

CAMP GRAYLING
JOINT MANEUVER TRAINING CENTER
MICHIGAN ARMY NATIONAL GUARD
BUILDING 545
CAMP GRAYLING MI 49739

COMBINED ARMS COLLECTIVE TRAINING FACILITY (CACTF)

Standard Operating Procedures

1 Apr 2014

The Combined Arms Collective Training Facility SOP

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MEMORANDUM FOR Officer in Charge (OIC) and Range Safety Officer (RSO)

SUBJECT: 30 Complex, Combined Arms Collective Training Facility (CACTF)
Standard Operating Procedures (SOP)

1. Purpose

To provide guidance for the safe and effective conduct of training at the 30 Complex, Combined Arms Collective Training Facility, Camp Grayling Michigan.

2. References

- a. FM 3-06.20 Multi-Service Tactics, Techniques and Procedures for Cordon and Search Operations, 25 April 2006
- b. CG Regulation 350-10, Range Regulation, 19 November 06
- c. FM 5-19 Composite Risk Management, 21 August 2006
- d. FM 3-22.9 (FM 23-9) M16A1, M16A2/A3, M16A4 and M4 Carbine Rifle Marksmanship, April 2003
- e. FM 3-23.35 (FM 23-35) Combat Training With Pistols, M9 and M11, 18 April 2007
- f. TC 90-1 Training for Urban Operations, 1 April 2001
- g. FM 3-06-11 Combined Arms Operations in Urban Terrain, 28 February 2002
- h. FM 3-23.30 Grenades and Pyrotechnic Signals, 12 January 2006
- i. FM 3-50 Smoke Operations, 25 July 1984
- j. TC 21-24 Rappelling, January 2008
- k. TM 9-6920-3700-10 Close Combat Mission Capability Kit (CCMCK), 13 March 2009

3. Description

a. The Combined Arms Collective Training Facility (CACTF) is the largest urban operations training facility at Camp Grayling. It consists of 28 buildings with 16 fully video/audio capable, a cemetery with mausoleum and an underground trainer (tunnel system).

b. The CACTF is designed to conduct multi-echelon, full spectrum operations training up to battalion/task force (TF) level. The CACTF provides a training area in which units may learn the individual and collective skills needed to fight and defeat an enemy in an urban environment. The CACTF will accommodate Force on Force (FOF) and Force on Target (FOT) operations. Training events can be captured on video for use in the AAR. The AAR facility allows the leader or commander to view actions in the CACTF and evaluate the unit on urban operations training proficiency. The CACTF AAR Facility links video playback and editing equipment to the cameras in the CACTF. This allows units to conduct AARs in a classroom environment while viewing the units' actions that were recorded in the exercise. The CACTF supports blank fire, MILES and Close Combat Marking Capabilities Kit (CCMCK) exercises. The CACTF facilities may also be utilized to conduct Law Enforcement, Civil Disturbance, Emergency Response and other related training and operations.

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4. Scope

This SOP applies to all Active, Reserve, National Guard and other agencies that utilize the Combined Arms Collective Training Facility in any capacity.

5. Certification

Battalion Commanders or higher, civilian equivalent will appoint and certify, in writing (Range Certification Memo), that the Officer-in-Charge and Range Safety Officer are competent in Hazardous Training being conducted at the CACTF. Examples are (but not limited to) rappelling, pyrotechnics and CCMCK.

6. Weapons Authorized

Training at the CACTF may be conducted with all unit/organizations organic weapon systems.

7. Ammunition Authorized

- Blank ammunition for all weapons authorized at the CACTF
- CCMCK ammunition for all weapons authorized
- Demolition munitions for breaching (non-standard request needed)
- G811 Body Practice Hand Grenade M69
- G878 Fuze for Practice Hand Grenade M69
- G940 Smoke Grenade (Green)
- G945 Smoke Grenade (Yellow)
- G955 Smoke Grenade (Violet)
- L600 Simulator, Booby Trap M119 Whistling
- G810 Body Practice Hand Grenade M30
- G870 Fuse for Practice Hand Grenade M30
- L307 Signal Star Cluster
- L594 Artillery Simulator

a. All units will adhere to instructions and safety requirements for ammunition stated in Michigan National Guard Joint Force Regulation 725-1 Class V Ammunition Supply Management and related FMs.

