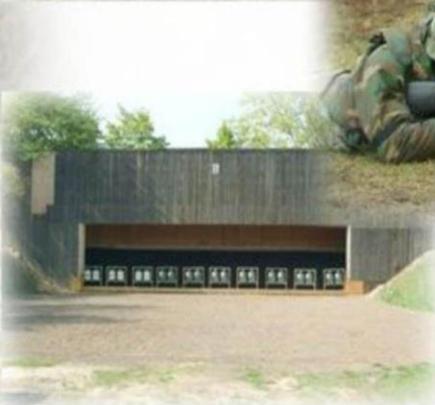
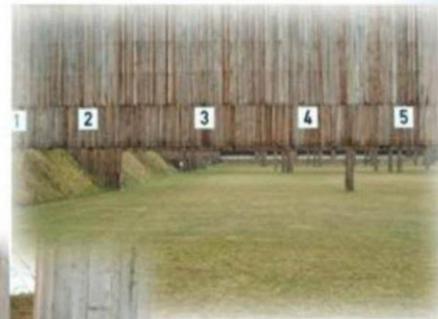




TRAINING SUPPORT CENTER WIESBADEN **RANGE CONTROL**



STANDARD OPERATING PROCEDURES

“TRAINING SUPPORT IS OUR ONLY BUSINESS”



DEPARTMENT OF THE ARMY
SEVENTH ARMY TRAINING COMMAND
TRAINING SUPPORT CENTER, WIESBADEN
Unit 34600
APO AE 09005

AETT-TS-W

18 Oct 2018

MEMORANDUM FOR ALL TRAINING UNITS

SUBJECT: TRAINING DIRECTIVE

1. Safety is the organization's responsibility. All units must have a risk assessment for any training that they want to conduct on our ranges. Range Control personnel, my designated agents, are responsible to assist supervisors by developing, monitoring, and enforcing range safety and operational requirements. They ensure compliance with U.S. and German laws and regulations, and other procedural guidance. All training units shall obey directives issued by Range Control office.
2. Due to the number of employees within certain organizations, a wavier is in effect, so there is no need to have a gate guard at the entrance of Wackernheim range complex. This exception to policy only applies to non-military organizations and the normal operating procedures for military units will apply in the current range SOP.
3. Transportation on the range for all military organizations will be with military vehicles or non-tactical vehicles from the TMP office. All other POV type vehicles are authorized to transport agents/Polizei on the range facility and no special memorandum will be needed.
4. Any unit requiring specific special training or firing of a non-standard scenario must get approval by the TSC Chief prior to conducting this training. These special exercises will get approval from the ATC Safety office prior to conducting special training.
5. Deploying units will still have priority to schedule the training facilities over all units regardless if a unit has already scheduled a range.
6. If a disagreement with Range Control personnel arises, the training unit will comply with the directive and then seek resolution of the conflict with the Chief, Training Support Center- Wiesbaden.
7. Point of contact this memorandum is the undersigned at 546-6170.

//original signed//
RONALD C. CLENDENEN
Chief, Training Support Center
Wiesbaden

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1. Introduction

a. **Purpose.** The purpose of these Standard Operating Procedures is to provide guidance and policy to units/elements and/or personnel receiving training support materials from the Training Support Center and the Range Control branch.

b. **References.**

Department of the Army Regulations (AR)

AR 350-28	Army Exercises
AR 350-31	Training Management Control Systems (TMACS)
AR 350-35	Army Modernization Training
AR 350-41	Army Forces Training
AR 350-42	Nuclear, Biological, and Chemical Defense and Chemical Warfare Training
AR 385-10	Army Safety Program
AR 385-15	Water Safety
AR 385-40	Accident Reporting and Records
AR 385-63	Policies and Procedures for Firing Ammunition for Training, Target Practice, and Combat
AR 385-64	Ammunition and Explosives Safety Standards
AR 420-90	Fire Protection

United States Army Europe Regulations (UR)

UR Reg 1-3	International Agreements
UR Reg 10-5	USAREUR Organizational Functions
UR Reg 12-16	Mutual Logistic Support between the U.S. Army and Governments of eligible countries and NATO subsidiary Bodies
UR Reg 350-1	USAREUR Training Directive
UR Reg 350-10	Major Training Areas
UR Reg 350-21	Shared Use of US Controlled Training Areas in Germany by Bundeswehr Units
UR Reg 350-22	Maneuver and field Training Exercise Rights in the Federal Republic of Germany
UR Reg 350-220	Home Station Training Support
UR Reg 350-221	Marksmanship Ranges
UR Reg 380-20	Restricted Areas

Department of the Army Pamphlets (DA PAM)

DA PAM 350-38	Standards in Weapons Training
DA PAM 385-64	Explosive Safety
DA PAM 738-750	The Army Maintenance Management

USAREUR Pamphlets (UR PAM)

UR PAM 350-220-5 Training and Development

Field Manuals (FM)

FM 3-11	Multi-service Doctrine for CBRN Operations
FM 3-11.3	Multi-service Doctrine for CBRN Avoidance
FM 3-11.4	Multi-service Doctrine for CBRN Protection
FM 3-11.5	Multi-service Doctrine for CBRN Decontamination
FM 3-39	Military Police Operations
FM 4-25.11	First Aid
FM 21-18	Foot Marches
FM 3-22.9	Rifle Marksmanship, M16/M4 series weapons
FM 3-22.68	Crew Served Weapons
FM 3-23.30	Grenades and Pyrotechnics Signals
FM 3-23.35	Combat Training with Pistols, M9 and M11
FM 3-24.217	Explosives and Demolitions
FM 3-6	Urban Operations

Training Circulars (TC)

TC 25-1	Unit Training Land Requirements
TC 25-8-1	Army Special Operations Forces Training Ranges
TC 3-23-30	Grenades and Pyrotechnics Signals
TC 3-25.26	Map Reading and Land Navigation
TC 25-8	Training Ranges
TC 21-305-20	Manual for the Wheeled Vehicle Driver
TC 90-1	Training for Urban Operations

Technical Manuals (TM)

TM 3-22.31	40mm Grenade Launcher, M203
TM 3-23.25	Shoulder-Launched Munitions

GTAs

GTA 07-01-043	Coaches Checklist (4 Fundamentals)
GTA 08-01-004	MEDEVAC request form

c. **Scope.** This Standing Operating Procedure is applicable to all units/ elements within the Training Support Center footprint. It supersedes all previous SOPs and in the event of conflict of this SOP and U.S. Army directives, the U.S. Army directives will prevail.

d. **Location.** The Wiesbaden Range Control is located at Bldg 6980, Wackernheim Regional Range Complex, Ober-Olmerstrasse, Wackernheim, Germany.

1) HOURS OF OPERATION:

Monday through Saturday: 0730 – 1630

CLOSED ON AMERICAN / GERMAN HOLIDAYS

2) Address all correspondence to:

7th Army Training Command (7th ATC)
Training Support Center (TSC) – Wiesbaden (WI)
Unit 34600, Box 40
APO AE 09005

3) Telephone/Fax Numbers:

TSC Wiesbaden Hot Line	DSN 546-1398	CIV: 0611-143-546-last-4
TSC Chief	DSN 546-6170/6106	
TSC FAX:	DSN 548-7840	
Range Control	DSN 546-6131/32	
Range Control FAX	DSN 546-6138	
E-Mail:	ronald.c.clendenen.civ@mail.mil	

e. **Mission.** Identifies, acquires, manages and provides state-of-the-art Home Station Training Support and visual information capability as directed by USAREUR. In order to prepare forces to win in any operating environment, and serves as the ATC point of contact for the training support for the Wiesbaden Military Community.

f. **General Information:**

1). IAW DA PAM 385-63, all OICs, NCOICs, and RSOs must receive a range/training area safety briefing from the Range Control organization on the uses of the ranges and local training areas.

2). Range Safety briefings are conducted on the first and third Wednesday of each month in the classroom at Wackernheim Regional Range Complex, beginning at 1000 hrs. This will eliminate units requesting last minute briefings. To complete the certification, OICs and RSOs are required to attend this orientation briefing. Units may request a separate briefing date at the same location; however, the group must consist of a minimum (20 personnel). The briefing will be valid for one year.

3). Noise-sensitive areas: at times during maneuver training all activities will be done at a minimal on Sundays, German religious and legal holidays, except for military emergencies or as indicated in USAREUR Reg. 350-22. When operational readiness requires training on a Sunday or German legal holiday, units will use noise-reduction techniques for aircraft, vehicle, and equipment operations. Units will avoid using blank ammunition, smoke, pyrotechnics and simulators that may disturb the local population, especially in areas where religious services are being conducted.

- During weekdays: quiet hours are (2200 hrs – 0700 hrs).
- If weekends are included in the exercise period, a justification, including

information on the extent of training activities planned, will be included in the request information forwarded to the USAG (Government Relations).

4). Refuse/ Waste for Disposal/Refuse will never be buried. Refuse must be collected and transported to garrison and/or properly disposed of through an authorized contract firm. Hazardous wastes (i.e. Chemical, medical, toxic, and POL) will be returned to garrison and/ or properly disposed of through an authorized contract firm. Hazardous waste materials will never be mixed with normal refuse. If you need portable toilets, contact PORT-A-Potties (06051-964444). As a general rule, field expedient slit trenches or other toilet facilities will **NOT** be constructed in the LTA.

5). OIC/RSO roster must be submitted to Range Control prior to training being conducted. The range certification roster must be signed by the units Battalion Commander (O5 or above). Only those individuals on the unit's certification roster may serve as OICs, RSOs, or NCOICs. All O-5 memorandums will be valid for one year or when BN CDR PCS, whichever occurs first.

IN THE EVENT THAT AN ACTING BATTALION / SQUADRON COMMANDER (TEMPORARY DUTY ASSIGNMENT) SIGNS THE OIC/RSO CERTIFICATION MEMORANDUM, THE MEMORANDUM MUST BE ACCOMPANIED BY THE ASSUMPTION OF COMMAND ORDERS AND WILL ONLY BE VALID DURING THE PERIOD OF COMMAND.

6). Risk Assessment: will be completed and on-hand prior to units training on any of the ranges or in the LTAs. Note: For training that is assessed above the LOW level or special type of training (Rappelling) a risk assessment must be signed by the appropriate officer within the chain of command for the category of the risk.

7). Severe Weather Conditions: In the event of severe weather such as thunderstorms or extremely heavy rain or very high wind conditions, Range Control will place all ranges in a check fire status until it is determined that training can resume without danger to Soldiers or risk of damage to the range facilities.

8). Minimum Visibility Requirements: When visibility falls below these limits, units will cease-fire and notify Range Control. Range Control will then determine if conditions warrant closing of the range.

- On all 25-meter Ranges 25 meters
- On CPQC 35 meters
- On 300-meter KD-Range 300 meters
- On M203 Range 400 meters

9). Speed Limits: The following speed limits will be observed at all times:

- (a) Main road leading to the Range 20 MPH or 32 KPH
- (b) On Range 5 MPH or 8 KPH

- (c) While in LTAs (Day) 20 MPH or 30 KPH
- (d) While in LTAs (Night) 10 MPH or 16 KPH

10). Privately Owned Vehicles (POVs):

- (a) It is strictly forbidden to bring POVs to the LTAs.
- (b) All unauthorized POVs found on any LTA will be towed away at the owner's expense.
- (c) POVs are only authorized on the Range complex parking area.

11). **Fire Condition Status:** Fire Condition codes will be posted at the range control firing desk at all times. All units scheduled for training will acknowledge the FIRECON status upon occupying the range or LTA.

<u>FIRECON</u>	<u>POSSIBILITY OF FIRES</u>
RED	EXTREME PROBABILITY OF FIRE- No tracers or blank ammunition, smoke, or pyrotechnic devices may be used on any range or LTA within the TSC.
AMBER	HIGH PROBABILITY OF FIRE- No pyrotechnics or smoke may be used on any range or LTA within the TSC.
GREEN	LOW PROBABILITY OF FIRE- No restrictions due to probability of fire. Standard SOP will be followed for all ranges and LTA within the TSC.

12). **Gran Tex Material Information:** Ranges 1,2 an 5 have Gran Tex material in their bullet catches. TSAE RTLP Operations Administers a contract for GranTex remediation for all ranges that have GranTex material on their 25m ranges. Based on firing throughput GranTex ranges are typically remediated annually but may be sooner if number of rounds fired exceeds expectations.

(a) Firing units will cease fire immediately if heavy levels of round lead and casings exist on GranTex material surface or spit back is noticed forward of the bullet catch. Unit RSOs will notify range personnel immediately.

(b) Rate of firing is limited to not more than 3 rounds bursts. Exceptions are limited and must be approved by USAREUR Range Safety in writing on a case-by-case basis.

(c) Tracer firing is **prohibited** on all 25m ranges.

13). **No Shows and Late Cancellations:** Any scheduled range/training facility not occupied or cancelling a facility less than five days constitutes a "No Show". The range staff will enforce this policy IAW the TSAE "No Show SOP", dated 08 August 2012. After the three No Shows, an MFR signed by the BN Commander stating why the facilities were not used, or cancelled properly is required.

ANNEX A - Small Arms Range Standard Operating Procedures (SOP)

PURPOSE: To prescribe the policies and procedures for the Small Arms Ranges at Wackernheim to specify safe operating instructions for the range complex.

1. General.

a. The Wackernheim Small Arms Ranges operates under the general supervision of the Wiesbaden Training Support Center (TSC) Manager on Clay Kaserne. The on-site operators takes care of day-to-day operations independently.

b. The Wackernheim Small Arms Ranges (also called Wackernheim Regional Range Complex and/or Wackernheim Ranges) are located at grid coordinates MA 375345, which is near the village of Wackernheim. These facilities are available to all military units.

c. All units/personnel using these facilities will become familiar and comply with this SOP. Unless specified in this SOP, training will be conducted IAW applicable FMs and TMs

d. Firing authorized Monday through Saturday (except German/American holidays).

2. Facility Location and Description.

a. Wackernheim Regional Range Complex (WRRRC)

b. Description: The following ranges for your disposal:

1) **Ranges: 1, 2, and 5:** Three 25 meter multiple purpose ranges. They have ten firing points at a maximum of 25 meters for pistols (i.e., cal. 45 and .38 or 9mm) and rifles (i.e. M4 and M16). Alternatively, you can fire the M249 Squad Automatic Weapon (SAW) zero and 10-meter qualifications or the MP5 9mm Machine Pistol at 15 or 25 meters with a maximum of 3 firing points for the machine guns. **NOTE:** Only Military Police will be allowed to fire the MP qualification tables IAW ST-19 LEWTAQ.

Tracer fire is not authorized while utilizing the 25-meter ranges

2) **Range 3:** Inactive

3) **Range 4:** Two lane Combat Pistol Qualification Course (CPQC).

4) **Range 6:** 300-meter KD (Known Distance) range for firing 5.56mm and 7.62mm rifle (semiautomatic only). There are 10 firing points at 100, 200 and 300 meters. Three firing points are available for AT-4 9mm Sub-Cal firing. (See Annex E)

(Only one OIC is required to operate ranges 1 - 4 or 5 - 6, but each range will have a RSO)

c. After Duty Operating Hours: Any unit wishing to fire beyond 1600 hours must submit a memorandum signed by the battalion commander (O-5 and above or O-4 with

assumption of command orders) requesting the training dates and the time of completion of training (clearing of range by Range Control). **This memorandum MUST be at the Wiesbaden Range Control NLT four (4) weeks prior to training.**

3. Mandatory Cease Fire Times (with Time Extension Memo):

a. Firing may be conducted Monday through Friday, except German and American holidays.

b. **Day firing:** 0800-1630 hours. Last round will be down range by 1600. Units will clear the complex by 1630.

c. **Extended firing:** Is authorized from 1630-2200 hours with an exception to policy. No training will be conducted between 2200 and 0700 hours. NOTE: Due to the lack of darkness, you can conduct limited visibility firing between the end of day-light-savings time, approximately 1 November, and the beginning of day-light-savings time, (Usually the last weekend of March).

Again, No tracer firing allowed on Ranges 1, 2, and 5

d. **Saturday firing:** is authorized on a "case by case" basis. If Saturday firing is requested it must be approved at least four weeks in advance by the TSC Manager.

4. Maximum Throughput: According to TC 25-8 the maximum throughput (Calculated based on 8 hours a day) of the ranges as follows:

a. 25-meter Ranges: 160 Soldiers per day per range.

b. CPQC Range: 64 Soldiers per day.

c. 300-meter Range: 160 Soldiers per day using 10 firing points.

5. Authorized Weapons:

a. Rifles. 5.56mm M16A1, M16A2, M16A4 and M4.

b. Machine Gun. 5.56mm M249 Squad Assault Weapon (firing of 7-8 round bursts are authorized for three lanes max at the 10-meter line of the 25-meter ranges).

c. Pistols. .45 and 38 caliber, or 9mm.

d. AT-4 Sub-Cal Trainer.

6. Responsibilities.

a. Officer in Charge (OIC):

1) The OIC of the firing range or training facility will either be a Commissioned, Warrant or Senior Noncommissioned Officer (SFC or above or a SSG in an authorized SFC position).

2) The OIC will be certified in writing by the unit Commander (O5 or above) and will have been briefed by TSC range staff prior to assuming duties as OIC. This certification will clearly state that the OIC is ready to perform his or her duties at the range or training facility being utilized. He/She will also become familiar with the range's SOP and will strictly adhere to the requirements of the SOP during the execution of training.

3) The OIC must attend a Range Orientation Briefing given by TSC range personnel prior to occupying any range or training area. This briefing will at a minimum, consist of all the range/training facility's characteristics, safety considerations, risk factors and any additional restrictions or limitations that the facility has. The briefing will be documented and will be maintained on file by the TSC range personnel.

4) During the course of training period, the OIC will not have any other duties and will remain on the range/training facility until the completion of training without taking part in any training.

5) The OIC is responsible for the following:

- (a) Must be certified on the weapon system for which they are responsible.
- (b) Coordinate with Range Control for range usage.
- (c) Has in his/her possession a copy of the Range SOP.
- (d) Ensure prescribed guard requirements and the necessary safety personnel, communications, medical personnel, evacuation vehicle, the range flag is posted, and that the danger area is clear.
- (e) Ensure that the correct ammunition is utilized. Note: Strictly adheres to all restrictions to include no tracer firing on 25-meter ranges.
- (f) Inspect facilities before and after firing.
- (g) Maintain communication with Range Control as well as reports all serious incidents or injuries to the Range Control and immediately place the range in a "DRY" status should this occur.
- (h) Ensure that there is no automatic firing, cross firing, or firing from the hip conducted during the course of training. Also ensure that all weapons are pointed downrange and that training/firing is stopped during poor visibility, hang fires, misfires or other weapons malfunctions.
- (i) Maintain a DA Form 1594 and reporting packet to include personnel status, references, appropriate manuals, and training outlines and wet/dry time authorizations.
- (j) Ensure that the RSO is physically present on the assigned range. The RSO has given a safety briefing to all personnel prior to commencing training. Request permission from Range Control to place the range/training facility in a "WET" status.
- (k) Determine when it is safe to fire IAW applicable regulations and SOPs.
- (l) Ensure the overall safe conduct of training and the proper use of the training complex.
- (m) Ensure receipt of final clearance to fire has been issued by Range Control.
- (n) Implement risk management in all phases of the training events.
- (o) Contact Range Control if conducting an OIC or RSO changeover.

(p) Ensure ammunition and explosives are properly handled, transported, stored, and accounted for within the training complex from the time of receipt to the time of expenditure or turn in.

(q) Ensure that each Soldier is carrying hearing protection and are worn when live fire is being conducted or while Soldiers are in the noise hazard area.

(r) Ensure all ammunition malfunctions and accidents are reported to range control in accordance with [AR 75-1](#) and [AR 385-40](#).

(s) Ensure proper supervision of personnel performing misfire, hang fire and cook off procedures.

(u) Ensure that the range is maintained in a high state of police.

(v) Ensure no POVs are parked from the road leading to the range complex, to include, parking lot, along the fence-line and trail next to the range and beyond the gate of the Wackernheim Range Complex.

(w) At the completion of training inspects the range and properly clears the range/training facility with the TSC range staff.

(x) Ensure every Soldier clears their weapon at each of the clearing barrels on the range complex.

y) Ensure and maintain two means of communication with Range control. The two means of communication are:

- Hand Held radio (Issued at Range Control)
- A runner

b. **Range Safety Officer (RSO):** The RSO of the firing range or training facility will either be a Commissioned, Warrant, or Noncommissioned Officer, SSG or above, or a SGT in an authorized SSG position.

The Battalion Commander must certify in writing that RSO is ready to perform his or her duties (IAW AR 385-63). The RSO is the representative of the OIC of the Range for the enforcement of all safety requirements and must attend a Range Orientation Briefing given by TSC range personnel a minimum of 48 hours prior to occupying any range/training facility. This briefing will at a minimum, consist of all the range/training facility's characteristics, safety considerations, risk factors and any additional restrictions or limitations related to the range/training facility. The briefing will be documented in writing and maintained on file by the range staff until all training has been completed and the range/training facility has been properly cleared by the training unit. The RSO will have no other duties while performing his/her duties (the RSO cannot be the OIC). The RSO is responsible for the following tasks:

(1) Weapon system qualified.

(2) The RSO has in his/her possession a copy of the TSC SOP and ensures all range personnel are familiar with it.

(3) Ensure that all safety requirements and regulations are complied with, both the TSC Range SOP along with ARs and other appropriate training and field manuals related to the weapons being used.

(4) Primary Safety official on the range and is responsible for ensuring that all training is conducted in a safe manner.

(5) Responsible for conducting a safety briefing prior to training.

(6) Ensure that all Assistant Safety Officers (ASO) are properly briefed and adequately trained to perform their duties.

(7) Ensure the down range area is clear and the range flag is posted.

(8) Ensure that no individuals or vehicles move forward of the firing lines unless specifically directed by the OIC.

