

**BY ORDER OF THE COMMANDER
HILL AIR FORCE BASE**

**HILL AIR FORCE BASE INSTRUCTION
36-2646**



**16 JUNE 2021
Certified Current, 24 April 2024
Personnel**

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

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available on the e-Publishing website at www.e-Publishing.af.mil for downloading or ordering

RELEASABILITY: There are no releasability restrictions on this publication

OPR: 75SFS/S5

Certified by: 75SFS/CC
(Lt Col Michael Twining)

Supersedes: HILLAFBI36-2646,
31 March 2016

Pages: 11

This instruction implements procedures in accordance with (IAW) Air Force Instruction (AFI) 36-2654, *Combat Arms Program*, establishing procedures for the use of all CCMCK training devices at Hill Air Force Base (AFB). All requirements identified must be met. All task items identified in the Technical Order (TO) 11W2-9-4-11, *Technical Manual Operator's Manual for Close Combat Mission Capability Kit (CCMCK)* and/or AFI 36-2654, Chapter 7 will have precedence over this instruction. A copy of this operating instruction, TO 11W2-9-4-11, AFI 36-2654 and lesson plans/courses of fire must be available at the training location, or within the training area. Step-by-step procedures for task accomplishment is identified in this instruction and the course of fire. This instruction applies to all personnel assigned to Hill AFB who are utilizing CCMCK dye marking cartridges for training and exercises. Failure to comply with this publication is punishable under Article 92 of the Uniform Code of Military Justice (UCMJ). The terms "must," "shall" and "will" denote mandatory actions in this operating instruction. 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. Ensure that all records created as a result of processes prescribed in this publication are maintained IAW AFI 33-322, *Records Management and Information Governance Program*, and are disposed IAW Air Force Records Disposition Schedule (RDS) which is located in the Air Force Records Information Management System (AFRIMS).

SUMMARY OF CHANGES

Prescribing publication changed from AFI 36-2646 to AFI 36-2654. Requirements from the Air Force Security Forces Center (AFSFC) CCMCK Concept of Operations (CONOPS) changed to AFI 36-2654, *Combat Arms Program*, Chapter 7.

Chapter 1

ROLES AND RESPONSIBILITIES

1.1. Applicability. This instruction applies to all personnel assigned to Hill AFB who are utilizing CCMCK dye marking cartridges for training and exercises.

1.2. Training Requirements. Range Safety Officer (RSO) and Training Support Official (TSO) will be trained IAW AFI 36-2654 and TO 11W2-9-4-11 as applicable.

1.2.1. The 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 serve as the disinterested safety official. The RSO is responsible to ensure all training is conducted safely and IAW this instruction. The RSO must be an E-5 or above, or GS-07 or above and will:

1.2.1.1. 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.

1.2.1.2. 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.

1.2.1.3. Ensure a copy of this instruction, TO 11W2-9-4-11, and AFI 36-2654, Chapter 7 are available at the training location, or within the training area.

1.2.1.4. Supervise the installation and recovery of M9, M11, M18, M16A2/M4M4A1 AK47Mod Kit, and M-249 CCMCK 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.

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

1.2.1.6. Appoint additional training cadre members and support personnel to be used during each training scenario.

1.2.1.7. 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.

1.2.1.8. Determine and designate when and how the range/training zone is considered "HOT" and "COLD."

1.2.1.9. Conduct a safety briefing before each training session to all trainees, trainers, support personnel and spectators ([Attachment 2](#)).

1.2.1.10. Fill out RSO training/exercise checklist before the training operation ([Attachment 3](#)).

1.2.1.11. 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.

1.2.1.12. Contact base weather to ensure no lightning within 5 miles. If lightning is detected within five miles operations will cease and personnel will seek shelter.

1.2.1.13. Supervise range guard(s).

1.2.2. The TSO Responsibilities. The TSO reports directly to the RSO and will:

1.2.2.1. Run scenarios and verify all training objectives are met.

1.2.2.2. Supervise assistant TSOs and, if required, role players.

1.2.3. Range Guard(s) Responsibilities. Prevent entry of non-essential personnel into the training area.

Chapter 2

TRAINING AREAS

2.1. Training Locations: Additional detailed information for the approved training areas is available upon request.

2.1.1. Base Operational Readiness Training Area (BORTA).

2.1.2. Building 531/Crow Hall.

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

2.2.1. Training Zone. This is the live fire area. All safety equipment as identified in [paragraph 3.1](#) of this publication must be worn prior to entering and throughout the training scenario or until the area is considered “COLD” by the RSO.