b. Unit Commanders of training units have overall responsibility to ensure all their Soldiers are briefed on all safety requirements concerning ammunition before arrival on the training site.

c. Units with the appropriate conversion kits and safety equipment can use CCMCK provided that the unit follows all safety requirements and applicable FMs and TMs.

d. Fire Extinguisher must be available for use if any pyrotechnics are being used.

e. There are specific restrictions with the employment of pyrotechnic devices inside the CACTF Buildings. Units must get prior approval of employment locations from Range Control or Full Time Staff prior to the start of training.

f. **Artillery/Grenade Simulators or smoke grenades will not be utilized inside of buildings.** Units must get prior approval of employment locations from Range Control or Full Time Staff.

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- g. No blanks or pyrotechnics will be utilized in or around underground trainer.
- h. All other ammunition must be approved by Range Control (GG09 Flash Bang).

8. Bivouac

Units are authorized to bivouac in NTA 6 near the CACTF. Units may put tents in surrounding area with prior approval from Range Control. No stakes of any type or digging is authorized without prior approval from Range Control.

9. Medical Requirements

- a. Dedicated evacuation vehicle and litter must be present at the site during training.
- b. Training units/organizations must have at least CLS/Medic/EMT on site with CLS/AIDE bag at all times.
- c. Unit requests MEDEVAC through Range Control.
- d. All injuries, regardless of severity, will be reported to Range Control via 800 mhz radio. Landline backup number: 989-344-6168.
- e. See below table for specific medical personnel required for training events.

	CLS	CLS+CPR	MEDIC	MEDIC + FLA/AMBULANCE
STX/FTX	X			
DEMOLITIONS	X			
LFX	X			
NBC	X			
RAPPELLING TOWER	X			
LAND NAV	X			
ROAD MARCH	X			
GRENADES	X		X	
FAST ROPE RAPPELLING	X		X	
LIVE FIRE MANUEVER	X			X
LIVE FIRE SHOOTHOUSE	X			X

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10. Scheduling

Unit Training Plan with Composite Risk Management Worksheet must be submitted NLT 90 days prior to the execution of the training event. Contractor support for the video/audio instrumentation must be coordinated directly with the Full Time Staff and 30 Complex **NLT 14 days prior to the event**. Failure to coordinate support may result in no automation/instrumentation for training events.

11. Contractor Support

a. CACTF is scheduled and controlled in the same manner as all other ranges. The automation/instrumentation equipment is operated and maintained through an Army Contract with a Full Time Staff. The Full Time Staff operates and maintains the video recording equipment, audio sound effects and provides resources to record the formal exercise AARs. If requested, video take home packages on DVDs will be provided.

b. To optimize the automation support and meet the Commanders training goals, units must schedule coordination meetings with the Full Time Staff so video and audio equipment can be located at the key locations in the CACTF buildings to capture training events per the Commanders intent. Proper planning will facilitate the capture of critical doorways, stairways, outside entrance ways and audio injects to optimize the units training objectives and provide the best AAR feedback.

c. **NLT 14 days prior to the exercise**, units must contact and schedule a coordination meeting with the Full Time Staff. The staff is located in Bldg R3201R phone numbers are 989-344-4293, 4294.

12. Equipment Requirements

Item	Issuing Facility
<u>CACTF SOP</u>	<u>Range Control</u>
<u>Targets</u>	<u>On Site</u>
<u>Limited Cleaning Equipment</u>	<u>On Site</u>
<u>PPE</u>	<u>Using Unit</u>
<u>All appropriate FM's and TM's for training being conducted</u>	<u>Using Unit</u>
<u>TC 21-24, January 2008 (if rappelling)</u>	<u>Using Unit</u>
<u>Dedicated Evacuation Vehicle and Litter</u>	<u>Using Unit</u>
<u>Hearing Protection</u>	<u>Using Unit</u>
<u>Rappelling Equipment</u>	<u>Using Unit</u>
<u>Fire Extinguisher</u>	<u>Using Unit</u>

13. Personnel Requirements

a. Range Officer in Charge (OIC) must meet the requirements of training being conducted and certified in writing by the Battalion Commander.

b. Range Safety Officer (RSO) must meet the requirements of training being conducted and certified in writing by the Battalion Commander. The RSO will have no other duties than safety and be in a position to best control/observe the training elements.

c. Ammunition Supply Point Personnel as appropriate.

d. Assigned Certified Medic/EMT/CLS.