(9) The RSO ensures that proper accountability is maintained for all ammunition on the range and only the appropriate type of ammunition is fired on the range (No tracers on 25M ranges).

(10) The RSO automatically cease-fires the range if any rounds leave the range safety limits.

(11) The RSO will also cease-fire the range whenever any safety violation is observed. The RSO ensures that all training personnel know that anyone on the range can announce a cease-fire whenever an unsafe act occurs.

(12) Physically verifies upon completion of firing that all weapons are properly cleared (using clearing barrel) and safe before firers leave the firing line.

c. **Assistant Safety Officers (ASO): (Non Rank/position)** do not require certification from the Battalion Commander. However, the RSO is responsible for ensuring that ASOs are ready to perform their duties at the range/training facility (IAW AR 385-63). The ASO works closely with the RSO to ensure the range/training area is operated in a safe manner. The ASO will have no other duties while acting in this capacity and is responsible for the following tasks:

(1) An ASO is required for every three (3) pistol/rifle lanes during day. For night fire, one ASO per two (2) rifle lanes is required. Note: ASOs are required for each machine gun firing lane.

(2) The ASO must monitor training to ensure **NO UNSAFE ACTS** occur to include monitoring that rounds land within safety limits. The ASO will also ensure that all weapons are properly cleared after firing.

e. **Radio Transmitter Operator (RTO):** The RSO sets up, operates, and maintains communication equipment to include radios, telephone, bullhorn, or public address system if needed.

f. **Ammunition Point NCO (Rank SPC or above):** The Ammo Point NCO is responsible for the breakdown, safety, and issue of all ammunition being used by the firing unit. He/she will enforce the no smoking orders around the ammo point and keep a ten-pound fire extinguisher at the ammo point. He/She will maintain a running count

of all ammunition issued/returned at the ammo point and ensure a DA Form 5515 is present. In addition, he/she also ensures that all tracers have been removed from ammunition point prior to firing on 25-meter ranges.

g. **Range Detail:** Range detail works directly for the NCOIC of the range and is responsible for ensuring targets are properly in place prior to training. They assist in the distribution of ammunition and repair / replace targets as necessary during the course of training. The Range Detail performs all other duties as required/assigned by the Range NCOIC and OIC.

h. **Medical Personnel:** Medical personnel must be a qualified medic or combat lifesavers. If combat lifesavers are used they must have been certified within the past 12 months and have proper documentation on file regarding the certification/training. This memorandum must be turned in to Wiesbaden Range Control prior to the unit occupying the range. The Medic or Combat Lifesaver will have an aid bag and litter. Medics must have a Geneva Convention Card present with them.

i. **Range Guard:** Range guards may be any Soldier who is assigned to the unit using the range. He/she is responsible for limiting access to the range complex and for reporting any unsafe acts in accordance with SOP. This Soldier will receive a briefing by the range OIC and will be properly relieved when required to take his/her place in the firing order. Each guard post will have radio or field telephone communication with the Sergeant of the Guard. All range guards are required to wear a road guard vest while performing their duties. The range guard will ensure that no unauthorized personnel enter the Range Complex area.

7. Range Operations Terms.

a. **Firing Line:** The line from which weapons are fired. No one is allowed forward of the firing line except as cited in the regulation.

b. **Target Area:** The part of the range where the target mechanisms are located and where weapons are aimed and fired. This area can consist of the following:

(1) Impact Area: Location between the limits of the surface danger area.

(2) Ricochet Area: The area between the impact area and the area, which parallels the line of fire and is provided to contain ricochet projectiles.

c. **Wet Range:** The status of a range after Range Control has given permission to the OIC for training/firing to begin.

d. **Dry Range:** The status of a range after Range Control placed the range in a cease fire. This can either occur at the request of the OIC at the conclusion of training or by Range Control if they inspect the range and determine that the firing unit has violated the SOP, performed an unsafe act or reported a serious incident on the range/training facility.

e. **Firing Position:** The location on the range where weapons are to be fired.

f. **De-certification:** Action taken to remove OICs, NCOICs or RSOs authorization to operate a range after a violation of the SOP or safety regulations has occurred. De-certification is for a minimum of one year.

8. Procedures.

a. All accidents or serious incidents must be reported immediately to the TSC range staff. The TSC range staff will, depending on the situation, place the range in a dry status and take the necessary actions to resolve the issue (first aid, MEDEVAC, notification of Military Police etc). The range control staff will prepare a Commanders Critical Incident Report (CCIR) and forward it to the TSC. The TSC will review the CCIR, gather any additional information and submit the CCIR to the RTSC who will forward it to TSAE Operations who will forward the report to the DOT for review and information.

b. Any round or ricochet impacting outside the safety limits, ammunition or weapon malfunctions resulting the death or injury to personnel or damaging equipment, ammunition malfunction, vehicle accident, or any unsafe act will be reported as a CCIR following the procedures outlined above.

c. CCIRs will be reported immediately on the same date of the incident.

9. Medical Evacuation (MEDEVAC).

a. All units will have a dedicated vehicle to serve as an ambulance. This vehicle will be marked with red crosses on all four sides and be crewed by trained medical personnel or combat lifesavers. A properly crewed and marked vehicle will be stationed at all ranges/training facilities being utilized by the training unit.

b. TSC ranges are not equipped with helipads. Therefore, aerial MEDEVAC is an extreme situation. In these extreme situations, the OIC will determine if aerial evacuation is required. The OIC must know all the proper procedures for accomplishing an aerial MEDEVAC. Units requesting aerial MEDEVAC must provide the following to the TSC range personnel:

- (1) Location of the injured person/personnel along with a eight digits coordinate.
- (2) Type of injury sustained.
- (3) Number of casualties.
- (4) Special medical equipment being utilized.
- (5) Weather conditions at the location.
- (6) Name of person/persons being evacuated.
- (7) Name and unit of person requesting mission.
- (8) Location of Landing Zone (LZ).

c. The unit will immediately prepare and submit an SIR to the TSC range personnel regarding the medevac.

10. Firing Procedures.

a. Prior to conducting live fire training the training unit will designate an OIC, RSO and NCOIC who will responsible for the safe conduct of training and proper use of the

range/training facilities IAW AR 385-63, Range Safety. There is a minimum requirement of one Range Safety Officer per range in operation. Having an RSO does not relieve the OIC of overall responsibility for the safe conduct of training on the range.

b. The following is the minimum requirement for OIC and RSO:

TYPE OF FIRING OPERATION	OIC (Note 1)	RSO (Note 2)
Practice hand grenades; sub-caliber training devices; laser devices; firing devices; simulators and trip flares; small arms and machine guns.	OFF/WO/E6	OFF/WO/E5
Chemical agents and smoke	OFF/WO/E6	OFF/WO/E5
Grenade launchers and demolitions	OFF/WO/E7	OFF/WO/E6

NOTE 1: Civilians in the grade of general schedule (GS)-07 and above, or equivalent, may act as OIC; GS-05 and above, or equivalent, may act as RSO.

NOTE 2: OIC and RSO must be CBRN qualified when conducting CBRN or smoke training.

11. Fire Fighting Procedures.

a. **FIRE CONTROL:** In case of fire, the unit will sound the alarm and take immediate action to control the fire. The unit will then immediately notify the local fire department IAW TSC location instructions.

(1) The OIC/NCOIC will ensure that all fire prevention practices are observed. Fire fighting teams will be designated by the OIC/NCOIC to ensure that in the event of a fire appropriate steps can be taken to contain the fire. Once the fire department is on site the OIC/NCOIC will disengage the fire fighting teams and leave the area so the fire department can extinguish the fire.

(2) Personnel serving on a fire fighting teams will not carry weapons or ammunition of any type. If a fire does occur, the OIC/NCOIC and the Ammo Point NCO will ensure that all ammunition is moved a safe distance from the scene of the fire. The OIC/NCOIC will ensure that appropriate fire-fighting equipment is on hand is serviceable.

b. Equipment.

As a minimum, the following fire fighting equipment must be present and serviceable:

- (1) One fire extinguisher (BC) or water based.
- (2) Two buckets
- (3) Two five-gallon jugs of water
- (4) Two shovels and two rakes

12. Range Operation Requirements.

a. Communication Requirements.

(1) All range operations require two independent forms of communication (landline, cell phone, etc...). The OIC is responsible for maintaining communications between the range/training facility and the Range Control. No training can commence until communication is established. Should communications be lost the OIC will place the range/facility into a "dry" status and make every effort to re-establish communications.

(2) If communications is lost with the training unit will immediately attempt to re-establish communications or send a person to range control to re-establish communications. **No training can commence until communications has been re-established with Range Control.**

(3) One source of communication will be designated as the primary and one will be designated as the alternate. The alternate communication will be available in the event of primary communication failure.

(4) Once required communications are established and maintained. We require the following radio checks:

- (a) Occupation
- (b) Request Wet Time and report First round downrange
- (c) Any change of OIC/RSO
- (d) Any emergencies
- (e) Request Dry Time and report Last round downrange

(5) All communication checks will be annotated on the 1594 log and on the firing desk journal within RFMSS.

(6) All training will cease if the unit fails to maintain the required communications with Range Control as outlined above.

(7) Emergency contact numbers are provided on the last page of this SOP.

a. General Requirements.

(1) TSC ranges are not designed to support full automatic firing of machine guns. There will be no M16/M4 automatic firing on 25 meter or KD ranges. M249 automatic firing is allowed on 25-meter ranges at the 10 meter to comply with qualification standards. However, no tracers will be fired on any 25-meter ranges within USAREUR unless prior coordination is made with the TSC and waivers are granted. There will be no cross firing or firing from the hip on any range. If a firing unit violates these restrictions, the unit will be placed in a "dry" status and the OIC will be decertified. The unit will remain in a "dry" status until a new OIC can be assigned.

(2) There is no smoking on any range/training facility except in designated smoking locations.

(3) All weapons will remain cleared and carried at the low ready at all times until ordered to otherwise by the OIC.

(4) Firing is only allowed at the authorized targets in downrange area. Firing at unauthorized targets is strictly prohibited. If a unit violates the restriction it will be placed in a “dry” status and the OIC will be decertified. The unit will remain in a “dry” status until a new OIC can be assigned.

(5) TSCs have established firing times for all ranges. The OIC will be familiar with the firing times and will follow them. Weapon firing is prohibited during times of limited visibility or darkness. Night fire is allowed where authorized.

(6) Vehicles and personnel are prohibited from crossing the firing line while the range is “wet” except on those ranges/training facilities certified to conduct convoy live fire training.

(7) Range flag must be raised on the range and gate guard posted before the OIC may request to go into a “wet” status and begin training.

(8) Firing at wildlife is strictly prohibited. If a unit violates the restriction it will be placed in a “dry” status and the OIC will be decertified. The unit will remain in a “dry” status until a new OIC can be assigned.

(9) Hearing protection will be worn at all times during live firing.

(10) The ammunition points must have at a minimum one (1) Ammo NCO who is familiar with the weapon/ammunition being used. Two operational fire extinguishers (10-pound BC or better) and a clearly visible no smoking sign posted at the ammo point.

(11) Only military vehicles are authorized on the range and no POVs are allowed on the range.

(12) Units are responsible for maintaining the range/training facility and properly clearing the range/training facility at the conclusion of training.

(13) Firing units will at a minimum:

- (a) Police target and firing pits.
- (b) Police the firing lines.
- (c) Police the LTA, parking areas, target buildings, and classrooms utilized.
- (d) The firing unit is responsible to remove and dispose of all brass, ammunition and packing materials.
- (f) The unit is also responsible to rake the firing line and the bullet catches.

NOTE: Units who simply leave a range are still responsible for clearing the range. The TSC will contact the unit to inform them that the range/training facility was not properly cleared and arrange for the unit to return and properly clear the facility. If a unit refuses to comply, the OIC will be decertified.

(14) The OIC and the RSO are responsible for the handling of all ammunition malfunctions.

(15) All firing will be conducted on the range/training facility IAW the TMs and FMs covering the weapons being fired. Only authorized weapons will be fired on the range/training facility. The OIC and RSO will become familiar with the TSC's Range SOP, which will list those weapons authorized for firing on the ranges within their AOR, and any restrictions that may apply.

(16) USAREUR REG 735-235 and DA PAM 710-2-1, Authorized Ammunition and Control, establishes the responsibilities and procedures for the turn-in of training ammunition. AR 535-235 authorizes the turn-in on a "no questions asked basis" of "serviceable recovered ammunition". Range OIC will ensure that accurate data on the following is maintained:

- (a) Quantity of the ammunition received by caliber/type.
- (b) Quantity expended by caliber/type.
- (c) Amount returned to issuing ammunition storage point by caliber/type.
- (d) Points of contact for issuance/turn-in of all ammunition items (i.e. S4, BN Ammunition NCO).

(17) Accident Notification and Request Procedures:

(a) Non Life-Threatening Injuries – Place range into a "dry" status. Notify Range Control. Medic/Combat Lifesaver provides first aid. Evacuate patient to dispensary (if necessary). Request "wet" status from Range Control.

(b) Life Threatening/Loss of Limb Injuries – Place range into a "dry" status. Notify Range Control. Range Control calls for an ambulance. Medic/Combat Lifesaver provides first aid to injured Soldier. Injured Soldier is evacuated to nearest hospital.

(c) When reporting injuries to Range Control the OIC needs to have the following information:

(d) Name, Unit, and number of patients.
(e) Patient Category: "Urgent" - loss of life or limb within four hours.
"Priority" - Loss of life or limb within 24 hours and "Routine"-No threat of loss of life or limb.

- (f) Type of injury/illness.
- (g) Description of what happened in the standard CCIR report format.

13. **Safety Briefing Outline**

SMALL ARMS RANGE SAFETY BRIEFING M16 / M4 RIFLE RANGE

The first priority of this range is training, but safety must be at the forefront of the training program. At a minimum, the safety program will include the following:

- The two candy-striped poles, located on the far right and far left (point to them), are the range left and right limits. Firers never fire or point their rifles outside the limits of these poles.
- ALWAYS listen to and follow ALL commands given by the Range Official. If you cannot hear the commands given by the Range Official, notify your scorer, coach, or lane safety.
- When you are off the firing line, the selector lever of your weapon will be on SAFE, the bolt locked to the rear, and dust cover open. (Demonstrate this)
- Firers will ALWAYS enter and exit the firing lane at the base of Ammo point.
- Before occupying the firing positions, inspect the positions for harmful animals and insects. (Some ranges may not require this)
- ALWAYS carry weapons at the low ready. The finger will not be placed within the trigger housing area. (Demonstrate)
- When on the firing line, lock the bolt to the rear and place the rifle on safe.
- Smoke only in designated smoking areas. (Show Soldiers where this is.)
- You will not eat or drink on the firing line unless the tower operator permits you to drink from your canteen. Drink water often to prevent dehydration.
- NEVER touch your rifle while personnel are downrange or in front of the firing line.
- NEVER load a magazine into your rifle until you receive the command to do so from the tower operator.
- ALWAYS wear hearing protection while firing or within 25 meters of the firing line.
- Overflights: If an overflight of an aircraft or glider is observed immediately call "Cease Fire". Once the airspace is clear, inform the OIC and he/she will contact Range Control.
- NEVER leave the firing line until a safety NCO has rodded your weapon.
- NEVER point the rifle at anyone. Treat the weapon as if it is loaded at all times, even in the designated break areas.
- ANYONE observing an unsafe act will immediately call "CEASE-FIRE", place his/her rifle on SAFE, lay it in the sandbags, then give both hand and arm visual signals for cease-fire. (Demonstrate to Soldiers and then have Soldiers demonstrate this to you.)
- Once cleared off the firing line, firers report immediately to the ammunition point and turn in all ammunition and expended brass.
- NOBODY will leave the range until they have been inspected for possession of brass or ammunition.
- Firers will report to the base of the control tower to receive their score. Firers must remember their firing lane number and firing order to ensure you receive the correct score sheet. This is the Firers responsibility.
- Horseplay is not allowed at any time on the range.
- Are there any questions at this time?

NOTE: Tracer ammunitions are not authorized for fire at any of the Wiesbaden 25 Meter Ranges IAW 7th US Army ATC directive dated 15 Mar 05. (SEE ANNEX: B)

SMALL ARMS RANGE INSPECTION CHECKLIST

DATE: _____	RANGE/FACILITY: _____
	All personnel are in proper uniform.
	All personnel have been given a safety briefing prior to firing.
	Medical vehicle is properly loaded and individual equipment is secured in accordance with the load plan and marked with four (4) red crosses (front, rear and both sides).
	Medical vehicle operator has proper license and the rear of the vehicle is free of space to put an internal litter and medical supplies.
	Aid bag and an internal litter is available and ready for use
	Ensure a medic/ certified combat lifesaver is on site. (If a combat lifesaver is on site ensure the unit has required memo signed by an O-5 or above or an O-4 w/assumption of CMD orders)
	Ensure the medics have a strip map to the nearest medical facility (on and off post) and know how to get there.
	All the equipment the unit signed for is present on the range (red flag, fire extinguishers, safety paddles, staple gun, road guard vests, rakes, brooms, range sop book and data card).
	Ensure the 1594 (Daily Journal) is filled properly.
	Ensure the OIC, NCOIC and RSO are present on the range and easily identified.
	Ensure there is one Lane Safety per three lanes / one Lane Safety per two lanes at night
	Ensure the road guards are in proper place and know their duties
	Ensure there are no POVs parked within the Range Complex.
	Ensure there is a 10-pound ABC Fire Extinguisher at every ammo point
	Ammo point NCO is doing a running count of all ammunitions on hand and has a DA Form 5515 present.
	Ensure no tracers are being utilized at the 25-meter ranges. (SEE ANNEX: B)
	Ensure the road guards and the OIC/SOG maintain communication.
	Ensure the range boundaries are marked properly at night.
	Ensure the OIC/NCOIC is aware of mandatory cease-fire time.
	Ensure the OIC/NCOIC is aware of emergency procedures and has a list of point of contact with phone numbers.
	Ensure the range is maintained in a high state of police at all time. (if firing M249 SAW / M240 MG) Ensure firing is conducted at 10M line and only three lanes are utilized
_____ OIC/NCOIC Name/Rank	_____ SIGNATURE
_____ RANGE REPRESENTATIVE	_____ SIGNATURE

Annex B - TRACER RESTRICTION ON USAREUR 25 METER RANGES

1. General. This annex prescribes NO tracers are authorized to be fired on all USAREUR 25-meter ranges. These restrictions apply to all weapons, and are not subject to waiver. These safety restrictions apply to all individuals using USAREUR 25-meter ranges.

2. References.

- a. AR 350-1, Army Training and Leader Development;
- b. UR 350-1, Training in USAREUR;
- c. DA PAM 350-38, Standards in Weapons Training (STRAC);
- d. FM 3-22.9, Rifle Marksmanship M16A1, M16A2/A3, M16A4, and M4 Carbine,
- e. FM 3-22.68, Machine Gun Marksmanship Training.

3. Responsibilities and Procedures. IAW the reference above, night qualification firing is required to ensure Soldier proficiency with individual assigned and crew-served weapons. DA PAM 350-38 allocates tracer ammunition to conduct night qualification firing for M16-series and M4 Carbine weapons. FM 3-22.9, Chapter 7, Para 7-17 states that night qualification firing will be accomplished on a range of 50 meters utilizing a pop up target. FM 3-22.68, Chapter 4, Para 4-40 states that night qualification firing for the M249 MG must be accomplished on a transition range or a multipurpose machine gun range.

a. Effective immediately, no tracer firing is allowed on any 25-meter range in USAREUR. All night qualification firing must be conducted on one of the following.

- (1) Modified Record Fire Range (MRFR)
- (2) Automated Record Fire Range (ARFR)
- (3) From the 50-meter line on a 300 meter Known Distance (KD) range
- (4) Transition Range or Multipurpose Machine Gun Range for M249 MG

b. All range and safety briefings conducted by TSC range personnel to firing unit Officers in Charge (OIC), Non-Commissioned Officers in Charge (NCOIC) and Range Safety Officers (RSO) will include the prohibition of tracer firing on 25-meter ranges.

c. TSC range certifications for OICs, NCOICs and RSOs will include and reflect the restriction of no tracer firing allowed on 25-meter ranges.

d. TSC range personnel will inspect the firing unit's ammunition prior to the start of training to ensure there are no tracer rounds. Once training commences, TSC range personnel will inspect the firing unit periodically to ensure that the firing unit complies with the restriction of no tracer firing on 25-meter ranges. If a unit is found not in compliance, the training unit will be immediately placed in a cease-fire status and the OIC will be decertified.

e. During the unit inspection and signing for the range, TSC range personnel will ensure that appropriate documentation is obtained from the OIC, NCOIC and RSO acknowledging that they all were briefed and understand the restriction of no tracer firing on 25 meter ranges prior to the start of training.