2.2.2. Safety Zone. This is a 75 meter 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 3.1](#) 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.

2.2.3. Staging Zone. This is an area outside of the 75 meter safety area where personnel can rest and observe training without safety gear.

Chapter 3

REQUIRED SAFETY EQUIPMENT

3.1. 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.

3.2. Required PPE for Force-on-Force:

3.2.1. Full-face protection to include CCMCK Face Mask, National Stock Number (NSN) 8415-99-359-9160 and Sun, Wind and Dust Goggles, NSN 8465-01-328-8268.

3.2.2. Helmet with functioning chin strap (snapped and secured). If required, role players must also utilize equivalent head PPE.

3.2.3. Hearing protection.

3.2.4. Groin protection (cup or padding).

3.2.5. Skin protection/covered (no exposed skin).

3.2.6. Gloves that allow full dexterity of all fingers.

3.3. Required PPE for Target Shooting:

3.3.1. Hearing protection.

3.3.2. Eye protection.

3.3.3. Skin protection/covered.

3.4. Fire Safety. A fire extinguisher will be made available in each of the three zones. 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.

3.5. 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.

JENISE M. CARROLL, Colonel, USAF
Commander

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

AFI 33-322, *Records Management and Information Governance Program*, 22 March 2020

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

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

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*, 22 September 2009

Abbreviations and Acronyms

75SFS—75th Security Forces Squadron

75SFS/CC—75th Security Forces Squadron Commander

75SFS/S5—75th Security Forces Squadron Chief, Plans and Programs

AFB—Air Force Base

AFI—Air Force Instruction

AFMAN – Air Force Manual

AFRIMS—Air Force Records Information Management System

AFSFC – Air Force Security Forces Center

BORTA—Base Operational Readiness Training Area

CCMCK—Close Combat Mission Capability Kit

CONOPS—Concept of Operations

ECC—Emergency Communications Center

IAW—In Accordance With

NSN—National Stock Number

OPR – Office of Primary Responsibility

PPE—Personal Protective Equipment

RDS—Records Disposition Schedule

RSO—Range Safety Officer

TO—Technical Order

TSO—Training Support Official

UCMJ—Uniform Code of Military Justice

Attachment 2

RSO PRE-TASK OPERATION SAFETY BRIEFING

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

<p>1. The RSO provides this safety briefing and assigns emergency action responsibilities to all members:</p> <p>1.1. RSO: _____</p> <p>1.2. Operation Location of nearest phone/radio: _____/_____</p> <p>1.3. Explosive Limits: <i>(Total number of rounds involved)</i></p> <p>_____</p> <p>1.4. Operation to be performed: _____</p> <p>1.5. Munitions involved: _____</p> <p>1.6. PPE and Safety Brief: _____</p> <p><i>NOTE: PPE will be worn in the training area at all times.</i></p> <p>2. Number of Personnel involved in the operation:</p> <p>2.1. Trainers: _____ (RSO, TSO & RG)</p> <p>2.2. Trainees: _____ (Training/Exercise participants)</p> <p>2.3. Observers: _____ (Others)</p> <p>3. Rules of Engagement (ROE)</p> <p>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.</p> <p>3.2. Minimum Safe Engagement Distance. You will not engage live targets closer than 1.52 meters (five feet).</p> <p>3.2. Do not argue with the RSO, they are in charge of the range. Head shots 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 TSO (scenario driven).</p> <p>3.3. 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.</p>

4. Emergency Actions

4.1. In case of emergency the RSO or TSO will take reaction procedures and immediately notify the 75th Security Forces Squadron (75 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

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 TSO, 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 " <u>RANGE HOT</u> ".	
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	TSO also monitors the scenario for safety issues and ensures training objectives are met. TSO 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 and TSO. The RSO will call the range " <u>COLD</u> ". All personnel may then remove PPE/Masks.	
17	TSO 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 the Safety Zone.	

19	CCMCK Weapons conversion kit removal.	
20	Contact ECC to inform exercise completed, injury status and accountability of all equipment status.	