

**BY ORDER OF THE COMMANDER
SCOTT AIR FORCE BASE (AMC)**

**SCOTT AIR FORCE BASE
INSTRUCTION**



36-2601

14 APRIL 2021

Personnel

**CLOSE COMBAT MISSION
CAPABILITY KIT (CCMCK) TRAINING
AND EXERCISES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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RELEASABILITY: There are no releasability restrictions on this publication.

OPR: 375 SFS/S3T

Certified by: 375 SFS/CC
(Lt Col Andres I. Lopez)

Pages: 13

This instruction implements AFI 36-2646, *Security Forces Training and Standardization and Evaluation Programs*, AFI 36-2654, *Combat Arms Program*, AFI 91-202, *The US Air Force Mishap Prevention Program*, DESR6055.09_AFMAN91-201, *Explosive Safety Standards*, and Air Force Technical Order (TO) 11W2-9-4-11, *Close Combat Mission Capability Kit Training Concept of Operations (CONOPS)*. This instruction establishes procedures for the use of the Close Combat Mission Capability Kit (CCMCK) training device at Scott AFB and safety procedures and applies to all organizations on Scott AFB to include the 932d Airlift Wing (AW) (AFRES) and the 126th Air Refueling Wing (ARW) (ANG). This instruction also applies to organizations external to Scott AFB (SAFB) and local agencies outside the Department of Defense. Ensure all records created as a result of processes prescribed in this publication are maintained In Accordance With (IAW) AFI 33-322, *Records Management and Information Governance Program*, and disposed of IAW Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

SUMMARY OF CHANGES

This change adds a new **Attachment 4**, Approved CCMCK Training Area, and renumbers **Attachment 4**, Sample Memorandum, to **Attachment 5**. Guidance on utilizing blank ammunition within the training area has been updated as well.

1. Overview.

1.1. Security Forces (SF), Battlefield Airman Air Force Specialty Code (AFSC) and others directed by their Air Force Career Field Managers (AFCFMs) are required to complete mandatory unit live-fire sustainment training 5 to 7 months after completion of qualification training on their primary weapon(s). SF Airmen complete the Security Forces Shoot, Move, and Communicate (SMC) Course to meet this requirement.

1.2. Utilizing CCMCK during training is as close as it gets to actual law enforcement/combat training scenarios.

2. Responsibilities.

2.1. Applicability. This instruction applies to all personnel assigned to SAFB who are utilizing dye-marking cartridges for training and exercises. All units utilizing CCMCK will have a unit safety plan established and signed by the unit commander.

2.2. Training Requirements. Range Safety Officers (RSO) will be trained IAW AFI 36-2646, and TO 11W2-9-4-11 as applicable.

2.2.1. RSO Responsibilities. As a minimum, each training session will have at least one RSO running the range. They will be in charge of the training session and serves as the disinterested safety official. The RSO is responsible to ensure all training is conducted safely and IAW **paragraph 1.2.1.4** of this document. The RSO must be an E-5 or above or GS-07 or above and will:

2.2.1.1. Utilize only approved training areas and notify the Emergency Communications Center (ECC) prior to initiating training, upon completion of training, and in case of emergency or hazard symbol changes.

2.2.1.2. Inspect the training area before and after each training session for any objects, obstacles, or safety hazards to include live rounds that will impact training. Training will not be conducted until all safety issues have been corrected. If live rounds are discovered, they will be moved to the staging area and another sweep of personnel and the training area will be conducted for live rounds.

2.2.1.3. Ensure a copy of this instruction, TO 11W2-9-4-11, and CCMCK CONOPS are available in the training area.

2.2.1.4. Supervise the installation and recovery of all weapon conversion kits to ensure no fully functional weapons are introduced into the training area as identified in TO 11W2-9-4-11, Chapter 3. Weapon conversion will take place inside the safe zone of the training area IAW TO 11W2-9-4-11. All trouble shooting of weapon malfunctions will be conducted IAW TO 11W2-9-4-11, Chapter 7.

2.2.1.5. Account for the safe storage/handling, verification, accountability and issuance of marking cartridges, weapons, munitions and other training aids.