DEPARTMENT OF THE ARMY
HEADQUARTERS, SEVENTH ARMY TRAINING COMMAND
TRAINING SUPPORT ACTIVITY, EUROPE
UNIT 28130
APO AE 09114

AEAGC-TD-TSAE

15 Mar 2005

MEMORANDUM FOR TSAE Branch Chiefs

SUBJECT: M16/M4 Night Qualification and Tracer Restriction on 25 Meter Ranges

1. References: AR 350-1, Army Training and Leader Development; UR 350-1, Training in USAREUR; DA PAM 350-38, Standards in Weapons Training (STRAC); FM 3-22.9, Rifle Marksmanship M16A1, M16A2/A3, M16A4, and M4 Carbine, FM 3-22.68, Machine Gun Marksmanship Training.
2. IAW the reference above, night qualification firing is required to ensure Soldier proficiency with individual assigned and crew-served weapons.
3. DA PAM 350-38 allocates tracer ammunition to conduct night qualification firing for M16-series and M4 Carbine weapons. FM 3-22.9, Chapter 7, Para 7-17 states that night qualification firing will be accomplished on a range of 50 meters utilizing a pop up target. FM 3-22.68, Chapter 4, Para 4-40 states that night qualification firing for the M249 MG must be accomplished on a transition range or a multipurpose machine gun range.
4. Effective immediately, no tracer firing is allowed on any 25-meter range in USAREUR. All night qualification firing must be conducted on one of the following.
 - a. Modified Record Fire Range (MRFR),
 - b. Automated Record Fire Range (ARFR),
 - c. From the 50-meter line on a 300-meter Known Distance (KD) range;
 - d. Transition Range or Multipurpose Machine Gun Range for M249 MG.
5. Regional Training Support Centers (RTSC) will implement the following procedures at all small arms ranges in their area of responsibility immediately to enforce the prohibition of no tracer firing on 25-meter range outlined above:

- a. RTSC and TSCs will ensure that all range SOPs are updated immediately to reflect the prohibition of tracer firing on 25-meter ranges. RTSCs will collect and consolidate the updated SOPs for their region and forward them to the TSAE RTLP Manager where they will be reviewed and kept on file.
- b. Effective immediately all range and safety briefings conducted by TSC range personnel to firing unit Officers in Charge (OIC), Non-Commissioned Officers in Charge (NCOIC) and Range Safety Officers (RSO) will include the prohibition of tracer firing on 25-meter ranges.
- c. All TSC range certifications for OICs, NCOICs and RSOs will include and reflect the restriction of no tracer firing allowed on 25-meter ranges.
- d. TSC range personnel will inspect the firing unit's ammunition prior to the start of training to ensure there are no tracer rounds.
- e. When the firing unit signs for the range prior to the start of training, TSC range personnel will ensure that appropriate documentation is obtained from the OIC, NCOIC or RSO acknowledging that they were briefed and understand the restriction of no tracer firing on 25 meter ranges.
- f. Once training commences, TSC range personnel will inspect the firing unit periodically to ensure that the firing unit complies with the restriction of no tracer firing on 25-meter ranges. If a unit is found not in compliance, the training unit will be immediately placed in a cease-fire status and the OIC will be decertified.
- g. The RTSC will ensure that all 25-meter ranges located in their area of responsibility have warning signs installed at the entrance to every 25-meter range stating "No Tracer Firing Allowed on this Range."

6. The point of contact for this memorandum is Mr. Scott Maring, USAREUR RTLP Manager, DSN 475-6731, email duwain.s.maring.civ@mail.mil.

//Original Signed //
ROBERT C. CLAFLIN
Director, Training Support Activity
Europe

ANNEX C - Close Quarters Marksmanship (CQM) training and Team Live Fire Exercise

1. **Introduction.** This SOP applies to all units conducting Close Quarters Marksmanship (CQM) at the Wackernheim Range Complex. Units will adhere to Annex A, Small Arms Range Standard Operating Procedures (SOP) and this SOP is mandatory while conducting CQM training.

2. References.

- a. FM 3-22.9, M16-M4 Rifle Marksmanship
- b. RTC 350-1-2, 75th Ranger Regiment Training Circular

3. **Purpose.** Provide guidelines, policies, and procedures for the conduct of Close Quarters Marksmanship training at the Wackernheim Range Complex ranges 1 or 2.

a. Training units will follow the tasks listed below:

(1) Conduct Preliminary Marksmanship Instruction (PMI) on CQM IAW the above manuals.

(2) Conduct necessary dry-fire exercises prior to live-fire.

(3) Conduct day and night familiarization fires.

NOTE: It is recommended for units to conduct task 2 and 3 using blanks firing on the range complex for familiarization/ refresher purposes.

(4) Conduct qualification.

(5) Conduct individual combat scenario exercise.

3. Policy.

a. Tables:

(1) 1 Safety NCO (SNCO) per firer when conducting all tables- *** note- essential that range safety personnel continuously observe firers for unsafe acts.** Safety NCO (SNCO) will ensure the proper firing techniques are maintained by the firer. In the event any erratic shots are made (i.e. firing into the ground or wood facings), the SNCO will stop the firer and have him/her return for remedial training. The firer will not conduct live fire training until he/she has mastered the skills to conduct CQM.

(2) No firing closer than 10 meters

(3) Ranges 1, 2 and 5 can support up to 5 firers at a time when conducting Tables 1-2.

(4) Wearing of ballistic eyewear is mandatory during all portion live fire.

(5) Soldiers must be in uniform according to unit SOP at all times while on range complex. Body armor must be worn when training is conducted.

(6) Prior to conducting CQM, all Soldiers must be zeroed and qualified on the M16A2/A4 or M4 with which they will be training.

(7) Ensure blank ammunition is kept physically separate from live ammunition.

(8) RSO will physically inspect all weapons to ensure chambers and barrels are cleared prior to conducting blank / live fire, at the end of each firing table, and at completion of blank / live fire.

(9) CQM Night Qualification may be conducted; however, the use of tracer ammunition is unauthorized.

4. Recommendations:

a. Ranges 1 or 2: When conducting Tables 2-5, utilize one 25-meter range for live fire exercises and the second as a remedial facility. Both ranges will not be utilized for CQM live-fire at the same time.

(1) Place targetry on both ranges for both live fire and blank/remedial fire.

5. The following tables list approved procedures and scenarios that may be followed. Any training scenario not shown in these tables must be pre-approved by Range Control prior to operating the range.

- Table 1 - Grouping Exercise
- Table 2 - Day Familiarization Tables of Fire
- Table 3 - Night Familiarization Tables of Fire
- Table 4 - CQM Qualification Table of Fire
- Table 5 - Combat Scenario Table of Fire
- Table 6 - Risk Assessment Example

Table 1- Grouping Exercise

1. Each Soldier will conduct a 20-round grouping exercise prior to beginning familiarization firing to confirm zero of CCO or iron sight.

2. The grouping exercise is executed as follows:
 - a. Soldier is issued 20 rounds of 5.56mm ammunition from the ammunition point.
 - b. Soldier moves to range where he/she is cleared on the range by the range safety.
 - c. Soldier fires three rounds from the prone supported position at the 25-meter line.
 - d. Soldier moves to target to confirm his/her zero.
 - e. Soldier fires additional seven rounds to complete zero from the prone supported position.
 - f. Soldier fires three rounds from standing unsupported position at the 25-meter line.
 - g. Soldier moves to target to inspect grouping of rounds.
 - h. Soldier fires additional seven rounds to complete grouping exercise.
 - i. Soldier is cleared off range-by-range safety personnel.
3. All Soldiers receive a range safety brief prior to moving to a firing position.
4. All movement on the range will be instructed by range safety personnel.
5. Soldiers wear proper gear while on the range, this includes, but not limited to the following:
 - a. IBA
 - b. LBV or LBE
 - c. Kevlar helmet
 - d. Hearing protection
 - e. Eye protection

Table 2 - Day Familiarization Tables of Fires

1. Each Soldier will conduct a 370 round day familiarization fire broken into two tables.
2. Table one consists of –

POSITION	ROUNDS FIRED	DISTANCE	METHOD	TIME STANDARD	LETHAL ZONE HIT STANDARD
STRAIGHT AHEAD	30	15M	CONTROLLED PAIR	NONE	21
LEFT TURN/ RIGHT	30	15M	CONTROLLED PAIR	NONE	21
STRAIGHT AHEAD WALKING	50	15M TO 10M	CONTROLLED PAIR	NONE	35
STRAIGHT AHEAD	30	10M	CONTROLLED PAIR	NONE	21
WALK Laterally to RIGHT	30	10M	CONTROLLED PAIR	NONE	21
WALK Laterally to LEFT	30	10M	CONTROLLED PAIR	NONE	21

3. Table two consists of:

POSITION	ROUNDS FIRED	DISTANCE	METHOD	TIME STANDARD	LETHAL ZONE HIT STANDARD
STRAIGHT AHEAD	30	10M	CONTROLLED PAIR	NONE	21
RIGHT TURN/ LEFT	30	10M	CONTROLLED PAIR	NONE	21
STRAIGHT AHEAD WALKING	50	15M TO 10M	CONTROLLED PAIR	NONE	35
WALK-STOP-TURN	30	15M TO 10M	CONTROLLED PAIR	NONE	21
RUN-STOP-SHOOT	30	20M TO 10M	CONTROLLED PAIR	NONE	21

4. All Soldiers receive a range safety brief prior to moving to a firing position.

5. All movement on the range will be instructed by range safety personnel.

6. Range layout as follows:

a. The 20, 15, and 10-meter firing lines are marked with white engineer tape staked to the ground with each line parallel to the targets.

b. All positions that involve moving as part of the position, the Soldier comes to a halt or is moving perpendicular to the target prior to engaging the appropriate target.

c. A Safety NCO will monitor their Soldier on the firing line ensuring proper actions are conducted.

d. The RSO, or OIC ensures that all firers stay on line during firing iterations.

7. Tables are designed to begin with basic stances, firing, and progress to more advanced stances. All stances fired in both tables, the Soldier has conducted in PMI and dry fire events prior to conducting live fire of the tables.

8. Soldiers wear proper gear while on the range, this includes, but not limited to the following:

- a. IBA
- b. LBV or LBE
- c. Kevlar helmet
- d. Hearing protection
- e. Eye protection

Table 3 - Night Familiarization Tables of Fires

1. Each Soldier will conduct a 210 round night familiarization fire broken into two tables.
2. Table one consists of:

POSITION	ROUNDS FIRED	DISTANCE	METHOD	TIME STANDARD	LETHAL ZONE HIT STANDARD
STRAIGHT AHEAD	18	15M	CONTROLLED PAIR	NONE	13
LEFT TURN/ RIGHT	18	15M	CONTROLLED PAIR	NONE	13
STRAIGHT AHEAD WALKING	24	15M TO 10M	CONTROLLED PAIR	NONE	17
STRAIGHT AHEAD	18	10M	CONTROLLED PAIR	NONE	13
WALK Laterally TO RIGHT	18	10M	CONTROLLED PAIR	NONE	13
WALK Laterally TO LEFT	18	10M	CONTROLLED PAIR	NONE	13

3. Table two consists of:

POSITION	ROUNDS FIRED	DISTANCE	METHOD	TIME STANDARD	LETHAL ZONE HIT STANDARD
STRAIGHT AHEAD	18	10M	CONTROLLED PAIR	NONE	13
RIGHT TURN/ LEFT	18	10M	CONTROLLED PAIR	NONE	13
STRAIGHT AHEAD WALKING	24	15M TO 10M	CONTROLLED PAIR	NONE	17
WALK-STOP-TURN	18	10M TO 15M	CONTROLLED PAIR	NONE	13
RUN-STOP-SHOOT	18	20M TO 10M	CONTROLLED PAIR	NONE	13

4. All Soldiers receive a range safety brief prior to moving to a firing position.
5. All movement on the range will be instructed by range safety personnel.
6. Range layout as follows:
 - a. The 20,15, and 10-meter firing lines are marked with white engineer tape staked to the ground with each line parallel to the targets.
 - b. All positions that involve moving as part of the position, the Soldier comes to a halt or is moving perpendicular to the target prior to engaging the appropriate target.
 - c. A Safety NCO will monitor their Soldier on the firing line ensuring proper actions are conducted.
 - d. The RSO, or OIC ensures that all firers stay on line during firing iterations.

7. Tables are designed to begin with basic stances, firing, and progress to more advanced stances. All Soldiers will conduct dry fire events prior to conducting live fire of the tables.
8. Night familiarization uses range flood lights already installed to allow for backlighting of targetry due to the limited availability of PAQ-4C/ PEQ-2A.
9. Lighting simulates the environment found in MOUT settings where streetlights are still working and personnel must engage targets under other than ideal conditions.
10. Soldiers wear proper gear while on the range, this includes, but not limited to the following:
 - a. IBA
 - b. LBV or LBE
 - c. Kevlar helmet
 - d. Hearing protection
 - e. Eye protection

Table 4 - CQM Qualification Table of Fire

1. Each Soldier conducts a 20-round qualification.
2. Qualification table consists of:

POSITION	ROUNDS FIRED	DISTANCE	METHOD	TIME STANDARD
STRAIGHT AHEAD	2	10M	CONTROLLED PAIR	3 SEC FROM COMMAND
LEFT TURN	2	10M	CONTROLLED PAIR	3 SEC FROM COMMAND
RIGHT TURN	2	15M	CONTROLLED PAIR	3 SEC FROM COMMAND
STRAIGHT AHEAD	2	15M TO 10M	CONTROLLED PAIR	3 SEC FROM COMMAND
STRAIGHT AHEAD WALKING	2	15M TO 10M	CONTROLLED PAIR	3 SEC FROM COMMAND
WALK-STOP-TURN	2	10M TO 15M	CONTROLLED PAIR	3 SEC FROM COMMAND
RUN-STOP-SHOOT	2	20M TO 10M	CONTROLLED PAIR	3 SEC FROM COMMAND
STRAIGHT AHEAD	2	25M	CONTROLLED PAIR	3 SEC FROM COMMAND
WALK Laterally TO RIGHT	2	10M	CONTROLLED PAIR	3 SEC FROM COMMAND
WALK Laterally TO LEFT	2	10M	CONTROLLED PAIR	3 SEC FROM COMMAND

3. All Soldiers receive a range safety brief prior to moving to a firing position.
4. All movement on the range will be instructed by range safety personnel.
5. Range layout as follows:

- a. The 20,15, and 10-meter firing lines are marked with white engineer tape staked to the ground with each line parallel to the targets.
 - b. All positions that involve moving requires the Soldier to come to a halt or moving perpendicular to the target prior to firing at their appropriate target.
 - c. A Safety NCO will monitor their Soldier on the firing line, ensuring proper actions are conducted.
 - d. The RSO or OIC ensures that all firers stay on line during firing iterations.
6. Tables are designed to begin with basic stances, firing, and progress to more advanced stances. From all stances in both tables the Soldier must have conducted a dry fire events prior to conducting live fire.
7. Soldiers wear proper gear while on the range, this includes, but not limited to the following:
- a. IBA
 - b. LBV or LBE
 - c. Kevlar helmet
 - d. Hearing protection
 - e. Eye protection

Table 5 – Combat Scenario Table of Fire

- 1. Each Soldier that successfully qualifies conducts a combat scenario shoot with 30-rounds allocated per iteration.
- 2. Combat table consists of:

POSITION	ROUNDS FIRED	DISTANCE	METHOD
STRAIGHT AHEAD, KNEELING	8	15M	CONTROLLED PAIR
STRAIGHT AHEAD, STANDING	8	10M	CONTROLLED PAIR
STRAIGHT AHEAD, OFF-HAND, STANDING	3	15M	CONTROLLED PAIR
STRAIGHT AHEAD WALKING	11	15M TO 10M	CONTROLLED PAIR

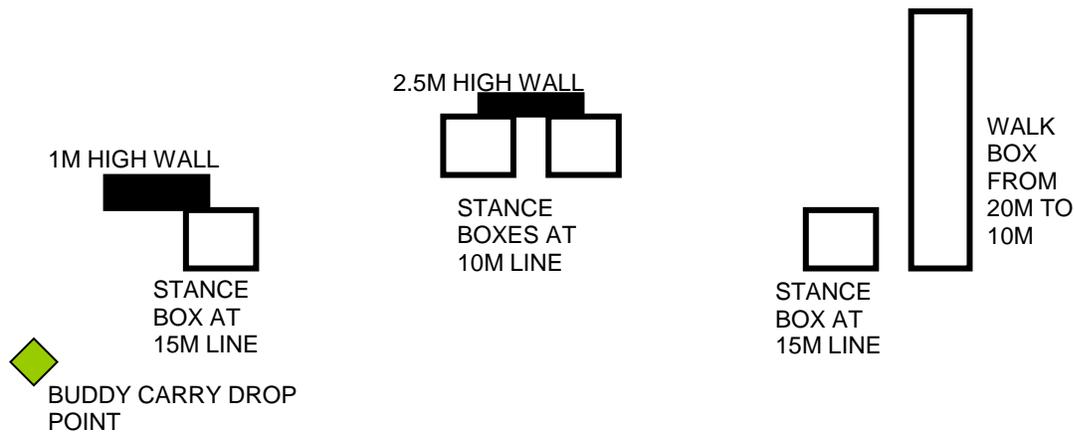
- 3. All Soldiers receive a range safety brief prior to moving to a firing position.
- 4. All movement on the range will be instructed to by range safety personnel.
- 5. Range layout as follows:

Standard Operating Procedures (SOP)
Range Control, Training Support Center (TSC), Wiesbaden

TARGET LINE TARGETS

TARGETS

TARGETS



- a. Soldier begins with a 25-meter buddy carry that terminates at the diamond placed on the ground.
- b. Soldier's rifle will be unloaded and verified cleared by the Safety NCO prior to beginning iteration.
- c. A Safety NCO will monitor individual Soldier throughout exercise, ensuring proper actions are conducted.
- d. Ammunition will be placed in magazines and located at each firing position. Each firing position will only have the number of rounds allotted for that target set.
- e. Soldier will move to stance box, represented with engineer tape on ground, to ensure all rounds are fired with range fans.
- f. Once Soldier arrives inside box, he/she may load weapon and fire at designated targets.
- g. Once Soldier has fired rounds, Safety NCO ensures weapon is clear before Soldier moves to next box.
- h. When Soldier has completed all shooting, Safety NCO ensures weapon is cleared and clears Soldier off the range.

6. Requirements and scoring of scenario:

- a. Time begins when Safety NCO has Soldier begin his/her buddy carry and terminates when all rounds have been fired.
- b. First stance box: Soldier will fire four rounds at each target for eight rounds.
- c. Second stance box: Soldier will fire three rounds at the first target and five rounds at second target.
- d. Third stance box: Soldier will fire three rounds at target.
- e. Moving box: Soldier will fire six rounds at first target and five rounds at second target.
- f. Target scoring will be shot placement inside of the standard M9 target, score will be added together for a total shot score.
- g. Timing score will be in seconds. Upon completion of exercise, the total time plus penalties will be added together for a total time score.
- h. The overall score is figured by dividing the shot score by the time score.

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Range Control, Training Support Center (TSC), Wiesbaden

7. Penalties

- a. 10 seconds: Failure to use cover
- b. 10 seconds: Failure to place weapon on safe
- c. 10 seconds: Failure to clear weapon

8. Soldiers wear proper gear while on the range, this includes, but not limited to the following:

- a. IBA
- b. LBV or LBE
- c. Kevlar helmet
- d. Hearing protection
- e. Eye protection

Table 6 – Risk Assessment Example

A. Receipt of mission or task: Date/Time Group Begin: 18 JAN 05 End: 20 JAN 05		B. Mission or Task: CLOSE QUARTER MARKSMANSHIP			C. DTG prepared: 061500JAN05
D. Risk assessment prepared by: (Rank, last name, duty position, unit)					
E. Task	F. Identify Hazards	Assess Hazards (Risk level for each hazard)	A. Develop Controls (Enter for each hazard)	I. Determine Residual Risks	J. Implement controls (“How To”)
MOVEMENT ON RANGE LOADED WEAPONS WEATHER CONDITIONS HEARING PROTECTION MOVING WHILE FIRING FIRING DURING LIMITED VISIBILITY CLOSE DISTANCE SHOOTING AS	-WET/SLICK CONDICTIONS ACCIDENTAL DISCHARGE MISFIRE/STOPPAGES DEHYDRATION INCLEMENT WEATHER LOUD NOISE FIRING OUTSIDE SDZ FIRING OUTSIDE SDZ RICOCHET OF EXPENDED ROUNDS	M M M L M M M M L	RANGE SAFETY BRIEF/WALK ON RANGE RANGE SAFETY BRIEF/ AMMUNITION LOADING PROCEDURES SAFETIES/ PMI ON MISFIRE PROCEDURES WATER SUPPLIED APPROPRIATE PERSONAL EQUIPMENT PCI/ EXTRA EQUIPMENT SAFETY PERSONNEL, DRY FIRE EXERCISE, DESIGNATED LANES SAFETY PERSONNEL, FLOOD LIGHTS USED , DESIGNATED LANES WEARING OF IBA AND GOGGLES; TARGETS PER RANGE BACKSTOP	L L L L L L L L	ALL PAX ATTEND RANGE SAFETY BRIEF/WALKING ENFORCED ON RANGE ALL PAX ATTEND SAFETY BRIEF/ AMMUNITION ONLY LOADED ON FIRING LINE ALL SOLDIERS ATTEND PMI PRIOR TO RANGE/ SAFETIES ASSIST IN CLEARING MISFIRE CANTEENS FILLED PRIOR TO ARRIVING RANGE/ EXTRA WATER AT RANGE SOLDIERS HAVE APPROPRIATE ATTIRE PER WEATHER CONDITIONS SOLDIERS ARRIVE WITH/ ADDITIONAL PLUGS AT RANGE ONE SAFETY PER TWO FIRERS; LANES MARKED WITH ENGINEER TAPE. ONE SAFETY PER TWO FIRERS; LANES MARKED WITH ENGINEER TAPE. LEADERSHIP ENSURES ALL FIRERS WEAR IBA AND BALLISTIC EYE PROTECTION
A. Determine overall mission/task risk level after controls are implemented (Circle One)					
LOW (L) MODERATE (M) HIGH (H) EXTREMELY HIGH (E)					
L. Determine approval level: (Circle One) L = 1st Level above preparer M=2nd Level above preparer H = Division Commander E = MACOM commander			M. Approval (Rank, Last name, Duty position, Unit, Signature,DTG):		

Note: The proper term is ‘negligent discharges’, not ‘accidental’ discharges.

Team Live Fire Exercise

1. **PURPOSE:** To establish procedures and responsibilities concerning Team Live Fire Exercise.