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- e. Assigned Radio Operator (RTO).
- f. TRADOC certified Rappel Master is required if conducting rappelling operations (this needs to be annotated on the Command Safety Certification).
- g. Observer and Controllers as needed based on unit training plan.

14. Communications

- a. Primary means of communication with Range Control will be 800 mhz radio. Radios must be monitored at all times.
- b. Land line is located in AAR/ROC Building 3201R.
- c. Range Control Phone #'s: 989-344-6168/6307 (FM FREQ 46.90)
- d. Communications must be established between the maneuver element the OIC, the RSO, the OC's and the range RTO. This frequency should be different from the maneuver element frequency and the range safety net. The purpose for this communication platform is to ensure C2 between all safety personnel and to provide situation updates to Range Control in the most expeditious manner.

15. Unit Composition

Depending upon the training objectives, the CACTF can support up to Battalion size elements.

16. Targetry

- a. In addition to Force on Force training, the CACTF can be equipped with Human Type Targets (HTTs) and Stationery Infantry Targets (SITs). HTTs and SITs are plastic 3-D targets designed specifically for CCMCK and MILES.
- b. To utilize HTTs, SITs and shoot back capabilities with MILES units must request and draw MILES gear from TSC. In addition, coordination plans must be made with Full Time Staff prior to unit operations in the CACTF for hook up and placement of all targetry and simulators.
- c. Units will not disconnect or move any instrumentation; only CACTF Contractors are authorized to relocate instrumentation. Units may bring in additional targets with Range Controls or Full Time staff prior approval.

Warning

Human Type Targets (HTTs) have a mechanism that triggers them to fall when they are engaged. The falling of the target may potentially create a trip hazard.

17. Battle Effects

- a. Sounds, smoke/fog and smells may be utilized with prior coordination with Full Time Staff.
- b. Battle effects can be motion triggered.

18. Breaching

- a. Mechanical breaching with a sledge hammer, ram and/or hooligan tool is authorized.

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b. Explosive breaching is considered Non-Standard Training and must be coordinated through Camp Grayling range officer. C4 and det cord are the only authorized charges.

c. Break away doors with a dowel rod break away system are available. There are doors designated for explosive breaching.

d. Units may temporarily replace existing doors with unit provided pre-fabricated materials intended for destruction. Units must coordinate with Range Control and Full Time Staff prior to making any changes to any CACTF facility.

e. Units will repair damage incurred from breaching with their pre-fabricated doors, negligence, or unnecessary abuse of facility or equipment. Unit will leave facility in original condition.

f. Unit Commander's assume full accountability and responsibility for equipment, buildings and real property. Commanders will be held accountable to Camp Grayling due to improper care and abuse.

19. General Instructions

a. OIC, RSO and instructors must conduct a range **walk through** with a Range Control representative and CACTF Full Time Staff prior to execution of the range. The purpose of the walk through is to ensure users fully understand the capabilities and restrictions of the range. It is recommended that this is done early in the planning process so planners fully understand capabilities and procedures of the range.

b. Full Time Staff will help with technical aspects of running the CACTF and conducting AAR's. Full Time Staff are facilitators not trainers. Units are responsible for their own training and cleanup of facility after use.

c. **Full Time Staff have authority to call a cease fire or halt training due to negligence of the using unit/organization or Soldier at any time.**

d. CACTF will not be used as sleeping, holding, staging or storage area.

e. No eating, drinking or tobacco use is authorized inside buildings.

f. Non-exercise related pedestrian and vehicle traffic around range area will be minimized during training.

g. No alteration to CACTF configuration is allowed. No additional holes or shelters may be built by using unit unless approved by Range Control. No installed equipment shall be removed or moved without prior approval from Range Control or Full Time Staff.

h. A copy of the composite risk management worksheet must be available on site and on file with Range Control.

i. Range Maintenance and warehouse BLDG #, A-10 and A-19 are off limits for all units.

j. Vehicles placed throughout the CACTF are there to add to the realism of the training. Vehicles will not be moved or tampered with in any way.

