

**OHIO MILITARY RESERVE**



**206.00**

Standing Operating Procedure

**COMPETITIVE  
UNIT  
MARKSMANSHIP  
PROGRAM**

Headquarters, Ohio Military Reserve  
Office of Plans, Operations and Training  
1000 Lawrence Road  
Camp Perry Training Site  
Port Clinton, Ohio 43452-9578

**01 August 1996**

**OHIO MILITARY RESERVE**  
Office of the Marksmanship Coordinator  
1000 Lawrence Road, Camp Perry Training Site  
Port Clinton, Ohio 43402-2921

OHMR-MC

01 Dec 96

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Competitive Unit Marksmanship Program SOP 206.00

1. REFERENCES

FM 19-10  
FM 19-95B  
FM 23-9  
FM 23-25  
AFP-50-63, Vol I & II

2. GENERAL

This SOP establishes a uniform system and standards for competitive unit marksmanship courses of fire, scoring and award posting.

3. PURPOSE

The purpose of this SOP is to provide a uniform program of competitive unit marksmanship to foster esprit de corps and morale.

5. SCOPE

This SOP will apply to all personnel under the command and control of the OHMR.

6. RESPONSIBILITY

The primary administrator of this policy will be the Corps Marksmanship Coordinator though the Brigade and Battalion Marksmanship Coordinators, under the direction of the Deputy Chief of Staff, Plans, Operations and Training, and through the respective S-3s. Commanders at all levels are responsible for facilitating the application of this SOP through the Marksmanship Coordinators and S-3 Sections.

7. STRUCTURE

- a. Pistol/ revolver marksmanship events may be conducted in addition to or in conjunction with, but not instead of, basic training and annual qualification with those weapons.
- b. Rifle marksmanship may be instructed for the purposes of esprit-de-corps, morale and competition. All members of the unit are considered reserve members of the unit marksmanship team and are encouraged to develop their shooting skills. Unit commanders and Marksmanship Coordinators may form their own teams from within their units.
- c. The Marksmanship Coordinator at each level may arrange days for rifle marksmanship instruction and qualification but they will be in addition to the normal drill schedule.
- d. The Marksmanship Coordinator will devise a system for recognizing the unit's top shooters annually. The Marksmanship Coordinator will also be responsible for coordinating competitive events within the unit or among military and law enforcement units in the area.

8. AUTHORIZED COURSES OF FIRE

- a. There are four authorized courses of fire:
  1. Rifle - US Army Alternate Course "C", FM 23-9  
(see Annex A)

2. Rifle - US Army Alternate Course "C" , 15 Meter Indoor (smallbore), FM 23-9 (see Annex B)
3. Rifle - USAF Course, AFP 50-63V2 (see Annex C)
4. Pistol/Revolver - US Army Military Police Firearms Qual. Course, FM 19-10 (see Annex D)

b. The determination of the course which will be fired will be based upon the resources and facilities available and will be made by the respective S-3, with input from his Marksmanship Coordinator.

c. Other military courses of fire may approved by the Corps Marksmanship Coordinator for use based on conditions and available facilities. Request for approval will be submitted by the local marksmanship coordinator to the Corps Marksmanship Coordinator along with the official course name, branch of service, number, course of fire, standards, and targets.

#### 9. AUTHORIZED WEAPONS

a. The following weapons are authorized for use for in the competitive unit marksmanship training, qualification and competition:

1. M-1 Rifle
2. M-1 Carbine
3. M-14 Rifle
4. M-16 Rifle
5. AR-15 Rifle
6. .22 caliber rifle
7. .38/.357 caliber revolver with 4" barrel
8. 9mm or .45 caliber semi-automatic pistol of conventional design

b. All sights will be standard open sights without modification.

c. Sporterized versions of standard weapons or stock modifications of standard weapons are prohibited. Other rifles in military calibers are not permitted.

d. At the request of the Range Officer, an individual will field strip and reassemble his/her weapon to show familiarity and competence.

e. Personally owned weapons will not be taken into armories or on to military installations without prior approval of the facility commander.