2. **GENERAL:** Team Live Fire will be conducted using range 6 (300m KD Range) and will consist of 2 firing lanes with 2 Soldiers each starting at the 200m line and moving down range engaging targets from various positions (kneeling, standing, behind cover) while providing cover to his/her partner. The exercise will end when the Soldiers reach the 50m line after completing reflexive fire exercise. The exercise may also include using a static vehicle positioned at the 200m line (see diagram). Wackernheim Range Complex will not provide items need to construct barriers on range 6.

3. **SAFETY:**

a. Team Live Fire incorporates movement into the exercise so safety is of the utmost importance. Soldiers and safety personnel must ensure that muzzle awareness is stressed at all times and that firers know their surroundings, left, right, front, and back at all times during the exercise. Other safety requirements are as follows:

(1) Weapons will be maintained at a 45-degree angle and pointed down at all times when not engaging targets and during movement, fingers will remain outside the trigger well and weapons will be on safe during movement. At no time will a weapon exceed an angle above the firers shoulder level.

(2) Firers will only conduct a magazine change from the kneeling position while behind cover.

(3) The OIC and safeties will move down range with the firing order remaining behind the firers to maintain control. No other personnel will be allowed on the range during firing.

(4) This exercise will only be conducted during day firing, no night firing of this exercise is allowed.

(5) At no time when utilizing a vehicle will they be moving. The vehicles must remain in the static position. Only tactical vehicles will be used.

(6) At no time will firing be conducted closer than the 50-meter line.

4. **CONDUCT OF FIRE:**

a. Listed below is a sequence of events and is intended as a model to conduct the Team Live Fire exercise. The sequence and movement of the Soldiers may be modified by the firing unit but must be approved by range personnel before it is executed. At no time will there be any deviation from the above safety requirements.

b. Sequence of events using a vehicle at the 200m line:

1. First two firing orders will be identified; a firing order consist of four personnel.

2. The first firing order draw ammo for the range and moves to the firing line, the 2nd firing order will move up and standby at the 300m line.

3. Personnel enter vehicle (1 X Driver and 1 X Rear passenger). No weapons will be pointed out the driver's side window. The rear passenger up range door will be removed to provide unobstructed view into the vehicle by the safety.

4. Rear passenger will be given the command to "lock, load, and scan your lane." Driver will lock the magazine into the weapon but will not charge the weapon.

5. **Targets up.**

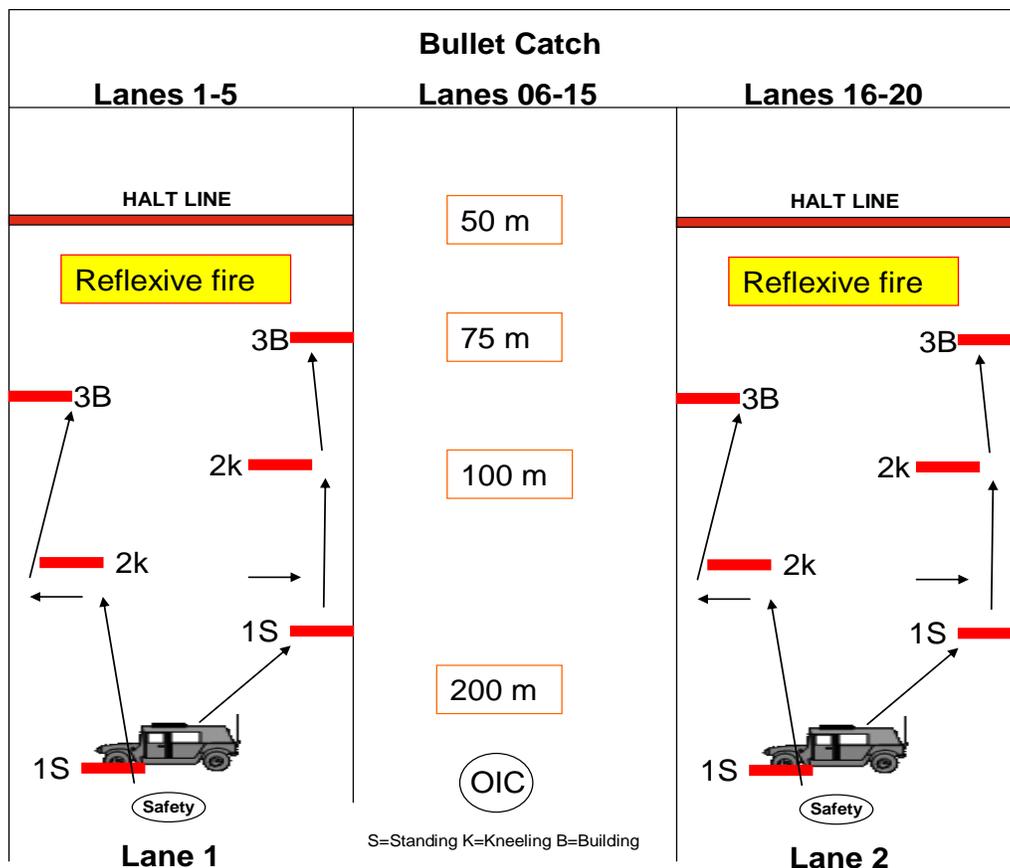
6. Rear passenger (F2) engages the target from the vehicle while the Driver (F1) dismounts, charges the weapon and engages the target from the front corner of the vehicle. Once the driver(F1) is in position and engaging the target, F2 will cease-fire, place the weapon on safe, exit the vehicle and move to point 1 and resume engaging the target. F1 then moves to position 2. **(targets down)**.

7. **Targets up**, F1 engages target (from pos 2) while F2 moves to point 2, takes up position and engages target. **Targets down**, firers hold positions.

8. **Targets up**, F2 engages target and F1 moves to point 3, takes up position and engages, F2 then moves to point 3 and continues engagement, **targets down**. Firers then conduct reload and move online at the 75-meter line to conduct reflexive fire.

9. Firers move down range on line, **targets up**, Firers fire controlled pairs (reflexive fire) at targets until reaching the 50-meter halt line and **targets down**.

Exercise
 Completed



ANNEX D - Combat Pistol Qualification Course (CPQC) SOP

1. **Introduction.** This SOP applies to all units conducting Combat Pistol Qualification Course (CPQC) at the Wackernheim Range Complex. Units will adhere to Annex A, Small Arms Range Standard Operating Procedures (SOP) and this SOP is mandatory while conducting CPQC training.

2. **References.** FM 3-23.35, Appendix A, Combat Pistol Qualification Course

3. **Purpose.** Provide guidelines, policies, and procedures for the conduct of CPQC training at the Wackernheim Range Complex range 4a and 4b.

a. **Course Information.** The CPQC requires the Soldier to engage single and multiple targets at various ranges using the fundamentals of quick fire.

(1) For each table of the CPQC, the firer is afforded extra rounds to reengage targets that are missed. During the course, 30 targets are exposed to the firer. However, 40 rounds of ammunition are issued with which to engage the exposed targets. A Soldier who can reengage a target with an extra round during the exposure time is just as effective as one who hits the target with one round. The firer is not penalized for using or not using the extra ammunition. All excess ammunition is turned in after the completion of each table and may not be used during subsequent tables.

(2) Three magazine changes are required when firing the CPQC, once in Table II and twice in Table V. For safety purposes, one magazine containing one round of ammunition and is loaded first in both Tables II and V. A target appears in front of the firer, and he engages it. Eight seconds later, another target appears. During the eight-second delay, the firer must reload the weapon and be prepared to engage the next exposed target. There are no commands from range personnel or coaches for the magazine change. If the firer fails to reload his pistol in time to engage the next target, it is scored as a miss. This exercise teaches the Soldier to change his magazine quickly and safely by instinct under pressure. In Table V, however, a second magazine change is done in accordance with commands from the control tower.

NOTE: When firing the 9-mm pistol, the firer uses double-action mode for the first round in all tables.

3. **Night and Nuclear, Biological, Chemical (NBC) Qualification Firing.** Night and NBC qualification is required IAW DA Pam 350-38. The qualification tables described in paragraphs A-2 and A-3 also apply for night and NBC qualification. Both qualifications are based on a GO/NO-GO scoring system. To receive a GO at night, the firer must hit at least 5 of the 30 exposed targets in all five tables. Likewise, to receive a GO during NBC firing, the firer must hit at least 7 of the 30 exposed targets in all five tables. A 10-second exposure time is allowed for each target for both night and NBC firing.

4. **Alibis.** Alibis are fired at the completion of each table from the position where the alibi occurred. Fire commands that apply to the table are used to fire an alibi. If a malfunction of weapon or targets occurs during firing from stationary positions, the firer reports the malfunction, and keeps his weapon pointed up and downrange. Should the

malfunction occur during Table V, the firer keeps his weapon pointed up and downrange. The firer continues to move forward, keeping aligned to the firers right and left.

5. **Rules.** Rules governing firing the CPQC are --

a. **Coaching.** Coaching is not allowed during record firing. No person may give or try to give help while the firer is taking his position or after he has taken his position at the firing point. Each firer must observe the location of the target in his own lane. During the instructional firing, the coach and assistant instructors should assist the firer in correcting errors.

b. **Negligent Discharges.** All shots fired by the firer are scored after taking place on the firing lane. Even if the weapon is not directed toward a target or is negligently discharged, a replacement round is not issued.

c. **Firing on the Wrong Target.** Shots fired on the wrong target are entered as a miss on the firing scorecard. A firer is credited only with hits attained in their firing lane.

d. **Firing after the Signal to Lower Targets.** Any shots that are fired by the firer after the target starts to lower are scored as a miss.

e. **More than One Shot Fired at an E-Type Silhouette Target.** The firer is credited with a hit if the hit is made during the target exposure time. The number of rounds fired to obtain the hit is immaterial.

f. **Excess Ammunition at the End of a Firing Table.** Excess ammunition from each table is turned in to the ammunition point and not used by the firer for subsequent tables.

g. **Target Sequence.** The target sequence is decided by the tower operator but is the same for all lanes. This prevents firers from getting ahead of other firers in adjoining lanes. Target sequence will vary in distance from the firer, starting with 31 meters and allowing no more than two 7-meter targets.

6. **Scoring.** Each time a target is hit or killed, an X is placed in the column labeled HITS. The value of a hit is 10 points. Upon completion of firing the CPQC, the scorer totals and signs the scorecard. Qualification standards are listed in the bottom right corner on the record firing side of the scorecard. They are --

Expert:	260 to 300
Sharpshooter:	210 to 250
Marksman:	160 to 200
Unqualified:	below 160

NBC and night firing are on a GO/NO-GO scoring system and recorded in the remarks column.

Night: 5 target hits	=	GO
NBC: 7 target hits	=	GO

7. **Firing The CPQC.** The following qualification tables apply for day, night, and NBC qualification are found in FM 3-23.35. The standing firing position is used throughout the qualification.
8. **Conduct Of Fire.** For each table, firers are issued only the rounds required to fire that specific table. The following list of commands outlines a step-by-step sequence for conducting range firing on the CPQC. See FM 3-23.35 for the sequence of fire.
9. **Restrictions.** The following are strictly prohibited as per annex A.
10. **OIC Responsibilities.** The OIC will ensure --
 - The Unit is properly in-processed with Range Control prior to occupying the Facility.
 - A Combat Lifesaver with aid kit is present at all times during training.
 - Covered vehicle with driver dedicated for range medical emergencies is present at all times during training.
 - All personnel are in the proper uniform for type of training being conducted.
 - All safety regulations and the requirements of this SOP are being observed at all times.
 - Ensure safety procedures are followed IAW FM 3-23.35.
11. **Military Police Qualification Tables:** Only Military Police will be allowed to fire the qualification tables IAW ST-19 LEWTAQ.

ANNEX E – AT- 4 Sub-Cal Range

1. **Introduction.** This SOP applies to all units conducting AT-4 Sub-Cal Qualification at the Wackernheim Range Complex. Units will adhere to Annex A, Small Arms Range Standard Operating Procedures (SOP) and this SOP is mandatory while conducting AT-4 Sub-Cal training.

2. **References.** TM 3-23.25, Shoulder-Launched Munitions

3. **Purpose.** Provide guidelines, policies, and procedures for the conduct of AT-4 Sub-Cal training at the Wackernheim Range Complex range 6 only.

4. **Ammunition:** The M939 9-mm tracer cartridge has a lighter powder charge than a standard 9-mm bullet. The lighter charge enables the cartridge to closely duplicate the trajectory of the AT4 tactical round at ranges out to 700 meters. The M939 cartridge also has a tracer element to enable the firer to compare the impact of the cartridge with the sight picture. The cartridge's red tip and half-black base distinguishes it from standard 9-mm ammunition. **The standard 9mm round should never be fired from the M287 AT-4 tracer trainer.**

5. **Conduct Of Fire.** The M287 9-mm tracer bullet trainer is used to fire the instructional, qualification, and advanced instructional firing tables for the M136 AT4 and the M136 AT4 Scorecard is used to score them. The standards for each table are located within the TM. When firing the AT-4 Sub-Cal weapons only 3 firing points will be used with a firing lane space between each firer at any given time. Each firer will have ASO at each firing point. The ASO is responsible for loading the weapon for each firer for each round. **Note: No moving targets are available on this range. Any night fire must be coordinated a minimum of two weeks prior to actual range date.**

6. **Restrictions.** The following are strictly prohibited:

- Use of live AT-4s.
- Normal 9mm ammunition (Must be 9mm tracer).
- Firer loading his own weapon.

7. **OIC Responsibilities.** The OIC will ensure --

- The Unit has in-processed with Range Control prior to occupying the Facility.
- A Combat Lifesaver with aid kit is present at all times during training.
- Covered vehicle with driver dedicated for range medical emergencies is present at all times during training.
- All personnel are in the proper uniform for type of training being conducted.
- All safety regulations/requirements of this SOP are being observed at all times.
- Ensure safety procedures are followed IAW TM 3-23.25.
- Ensure loading, unloading, and firing is IAW TM 3-23.25.

ANNEX F - Hand Grenade Qualification Course (HGQC)

1. **Location.** Finthen LTA, Grid MA 40083542.
2. **Description.** The Hand Grenade Qualification Course (HGQC) consists of seven (7) stations. The seventh station (HG ID) can be conducted prior to training or at the range. Units will adhere to Annex A, Small Arms Range Standard Operating Procedures (SOP) and this SOP is mandatory while conducting HGQC training.
3. **Scheduling.** RFMSS.
4. **Uses.**
 - a. Primary Use: Hand Grenade Qualification using the M69 practice grenade with the M228 detonating fuse.
 - b. Secondary Use: Non-firing Hand Grenade Qualification.
5. **Conduct of Training.** The course is to be utilized in accordance with FM 3-23.30. It consists of seven stations with one grader at each station. The course is conducted in two-man teams, but Soldiers are evaluated individually. Each Soldier will be issued ten hand grenades and must successfully complete seven stations. No more than two grenades should be used on any target. Only one is used if the first grenade is on target.
6. **Restrictions.** The following is strictly prohibited:
 - Use of and throwing live hand grenades.
 - Open fires of any type.
 - Burying of trash, debris and dunnage.
 - Digging of sumps, slit trenches and pit latrines.
 - Except for range emergencies, driving of any type of vehicle over the course.
7. **OIC Responsibilities.** The OIC will ensure --
 - The Unit is properly in-processed with Range Control prior to occupying the Facility.
 - A Combat Lifesaver with aid kit is present at all times during training.
 - Covered vehicle with driver dedicated for range medical emergencies is present at all times during training.
 - All personnel are in the proper uniform for type of training being conducted.
 - All safety regulations and the requirements of this SOP are being observed at all times.
 - Ensure safety procedures for handling "Duds" (fuses that fail to fire), identified in FM-3-23.30 are followed (see note below).

- Communications are maintained at all times with Range Control while conducting training.

Dud Safety - M69 Practice Grenade

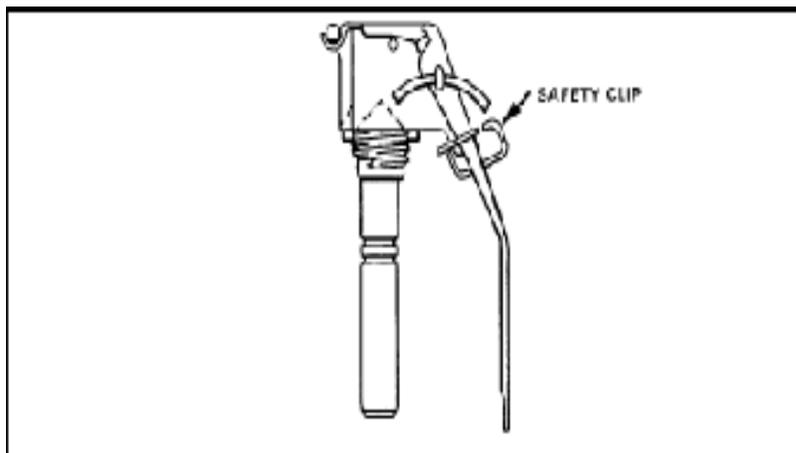
Wait **5 minutes** before **defusing** the M69 practice grenade. Keep the bottom of the grenade **oriented in a safe direction**. Place the **dud fuse** in a sand-filled **container** and return it to the issuing facility.

- Ensure that any personnel **finding** dud or unexploded ammunition leave it alone, mark the location and notify Range Control immediately.

8. **Safety Officer.** The SO will ensure --

- a. All personnel are given a safety briefing prior to occupying the Hand Grenade Course. Stressing proper arming of the grenade, throwing techniques, and seeking cover in the event of a bounce back from and over head obstacles. Treat the M69 training grenade with the M228 fuse as you would a live HE grenade.
- b. All personnel handling and loading the practice grenade fuses (M228) into the M69 practice grenades are wearing gloves at all times while handling the fuses.
- c. All personnel are briefed on the potential differences in the fuse burn time (see note below).

NOTE the M228 detonating fuse is used with the M69 practice grenade to replicate the fuse delay of the M67 fragmentation hand grenade. The time delay element is a powder train with a 4- to 5-second delay burn. In some cases, the delay element may vary from less than 4 seconds to more than 5 seconds due to defective fuses.



- d. All personnel are wearing appropriate hearing protection while throwing the hand grenade.

- e. Units will thoroughly police of the entire Hand Grenade Facility prior to requesting clearance.

ANNEX G - M203/M320 Target Practice (TP) Range

1. **Location:** Finthen LTA, Grid MA 39783517.
2. **Description.** The M203/M320 TP Course consists of four (4) stations or firing points on the range. Units will adhere to Annex A, Small Arms Range Standard Operating Procedures (SOP) and this SOP is mandatory while conducting M203 training.
3. **Scheduling.** RFMSS.
4. **Uses.**
 - a. Use: M203/M320 Zeroing.
 - b. Use: M203/M320 Day record qualification.

5. Conduct Of Training.

The M203/M320 grenade launcher range is designed for all grenade launchers. Because Soldiers can qualify on this range in all conditions, it prepares grenadiers for combat situations. The range has four stations. Minimum range personnel and their duties are the same for M203/M320 qualification firing as they are for other grenadier firing. These personnel include an OIC, NCOIC, RSO, ammunition NCO, operator, station NCOs, and concurrent training trainers.

6. Description of Range and Targets. The range has four self-contained stations. It is 30 meters wide by 421 meters deep, and has a no-HE fire zone. **(NO HE FIRE IS AUTHORIZED)** The following description of the stations and targets is included to help trainers maintain control during zeroing, practice, and record fire:

NOTE: To simplify the task of finding and destroying duds, trainers must ensure the impact area is free of any vegetation other than short grass.

- a. Station 1 consists of a prone fighting position with sand bag support and a zeroing target at 200 meters. The target is clearly marked with a large painted "Z" pattern that contrasts with the surrounding background.
- b. Station 2 consists of an upright cement wall, a kneeling firing position about 4 feet high, and two point-type targets. The targets include a simulated window of a building and a small bunker with overhead cover.
- c. Station 3 consists of a fighting position and two targets. The targets are a two-person bunker and an automatic weapon position. The bunker represents a point target,

and the automatic weapon position represents a target that can be engaged with area-type fire.

d. Station 4 consists of a prone fighting position with sand bag support and two area-type targets (with personnel targets in the open). The sandbags at the firing position are used for support and cover.

7. **Restrictions.** The following are strictly prohibited:

- a. The use of HE 40mm grenades are prohibited.
- b. Open fires of any type.
- c. The burying of trash, debris and dunnage.
- d. The digging of sumps, slit trenches and pit latrines.
- e. Except for range emergencies, driving of any type of vehicle over the course is strictly forbidden.

8. **OIC RESPONSIBILITIES:** The OIC will ensure that:

- a. The Unit is properly in-processed with Range Control prior to occupying the Facility.
- b. A Combat Lifesaver with aid kit is present at all times during training.
- c. A covered vehicle with driver dedicated for range medical emergencies is present at all times during training.
- d. All personnel are in the proper uniform for type of training being conducted.
- e. All safety regulations and the requirements of this SOP are being observed at all times.
- f. The OIC/RSO is responsible to continuously observe the fence-line downrange with binoculars during firing to ensure it is clear of personnel and equipment. If type of activity is observed, the unit OIC must immediately call cease-fire until persons are gone from the area.
- g. Ensure gate guard is posted and maintains communication with the OIC.

ANNEX H - Personnel Nuclear Biological Chemical (NBC) Chamber

1. **Location.** The Personnel Nuclear Biological Chemical (NBC) Chamber is located in Bldg 6984 at the Wackernheim RRC, Grid MA 38043447.

2. Capabilities.

a. Train Soldiers in individual NBC tasks.

b. Ensure proper fitting and functioning of the protective mask in a non-lethal NBC environment.