20. Air Assault and Rappelling Operations

Areas may be utilized with prior coordination with Range Control. Rappelling is authorized at designated rappel points at the CACTF. There are hook-up points for rappelling at the CACTF. Rappelling and Fast Roping from helicopters is authorized

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with prior coordination with Range Control. A TRADOC Certified Rappel Master needs to be on site for all rappelling and fast rope operations. Fast rope operations will be conducted at 16TFQ 8667652994.

21. Safety

- a. Safety procedures for units using the CACTF facility are designed to allow for a safe but realistic training environment. The Range OIC/RSO will give a safety orientation to the unit and a brief explanation of the purpose of the exercise. OIC's are responsible for knowing, understanding and completing all unit and MIARNG safety requirements prior to starting training IAW CG 385-1.
- b. Personnel will wear required PPE (See Appendix B).
- c. All trainees will be briefed on UXO procedures.
- d. All range cadre will conduct a walk through with Range Control Full Time Staff prior to the start of training. This will give the individuals a basic layout of buildings to help prevent injury during movements.
- e. Personnel will not enter any buildings, rooms and manhole covers marked Off Limits or Authorized Personnel Only.
- f. If there is excessive water in underground trainer, no personnel will be allowed to enter trainer.
- g. CACTF Tunnel Safety and air quality - At no time will any form of Pyrotechnics, Smoke or any other form of fire or smoke producing simulation be used in the CACTF tunnel systems unless directed for use by Range Control OIC or CACTF Range Personnel. OIC/RSO must recognize the CACTF Tunnel has a limited means of egress, which is subject to the accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere. OIC or RSO, with CACTF contractor staff, must make a physical check of the tunnel system before use to ensure it is clear of dangerous debris, obstacles, wildlife and meets air quality standards.
- h. All will follow the safe prescribed separation rule when firing blanks and CCMCK.
- i. During lights out/night time operations, Soldiers must avoid eye contact with the camera boxes. Camera box illuminators may cause eye damage if Soldiers look directly into the camera for prolonged periods during low light filming.

22. Limitations

- a. **No live fire** may be conducted at the CACTF.
- b. Do not use materials that will permanently mark CACTF walls, use washable material such as chalk to mark cleared areas. All markings will need to be removed prior to clearing of CACTF.
- c. No vehicle movement off designated roads and tank trails is authorized. Vehicles will not be allowed on grass.

23. Clearing Procedures

Units training at CACTF have the inherent responsibility for ensuring the facility is policed and returned to its original sterile condition upon completion of training. The OIC will ensure the range, facilities and the surrounding area used have been inspected and all expended brass, litter, debris, refuse, etc., has been removed from

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the site. If simunitions were utilized ensure all markings have been removed from all surfaces. All doors and furniture with doors/drawers will be opened by unit prior to clearing. After unit has been cleared the **unit** will close all doors/drawers. The CACTF needs to be cleared during daylight hours. Clearing of the CACTF needs to be scheduled with Range Control at least 24 hours in advance due to the size of the facility.

24. AAR Building

a. The AAR Building # R3201R is available if proper coordination is made with the Full Time Staff per Para. 10 of this SOP. This facility allows Commanders to conduct unit AARs with their Soldiers immediately following an event in the CACTF. A video Take Home Package, DVD, can be produced with the actions of the unit in the CACTF and video of the AAR facilitator and audience.

b. The AAR Facility can seat up to 50 personnel in one seating or can be split into two AAR facilities hosting 25 personnel each. Video capability is available on both sides.

c. Units are restricted only to the AAR room. The rest of the Building is off limits. Commanders and Staff may enter the AAR building through the front entrance to coordinate with the Range Staff. All other unit personnel will use the AAR entrance on the West side of building. Units are responsible for cleanup of AAR rooms, latrines and police call of area at the conclusion of their AAR sessions.

d. Smoking/Chewing is permitted only in the designated areas outdoors.

e. A phone line is available in the Building for emergencies only. Coordinate with Full Time Staff for use.

f. No weapons are authorized inside the building. Stack weapons in designated unit equipment areas.

g. A mess pavilion # A-3 with electrical hookups is available for unit dining operations. Units are responsible for use and clean up of all buildings and surrounding areas after use and prior to clearing by the Range 30 personnel. There is no trash point on the CACTF facility. All trash must be removed from the premises.

h. Establishment of TOCs and communication platforms inside the AAR compound (fenced in area) are prohibited due to underground fiber optics, electrical lines and sewer/water lines.