#### 10. WEAPONS RECORD

a. All personnel firing personally owned weapons will supply to the local Marksmanship Coordinator the make, model, caliber and serial number of the weapon.

b. This record will be kept in strict confidence by the local Marksmanship Coordinator and will not be made available to any party without the express direction of OHMR-G3.

#### 11. WEAPONS QUALIFICATION CARD

a. Before leaving the range area, the firer and the range officer or marksmanship coordinator will complete all sections of the OHMR Form 522 (Dec 96), Small Arms Training Training Data and Firearms Qualification Card (Annex E).

b. The front of the Form 522 data record is self explanatory; the back may be used, if desired, to record phase or table scores. The upper portion of the detachable wallet-sized card section must be completed. The "Assigned Weapon" section need only be completed if the individual is assigned a primary duty weapon. The weapon may be a specific unit/state owned weapon or a personally owned weapon with which the individual has qualified. (NOTE: This does not limit the individual to use of a single assigned and/or personally owned weapon. Personally owned weapons for which an individual is qualified may still be turned into the armorer, recorded and then drawn as an issued weapon. The space available on the card is

limited to a single weapon. It is there only to simplify the process of assigning and/or issuing a personally owned weapon to an individual or identifying a specific unit/state owned weapon which is assigned to the person.) It is recommended that the individual select the weapon most likely to be carried, i.e. a unit/state owned weapon or a personally owned weapon, to be entered here.

c. The rear of the Form 522 will show the most current weapon qualification as well as any still valid and carried forward from the individual's previous Form 522. An individual may not have more than one valid Form 522 wallet card in their possession; the most recent card is always the currently valid card.

d. The data card will be forwarded to the individual's Unit Marksmanship Coordinator within five days of the firing date. The data cards will be kept in a separate file and be discarded upon expiration.

## 12. POSTING OF SCORES/QUALIFICATION/AWARD

a. Upon receipt of the Small Arms Training Data card, the Unit Marksmanship Coordinator will prepare a posting sheet (see Annex F) and distribute it within thirty (30) days of the firing date.

b. The posting sheet distribution will be a single copy to each of the following:

1. Marksmanship Coordinator file
2. Unit Training NCO
3. Unit Commander
4. Battalion or Brigade Commander

c. The Unit Training NCO will process the posting as follows:

1. Update individual Consolidated Weapons Qualification Record (CWQR), Form 431-2-90 (see Annex F) for each shooter, placing a new copy in the Individual Training File and forwarding a copy to Corps for placement in the Corps MPRJ. In all cases, superseded CWQR will be removed and destroyed. The record of personnel who scored Did Not Qualify (DNQ) will not be transcribed to the CWQR.

2. File the original posting in the Unit Marksmanship File (File 23).

d. The Unit Commander of the shooter will announce the shooting award at an appropriate formation.

e. The posting sheet and the CWQR will represent the authority to wear the designated shooting badge and/or bar.

## 13. AWARDS

a. Marksmanship badges will be awarded in the grades of Marksman, Sharpshooter and Expert. The badge will be the same as is worn by the U.S. Army. Wear of the badge will conform to AR 670-1 and OHMR uniform regulations.

b. The following qualification devices (bars) are authorized:

1. Carbine
2. Rifle
3. M-1
4. M-14
5. M-16 (may be worn for AR-15 qualification)
6. Smallbore (.22 caliber rifle qualification)
7. Pistol

c. Only one badge per grade (marksman, sharpshooter, expert) may be worn at any one time, not to exceed a total of three. Duplicate bars will not be worn, i.e. a M16 Sharpshooter and a M16 Expert. The highest badge/bar combinations earned may continue to be worn regardless of subsequent scores.