3. Special instructions for Unit OICs.

a. Units utilizing the NBC chamber must have a MOS trained officer or NCO (74A/54B) or a NBC school trained officer or NCO present during all mask confidence exercises IAW AR 385-63.

b. Ensure that a qualified medic/combat lifesaver and a covered, litter-capable tactical wheeled vehicle or NTV clearly marked with four (4) red crosses for emergency evacuation are present during training. The vehicle may not be used for any other mission and must contain only medical equipment. Driver must be familiar with the shortest route to the nearest medical facility.

c. Supervise preparation of the Personnel NBC Chamber (initial charge will not be more than two (2) capsules and then, as needed, one (1) capsule per every ten (10) Soldiers). The gas capsule will be burned on a metal container only and will not be burned on the floor.

d. During CS Chamber operations continuous physical monitoring by the training unit will be conducted.

e. Strong odors and physical reactions by personnel in the Concurrent Training Area (100 meters east) to CS agent escaping the chamber will generate the following actions:

(1) Chemical NCO/Officer will decrease amount of agent utilized.

(2) The eastern exit door will not be utilized. Entrance/exit to the chamber will be the western door only.

(3) Range Control will be notified immediately of actions taken by training unit.

f. CS will not be used when conditions are likely to result in a climatic thermal inversion i.e. just prior to or following sunset, sunrise.

g. Ensure that the area is thoroughly policed after use.

h. The OIC/NCOIC will ensure that all other objects/equipment used to conduct training, i.e., candles, metal cans, empty capsules, etc., are removed from the chamber and disposed of in the proper trash receptacle after training is completed.

i. NBC Sites are to be used for NBC training only.

ANNEX I - Wiesbaden Local Training Area Standard Operating Procedures (SOP)

1. References.

- a. UR 350-1, Training in USAREUR
- b. UR 350-22, Maneuver and Field Training Exercise Rights in Germany.
- c. UR 250-220, Home Station Training Support.
- d. Medical Evacuation Strip map to local Hospital.

2. **Purpose.** To prescribe policies and procedures for operations concerning the 7th Army Training Command (7th ATC) Training Support Center (TSC) - Wiesbaden (WI) USAG Wiesbaden Local Training Areas (LTA), to provide a description of the facilities, and to specify certain operating instructions of the facilities.

3. **Scope and Applicability.** This annex applies to the USAG Wiesbaden Community Local Training Areas (LTA) and all users of the facilities.

4. **Terms.** The term "Local Training Area (LTA)" refers to the land facility that offers the potential to support effective and efficient training, over which the U.S. Forces have substantial control. LTAs normally refer to training areas, ranges, bivouac areas and water training sites. The term "Sand Dunes" refers to the *Mainzer Grosser Sand* LTA in Mainz-Gonsenheim/Mombach.

5. LTA Locations.

a. Finthen LTA is (109 acres) in size and is located at grid MA399355 on map sheet L6114. The MOUT site complex, M203 Range, Hand Grenade Qualification Course, Combat Outpost (COP) and Convoy Reaction Course are located within the Finthen LTA boundaries.

b. The Mainz-Gonsenheim / Mombach Sand Dunes LTA (120 acres) is listed as one and is treated as one training area on all listings of property except in TSC. The area is split into two by the A643 autobahn. There is only one drivable way in and out of the training areas through Mainz-Gonsenheim. The training areas actually lie within the boundaries of Mainz-Mombach.

(1) The Mainz-Gonsenheim / Mombach "Sand Dunes" Area # 1 LTA is located at grid MA432404 on map sheet L5914. It is the smaller area located on the Mainz side of A643 next to Mainz-Gonsenheim.

(2). The Mainz-Mombach Sand Dunes Area # 2 LTA is located at grid MA429410 on map sheet L5914. It is the larger training area and is the farthest from any German housing area. It is on the west side of A643.

c. The 6910 LTA (81 acres) is located in Darmstadt at grid MA706229 on map sheet L6116. This area is for dismounted and limited mounted training.

6. Description.

a. The Finthen LTA, has a trail network that interlinks with the convoy reaction course. No tracked vehicles are authorized in the LTA. See Annex (K) for UO/MOUT and (M) for COP operations. The Finthen LTA can support:

- (a) Bivouac site (up to a battalion size unit).
- (b) Dismounted training (company size unit).
- (c) Warrior Task and Battle Drill Training (WTBD).
- (d) Tactical Operation Center (TOC)/Command Field Exercise (CFX)
- (e) Tactical vehicle maneuver (wheeled vehicles).

b. The Sand Dunes Area is divided into to two areas.

(1) Sand Dunes Area # 1 LTA offers both wooded and open areas to be used for Command Post, Unit CTT, and similar activities.

(2) Sand Dunes Area # 2 LTA is a mixture of wooded and open areas, providing space for effective dismounted tactical movement exercises. This is the only tracked vehicle maneuver area within USAG-Wiesbaden. The LTA is suitable for, but not limited to the following types of training.

- (a) Bivouac site (up to battalion size units).
- (b) Dismounted training (company size units).
- (c) Warrior Task and Battle Drill Training (WTBD).
- (d) Tactical Operation Center (TOC)/Command Field Exercise (CFX)
- (e) Tactical vehicle drivers training (wheeled or tracked vehicles).

c. For the 6910 Area, see annex J

7. Directions.

a. Finthen LTA: Exit Autobahn A-60 in the direction of Mainz-Finthen and Wackernheim. Go straight through Mainz-Finthen and continue into Wackernheim. After the traffic light, the next intersection (six km from the A60) has a center-left island; turn left onto Ober Olmerstrasse. (This is the same direction as the Wackernheim Small Arms Ranges.) Drive out of town on this street/road past McCully Barracks and past the Wackernheim Ranges. Turn on the second left-side field road, a one lane concrete road, before the curve. Turn left and go straight until you go through the first fence. Turn right and follow the blacktop roadway. After the next curve to the right, the MOUT Village is off to the right in front of you.

b. Sand Dunes: Exit Autobahn A-643 at Mainz-Gonsenheim, at the first traffic light turn right onto An der Krimm going west. After turning onto An der Krimm, at the first traffic light turn right onto Weserstrasse. At the next intersection, a partially hidden sign

“MILITAERISCHER UEBUNGSPLATZ MILITARY TRAINING AREA”

is displayed. Turn right at the sign onto Am Grossen Sand. This is the only access to the Sand Dunes Local Training Areas, which begins after approximately 600 meters.

c. 6910: Contact Range Control for strip map.

8. Using Units.

a. The designated Officer/Noncommissioned Officer in Charge (OIC/NCOIC) for the use of the LTAs within Wiesbaden will be certified by the range control personnel. The OIC will serve as the point of contact to Range Control during the course of training in LTA. The OIC will report to Range Control at 0800, 1200, and 1600 or for as long as the unit remains in the area.

(1) The OIC should be designated on the original request, but can be changed as long as Range Control is kept informed.

(2) The requesting unit must include all supporting unit personnel and equipment in their LTA request.

(3) The OIC/NCOIC must be familiar with this SOP and fully understand the limitations of the Local Training Area being utilized.

(4) When the request for use of the LTA has been approved, the OIC/NCOIC will schedule a **mandatory** safety briefing with the LTA Coordinator and to pick-up the range control packet with SOP.

(5) To schedule the briefing, contact the Wackernheim Range Complex at 546-6131 at least two days prior to occupation of the LTA. Failure to attend this briefing will result in the LTA to be canceled.

b. The training unit commander is ultimately responsible for maintaining areas during occupation and departure of each training facility (insuring the area is returned to its natural state). During occupation, the LTA/Range Control of TSC may inspect the training area(s). If an unsatisfactory or unsafe condition is found at any time, the unit will be required to cease training until acceptable standards are met.

c. When a second unit co-uses an area with a scheduling unit, the scheduling unit must notify the TSC of the co-use. The scheduling unit is responsible for the activities of the second unit and is also responsible for clean up and clearing of the LTA.

d. Only the unit commander or the S3 officer may request an exception to policy. Any exception to policy will be in writing and forwarded to the TSC. (Also, see Paragraph Quiet Hours.) Requests must be received no later than 30 days prior to the start of the training event.

e. Using units will have a qualified medic, aid bag, and dedicated covered vehicle capable of transporting a litter while occupied.

f. Using units will ensure everyone taking part in an exercise in a LTA has a thorough briefing to include:

- Vehicle safety
- Pyrotechnics and blank ammunition safety when used
- Protection of the environment (refuse disposal, use of contaminants, disposal of contaminants, fire, etc.)
- Protection of plants and animals
- Medical emergency and evacuation plan
- What to do when approached by civilians or when civilians get in the way of training

g. Medic or Combat Lifesaver: Combat Lifesaver must be certified and approved in writing, stating that they are certified within the last twelve months, by the Battalion Commander O-5 and above (O-4 with Assumption of Command Orders). This memorandum must be turned in to Wackernheim Range Control prior to the unit occupying. The medic or combat lifesaver will have an aid bag and litter. Medics must have a Geneva Convention card present with them. The range must have qualified medic/combat lifesaver. A military vehicle that is capable of carrying an internal litter and have a qualified driver. The medic and driver must be awake at all times and place of duty is with the vehicle. The evacuation vehicle will be marked with four (4) red crosses on front, rear, and both sides. Marking may be temporary in nature so long as they are clearly visible. The medical vehicle must be present on the range at all times unless it is conducting an emergency evacuation. If an individual must be evacuated, units will notify Range Control and MPs immediately by the fastest means available.

9. Quiet Hours.

a. Quiet hours, which are between 2200 and 0700 hours every day, Sundays, and German holidays must be observed, i.e., operation of generators and vehicle engines is prohibited during these hours. No vehicle movement is allowed during these hours except in the case of emergency. The use of blank ammunition or other noise producing devices is prohibited between 2200 and 0700 every day, German Holidays, and Sundays.

(1) "Weekends, Federal Holidays, and USAREUR training holidays are not normal duty days. These days will be used for training and work only when authorized by the first general officer in the chain of command." AE 350-1 Para 9-5.a. Page 42

(2) When an exception to policy to bivouac or train during the night has been granted, any generator operating through quiet hours, 2200 - 0700, cannot produce more noise than a five kw, whether it is a 5kw or a highly muffled 60kw, etc.

(3) When an exception to policy has been granted for training during quiet hours, 2200 – 0700, driving must be limited to what is necessary for the training. Otherwise, all driving must be limited to emergencies only during quiet hours.

(4) No exception to policy will be granted for using blanks or pyrotechnics between 2200 and 0700 hours. No exception to policy will be given to use smoke producing devices during the hours of darkness.

b. All requests for exception to policy to train during quiet hours, Saturdays and Sundays, and/or German holidays must be approved 30 days in advance by TSC. The exception to policy request should be a memorandum sent to the 7ATC-TSC-WI Chief and should specify when, who, what, and why exception is needed. No exception will be granted for Easter Weekend (Good Friday through Easter Monday) and Christmas (24 through 26 December) holiday periods.

10. Restrictions.

a. Live ammunition is prohibited in LTAs. Smoke producing devices are prohibited during the hours of darkness. Blanks and pyrotechnics are prohibited during quiet hours 2200-0700, Sundays and Holidays.

b. Use of smoke producing equipment or smoke grenades in any form is limited in the MOUT Training Area and near the autobahn in the Sand Dunes. When the TSC approves, smoke can only be used at the MOUT LTA when the wind does not carry the smoke toward the civilian airport. The OIC/NCOIC must make the determination if smoke can be used and smoke can only be used in the Sand Dunes when there is absolutely no possibility that it can move/drift across the autobahn. The use of all pyrotechnics, including blanks, must be specifically requested as an exception to policy for TSC Chief approval to be used. If pyrotechnics are approved for use, they will not be attached to trees, brush, or any live vegetation. All **RED** pyrotechnics and smoke are to be used **ONLY** for real world emergencies.

c. The baseball field in Finthen LTA is off limits to all tactical units and vehicles.

d. Under no circumstances will aerial pyrotechnics (flares or signals, etc.) be used in any LTA.

e. Foxholes and defensive positions may be dug in the Sand Dunes training areas. Before leaving, the unit must fill in the foxholes. Digging is not allowed at any other training area.

11. **The Environment.** The U.S. government does not own the training areas. Damage to training areas can generate financial claims against the U.S. government. The prevention of environmental damage within the training areas is every Soldiers responsibility. Leaders must ensure that the possibility of damage occurring is minimized by proper planning and training. To help leaders the TSC has *Training and Terrain Protection* (ITAM) cards for issue.

a. Trees, branches and other forms of vegetation may not be arbitrarily cut nor cut for camouflage. Use camouflage netting. Do not mark, put signs on, paint, or in any way

deface or damage a tree. Tree nurseries (usually fenced and marked) are off limits. Cut and piled trees are normally harvested lumber that has already been sold and is curing or awaiting transportation. Piled trees/wood will not be disturbed, moved or used in any way.

b. A designated Nature Preserve borders the north edges of Sand Dunes Training Area # 1 and is OFF LIMITS. No training or trainee is allowed to go across the boundary fence.

c. Deer, fox and other forms of wild life may be encountered. Hunting is strictly controlled in Germany and unauthorized for personnel in a training unit. Do not harass any wildlife. Avoid contact with birds and animals. Rabies, Red Murrain and Trichinosis are persistent problems in Germany. Do not attempt to stalk, chase, capture, or handle any animal or bird.

d. Open fires of any sort are prohibited at all times. Use caution with cigarettes and pyrotechnics especially when the weather has been dry and hot. Immediately report any uncontained fire.

a. Restore all disturbed areas to their natural condition.

b. Mid-March to end of June is bird mating season; units conducting training in the LTAs are requested to stay on the main trails when possible.

12. Hazardous Substances and POL. Any potential soil contamination such as maintenance of vehicles or equipment is prohibited at all times. Any form of fuel or oil spills, or leaks from vehicles or equipment, or other contaminate spill must be completely removed and will be reported immediately to the CLAY KASERNE DPW Environmental Office and TSC/LTA scheduling office.

a. Refueling operations of vehicles will ONLY be conducted in authorized areas in the LTAs with prior approval from the TSC Chief.

b. A normal maintenance operation such as changing oil on a vehicle or generator is prohibited.

c. Drip pans and other means of containing contamination will be used to the maximum to include using with generators.

d. Decontamination exercises are prohibited.

e. Cleaning operations using solvents or other environmentally unfriendly materials will not be accomplished in LTA.

f. All contaminated earth/sand (no matter how small an amount) will be collected in containers and disposed of through the proper agency. Notify TSC and Directorate of Public Works (DPW) environmental section.

g. Failure to report a hazardous substance or POL spill is a federal offense.

13. Vehicle Movement.

a. Stay on established roads until inside the training area. Do not drive on the shoulders of roads or through ditches. Take no short cuts. Do not go outside the training area.

b. Avoid destroying vegetation. Care will be taken not to damage brush or trees that are growing in the area.

c. Do not wash vehicles in any LTA.

d. Vehicle engines will be turned off when the vehicle is not moving.

e. Safety must be enhanced if vehicle movement occurs during periods of darkness, and especially for Night Vision Goggles (NVG) drivers training.

(1) The area used will be checked prior to and during the exercise to ensure no civilian walkers or riders are or could become endangered.

(2) Due to the local populace not being aware of the night/limited vision drivers training in the area (another safety factor), limit the training speed to 5 miles per hour maximum.

(1) Units will mark barriers of any kind.

14. Policing Training Areas.

a. Units **WILL** provide their own latrines (portable toilet) during their use of the training area. Units are not allowed to dig of any type of latrine.

b. Units must remove all refuse, concertina or barbed wire, dumpsters, communications wire, engineer tape, tent stakes, etc. must be removed by the unit.

c. **Digging holes for burying trash is not allowed anywhere.**

d. Burning trash or waste is prohibited.

e. Refill all foxholes or other excavations.

15. Emergencies and Evacuations.

a. The OIC/NCOIC and other safety personnel must know where the nearest public telephone is or have a handy to use in case of an emergency; in the event of an emergency, call the CLAY KASERNE Military Police at 0611-705-5096 and they will dispatch an emergency vehicle to your location.

b. Discussion: The OIC/NCOIC is responsible for ensuring first aid trained personnel, first aid kits, and a designated stretcher vehicle is always at the training site for an emergency/emergency evacuation. No emergency ambulance service exists at the Wiesbaden or Wackernheim Health Clinics, and the clinics are normally open only between 0700 and 1630 hours weekdays. Further, the German hospitals rotate which

one has an open Emergency Room (ER) at night or weekends and holidays. Mainz has 3 ERs; Wiesbaden has about 5 ERs. Local ambulances cannot leave the normal roadway; they are not 4-wheel drive.

c. In case of an emergency:

(1). **Dial 0611-705-5096. This is the number to the CLAY KASERNE Military Police.**

(2). Give the Desk Sergeant complete information: your name, where you are or where to meet you (be very specific, i.e. street names), nature of the emergency, etc.

(3). Be the last one to hang up.

(4). Wait for the ambulance. An ambulance will be staffed in accordance with the nature of the emergency that you have reported to the operator.

(5). Lead medical personnel to the emergency patient.

d. The following list includes conditions that constitute an emergency:

(1) Chest pains that are likely cardiac in origin.

(2) Severe respiratory distress.

(3) Broken bones protruding through the skin.

(4) Severe injuries or trauma that may require close observation and treatment in an Intensive Care Unit.

(5) Head injury with sustained loss of consciousness.

e. More information can be obtained at the Wiesbaden Health Clinic and in the Wiesbaden Health Clinic "Health Care Handbook".

f. MEDEVAC (Dust-off) procedures:

(1) Outside of Grafenwoehr and Hohenfels **the German emergency system is faster and more flexible, and should be called first.**

(2) The 159th Medical Company Air Ambulance, 0611-705-6035, on CLAY KASERNE has the MEDEVAC responsibility in the Mainz/Wiesbaden area.

(3) The information and instructions for getting a MEDEVAC, the Dust-off Europe MEDEVAC Mission Request, is available at TSC.

g. Other Emergency Numbers are:

(1) Fire: 112 (German emergency number, especially Fire Department); 0611-705-117 (CLAY KASERNE Fire Department).

(2) Military Police: 0611-705-114 (CLAY KASERNE); 0611-705-5097 (CLAY KASERNE MP Desk Sergeant).

(3) TSC: 0611-705-5006 (CLAY KASERNE).

(4) Range Control: 06132-508-731 (Wackernheim RRC).

(5) Department of Public Works (DPW) Pest Control: 0611-705-5079 (CLAY KASERNE).

(6) DPW Environmental Office: 0611-705-5886 (CLAY KASERNE).

16. Required Report.

a. Reporting of all maneuver damage is required. Damage to vegetation (especially trees) will be reported before clearing the LTA. Spillage of petroleum products and other contaminants (solvents, cleaning materials, etc.) will be reported to TSC immediately.

b. Commander's Critical Incident Reports (CCIR) will be reported to TSC and the CLAY KASERNE MP Desk Sergeant immediately. The report will contain the following information: (See Annex T)

- (1) Name, rank and unit of person submitting report.
- (2) Training area where incident occurred.
- (3) Time of incident.
- (4) OIC/NCOIC on site.
- (5) Brief description of incident/accident to include names and units of personnel directly involved.

c. Army Accident Report (DA Form 285) will be completed for all duty/training time that is lost due to accidental injury, and property damage in the amount of \$2,000 or greater. Accident reports will be forwarded to the USAG safety office. Accidents involving property damage less than \$2,000 will be investigated, but a formal accident report is not required.

d. Any incident with anyone from the local civilian residents will be reported to the TSC immediately. All USAG Wiesbaden LTAs are open to the civilian populace. Treat civilians respectfully; it is their land. Ensure no civilian is in danger from moving vehicles, especially at night.

17. **Pyrotechnics, Blanks and Smoke.** The use of pyrotechnics, blanks and smoke producing devices is authorized subject the following limitations. All **RED** pyrotechnics and smoke are only used for real world emergencies.

a. Unit WILL REQUEST USAGE NLT ten (10) working days prior to intended use identifying the types of devices to be used. Request must state the type, number and dates of usage of all types of blanks and pyrotechnics.

b. During the months of May to October, due to the dry weather conditions, use of pyrotechnics may be restricted or prohibited. Unit OICs are required to coordinate status with Range Control prior to training.

c. In any event pyrotechnics, blanks and smoke producing devices **WILL NOT BE USED** closer than 500 meters from public roads.

d. OIC will ensure that the use of smoke producing devices is curtailed when wind conditions could cause smoke to blow across roads creating hazardous driving conditions.

e. OIC will ensure that pyrotechnics, blanks and smoke producing devices are not set off or used within 15 meters of training Soldiers.

f. Use of CS and airburst star and parachute flare are prohibited in the LTA.

18. **BIVOUAC.**

a. There are no outdoor latrine facilities at the Wiesbaden LTAs. In order to utilize the LTA for bivouac purposes, using units will ensure that adequate numbers of portable latrines are ordered and emplaced no later than the scheduled use date.

b. Units who schedule the LTA for training and bivouac and who arrive without portable latrines will be denied the right to bivouac.

19. **Clearing.**

a. The unit OIC must coordinate a clearing time and date with Range Control during in-processing. The using unit must clear/clean the area of occupation thoroughly:

(1) Pick up and dispose of all trash and wire at a military installation; do not leave it in the LTA.

(2) Check areas for training residue, such as blank ammunition shells, and dispose of IAW applicable regulations.

(3) Check areas around vehicles and equipment to make sure no fuel, solvent, oil, and/or other contaminate has contaminated the ground.

(4) Refill all foxholes.

b. TSC personnel will inspect the LTA jointly with the training unit OIC. The using unit must notify Range Control, in advance, at what time the unit plans to leave the LTA. In any case, if the unit has not cleared the area properly, the unit will be required to correct all deficiencies.