25. The Proponent of this (SOP) is the Directorate of Plans, Training, Mobilization, and Security. Users are invited to send comments to Range Control Bldg 545 Camp Grayling, MI 49739.

Appendix A

CACTF Safety Points

A-1. Safety

a. Safety procedures for units using the CACTF facility are designed to allow for a safe but realistic training environment. The OIC will give a safety orientation to the unit and a brief explanation of the purpose of the exercise. OIC's are responsible for knowing, understanding and completing all unit and MIARNG safety requirements prior to starting training IAW CG 385-1.

b. Some buildings have mouse holes (holes in floor) and trap doors. Be aware these holes may be uncovered.

c. No physical contact will take place between the offensive and defensive units.

d. Furniture will not be removed from the buildings, thrown out window, dropped through mouse holes or placed in a manner where it will fall or swing. Furniture that is broken or damaged will be reported.

e. Weapons will not be fired unless an authorized blank adapter is attached to the weapon or if using CCMCK and all the required safety equipment is utilized. All will follow the safe prescribed separation rule when firing blanks and CCMCK.

f. No fires are allowed.

g. Vehicles placed in the facility will not be moved without the permission of Range Control.

h. Rappelling and grappling hook operations are authorized with prior approval of Range Control.

i. All ladders and climbing devices will be capable of supporting the weight of a fully loaded Soldier. Personnel using these devices will ensure that they are supported/secured before climbing.

j. Booby traps will be placed below waist level.

k. All tracked and wheeled vehicles are restricted to the road network ONLY and can only turn on cement pads.

l. All off-road driving must first be pre-approved through Range Control.

m. There are grates at the top of ladders throughout the buildings. It is suggested that all Soldiers will wear PPE to prevent injury.

n. No climbing on roofs.

o. During lights out/night time operations, Soldiers must avoid eye contact with the camera boxes. Camera box illuminators may cause eye damage if Soldiers look directly into the camera for prolonged periods during low light filming.

p. CACTF Tunnel Safety and air quality - At no time will any form of Pyrotechnics, Smoke or any other form of fire or smoke producing simulation be used in the CACTF tunnel systems unless directed for use by Range Control OIC or CACTF Range Personnel. OIC/RSO must recognize the CACTF Tunnel has a limited means of egress, which is subject to the accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere. OIC or RSO, with CACTF contractor staff, must make a physical check of the tunnel system before use to ensure it is clear of dangerous debris, obstacles, wildlife and meets air quality standards.

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A-2. Range or Brush Fires

- a. Fires on or in the vicinity of ranges for convenience or comfort of troops are not authorized (CGR- 200-1).
- b. Any and all grass or forest fires will be reported immediately to the Range Control Officer on post telephone # 344-6168, FM radio net 46.90 (Call sign "30 Control") or 800 MHz (Zone A Channel 2). Stay on the net after initial report to guide fire trucks.
- c. Authority in fighting of large fires will be passed to the Post Fire Marshall for control and coordination.
- d. Units will extinguish range fires as quickly as possible; consistent with safety to personnel. Fire fighting/unit personnel will NOT enter an impact area to fight fires or go down range without clearance from Range Control.
- e. In no event will a unit leave a range while a fire is present.

A-3. General Range Requirements

- a. The range must have a dedicated ambulance or covered litter capable vehicle and a medical aidman with appropriate medical equipment present during firing. See CGR 385-1 Page 2-3, Para 2 -5.
- b. Firing will cease when the ambulance/litter vehicle or medic is absent from the range or firing point.
- c. The OIC will comply with the Range Procedure Checklist before requesting to make the range "Occupied"
- d. A copy of the range procedure checklist is located in the front of the range packet.