#### 14. RANGE POLICIES

a. The Marksmanship Coordinator will be the range master at all live fire events and will be assisted by range officers.

b. All range officers will be current National Rifle Association (NRA) certified instructors, or OHMR certified firearms instructors for the type of weapon that is being fired (pistol/revolver, rifle or shotgun). Only the range master, assigned range officers, and assigned coaches may be on the firing line.

c. All weapons will be maintained in an unloaded state until directed by the range master.

d. All shoulder weapons will be maintained in a safe, muzzle elevated position at all times, except at the firing line where weapons will be maintained in a safe, muzzle-downrange position.

e. All weapons will be treated as if they are loaded at all times.

f. The finger will be placed on the trigger only when the weapon's sights have engaged the target.

h. Smoking, eating, drinking and the rendering of salutes are prohibited on the firing line.

i. Non-military personnel are not permitted in the range area during any live fire event. This includes spouses, family, friends and prospective recruits.

j. All live fire exercises will be run following customary NRA range procedures and rules.

k. Untrained shooters will not be permitted to fire in competition until they have completed the basic firearms training and qualified with their particular weapon or have demonstrated proficiency to the satisfaction of the Marksmanship Coordinator.

l. All live fire exercises will be preceded by a safety orientation for all shooters under the supervision of the Marksmanship Coordinator.

m. All score sheets will be collected at the range by the Marksmanship Coordinator.

Failure to submit score sheet at the conclusion of firing will void the individual's record for that exercise.

#### Annexes:

A - US Army Rifle Alternate Course "C"

Brigadier General, OHMR

B - US Army Alternate Course "C",

Deputy Commander

Indoor Smallbore

C - USAF Rifle Qualification Course

D - US Army Military Police Firearms Qualification Course

E - Small Arms Training Data and Firearms Qualification Card, OHMR Form 522

F - Marksmanship Posting Memorandums

and Consolidated Weapons Qualification

Record, Form 43-2-90

G - Firearms Safety Rules

H - Range Operations Checklist

#### DISTRIBUTION:

Corps SOP Binder

All Bde Cdrs

All Bn Cdrs

All Marksmanship Coordinators

ANNEX A  
U.S. Army  
Rifle  
Alternate Course "C"

## Section IX. ALTERNATE QUALIFICATION COURSES

Units should conduct rifle qualification on a standard record fire range. Convenience and comfort should not be the prime consideration when choosing a range. The known-distance alternate course is used by all components of the Active Army, US Army Reserve, and Army National Guard when a standard record fire range is not available. The 25-meter alternate course is used when neither a standard record fire nor a known-distance range is available for rifle qualification. Units are permitted to use the 15-meter scaled alternate course only if a 25-meter range is not available.

The official records of personnel who are using an alternate rifle qualification course are noted to distinguish alternate qualification ratings from standard record fire course ratings. For example, official personnel records are annotated as follows:

JONES, John Q. 000-00-0000 Expert 36 (RF)

JONES, John Q. 000-00-0000 Expert 38 (KDAC)

JONES, John Q. 000-00-0000 Expert 38 (AC)

### THE 25-/15-METER ALTERNATE COURSE

The 25-/15-meter alternate course provides units a way to test a soldier's rifle marksmanship proficiency. A soldier undergoing rifle qualification should first confirm the zero setting on his rifle before engaging the alternate course. The zero may be confirmed with the 25-meter battlesight zero procedure of six sighter rounds, which are fired in the prone supported position. Sighter rounds do not count for score. Training/sustainment ammunition is used for sighter rounds if a zeroing exercise is not conducted the day of record fire.

Firing at scaled silhouettes gives the soldier the chance to engage targets with time limits and feedback. Engaging targets at 25/15 meters precludes any training value received on target detection or the effects of wind and gravity, which is learned when firing at longer distances. Rifle qualification requirements are scheduled on the 25-/15-meter alternate course when a standard record fire or known-distance range is not available. The alternate course is an eight-hour course of instruction, as follows:

**25-/15-meter zeroing** 4 hours

**Record fire** 4 hours

**EQUIPMENT**

Frame, target (local manufacture)	1 for each lane
E-type silhouette (NSN 6920-00-071-4780)	1 for each lane
Target, zeroing, 25-/15-meter, 25-meter (NSN 6920-01-167-1392)(M16A1/A2)	1 for each firer*
15-meter (NSN 6920-01-167-1394)(M16A2)	1 for each firer*
15-meter (NSN 6920-01-253-4005) (M16A1)	1 for each firer
Target, scaled, silhouette 25-meter (NSN 6920-01-167-1398)	2 for each firer
15-meter (NSN 6920-01-167-1396)	2 for each firer
Pasters, black, (NSN 6920-00-165-6354)	As required
Pasters, buff, (NSN 6920-00-172-3572)	As required
Tacker, target with staples	As required
Ammunition, zeroing	18(6) rounds for each firer**
Ammunition, record firing	40 rounds for each firer
Magazines, ammunition	2 for each firer
Paste, wheat	Optional
Stopwatch	1 each
Scorecard	1 for each firer
Whistle, buzzer, or horn	1 each

\* Also used if sighter rounds are fired.