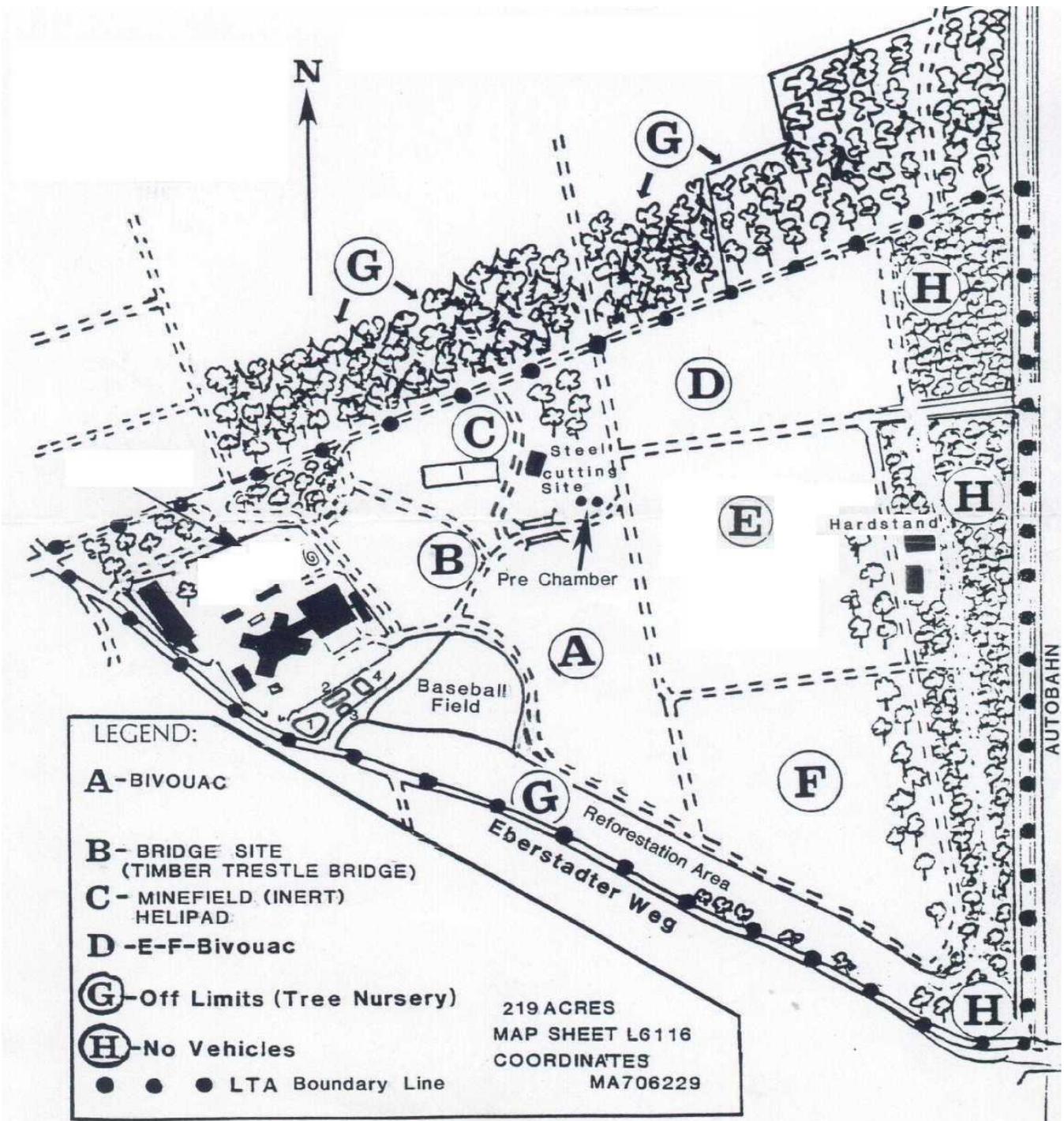
ANNEX J - 6910 LTA, Darmstadt

1. **LOCATION:** Grid Coordinates: MA705216, Map Sheet L6118.
2. **DESCRIPTION:** Area 6910 has 219 acres of both wooded and open areas are suitable for bivouac, mounted and dismounted drills. The areas are also well adapted to the conduct of WTBD, ARTEP and Sergeants Time Training as well as a excellent TOC/CP operations sites. Area 6910 LTA is divided into eight (8) areas (A through H) that can be scheduled separately.
3. **SCHEDULING:** RFMSS.
4. **RESTRICTIONS:** The following are strictly prohibited at the [6910 LTA](#)
 - a. Open fires.
 - b. Burying of trash or refuse.
 - c. Disposing of POL.
 - d. Digging of sumps and pit latrines.
 - e. Cutting trees, branches and other types of flora.
 - f. Utilizing the area for bivouac unless scheduled and complying with the requirements of paragraph 5 below.
 - g. Refueling of vehicles except at authorized points.
 - h. Digging foxholes in other than authorized areas.
 - i. POVs in the LTA.
5. **SPECIFIC:** The following apply to individual training areas as noted:
 - a. Area G is off limits to all personnel and vehicles.
 - b. Area H is off limits to all vehicles.

- c. No antenna will be erected in Area C within 150 meters of the Helipad.
- d. No vehicles or tents will be placed within 100 meters of the Helipad.
- e. Refueling will be done only on the Hardstand located in Area E.
- f. Portable Latrines and Dumpsters are required if a unit is to stay overnight in any area.
- g. Units are required to report total personnel and vehicles that utilized the area to the LTA/Range Branch at the completion of training.
- h. The Unit OIC will sign out the keys to the training area during in-processing and return them at clearance.

Local Training Area 6910 (Darmstadt)

66th MI
Group



ANNEX K – Urban Operations (UO) or MOUT Site (To be used along with ANNEX I - Wiesbaden Local Training Area Standard Operating Procedures (SOP))

1. **Location:** The MOUT Village is located in Finthen LTA, which is 109 acres in size and is located at grid MA399355 on map sheet L6114. The doors on the MOUT buildings **will** not to be kicked or forced open. Keys to the complex must be signed out during in-processing at Range Control office, Bldg 6980.

2. Description:

a. The MOUT facility has five one story and three two-story and four ¾ buildings. It also has a tunnel system that begins from one end of the village to the other end and has entry points in all three two-story buildings. It has three manholes for entry and exiting the tunnel system.

b. The MOUT facility is used for urban warfare training and can accommodate three platoon size elements (one in offensive, one in defense and one on reserve posture) using MILES with blank ammunition, SESAMS or UTM equipment and blank ammunition. SESAMS and UTM require prior coordination with Range Control and a Commander composite risk assessment.

c. Some of the building has furniture to add realism in searches as well as movement inside the buildings. Units utilizing the facility will be required to furnish a detail to remove all furniture that has been damaged during training.

d. The MOUT site allows for door breaching operations for selected units. All requests to conduct explosive breaching training are vetted through the local TSC to 7A/ATC Safety.

3. Scheduling: RFMSS.

4. Restrictions and Ammunition/Pyrotechnics Limitations:

a. Open fires, to include the burning of tires and open cans filled with diesel, are strictly prohibited.

b. Use of the MOUT facility strictly as a bivouac site is prohibited.

c. CS Grenades and other irritants, flares, 40mm target practice training rounds, red smoke, and live ammunition are prohibited.

d. When using smoke, Units must determine wind direction and physically check to see if the civilian airport is or is not in operation to ensure that smoke will not interfere with the airfield operations. Smoke grenades will not be thrown into buildings. (When using smoke grenades, the provisions of USAREUR Supplement 1 to AR 385-63 pertaining to smoke operations will apply).

e. At no time will pyrotechnic devices be authorized for use inside buildings.

f. All blank ammunition and pyrotechnics must be strictly controlled and accounted for at all times

g. SESAMS, plastic marking Simunitions, with approved buffer and upper receiver attachment.(AS08 SIMUNITION 5.56BL; AS09 SIMUNITION 5.56RE; AA12 9MM FX MARKING CART)

h. 12GA Lock Buster. (X104 CTG, 12GA BREACHING)

i. Explosive breaching charges are only authorized by US and Partner Nations Special Operation Forces and those units who have a valid METL and/or CONPLAN requiring such training and that have an approved master breaching program equivalent to the U.S Army Special Operation Command (USASOC) SFAUC and/or SFARTAETC POI IAW USASOC Regulation 385-1 and FM 3-05.221. Authorized to use only charges NTE .249 Grams or 0.55 lbs NEW) **See annex L** for breaching operations.

5. Safety:

a. Unit OIC must brief personnel on the use of smoke and other pyrotechnics. Smoke grenades may be thrown but not into buildings. All personnel will receive brief that the protective mask will not protect them against common smoke and extended inhalation could result in illness or death.

- b. Advise personnel on the safety zone of ten (10) meters to the front and five (5) meters to the side when firing blank ammunition. Firing blanks with the .50 cal MG requires a safety zone of 20 meters to the front and five (5) meters to the side.
- c. The MILES system uses low risk lasers and does not require eye protection.
- d. The tunnel system can be used by all personnel training in MOUT site.
- e. Smoke grenades are not authorized in the tunnel system.
- f. When utilizing UTM/SESAMS training rounds, ensure all personnel wear the proper protective equipment to prevent injury (Must have Safety equipment).
- g. A Commander's risk assessment will be signed at the appropriate level for all training and be available for inspection by safety personnel and must include controls for SESAM's and pyrotechnics when utilized.
- h. Place guards at the following locations to prevent personnel/vehicles from entering the area: **1) Guard 1 Grid MA 39653544 2) Guard 2 Grid MA 39603535**
- i. Absolutely NO live ammunition or commercial paintball equipment is authorized for use in this facility at any time.
- j. Clearing. Contact Range Control to clear the MOUT site after training completion.
- k. Any damage to buildings and furniture will be reported to range control. Unit is responsible in removing damaged furniture. Any broken doors or shutters will be the unit responsibility to repair.
- l. All expended brass, grenades bodies, and other pyrotechnics will be policed and removed from the area.
- m. All Unit equipment to conduct training such as ropes, logs, sand bags, concertina wire, and commo wire must be removed upon completion of training. Units will not leave the training facility before being officially released.

6. Guard Requirements:

- a. When conducting SESAMS or UTM fire at the MOUT site the guards must be posted at the locations on 5h to ensure nobody is allowed access to the MOUT site.
- b. The OIC for the MOUT site will communicate the status of the MOUT site training. HOT time, COLD time, MEDEVAC operations, etc.
- c. The MOUT gate will be closed, but will be left unlocked.
- d. The guards must maintain radio communication with the MOUT site OIC during the entire training event. The guard is there to stop any unauthorized personnel from entering the MOUT site or traveling along the road along the side of the training area. The guard will also inform any authorized personnel (Range Control, unit personnel, etc) of what the status of training is for that period.

Annex L – Door Breaching Activities (To be used along with Annex K)

1. References:

- a. FM 3-34.217, Explosives and Demolitions FM 3-05.221, Special Forces Advanced Urban Combat
- b. AR/AER/DA Pam 385-63 Range Safety, AR/DA PAM 385-64 Explosive Safety

2. **General:** There is **NO** demolition range in the Wiesbaden Community. This demolition annex is for information only for conducting door-breaching operations in the MOUT site.

3. **Description:** Explosive breaching charges are only authorized by US and Partner Nations Special Operation Forces and those units who have a valid METL and/or CONPLAN requiring such training and that have an approved master breaching program equivalent to the U.S Army Special Operation Command (USASOC) SFAUC and/or SFARTAETC POI IAW USASOC Regulation 385-1 and FM 3-05.221. All requests to conduct explosive breaching training will be vetted through the local TSC to 7A/ATC Safety.

4. **Responsibilities:**

The OIC will:

- a. Be familiar with the provisions of this SOP, FM 5-250, AR 385-63 w/ USAREUR Supplement 1, DA Pam 385-63, FM 4-30.51 and other applicable SOF/explosive regulations.
- b. Training with Demo requires a medic IAW DA PAM 385-63, not CLS.
- c. Inspect detonation area prior to training to ensure it is safe for operation and that nothing is present before and during operations (animals, civilians, personnel, foreign objects).
- d. Demolition exercises are **not permitted** to take place in the event of poor visibility inclement weather i.e. fog, lightning.
- e. Ensure that there is no smoking.
- f. Ensure that no personnel or vehicles are positioned within the Minimum Safe Distance (MSD) radius of the door when firing.
- g. Ensure all personnel wear proper protective equipment.
- h. Place guards at the following locations to prevent personnel/vehicles from entering the area: **1) Guard 1 Grid MA 39653544 2) Guard 2 Grid MA 39603535** i. Establish and maintain communications between the range guards and Range Control.
- j. Clean up all demolished materials before leaving, to include old door.

5. **Restrictions:**

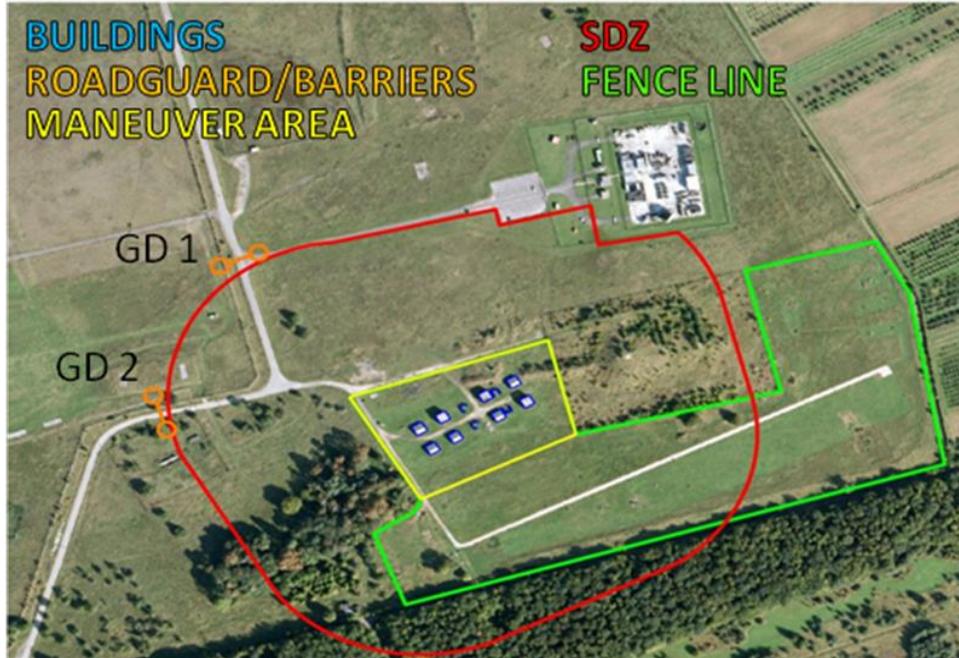
- a. It is strictly forbidden to detonate more than 249 Grams (0.55lb) of demolition at any given time.
 - b. No electric caps or detonating materials.
 - c. No metal doors (steel cutting).
 - d. Charges will only be **placed/fired** in the center of the designated door.
 - e. Only one charge (door) will be detonated at a time.
- f. Only the following items may be used:
- 1) 0.25 lb blocks of TNT in combination not to exceed 0.55 lb in any one shot.
 - 2) .5 lb blocks C-4 not to exceed 0.55 lb in any one shot.
 - 3) Detonating cord.
 - 4) Time fuse.
 - 5) Fuse igniters.

6. **Guard Requirements:**

- a. When conducting demo fire at the MOUT site the guards must be posted at the locations on 4h and ensures nobody is allowed access to the MOUT site.
- b. The OIC for the MOUT site will communicate the status of the MOUT site training. HOT time, COLD time, medevac operations, etc.

c. The MOUT gate will be closed, but will be left unlocked.

d. The guards must maintain radio communication with the MOUT site OIC during the entire training event. The guard is there to stop any unauthorized personnel from entering the MOUT site or traveling along the road along the side of the training area. The guard will also inform any authorized personnel (Range Control, unit personnel, etc) of what the status of training is for that period.



7. Ballistic breach:

A useful method of breaching is the shotgun ballistic breach for forced entry of standard doors. The only authorized technique of shotgun breaching is the doorknob breach. While holding the stock of the shotgun in the pocket of his shoulder, the gunner places the muzzle tightly against the door, and aims down at a 45-degree angle. If the shotgun muzzle is not held tightly against the door, splatter may occur that could affect friendly troops. Only authorized use is with the 12-gauge shotgun loaded w/ Lock Buster (**X104 CTG, 12GA BREACHING**).

Doorknob Breach

For the doorknob breach, the aim point is a spot halfway between the doorknob and the frame, not at the doorknob itself. The gunner fires two quick shots in the same location, ensuring that the second shot is aimed as carefully as the first. Weak locks may fly apart with the first shot, but the gunner should always fire twice. Some locks that appear to be blown apart have parts still connected that will delay entry. If the lock is not defeated by the second shot, the gunner repeats the procedure.

Annex M – Combat Outpost (COP) Training Activities

1. **LOCATION:** Finthen LTA.
2. **DESCRIPTION:** In addition, with Annex J of this SOP, this area can be adapted to conduct COP operations and is considered an excellent TOC/CP operations sites.

The COP consisting of nine (9) usable buildings with a double fenced compound with entry gates for home station training.

3. **SCHEDULING:** RFMSS.

4. **RESTRICTIONS:** The following are strictly prohibited in the COP.

- a. Open fires.
- b. Burying of trash or refuse.
- c. Disposing of POL.
- d. Refueling of vehicles except at authorized points.
- e. POVs in the LTA.
- f. Digging within the COP compound without authorization from range control.
- g. Nailing, drilling or screwing into any of the facilities.

5. **SPECIFIC:** The following apply to using COP as noted:

- a. All buildings will be cleaned prior to clearing.
- b. Buildings 5900, 5902 and 5903 are off limits to all personnel.
- c. Building 5901 is used for C2 ONLY.
- d. Building 5908 is a conference/AAR room ONLY.
- e. Buildings 5904, 5905, 5907, 5909, 5911 and 5913 can be used for billeting, storage, etc. When in doubt- Ask Range Control
- f. No vehicles or tents will be placed within 100 meters of the Helipad.
- g. Refueling will be done only on the Hardstand locations ONLY.
- h. Portable Latrines are required if a unit is to stay overnight in any area.
- i. All trash will be taken away by using unit.
- j. Grass areas within the COP can be used for tents.
- k. The Unit OIC will sign out the keys to the COP during in-processing and will contact range control to conduct walk-thru of the COP at clearance.



ANNEX N – Basic Land Navigation Course

1. GENERAL: The following instructions apply to the Sand Dunes Training Area Land Navigation Course located at Grid **MA42054055** this is the administration area and start point (SP). The OIC ensures compliance with these instructions during training. This

annex is not all-inclusive; use in conjunction with Annex J of this SOP.

2. PRIMARY USE: Dismounted Land Navigation.

3. COURSE DESCRIPTION:

a. Day Course: This course has 8 points, each approximately 300 - 1000 meters apart. At the start point Soldiers will navigate from point to point and finish at the SP. The course may be used as a compass or GPS course.

b. Night Course: This course has 8 points, each approximately 300 - 1000 meters apart. At the start point Soldiers will navigate from point to point and finish at the SP. Conduct of the course is by azimuth and pace count.

c. The administrative area (SP) has a 100-meter pace count course staked in for Soldiers to acquire their pace count.

4. COURSE INFORMATION:

a. **Cell phone is the only means of communication available at this time.**

b. Units must schedule this course through Wackernheim range control scheduling. Once scheduled, the unit can pick up the Land Navigation Packet from the Range Control fire desk at Bldg 6890 on Wackernheim range complex. Units must turn in the Land Navigation book to Range Control NLT the 0730hrs the day after training is conducted. Failure to do so will result in cancellation of all training requests from that unit until book is received.

c. TSC Wiesbaden and Wackernheim Range Control offices **DO NOT** provide compasses or maps of the area. This is a unit responsibility.

d. Unit OICs and RSOs are required to attend the range orientation briefing prior to all training. Briefing is on first and third Wednesday of each Month at 1000 hrs. OICs and RSOs must be on the O-5 memorandum to sign for the area.

e. Unit OIC/NCOICs can pick up the Land Navigation packet the day prior or morning of training.

f. Heavy tracked vehicles are not allowed anywhere on the course.

g. Each unit must provide a qualified Medic or Combat Lifesaver, a qualified driver and a military vehicle, which is capable of carrying an internal litter. The medic must have their Geneva Convention card, aid bag, and strip map to nearest medical facility. The combat lifesaver must have an aid bag and memorandum signed by the Battalion Commander. The medical vehicle will be parked adjacent to the administrative area.

h. All other military vehicles are allowed to park in the Training Area as long as you have the proper drip cans/pans for each vehicle. **NO POVs ARE ALLOWED IN THE TRAINING AREA.** Any POVs found in the area will result in shutdown of the units training and notification of the Military Police.

i. Units are not authorized to relocate any of the points on the course.

j. Unit OICs are required to have a copy of the Wiesbaden Range Control SOP, Range data card, Land Navigation Packet, and copy of assumption of responsibility signed by Range Control while training is being conducted. Unit OICs will be present at the Admin Site at all times while training is being conducted.

k. Failure to comply will result in de-certification of the unit OIC.

l. Primary point of contact for information on the land navigation course is Range Control at DSN: 546-6131 or CIV: 0611-143-546-6131.

Annex O – Stationary Vehicle Cupula Firing Platform

1. PURPOSE: To establish procedures and responsibilities concerning Live Fire Exercise from stationary Vehicle.

2. GENERAL: Vehicle Live Fire will be conducted using range 1 (25m Range) and will consist of 2 firing lanes with 1 Soldier in the vehicle cupola at the 10m line to engage target from the gunner position.

3. SAFETY:

a. Vehicle Live Fire incorporates NO movement into the exercise. Soldiers and safety personnel must ensure that muzzle awareness is stressed at all times and that firers know their surroundings, left, right, front, and back at all times during the exercise.

b. Vehicle mounted weapons will be secured on the M6 pedestal mount used on the (HMMWV) and locked down using the M197 machine gun mount and travel lock. For added safety, a cargo strap will be used to ensure weapon system can not be elevated. The weapon will be on safe at all times and no ammunition in the vehicle. At no time will a weapon exceed an elevation of 0 degree angle. (See fig 1)

c. The OIC and safeties will verify the weapon orientation and weapon elevation before any ammunition is issued to the gunner. No other personnel will be allowed on the firing line during firing.

d. Firers will only use magazine loaded ammunition for their training engagements.

e. This exercise will only be conducted during day firing, no night firing of this exercise is allowed.

f. At no time will the vehicle move. The vehicles must remain in the static position. Only tactical vehicles will be used.

g. At no time will automatic firing be allowed, only 3-5 round bursts on target.