- 2.2.1.6. Appoint additional training cadre members and support personnel to be used during each training scenario.
- 2.2.1.7. Appoint range guard(s) to control access to specific training zones. Guards must be educated on their duties prior to the start of any training session. Additional guards may be appointed and must be briefed if used.
- 2.2.1.8. Determine and designate when and how the range/training zone is considered “HOT” and “COLD.”
- 2.2.1.9. Conduct a safety briefing before each training session to all trainees, trainers, support personnel, and spectators (**Attachment 2**).
- 2.2.1.10. Fill out RSO training/exercise checklist before the training operation (**Attachment 3**).
- 2.2.1.11. Oversee training area cleanup and reconstitution; identify any misfired rounds (dispose of expended rounds through normal waste disposal procedures). Weapons reconfiguration will be IAW TO 11W2-9-4-11 to include weapons cleaning and bore checks for lodged projectiles.
- 2.2.1.12. Contact base weather to ensure there is no lightning within 5 nautical miles of the training area. If lightning is detected within five nautical miles, operations will cease and personnel will seek shelter.
- 2.2.1.13. Contact Scott AFB Fire Department (FD) if utilizing the SF Shoot House to ensure they are not going to be training in the area.
- 2.2.1.14. Supervises range guard(s).
- 2.2.2. Range Guard(s) Responsibilities. Prevent entry of non-essential personnel into the training area.
- 2.2.3. Joint training between AF and other agencies. If joint training is to be conducted and CCMCK cartridges are to be used, the 375th Air Mobility Wing Commander (AMW/CC) assumes responsibility for 375 AMW personnel. If other installation-based agencies wish to utilize 375 AMW-owned areas or equipment, the responsible commander will assume risk via coordination through a support agreement such as a Memorandum of Agreement. In the absence of an established support agreement, commanders or equivalent outside the installation will sign the memorandum in **Figure A5.1** to assume responsibility for their personnel and equipment involved in the training.
- 2.2.3.1. This instruction applies to the 375 AMW and units or agencies who have pre-coordinated with the 375 AMW to utilize SFS CCMCK areas or equipment. Assets outside of Air Force channels may not be held to the same storage, management, and inspection criteria IAW TO 11W2-9-4-11. Therefore, commanders or equivalent must assume responsibility for their own personnel and/or equipment.
- 2.2.3.2. The 375 SFS Training Section (S3T) will be contacted at least 24 hours prior to using the area for scheduling purposes and an explosive safety briefing. In the event of an evacuation, the highest-ranking trainer will be responsible for accountability and meeting first responders, if necessary, or will designate a person to do so on their behalf. IAW AFMAN 21-201, *Munitions Management*, paragraph 2.7.2, ensure munitions, to

include Material Documented as Safe (MDAS), are not released to agencies or individuals outside the Air Force without appropriate approval, certification, and documentation. Outside agencies will not issue or allow AF personnel to handle munitions except for emergency responders. If an AF agency requires munitions, they will contact 375th Logistic Readiness Squadron (LRS) Munitions section at (618) 256-8443/DSN 576-8443.

2.2.3.3. This SAFB Instruction is only for CCMCK cartridges. The memorandum in **Figure A5.1** will be addressed to 375 AMW/CC and sent to the 375 AMW Safety (SEW) for review 5 duty days prior to the event. It will be filed and active for 1 calendar year, but the agency or coordinating unit must notify the 375 AMW/SEW at (618) 256-5880/DSN 576-5880 prior to any further events. If other types of explosives are to be used, contact the 375 AMW/SEW as soon as possible for additional guidance. Anything other than CCMCK munitions may require additional coordination and approval.

3. Training Areas.

3.1. Training Locations. Additional detailed information for the approved training areas is established in the units CCMCK Safety Plan and available upon request.

3.1.1. Joint SF/FD Training Area.

3.1.2. Any field large enough to establish the training zones listed below and which has proper pedestrian and traffic control in order to prevent unauthorized entry.

3.2. Zones. All training areas are divided into three “Zones” as identified below.

3.2.1. Training zone (Hot Zone). This is the live fire area. All safety equipment, as identified in **paragraph 4.2** of this publication, must be worn prior to entering and throughout the training scenario or until the area is considered “COLD” by the RSO.