A-4. MEDEVAC

MEDEVAC, when available, will be requested by contacting Range Control on post telephone # 6168, FM radio net 46.90 (Call sign "30 Control") or 800 MHz (Zone A Channel 2). Stay on the net after initial report to assist medical responders. Use the procedures outlined in paragraph 2-6, CGR 385-1 or procedures provided by Range Control.

A-5. Hearing Hazards

Commanders at all levels are responsible for implementing the requirements for hearing protection in accordance with AR 40-5 regarding protective devices for hearing.

A-6. EOD Support

Emergency EOD support may be obtained during AT through the Range Control Office. Units requesting EOD support will be required to furnish a guide for EOD personnel to approximate location of unexploded ammunition. See CGR 385-1, Paragraphs 2-8 and 2-9.

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A-7. Targets and Range Equipment

Targets and range equipment such as streamers, flashing red lights, keys, radios, etc., are available in Bldg 1490. The OIC or RSO of the Range will be required to sign for the range supplies.

A-8. Reports

The following reports will be submitted to Range Control Personnel (Bldg 1490) after completion of firing daily:

- a. Daily Range Report.
- b. Incident Report (If needed).
- c. Report of Unexploded Ammunition (If needed).
- d. Ammunition Consumption Certificate applicable for specially controlled ammunition.
- e. Demolitions Reconnaissance Reports DA 2203-R as applicable, CGR 385-1
- f. Maintenance report (If needed).

A-9. Administrative

a. Only portable latrines will be used for personal relief. Portable latrines will not be moved or used for tactical operations.

b. **Personnel will use available latrines. NO URINATING, DEFACATING, OR SPITTING WILL BE ALLOWED IN ANY BUILDING. IF THIS OCCURS, THE ENTIRE AREA WILL BE STERILIZED. ALL OTHER BODY FLUIDS, i.e., BLOOD, MUCUS, VOMIT, WILL BE PROPERLY CLEANED AND STERILIZED.**

c. Unit Commanders will be held accountable for damage to any real property due to intentional, malicious and deliberate defacement or destruction of government property.

d. All administrative vehicles will be parked outside the CACTF during tactical operations.

e. The ambulance or designated vehicle will be stationed according to Range Control.

f. The targets and target mechanisms will not be tampered with in any way. Do not attach trip wires or booby traps to the targets.

g. Anyone observing an unsafe act or emergency situation may call a "cease fire".

h. Summary. THINK SAFETY!

Appendix B

Uniform and Special Equipment for CACTF

B-1. Using units are responsible for ensuring that Soldiers have the proper uniform and equipment.

B-2. The following is **RECOMMENDED** equipment to train at the CACTF. Uniform and equipment is based on unit training requirements and will be stated on the unit composite risk management (CRM) worksheet.

- a. Individual Soldiers should have:
 - 1) Load Carrying Equipment (LCE)
 - 2) Kevlar/ACH Helmet *
 - 3) Assigned Weapon
 - 4) Hearing Protection *
 - 5) Eye Protection *
 - 6) Blank Adapters
 - 7) Protective Mask
 - 8) Work Gloves *
 - 9) Additional equipment per unit's tactical SOP
 - 10) Body Armor, Vest (Interceptor Vest) *
- b. Unit Equipment (This is optional equipment):
 - 1) Materials to mark clear rooms/buildings (e.g., chalk, cloth, wolf tail material)
 - 2) Training Grenades – bodies only
 - 3) MILES equipment
 - 4) Maps/Sketches
 - 5) TO&E Communication Equipment
 - 6) Organic Weapons
 - 7) Additional TO&E equipment per unit's tactical SOP
 - 8) Sand Bags
 - 9) Concertina Wire and gloves
 - 10) Ladder
 - 11) Lumber
 - 12) Climbing Ropes
 - 13) Material to mark routes and points for ammunition, casualties and equipment
 - 14) Netting
 - 15) Chem Lights
 - 16) Fire Extinguisher

B-3. These are minimum equipment recommendations for use of the CACTF facility. Other equipment may be required due to training. Any deviations from the use of the * indicated items must be explained in the CRM.