4. CONDUCT OF FIRE:

a. Listed below is a sequence of events and is intended as a model to conduct the Vehicle Live Fire exercise. At no time will the firing unit modify the sequence of events without approval by range personnel before it is executed. At no time will there be any deviation from the above safety requirements.

b. Sequence of events using a vehicle at the 10m line:

(1) First two firing orders will be identified; a firing order consist of one personnel per vehicle (Max of two Soldiers on firing line).

(2) The first firing order draws ammo from ammo point and moves to the 10 m firing line, the 2nd firing order will move up and standby at the 25m line.

(3) Personnel will enter vehicle from the rear passenger side door (1 X Gunner and 1X RSO). No other weapons will be allowed in the vehicle, but only mounted the crew-served weapon in the vehicle cupola. The rear passenger door (up range side) will be removed to provide unobstructed view into the vehicle by the OIC and firing line safety.

(4) The gunner will enter the cupola and the RSO will give the command to "lock and load" and identify their target.

(5) The RSO will relay to the OIC that firing line is ready; OIC will announce weapons free and commence to fire.

(6) Once the gunner has engaged the target, cease-fire is called and weapon is placed on safe.

- (7) RSO will verify the weapon system is cleared and have gunner police up dunnage.
- (8) The next firing order will rotate into the vehicle and start the training iteration.

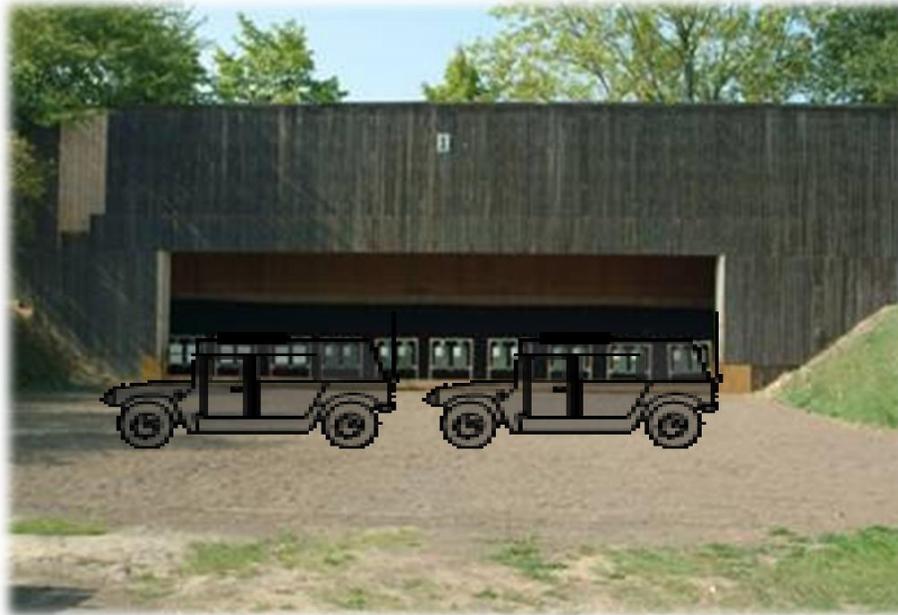
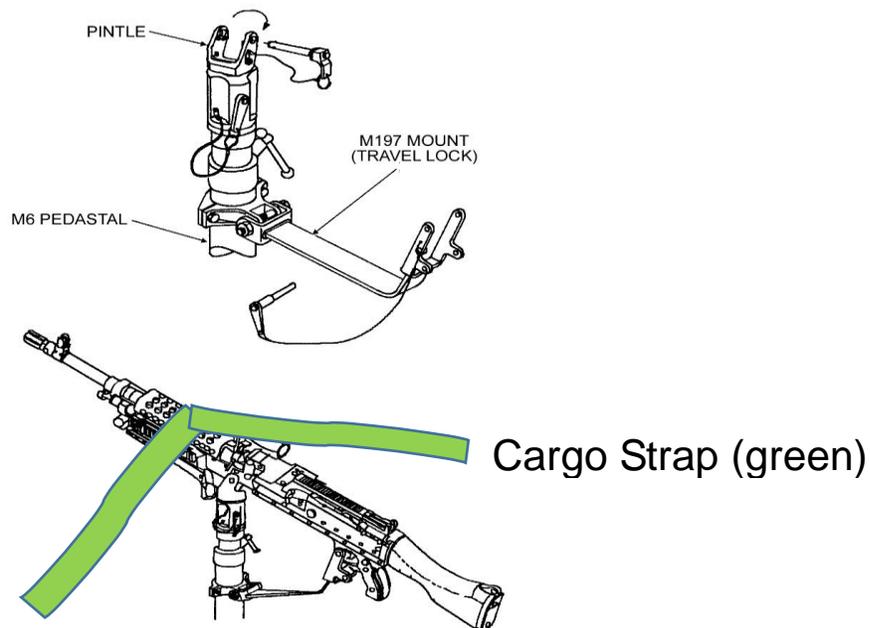


FIG 1



Annex P - Decertification of Safety Personnel

1. **De-Certification.** When a severe unsafe act is committed by an OIC, RSO or any individual for which the OIC or RSO is responsible for violations any Army Regulation or

this SOP the OIC, RSO or both will be immediately decertified. The facility will be closed unless the unit has other certified personnel present and can assume the duty.

2. **Notification.**

a. The Range Control will, by Memorandum or by email through the TSC, notify the individual's Company Commander of the circumstances leading to the decertification.

b. In order to be recertified, the O-5, which certified the individual as competent to serve as OIC or RSO, will reply by endorsement to the Training Support Center with the following information:

- (1) Why the individual allowed the situation to occur.
- (2) What steps will be taken to correct the situation.
- (3) What steps will be taken to prevent further occurrences.
- (4) Request that the individual be allowed to be recertified, if deemed appropriate.

2. **Re-Certification.** Upon notification by the Training Support Center that a response of corrective action has been received, Range Control section will recertify the individual(s) once the individual(s) have again attended and successfully passed the OIC/RSO certification training.

ANNEX Q - Encroachment

1. **Introduction.** This SOP applies to all users of Wiesbaden Local Training Area.

2. **Purpose:** To prescribe policies and procedures for operations within the Training Support Center; to specify safe operating instructions and keep unauthorized personnel out of Training Areas and Ranges

3. **Facility Location.**

4. **Description.** Encroachment is when unauthorized personnel enter the Training Area or Ranges and interfere with training or endanger himself or herself. The unit will take the following steps:

a. Report all unauthorized personnel, motorcycles and off road sport vehicles immediately to Range Control. No Privately Owned Vehicles (POVs) are authorized to enter the LTA or on any ranges including motorcycles and off road sport vehicles. Violators will be reported to range control who will notify the local Polizei and the Military Police to investigate.

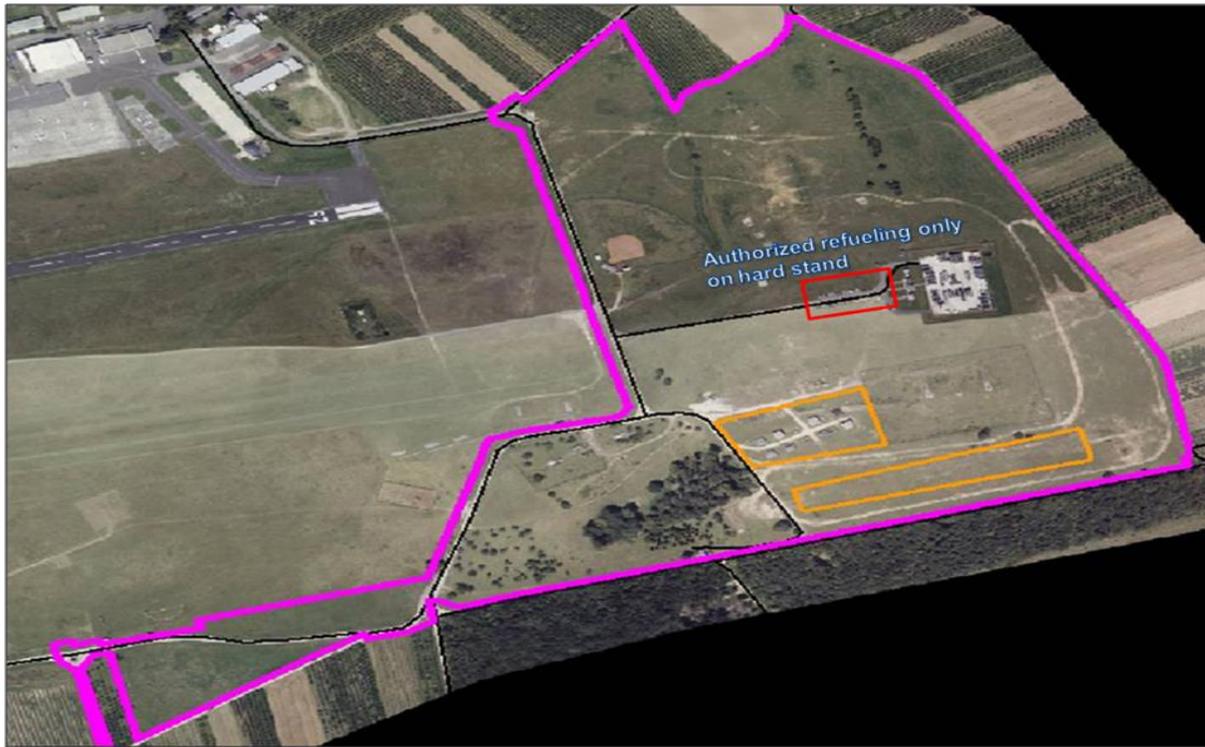
b. Report all violations to this policy immediately to Range Control. Report any unusual or suspicious occurrences, activities and/or attempts to enter the range or the Training Area, over or under the fence immediately to the Officer/NCO in charge. The Officer/NCO in charge will relay this information to range control personnel, for consideration and action as required. Additionally, the Officer/NCO in charge will halt and question all personnel desiring to enter the range complex or in the training area as to identity and purpose for entering the range/training area. Only those having legitimate business with Range Control, or training with a unit using the range will be allowed entry.

c. The Officer/NCO in charge will insure that, with the exception of the vehicle designated for the evacuation of wounded or injured personnel (or vehicles, if more than one unit is using the range/LTA), no other vehicles will be allowed entry to the range/LTA. There are no exceptions. It is unit responsibility to brief all guards prior to departing to their designated post and or prior to the unit going on a "wet" status. NOTE: Unless otherwise directed, at no time the guards will detain any vehicles, civilian or military or personnel on foot or bicycle, on or off the public roads near the range complex and in the Training Area. However, if unauthorized personnel attempts to enter, an attempt may be made to deter or dissuade the person's attempt. Range Control will be notified immediately by calling DSN 546-6131 or Civ: 06132-508-731.

Annex R – Spill Prevention Checklist for Refueling During Training Activities

1. **Units must obey the following steps while conducting refueling ops Within Finthen and Sand Dunes Training Areas.**

- a. Perform refueling activities away from streams, rivers, lakes, storm water drainage ditches, and flood prone areas or nearby land that drains directly to water resources.
 - b. Make sure that fuel pipes and hoses used for refueling are secured, properly connected and do not leak.
 - c. Ensure to turn off the engine (unless needed to operate pumps), parking brake is set and vehicles are chock blocked. **DO NOT MOVE VEHICLE DURING REFUELING.**
 - d. Provide portable containments in the form of buckets, drip pans, tarps, absorbent pads or other small spill and leak containers near each hose connection.
 - e. Units must **have proper Spill Kit** in place in case of spill.
 - f. The entire refueling operation must be conducted with supervision. **NEVER LEAVE REFUELING ACTIVITY UNATTENDED.**
 - g. Stop refueling immediately if leaks, spills, or unsafe conditions are observed.
 - h. Stop pumps when refueling is complete and close at least one valve immediately to prevent gravity flow.
 - i. If possible purge lines, hoses, and fittings without disconnecting lines.
 - j. Close tank vents and hatches. Return all other controls or equipment to original, inactive, or storage status.
 - k. Label fuel containers and keep them out of the way of training vehicle.
 - l. The appropriate material for handling equipment should be provided as needed.
 - m. All POL products must be properly disposed.
 - n. If units fail to follow these directives they will be ordered out of Training Area ASAP and a CCIR will be forwarded to their Chain of Command.
- 2. Unit will have the “RED PLAN” and Spill Prevention Checklist on site while conducting refueling operations.**



Sand Dunes LTA



ANNEX S - Scheduling

1. Quarterly Range/Training Resource Conference

a. All units desiring use of the TSC range/training resources must send a Unit S3 representative to attend the quarterly range/training resource conference. The representative must be on a valid signature card at the TSC. Failure to attend the quarterly range/training resource conference will result in units being unable to properly schedule ranges/facilities. In addition, all units must schedule their training by using Range Facility Management Support System (RFMSS).

b. The TSCs will conduct quarterly range/training resource conferences. These conferences will validate schedules and ensure maximum utilization of available training resources. Units will submit their training requests for ranges/training facilities at the conference. If a scheduling conflict occurs between units, it will be resolved during the conference. Unit cooperation and communication is the key to success during the conference and ensures that ranges and training resources are efficiently and effectively allocated to requesting units. Co-utilization is permitted, however, only two units may co-utilize a range or training facility at any one time. Any unreserved ranges or training resources may be requested on the day of the conference. The TSC will maintain records of the conferences and will ensure that training units are fully notified of the dates, times and locations of the conferences.

c. Unscheduled ranges/training facilities or LTAs can be requested 3 (working) days following the quarterly training resource conference.

d. Unit must receive a briefing 48 hours prior to utilizing a range/training facility. The range/training facilities will be assigned on a "first come, first served" basis.

e. "Land grabbing" by units is prohibited. Land grabbing is the act of scheduling all ranges/training facilities within a TSC AOR regardless of whether or not the unit intends to use the range/training facility. Land grabbing causes confusion and is not an efficient effective way of utilizing or allocating range/training facilities within the TSC AOR. If a unit is found to have a pattern of land grabbing it will be noted by the TSC and the RTSC will be notified. The RTSC will notify the unit S3 of the pattern and its prohibition in addition, will request that the unit refrain from the act. If this pattern continues all requests for ranges/training facilities by the offending unit will have to be initiated by the first LTC in the unit chain of command. If the pattern continues, the 7th Army Training Command (7ATC) will be notified.

f. Failure by a requesting unit to cancel scheduled facilities or ranges in writing to the TSC Range/LTA manager within 24 hours of the scheduled day or failure to use scheduled ranges or training resources will be reported to the RTSC. The RTSC will record and track the unit's pattern. Excessive no-show patterns by a unit will result in the unit being required to request training facilities from the first O-5/LTC in their chain of command for the rest of the quarter. If a unit continues to exhibit no-show patterns it will be reported by the RTSC to the ATC, DOT for action.

ANNEX T - Range Facility Management Support System (RFMSS)

1. References.

- a. User Guide to RFMSS, March 2004.
- b. RFMSS 2002 Fire Desk Operations Handbook, March 2004
- c. RFMSS 2002 Handbook for Range Control Schedulers, March 2004
- d. RFMSS 2002 Handbook for Functional Administrator (FA), March 2004

2. **Purpose.** This prescribes the basic policies and procedures for use of the Range Facility Management Support System (RFMSS) 2002 in support of training ranges, areas, and facilities under the control of the 7th Army Training Command (7ATC), Training Support Activity, Europe (TSAE).

3. **System Description.** The RFMSS 2002 system simplifies and enhances the current process of range / training facility management and scheduling functions at the Training Support Center (TSC) Range Control Level. It provides the capability to electronically submit requests for reservations of training facilities throughout the Training Support Activity, Europe (TSAE) AOR. Authorized users will be able to view available and scheduled facilities for approval, disapproval, and rescheduling of requests and identify scheduling, environmental, and safety conflicts. RFMSS will track, collect, monitor, and display range specific information to include utilization data. The concept of this system is to link the customers with the training range / facility resources within the USAREUR footprint through a Range Control Center at Regional Training Support Centers (RTSC) / TSCs facilitating the ability to conduct business via computer to improve the efficiency of managing an installation's training. Through the organizational structure of RTSC, RFMSS 2002 is the mechanism that empowers users of training facilities to exploit the resources available to them creating symmetry between the customer, RTSCs and TSCs.

4. Concept.

a. Fielding RFMSS 2002 within the RTSC areas of responsibilities (AORs) implements the Army – wide Range and Training Land Program (RTLTP) business process IAW AR 210-21 which provide an automated system to assist Army planners, trainers, and operators in maximizing the use of available resources (manpower, time and funding) associated with managing training land.

b. RFMSS supports the Army's Sustainable Range Management initiative that provides policy and procedures for tracking the expenditure of munitions on ranges. This information will be used to meet reporting and record keeping requirements of environmental regulations and internal DoD policy. RFMSS provides the capability to create and maintain records of munitions expenditures by DoD Identification Code (DODIC), by range, and using unit.

- c. What RFMSS 2002 is supporting.

(1) Five RTSC Regions, TSC Vicenza and TSC Benelux through a central database with end - user ability to view current availability and request for scheduling approximately 100 live - fire ranges and 49 training areas / facilities within the USAREUR AOR.

(2) ICW the RLTP and LTA range upgrades, increases potential utilization of LTA facilities.

(3) Provides increased training opportunities while potentially reducing OPTEMPO / PERSTEMPO.

(4) Places the customer in “the know” with real-time access of training resources available within USAREUR, accessible to all end users from one PC workstation.

d. What RFMSS 2002 provides.

(1) Increases and automates data capture in a single database to support future Army needs for reporting, budgeting, planning, and utilization.

(2) Automated and integrated support to facilitate a request priority system that is established at each installation.

(3) Electronic support for range and facility RFMSS 2002 scheduling requests by integrating the chain of command process including email notices.

(4) Approved installation map overlays available through semi-automated interface with ITAM map databases. In addition, RFMSS 2002 accepts other GIS industry-standard map databases.

(a) Supports ITAM integration with other functions of actual / predicted land usage based on reservation status and compares it to the current land status and makes recommendations to facilitate decisions concerning maneuver area closures (rest periods) due to excessive training loads.

(b) Log tracking function supports input of ammunition data for live fire facilities, which adheres to DA policy and procedures for recording munitions expenditures on Army ranges and is part of the Army’s Sustainable Range Management initiative.

(c) The ability to store, write, and access range and RTSC RFMSS 2002 documentation from a RFMSS 2002 desktop while simultaneously viewing any scheduling, operations, or Surface Danger Zone (SDZ) function. This includes an online digital library function, which enables the user to access regulations, pamphlets, manuals, letters, and Range SOPs for online reference.

(d) The capability to open any part of the RFMSS 2002 application while simultaneously viewing another part of the application (makes maximum use of the Windows environment).

5. Features.

a. Scheduling.

(1) RFMSS 2002 scheduling provides the ability for units that use the training facilities on an installation or other installations, to determine the availability of those facilities, submit requests for those facilities, and determine the status of their submitted requests.

(2) RFMSS 2002 scheduling provides the ability for a RTSC / TSC Range Control Center to initiate and process requests for managed facilities and publish a Range Bulletin listing the planned facilities for a defined period.

(3) The current schedule and the conflicts arising from requests are displayed graphically in the Two Week View. From the Two Week View window, users can view pertinent information about a facility, such as which weapons are allowed, before they select it as a possible training site.

(4) RFMSS users can submit multiple events / facility requests and all the requisite information that is associate with a request such as weapon and vehicle requirements, and target requirements.

(5) From the request form, users can also learn about any restrictions associated with their request.

b. Operations.

(1) RFMSS 2002 operation functions support RTSC Range Control Center "Firing Desk" operations.

(2) Graphical functions use the Geographical Information System (GIS) to display information maps and data.

6. Responsibilities.

a. 7th AATC, TSAE: Overall responsible for:

(1) Functional Administration (FA)

(2) System Administrator (SA)

b. Training Support Centers (TSC) Range Control: Overall responsible for:

- (1) Processing of unit range/facility requests into RFMSS at TSC location.
- (2) Notification to the FA of changes to range/facility status requiring updating within the RFMSS database.
- (3) Monitoring of qualified RFMSS operators performing duties as Range Schedulers and/or Firing Desk Operators.

6. Training Concept.

- a. All RFMSS training has been completed as of 1 Feb 06. Each RTSC has a dedicated RFMSS Administrator who manages the RTSC Database for their region.
- b. When new Firing Desk personnel require training, the request will be forwarded to the Training Support Activity Europe (TSAE) Range and Training Land Program (RTLTP) office for scheduling of the training.

7. Conduct of Unit Training. Servicing TSC Range Controls will be responsible for conducting user training to all unit representatives within their Area of Responsibility (AOR). The standardized two (2) hours Power Point presentation will be utilized to conduct this training. This will ensure that all units with USAREUR receive the same detailed training. All training will be conducted online in the active RFMSS database.

a. Resources required:

- (1) Learning Resource Center with online capability.
- (2) Screen
- (3) Projector
- (4) Computer for Power Point presentation.

b. There is no training database for the units to be trained on so each TSC Range Control will select a month and year from their operational database (scheduling calendar) to conduct this training. This will allow Range Control to delete all activities related to the training at a later date without confusion.

Unit Responsibility. Upon completion of training all units in USAREUR will schedule all training ranges and facilities through RFMSS. Only authorized personnel will have access to RFMSS through the Battalion S-3 office. User name and password will be restricted to five (5) individuals per Battalion, three (3) individuals per separate Company or Detachment. Units desiring Chain of Command (CoC) approval over their organic and attached units will inform the servicing Range Control before the conduct of User Training. This allows Range Control time to establish this feature within the RFMSS database.