3.2.2. Safety zone (Warm Zone). This is a 75 meter (246 feet) buffer area where all briefings, gear storage, and scenario preparation takes place. Entry into the safety zone, as well as the training zone, will be limited to a single point of entry and be monitored by the range guard(s) for any unauthorized entry. If unauthorized personnel enter this area, the range guard(s) will call out “CEASE FIRE” and notify the RSO. Safety equipment as identified in **paragraph 4.2** of this publication is required to be worn in this area if the training zone is “HOT.” All preparation to include loading of dedicated magazines and weapon inspections occurs in this area.

3.2.3. Staging zone (Cold Zone). This is an area outside of the 75-meter safety area where personnel can rest and observe training without safety gear.

3.2.4. Blank ammunition may be utilized (IAW AFMAN 31-129, *USAF Small Arms and Light Weapons Handling Procedures*, and DESR6055.09_AFMAN 91-201) throughout the entire Warfighter Training Area. Approved CCMCK training areas are identified in **Attachment 4 (Figures A4.1 & A4.2)**.

4. Required Safety Equipment.

4.1. Personal Protective Equipment (PPE) Requirements. All personnel within the training zone, (to include instructors, safety observers, and participants) whether training or observing,

must wear all mandatory PPE. This does not apply to individuals who are outside the training zone or in the safety zone. Personnel armed with live munitions will not enter the training, safety or staging zones.

4.2. Required PPE for Force-on-Force.

4.2.1. Full-face protection including but not limited to CCMCK Face Mask, National Stock Number (NSN) 8415- 99-359-9160, or FX® Protective Mask and Hard Top, NSN 8415-17-923-4534 and Sun, Wind and Dust Goggles, NSN 8465-01-328-8268.

4.2.2. Helmet with functioning chinstrap (snapped and secured) if not wearing the hard top of the FX® Protective Mask. If required, role players must also utilize equivalent head PPE.

4.2.3. Hearing protection.

4.2.4. Groin protection (cup or padding).

4.2.5. Skin protection/covered.

4.2.6. Gloves that allow full dexterity of all fingers.

4.3. Required PPE for Non-Force on Force Target Shooting:

4.3.1. Hearing protection.

4.3.2. Eye protection.

4.3.3. Skin protection/covered.

4.4. Fire safety. A fire extinguisher will be made available during training. Do not attempt to suppress a fire if ammunition is engulfed in flames. Evacuate to the predesignated points, as designated in the safety briefing, and notify the ECC.

4.5. Safety equipment serviceability. If the serviceability of any safety equipment is in question have a RSO inspect the equipment. If the PPE is found unserviceable, it shall be removed from service and disposed of IAW local procedures.

4.6. Transportation of CCMCK munitions. Use only government vehicles or properly configured General Services Agency (GSA) vehicles to transport munitions. Personal vehicles are authorized to transport weapons to and from training areas with no munitions.

4.6.1. Inspect vehicles for serviceability. Correct major discrepancies before using vehicles to transport munitions.

4.6.2. Pack all munitions in original or authorized containers prior to transport to training area.

4.6.3. Placard all vehicles transporting explosives IAW DESR6055.09_AFMAN91-20 and Code of Federal Regulation (CFR 49), Transportation, Part 172, Subpart F. Explosive loaded vehicles on base will be appropriately placarded on all sides when transporting hazard class 1.4 off the installation.

4.6.4. Remove all combustible materials from vehicles (i.e., wood, paper, plastic, and cloth) prior to transporting explosives.

- 4.6.5. Open flames of any type are not allowed within 50 feet of an explosive-laden vehicle. Smoking is prohibited in an explosive-laden vehicle and prohibited within 50 feet of any explosives.
- 4.6.6. Do not transport explosives in a passenger compartment of a vehicle.
- 4.6.7. Secure explosive containers in the vehicle using tie-down straps, cargo nets, blocking, or a similar method prior to movement to prevent shifting or bouncing of explosive assets.
- 4.6.8. One of the non-steering wheels will be chocked when vehicle is parked without the driver behind the wheel, and during loading or unloading operations.
- 4.6.9. Explosives loaded vehicles will not be refueled. Refueling will take place prior to the loading of explosives or immediately after unloading.
- 4.6.10. Explosives will not be left unattended in the vehicle. These items will be removed from the vehicle and stored properly after each use.
- 4.6.11. Explosive loaded vehicles will be equipped with a minimum of two each 2A:10B:C fire extinguishers. Additional fire extinguishers can be procured from the 375th Civil Engineering Squadron (CES) Fire Emergency Services at 618-256-5389/DSN 576-5389.
- 4.6.12. Provide an armed escort when transporting 15 or more Category III (M4/M9) weapons off base in a single mode of transportation.