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Appendix C

Clean up Procedures for CACTF

- C-1.** Police of outside area including wood line must be free of all trash, brass, canisters, pyro residue, etc. Brass will be turned into ASP.
- C-2.** All trash must be removed and disposed of properly.
- C-3.** All sand bags will be stacked neatly in one location outside.
- C-4.** All furniture will be returned to its location and accounted for.
- C-5.** All buildings will be swept out and free of mud, dirt, trash, brass or anything else except furniture.
- C-6.** NO vandalism of real property to include urinating, defecating, spitting etc. will be allowed in buildings.
- C-7.** No commo wire will be left at the site. All trip wires will be removed.
- C-8.** All markings will be removed.
- C-9.** All doors and furniture with doors/drawers will be opened by unit prior to clearing. After unit has been cleared the **unit** will close all doors/drawers.
- C-10.** Any damage will be reported to the Range Control Full Time Staff.
- C-11.** When unit is ready for inspection, they will provide a cleaning detail for final clean up. These personnel will accompany the Range Control Personnel during final inspection.
- C-12.** Units must coordinate with Range Control for final clearance.

Appendix D

Special Effects Close Combat Marking Capabilities Kit (CCMCK) Policy (Also known as simmunition)

D-1. Purpose

To provide guidance for the use of CCMCK in the CACTF

D-2. Scope

This SOP applies to all Active Duty, Reserve Component or National Guard units and Federal, State and law enforcement agencies.

D-3. Safety

a. The Officer in Charge (OIC) shall brief all personnel on the boundaries of the exercise area and will ensure all personnel within those boundaries meet minimum safety requirements for CCMCK Weapon Conversion System.

- 1) Rules of Engagement (ROE).
- 2) Wear of authorized safety clothing and required equipment.
- 3) Control of weapons, magazines and ammunition.
- 4) Actions on failure/fogged eye/face protection, example: call cease-fire, face into corner, kneel and correct problem, or lay down.
- 5) OIC will ensure or verify that he/she has received a hot time and cold time from Range Control.

b. Rules Of Engagement (ROE)

- 1) ROE will be established and the OIC will strictly enforce them.
- 2) No headshots allowed.
- 3) No shooting at distance less than authorized safe standoff distance.
- 4) No shooting at anyone without eye/face protection.

c. Wear of required safety gear for those participating in CCMCK training

- 1) At a minimum ACUs or flight suits.
- 2) JT mask or protective mask.
- 3) ACH/helmet.
- 4) Groin protection (padding or cup).
- 5) Gloves are recommended.

6) In addition, everyone in the CACTF site during CCMCK training will have on eye protection.

d. Control of weapons, magazines and ammunition

1) Only CCMCK and blanks will be allowed in the CACTF site during training.
2) The OIC shall verify that all weapons used for Force-On-Force training are clear and unloaded, that the appropriate CCMCK Weapon Conversion System is properly installed, and that only CCMCK ammunition is allowed in the Safety and Training Areas.

3) The OIC will inspect loaded magazines for any live ball ammo.

4) All weapons and conversion kits will be maintained in strict accordance with manufactures operation and maintenance manuals.

The Combined Arms Collective Training Facility SOP

Appendix E

**Breach Training
TBP**

Appendix F

Responsibilities of the Range OIC/RSO

- F-1.** Draw facilities and all applicable equipment from Bldg 1490.
- F-2.** Submit composite risk management sheet to Bldg 1490.
- F-3.** Read all information in the range book.
- F-4.** Be sure to pay particular attention to the sheet labeled "Prior to Occupying."
- F-5.** Have in possession the CG 385-1 and all TMs and FMs relevant to the training being conducted.
- F-6.** Any deficiencies that are not brought to Range Control's attention, prior to the occupation of your unit, will be your responsibility to fix prior to your departure.
- F-7.** It is the unit's responsibility to keep all latrines in a serviceable manner.
- F-8.** There will be ZERO tolerance for litter in the area. Police call is mandatory.
- F-9.** Prior to use of pyrotechnics contact Range Control for approval.
- F-10.** Recommendations to enhance the Range will be taken into consideration. Please write recommendations on the AAR sheet.
- F-11.** Ensure all personnel are aware of the restricted areas near your training area. Brief personnel on the hazards they may encounter. Remember most of the personnel are not familiar with the information put out in the Range Safety briefing/coordination briefing.
- F-12.** POV's are not allowed on any range or tank trail, for any reason.
- F-13.** OICs are responsible for knowing and briefing the training area boundaries.