ANNEX U - Smoke, Pyrotechnics, and Blank Ammunition

1. The use of smoke, pyrotechnics, or blank ammunition requires special attention. Blanks and Pyrotechnics will be authorized in accordance with the restrictions as laid down in the final designation paper of the German MOD Dated: 21 Aug 2001: "When utilizing training ammunition during the course of training it will be considered that such training will only be conducted at the greatest possible distance from built-up areas of the community and in the Administrative Agreement between the Federal Minister of Defense and the Commander in Chief, United States Army, Europe and Seventh Army Dated: 18 Mar 1993. "Where training with blank ammunition is necessary outside the static firing facilities of firing lanes to meet national training standards, such training shall only be conducted at the greatest possible distance from built-up areas consistent with the size, location and topographic characteristics of the training area"
2. Approval of pyrotechnics usage is required. A request must be submitted to Range Control. It is the unit's responsibility to attempt to control all fires caused by the use of pyrotechnics, during dry weather conditions, pyrotechnics may only be used with metal protective containers to prevent fires. Report any fires in the LTA immediately to the fire Department at DSN: 117, Range Control must be notified ASAP.
3. Once approved by Range Control for the use of any smoke, pyrotechnics, and blank ammunition the OIC must have a RSO on-site during the training event. The OIC will ensure all Soldiers will receive a safety briefing on the proper use to avoid any injuries.

Warnings on use of Smoke Grenades

**UNCLASSIFIED// 292008ZJUN05
FROM CDR JMC ROCK ISL IL/SFSJM-QAS// 740 (A)**

SUBJECT: AMMUNITION INFORMATION NOTICE (AIN) 67-05HC WARNING LABEL FOR FOLLOWING DODICs: G930, K865, K866, K867, K874.

A. AR 385-63, RANGE SAFETY.

B. EXPLOSIVES SAFETY BULLETIN (VOL 5, ISSUE 2), MAY 1994.

1. AIN 66-05 WAS TRANSMITTED ON 281627ZJUN05.

2. THIS AIN SUPERSEDES AIN 48-03.

3. BEFORE ISSUING FOR TRAINING, QASAS WILL ENSURE THAT AS A MINIMUM EACH OUTER PACK (OP) OF EACH LOT OF ABOVE DODICs HAS A WARNING LABEL OR STENCIL, ALERTING THE USER TO THE HAZARDS OF HC SMOKE.

4. EACH OP LACKING A WARNING LABEL/STENCIL WILL BE LABELED /STENCILED WITH FOLLOWING WORDING BEFORE BEING ISSUED TO UNIT:

**"DANGER-DO NOT USE HC IN CONFINED OR ENCLOSED AREAS-
PERSONNEL MUST WEAR THE PROTECTIVE MASK
IN ANY CONCENTRATION OF HC SMOKE"**

5. ADDITIONALLY, EACH DA FORM 581 CONTAINING ABOVE DODICS FOR ISSUE WILL BE ANNOTATED WITH ABOVE "DANGER" WARNING.

6. REF B MAY BE OBTAINED THROUGH WEB SITE https://www3.dac.army.mil/es/documents/vol5_iss2.pdf OR BY CALLING DSN 956-8771 (918-420-8771). RECOMMEND PROVIDING UNITS WITH REFERENCE B DURING ISSUE OF HC AMMUNITION.

7. POC IS BILL AKINS, SFSJM-QAS, DSN 793-7552; E-MAIL WILLIAM.AKINS@US.ARMY.MIL

8. THIS AIN EXPIRES 31 AUG 06, UNLESS OTHERWISE SUPERSEDED OR RESCINDED.

9. ASIS AND WEBSITE WILL BE UPDATED IN A SUBSEQUENT MESSAGE.

10. If smoke grenades of any type are being used, then as a reminder it is not only HC smoke, any smoke producing item displaces oxygen can be extremely hazardous in a confined space like a hole, cave, or training building,

11. A gas mask will not help at all if there is not enough oxygen. There have been fatal accidents in past training exercises like throwing a smoke grenade into a building or vehicle to simulate a chemical attack.

12. In addition, before training the ammo NCO will ensure that as a minimum each outer pack (op) of each lot of above DODICs has a warning label or stencil, alerting the user to the hazards of HC smoke. Each op lacking a warning label/stencil will be labeled / stenciled with following wording before being issued to unit:

**"DANGER-DO NOT USE HC IN CONFINED OR ENCLOSED AREAS-
PERSONNEL MUST WEAR THE PROTECTIVE MASK
IN ANY CONCENTRATION OF HC SMOKE"**

NOTE: Each DA form 581 and 5515 containing above DODICs for issue will be annotated with above "danger" warning.

ANNEX V - EUROPEAN AMMUNITION INFORMATION NOTICE (EAIN) 05-07

SUBJECT: European Ammunition Information Notice (EAIN) 05-07: Malfunction Reporting – Supplemental QASAS and Range Safety Officer Guidance

1. LAST EAIN 05-06 WAS TRANSMITTED ON 3 NOV 05.

2. REFERENCES:

A. AR 75-1, DTD 23 APR 2001, SUBJECT: Malfunctions Involving Ammunition and Explosives

B. UR 700-150, DTD 2 APR 2002, SUBJECT: Conventional Ammunition Services

C. UR 742-2, DTD 7 APR 1994, SUBJECT: USAREUR Ammunition Surveillance Program

D. EAIN 05-03, DTD 17 MAR 05, SUBJECT: Malfunctions Involving Ammunition and Explosives

3. In the event of a class A or B malfunction; the training area range safety officer (RSO) will contact the 200th MMC – munitions division – theater surveillance office immediately. During normal duty hours call DSN 484-8992 or 8993. After duty hours contact staff duty officer at DSN 484-7500 or com 0631- 413-7500. **IT IS IMPERATIVE THAT THIS OFFICE (200TH MMC – MUNITION DIVISION – THEATER SURVEILLANCE OFFICE) BE NOTIFIED OF MALFUNCTIONS AS SOON AS POSSIBLE.**

4. In addition, the QASAS, Referencing USAREUR regulation 700-150, Paragraph 6-2c (2) will “Report Malfunctions and findings by the most expeditious means available to the Commander, 200th MMC (Aerla-MMC-MD). Means of reporting can include, but are not limited to, telephone, message, fax, or email. If possible, pictures should be included with the report to facilitate command decisions. Reporting by email may be used in addition to, but not as a substitute for reporting by telephone or message. **QASAS WILL REPORT ALL MALFUNCTIONS REGARDLESS OF CLASS.**

5. Local suspension of ammunition involved in a malfunction (Ref: USAREUR Regulation 700-150, Paragraph 6-4a(1)(a) is required. Local suspensions of ammunition involved in malfunctions will be reported to: 200th MMC-Munition Division-Theater Surveillance Office as soon as possible.

6. This EAIN has been coordinated with USAREUR G4, MR. DAVID GALGANI, DSN 370-8817, E-MAIL: david.galgani@us.army.mil

7. This EAIN will remain valid until 13 Dec 2006 until otherwise rescinded or superseded.

8. POCs are Mr. Scott A. Barton, QASAS, Munitions Division Surveillance Section, DSN 484-8993, E-MAIL: scott.a.barton@us.army.mil and Mr. Joseph W. Cambron, QASAS, Munitions Division Surveillance Section, DSN 484-8992, FAX: DSN 484-8985, E-MAIL: joseph.cambron1@us.army.mil .

ANNEX W – Reports

DATE: _____

TO 7A ATC, TSC Wiesbaden, ATTN.: Range Control, APO AE 09096, CMR 467

*** UNIT: _____

SUBJECT: **Assumption of Responsibility for Wackernheim Ranges.**

During my unit's occupation of _____ Range(s)

DATE FIRING ON RANGE: _____ TIME: _____

a. Primary OIC/NCOIC _____

Print Name/Rank SSN (last 4) Date OIC Roster

b. Alternate OIC/NCOIC _____

Print Name/Rank SSN (last 4) Date OIC Roster

c. RSO _____

Print Name/Rank SSN (last 4) Date OIC Roster

Print Name/Rank SSN (last 4) Date OIC Roster

d. CLS / Medic _____

Print Name/Rank SSN (last 4) Date of Certification

e. Type weapons fired/caliber/type of ammunition:

f. Type of Training _____

1. I assume total responsibility for my units conduct and will ensure all training conducted meets the safety standards published in all pertinent army publications and the Range Control SOP.

_____ Your Initials

2. I have read and understand the Wiesbaden Range Control SOP. I have a copy in my possession, which will be maintained, in my range packet throughout the period of occupation.

_____ Your Initials

3. My unit will comply with all standards set by the Wiesbaden Range Control SOP and the references sided there within. All Soldiers received a range safety briefing.

_____ Your Initials

4. I was briefed and will comply on the prohibition of Tracer fire on all 25m ranges.

_____ Your Initials

5. I will submit an **After Action Report** upon completion of training.

_____ Your Initials

Signature of OIC/NCOIC _____ Print Name/Rank: _____

Phone Number: _____

RANGE CONTROL USE: Concurred/Briefed by _____ on _____
at _____.

Initials _____ Date _____ Time _____

AEAGC-TD- TSAE

DATE _____

MEMORANDUM FOR All Users of USAREUR 25-Meter Ranges

SUBJECT: Briefing on the Restriction of Firing tracer rounds on all USAREUR 25-Meter Ranges

1. PURPOSE: This memorandum, when signed by Unit Officers in Charge (OIC), Non-Commissioned Officers in Charge (NCOIC) and Range Safety Officers (RSO) below certifies that they have received a detailed briefing on range restrictions from a member of the Range Control Staff, and fully understand the restrictions and the possible actions under UCMJ when the restrictions are violated.

2. BRIEFING: Presented to all Unit Officers in Charge (OIC), Range Safety Officers (RSO), and Non-Commissioned Officers in Charge (NCOIC) will receive a briefing from Range Control Personnel prohibiting the firing of tracers on all USAREUR 25-Meter Ranges. The briefing will include but not limited to the following:

- a. All tracer rounds are prohibited to be fired on any USAREUR 25 Meter Range at anytime.
- b. Unit's ammunition will be inspected by the Range Control Personnel prior to the Range being placed in a wet status and periodically to ensure that the firing unit complies with the restriction of no tracer firing on 25-meter ranges.
- c. The possible actions when the SOP restrictions are violated may include, OIC decertification, UCMJ Action, Unit requested to depart the Range and the Commander, RTSC Chief, and the Chief of TSAE, 7th AATC being notified of the violation.

3. POC this action is the Range Control / LTA Manager at DSN: 546-6131.

I certify that I have been briefed by a member of the Range Control Staff on the above date and fully understand all restrictions pertaining to Range Operations.

PRINT OIC NAME: _____

UNIT / PHONE: NUMBER: _____

DATE: _____ REMARKS _____

RANGE SAFETY OFFICER: _____

UNIT / PHONE NUMBER: _____

DATE: _____ REMARKS _____

TSC RANGE PERSONNEL GIVING THE BRIEFING:

NAME: _____

POSITION: _____

DATE: _____ Remarks _____

RANGE UTILIZATION REPORT

DATE: _____

TO 7A ATC, TSC Wiesbaden, ATTN.: Range Control, APO AE 09096, CMR 467

*** UNIT: _____

SUBJECT: After Action Report for Ranges

Submit this form in one copy upon completion of training to include the following:

a. Date of occupation: _____ TIME: _____
One Sheet per Firing Day

b. Range(s) utilized

Ranges	Caliber	Brought AMMO	Fired AMMO	# People
Range: 1				
Range: 2				
Range: 3				
Range: 4				
Range: 5				
Range: 6				
Range: M203				
Range: Hand Grenade Course				
NBC Chamber - Personnel				
Classroom				

(COMPLETED BY RANGE CONTROL)

I release your unit from all responsibilities for the following range(s)

Signature: _____ Print Name: _____

Date: _____ Time: _____.

NIGHT FIRE REQUEST

YOUR UNIT'S LETTERHEAD

YOUR REFERENCE OR OFFICE SYMBOL

Date

MEMORANDUM FOR: COMMANDER, 7th US Army ATC, TSC-Wiesbaden
ATTN.: Range Control, APO AE 09096, CMR 467

SUBJECT: Extension of Range Hours for Night Fire

1. Your Unit requests an extension of the range hours to conduct Night Fire Qualifications.

2. We request to conduct night fire from _____ to _____ from _____ until _____
hours. (Dates) (Time)

3. POC is the undersigned at DSN.

COMMANDERS SIGNATURE

ASSUMPTION OF RESPONSIBILITY

DATE: _____

MEMORANDUM FOR: COMMANDER, 7th A ATC, TSC Wiesbaden
ATTN.: Range Control, APO AE 09096, CMR 467

*** UNIT: _____ LOCATION: _____

SUBJECT: Assumption of Responsibility for Wiesbaden Local Training Areas (LTA).

During my unit's occupation of
Area(s) _____ . Grid: _____

from _____ to _____.

1. I assume total responsibility for my unit's conduct and will ensure all training conducted meets the environmental and safety standards published in all pertinent army publications and the Wiesbaden Range Control SOP.

2. I have read and understand the Wiesbaden Range Control SOP. I have a copy in my possession, which will be maintained in my range packet throughout the period of occupation.

3. My unit will comply with all standards set by the Wiesbaden Range Control SOP and the references sited there within. All Soldiers will receive a safety briefing as outlined in the Wiesbaden Range Control SOP.

4. Turn in AFTER ACTION REPORT to Range Control upon completion of training. I agree to meet Range Control at (location) _____
(date) _____ (time) _____ to clear my unit from
area(s) _____

5. During premaneuver reconnaissance the following discrepancies/damages were noted: _____

6. Submit the following information of exercise and make necessary changes upon completion to include the following:

a. CP/TOC location (six digit grid) _____

b. Type of training: _____

c. Total number of Soldiers in LTA: _____

d. What Mission did this Training Support: _____

e. METL Related: YES NO

TRACKED VEHICLES: M113/M577 _____ other _____

WHEELED VEHICLES: CUCV_____ HMMWV_____ 5t_____
HEMTT_____ TRACTOR/TRAILER_____ other_____

HELICOPTERS: OH-58_____ UH-60_____ AH-1H_____
CH-47_____ other_____

Signature:_____. Name/Rank:_____

Phone:_____ Date:_____ Time: _____

RANGE CONTROL USE:

Concurred/Briefed by _____ on _____ at _____
Initial Date Time

AFTER ACTION REPORT

The following damage occurred during exercise:

1. Attach an acetate overlay indicating:
 - a. Areas of operation:
 - b. Damage marked by an "X":
 - c. Damage indicated on the overlay must be numbered to correspond with the listing of maneuver damage.
2. Concur data given in Para 6 and if necessary make changes.

Signature:_____. Name/Rank:_____

Phone:_____ Date:_____ Time: _____

(COMPLETED BY RANGE CONTROL)

1. I release your unit from all responsibilities within area(s) _____.

Signature:_____ Print Name:_____

CO-UTILIZATION FORM

DATE: _____

TO COMMANDER, 7thA ATC TSC-WIESBADEN, ATTN: RANGE CONTROL, APO
09096

FROM COMMANDER, _____

SUBJECT: Co-utilization of LTA/RANGE

1. The _____ agrees to allow _____
(OWNING UNIT) (SHARING UNIT)
to co-use Area/Range _____ on _____
(DATES)

2. This Area/Range will be used for: _____

3. Should the _____ cancel the above LTA/Range on
(OWNING UNIT)
dates indicated, the _____ becomes solely responsible for the LTA/Range.
(SHARING UNIT)

4. POC for each unit will be:

OWNING UNIT _____
(PRINT NAME/RANK/PHONE NUMBER)

(SIGNATURE)

SHARING UNIT _____
(PRINT NAME/RANK/PHONE NUMBER)

(SIGNATURE)

Note: Co-use agreement must be submitted to Wiesbaden Range Control prior to dates of training.

FINAL LTA CLEARANCE

a. Police of Area: All the following items must be cleared from the area.

Trash	Yes_____	No_____	
Commo Wire	Yes_____	No_____	
Concertina Wire	Yes_____	No_____	
Pyrotechnics	Yes_____	No_____	
Grounding rods	Yes_____	No_____	
Tents, tent stakes	Yes_____	No_____	
Markings Removed	Yes_____	No_____	N/A _____
Restoration of Land	Yes_____	No_____	N/A _____
Port Latrines Removed	Yes_____	No_____	N/A _____

b. The following Maneuver Damage was identified:

Trees/ Foliage	Yes_____	No_____
POL spills	Yes_____	No_____
Barriers/ Fences	Yes_____	No_____
Signs	Yes_____	No_____
Restricted area	Yes_____	No_____

c. Foxholes / Dug Positions

Filled in and Marked With Engineer Tape	Yes_____	No_____
--	----------	---------

Deficiencies noted for work/service orders or maintenance service:

Inspected by _____
Print

Date _____

OIC / NCOIC _____
PRINT

SIGNATURE



DEPARTMENT OF THE ARMY
 UNIT INFORMATION
 XXXXXXXXXXXX
 APO AE 09165

AETV-XXX-XX

DATE

MEMORANDUM FOR: HQs, 7th US Army ATC, CMR 467, APO AE 09005; ATTN: Wackernheim Range Control Operations.

SUBJECT: Certification of Range and NBC OIC, NCOIC, Safety Officer, and Safety NCO.

1. I certify that the following personnel certified to perform duties as OIC/RSO at Wiesbaden Training Area and Wackernheim Ranges IAW AR 385-63. All necessary briefings were performed on-site or distance learning programs.

(LIST ALL PERSONNEL ALPHABETICALLY BY NAME)

NAME	RANK	SSN (last 4)	Range OIC / NCOIC	Range Safety OIC / NCOIC	NBC OIC / NCOIC	NBC Safety OIC / NCOIC
Pain, Michael	MAJ	1111	X	X	X	X
Stan, TheMan	CPT	2222	X	X	X	X
Old, Bill	MSG	3333	X	X	X	X

See page 16 of SOP for minimum rank requirements for OIC and RSO

2. Civilians in the grade of general schedule (GS)-07 and above, or equivalent, may act as OIC; GS-05 and above, or equivalent, may act as RSO.
3. OIC and RSO must be CBRN qualified when conducting CBRN or smoke training.
4. This roster supersedes all previously submitted rosters by this unit.
5. POC this unit is (name(s) and phone numbers(s)).

SIGNATURE OF BATTALION/SQUADRON COMMANDER
(NOTE: THIS WILL NOT BE A SIGNED FOR MEMO)

NOTE: IN THE EVENT THAT AN ACTING BATTALION/SQUADRON COMMANDER (TEMPORARY DUTY ASSIGNMENT) SIGNS THIS ROSTER, THE ROSTER MUST BE ACCOMPANIED BY THE ASSUMPTION OF COMMAND ORDERS. THE ROSTER WILL REMAIN VALID ONLY FOR THE TIME FRAME INDICATED ON THE ASSUMPTION OF COMMAND ORDERS (see example below).

ASSUMPTION OF COMMAND ORDERS EXAMPLE

YOUR UNIT'S LETTERHEAD

YOUR REFERENCE OR OFFICE SYMBOL

MEMORANDUM FOR: COMMANDER, 7thA ATC, TSC-Wiesbaden
ATTN.: Range Control, APO AE 09096, CMR 467

SUBJECT: Assumption of Command

1. The undersigned assumes command of Unit Name

Authority: Paragraph 2-3a, AR 600-20.

Period: Start Date - End Date

Effective Date: Date

Organization: Unit, APO

2. POC is the undersigned at DSN.

COMMANDERS SIGNATURE BLOCK

**Training Support Center, Wiesbaden, ATTN: AEAGC-TD-SR-F,
Range Incident Report Form**

2-1 COMMANDER'S CRITICAL INFORMATION REQUIREMENTS (CCIR) REPORT

a. There are two types of CCIR - routine and serious. The format for both reports is:

- Line 1: Date and time of the incident.
- Line 2: Reporting RTSC/TSC.
- Line 3: Type of incident.
- Line 4: Describe incident.
- Line 5: Damages to property or equipment.
- Line 6: Types of injuries/status of injured.
- Line 7: Action taken to correct incident.

b. Routine reports will be submitted to by e-mail to the Deputy Chief, TSAE and TSAE Operations as they happen.

c. The following are deemed serious CCIR and will be immediately reported by phone and e-mail to TSAE Chief, Deputy Chief, and Chief, TSAE Operations Branch.

(1) Injury or death of an employee, Army employed contractor, or anyone in the training area/ranges.

(2) Vandalism in the training areas, ranges, and facilities.

(3) Encroachment that results in damage or loss of training time.

(4) Major TADS not mission capable (COFT, AVCATT, EST, MCCTT).

(5) Fires in the training area.

(6) Loss or recovery of sensitive items in the training area.

(7) Any vehicle accident in a training area or any vehicle accident involving a TSAE employee.

(8) Any hospitalization of a TSAE employee or family member.

d. If a serious CCIR happens after duty hours it will be reported telephonically to Chief TSAE, Deputy Chief, or Chief of TSAE Operations using the TSAE alert roster.

ANNEX X: Emergency/POC telephone numbers

EMERGENCY PHONE NUMBERS

TSC WIESBADEN: DSN: 546-6106
CIV: 0611-143-546-6106

TSC CHIEF: DSN: 546-6170
CIV: 0611-143-546-6170

RANGE CONTROL: DSN; 546-6131
CIV: 0611-143-546-6131

CLAY CLINIC: DSN: 590-5762
CIV: (06371) 9464-5762

FIRE DEPARTMENT: 117, DSN: 337-5883
CIV: 0611-705-5883

MP STATION: DSN: 548-5096
CIV: 0611-143-548-5096

ENVIRONMENTAL: DSN: 548-4086
CIV: 0611-143-548-4086