JEREMIAH S. HEATHMAN, Colonel, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 36-2646, *Security Forces Training and Standardization Evaluation Programs*, 19 December 2019

AFI 36-2654, *Combat Arms Program*, 16 April 2020

AFI 91-202, *The US Air Force Mishap Prevention Program*, 12 March 2020

AFMAN 21-201, *Munitions Management*, 26 March 2019

AFMAN 31-129, *USAF Small Arms and Light Weapons Handling Procedures*, 2 January 2020

DESR6055.09_AFMAN91-201, *Explosive Safety Standards*, 10 March 2021

TO 11W2-9-4-11, *Technical Manual Operator's Manual for Close Combat Mission Capability Kit (CCMCK)*, 28 January 2015

Code of Federal Regulation 49, *Transportation*, 9 November 2016

Abbreviations and Acronyms

AFCFM—Air Force Career Field Manager

AFI—Air Force Instruction

AFRES—Air Force Reserve

AFRIMS—Air Force Records Information Management System

AFSC—Air Force Specialty Code

AMW—Air Mobility Wing

ANG—Air National Guard

ARW—Air Refueling Wing

AW—Airlift Wing

CCMCK—Close Combat Mission Capability Kit

CES—Civil Engineer Squadron

CONOPS—Concept of Operations

ECC—Emergency Communications Center

FD—Fire Department

GSA—General Services Agency

IAW—In Accordance With

LRS—Logistics Readiness Squadron

MDAS—Material Documented as Safe

NSN—National Stock Number

PPE—Personal Protective Equipment

RDS—Records Disposition Schedule

RSO—Range Safety Officer

SAFB—Scott Air Force Base

SEW—Safety

SF—Security Forces

SFS—Security Forces Squadron

SMC—Shoot, Move, and Communicate Course

TO—Technical Order

UCMJ—Uniform Code of Military Justice

Attachment 2

CCMCK RSO PRE-TASK OPERATION SAFETY BRIEFING

Figure A2.1. RSO Pre-Task Operations Safety Briefing.

1. The RSO provides this safety briefing and assigns emergency action responsibilities to all members.

1.1. RSO: _____

1.2. Operation Location of nearest phone/radio: _____ / _____

1.3. Explosive Limits: (Total number of rounds involved) _____

1.4. Operation to be performed: _____

1.5. Munitions involved: _____

1.6. PPE and Safety Brief: _____

NOTE: PPE will be worn in the training area at all times.

2. Number of Personnel involved in the operation.

2.1. Trainers: _____
(RSO & Range Guard)

2.2. Trainees: _____
(Training/Exercise participants)

2.3. Observers: _____
(Others)

3. Rules of Engagement (ROE).

3.1. PPE must remain on in the training zone and safety zone at all times. If you must take your safety gear off or it comes off, announce cease-fire three times loudly before doing so. Upon hearing cease fire, all other personnel are required to echo it loudly three times.

3.2. Minimum Safe Engagement Distance. You will not engage live targets closer than 1.52 meters (5 feet).

3.3. Do not argue with the RSO, they are in charge of the range. Headshots are not allowed and will not be tolerated. Lethal items will not be permitted in the training area (knives, live rounds etc.). No physical contact between participants will be permitted, unless directed by the RSO (scenario driven).

3.4. Cease fire can be used by anyone, any time an unsafe act is witnessed. Shout Cease Fire as directed above. Upon cease-fire, only RSO can resume training.

4. Emergency Actions.

4.1. In case of emergency the RSO will take delegate reaction procedures and immediately notify the 375th Security Forces Squadron (375 SFS) ECC by the most expedient method possible (Radio or Telephone) Call sign: _____

4.2. In the event munitions are involved in a fire, all operations in the immediate vicinity will be stopped and personnel will evacuate. Initial withdrawal distance is: _____.

4.3. If an evacuation occurs, all personnel will immediately contact the ranking individual (or representative) at the evacuation assembly point. Personnel will not depart assembly point until released by the ranking person (or representative).

