense Trainer (Station # 4):

(1) Only blank ammo is authorized for the Offense/Defense Trainer. SESAMS CCMCK or wax munitions will be allowed on a case by case basis, when approved by the Range Control Officer. The use of proper/approved body armor full face protection is mandatory when training force on force with SESAMS.

(2) A weapon and ammo check will be made before training with SESAMS to ensure no authorized weapons/ammo is on site.

(3) SRTA is prohibited for use on the UAC regardless of the station.

(4) Use of pyrotechnics will be reviewed by the Range Control with approval on a case by case basis. Smoke will not be used inside of any building, tunnel, or enclosed area for safety. No demolitions or demolition effects simulators (DES) will be allowed.

(5) Use of flash-bang is restricted to standard DODAC issue training munitions and must be approved in the scenario.

(6) Blanks and simulators/ SESAMS: The OIC/NCOIC will do a weapons shakedown prior to use to ensure that no unauthorized weapon or ammo is in possession of personnel or present in building.

(7) When using multiple clearing teams maintain positive control of military personnel as well as any other authorized persons.

(8) Rappelling is authorized on Station 3. A Rappel Master is mandatory when rappelling from structure. No rappelling from gabled roof safety rail. It is not an anchor point.

14. OTHER INSTRUCTIONS.

a. During training, all Soldiers will wear a minimum of protective equipment consisting of Kevlar helmet, hearing protection and body armor. Additional equipment required by unit SOP and or regulation will be used.

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 expended to include number of personnel trained.

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

Enclosures

UAC Pre-inspection Sheet

UAC Clearance Checklist

15. Point of contact for 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

Urban Assault Course – Facility 12
(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:

BS <i>Broken Window Shutter</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
Operations / Storage Building			
Latrines			
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.

_____ All sewer covers replaced/covered.

_____ Damaged doors or window shutters 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 windows will be free of any trash, brass, dirt and any items that are not permanently attached. All doors, windows 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:** _____