4.4. In the event of an emergency that causes physical injury, the person that encounters the emergency will immediately call "CEASE FIRE" and notify the RSO, who will secure weapons, equipment, and munitions of injured, sick, or incapacitated personnel.

4.5. Brief evacuation points in case of an emergency. As a minimum, the evacuation point must be 100 meters outside the location of the Safety Zone.

5. Questions or Concerns.

6. End Safety Briefing.

Attachment 3

CCMCK RSO TRAINING/EXERCISE CHECKLIST

Table A3.1. RSO Training/Exercise Checklist.

TASK	COMPLETED
1 Inspection of training/exercise area for unsafe conditions.	
2 Documentation of participants (Sign in Roster)	
3 RSO gives Safety Briefing, Rules of Engagement and RSO checklist.	
4 CCMCK Weapons conversion kit installation procedures	
5 Safety inspection of Personnel, Weapons, and Equipment (Live Round Check).	
6 Conduct safety inspection of RSO, role-players, support personnel and (if applicable) vehicles.	
7 (If applicable) Brief role-players and support personnel on position for training/exercise scenario.	
8 Contact ECC to give training/exercise location and start time.	
9 Bring personnel to entrance of safety area for inspection.	
10 Conduct safety inspection of personnel, PPE and Safety Equipment.	
11 Conduct second safety check. Role-players and support personnel put masks on until range is called cold. Role-players weapons are not loaded yet. When satisfied that everyone is briefed and wearing all necessary protective equipment and the training area is secure, RSO will call the range "RANGE HOT."	
12 Answer any final questions participants/students may have.	
13 Have personnel face in a safe direction and load weapons. Begin training/exercise scenario.	
14 RSO positioned to monitor the scenario for safety violations and not an active participant in the scenario; any safety violation shouts "CEASE FIRE."	
15 RSO also monitors the scenario for safety issues and ensures training objectives are met. RSO ends the scenario by shouting "CEASE FIRE, CEASE FIRE, and EVERYONE COME TO THE SOUND OF MY VOICE." All masks stay on. Check for any injuries.	
16 Instruct all personnel with weapons to face in a safe direction and clear their weapons. Account for all personnel, weapons, and equipment. All items must be accounted for and checked by the RSO. The RSO will call the range "COLD." Personnel, may them, remove PPE/Masks.	
17 RSO Conduct hot wash, debrief/after action review.	
18 Once all training is complete account for all weapons, magazines, munitions and equipment, clear training/exercise area of CCMCK munitions residue before personnel leave area safety Zone.	
19 CCMCK Weapons conversion kit removal.	
20 Contact the ECC to inform exercise completed, injury status, and accountability of all equipment status.	

Attachment 4
CCMCK TRAINING AREA

Figure A4.1. Visual Map of approved CCMCK Training Area.



Figure A4.2. Visual Map of WTA and approved CCMCK Training Area within the WTA.



Attachment 5

MEMORANDUM FOR REQUESTING CCMCK TRAINING ON SCOTT AFB

Figure A5.1. Sample Memorandum from requesting agency.

<p>MEMORANDUM FOR 375 AMW/CC 101 HERITAGE DR SCOTT AFB ILLINOIS 62225</p> <p>FROM: (Requesting Agency) STREET ADDRESS CITY, STATE ZIP CODE</p> <p>SUBJECT: Agreement to comply with AF Directives and Scott AFB Instruction 36-2601, <i>Close Combat Mission Capability Kit (CCMCK) Training and Exercises</i></p> <p>1. While conducting CCMCK training at Scott AFB, my personnel will comply with AF directives and Scott AFB Instruction 36-2601. There will be no other explosives used besides dye marking cartridges unless properly coordinated and approved prior to the event. There will be no AF munitions issued to or used by any member of my team. Also, no member of my team will issue or allow AF personnel other than emergency responders to handle explosives brought by my team.</p> <p>2. I acknowledge that 375th Air Mobility Wing, the Air Force, and the Department of Defense, is not responsible for any damages or injuries received to any member of my team or equipment while conducting CCMCK training while on Scott AFB.</p> <p>3. Please contact (name and phone number) for questions.</p> <p>Commander/Director (or equivalent) name Title</p>
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