\*\* Six if sighter rounds are fired.

**RANGE ORGANIZATION**

The alternate course can be conducted on any 25-meter, 1,000-inch, or 15-meter (50-foot) indoor range where service ammunition can be fired. Because range facilities differ, so will range equipment for each unit conducting training. Target frames can be built locally. Target tackers or paste can be used to affix target sheets to target frames. Target sheets can be repaired with pasters or changed after each soldier completes each table. (Local supplies dictate target repair and replacement procedures.)

The chief range officer ensures the safety of all personnel and the proper operation of his range. His duties include organizing personnel into firing orders, assigning numbers, managing ammunition, and assigning target details. He can assign NCOs to perform all these duties.

The tower operator issues fire commands, or the chief range officer performs this duty.



The safety officer gives required range safety briefings and organizes firing orders, or the chief range officer performs this duty. Local regulations can require appointing a safety officer.

Personnel in firing orders perform as firing line safety crew, coaches, and scorers.

## CONDUCT OF TRAINING

Firers engage each of the 10 scaled silhouettes with one round from the first magazine. They perform a rapid magazine change and engage each scaled silhouette again with one round from the second magazine. Fire commands are given by the chief range officer or tower operator.

**TABLE 1: Prone supported position, 2 magazines of 10 rounds each, 120 seconds. FIRERS, ASSUME A PRONE SUPPORTED POSITION.**

**COACHES, ISSUE THE FIRER TWO MAGAZINES OF TEN ROUNDS EACH.**

**THE FIRING LINE IS NO LONGER CLEAR.**

**LOCK, ONE MAGAZINE OF TEN ROUNDS, LOAD. (Pause.)**

**LOAD YOUR SECOND MAGAZINE OF TEN ROUNDS AT YOUR OWN COMMAND.**

**IS THE LINE READY?**

The chief range officer pauses to observe the firing line to ensure all soldiers are in position and ready to begin the engagement. If not, the firing line safety crew gets them in position and informs the chief range officer when all soldiers are ready. If no problems exist, the chief range officer continues with the fire commands.

**READY ON THE RIGHT?**

**READY ON THE LEFT?**

**THE FIRING LINE IS READY.**

**FIRERS, WATCH YOUR LANE.**

A whistle, buzzer, horn, or other loud audible signal is sounded to begin the exercise and sounded again to cease fire.

**CEASE FIRE, CEASE FIRE, CEASE FIRE. (Given at the same time as the signal.)**

**ARE THERE ANY ALIBIS?**

Allowable alibis are allotted six seconds for each unfired round. An allowable alibi is a malfunction of the rifle or ammunition — it is not associated with firer error. Rounds not expended during the allotted time do not constitute an alibi and are counted as misses. The firing line safety crew notes the number of alibi rounds to be fired and times the soldier. If a rifle continues to malfunction, the armorer removes it from the firing line for inspection and repair.

Cross-fires are not allowable alibis for the cross-firing soldier. The recipient of the cross-fired rounds refires the table. The cross-firer is awarded misses for those shots on the wrong target, and he may be allowed to refire the course. Regardless of his total hits during refire, he can be rated only as a marksman with a score of 26. The recipient is not penalized. If there are alibis, the chief range officer repeats the fire commands; otherwise, he continues the exercise.

**CLEAR ALL WEAPONS.**

CLEAR ON THE RIGHT?  
 CLEAR ON THE LEFT?  
 THE FIRING LINE IS CLEAR.  
 FIRERS AND COACHES MOVE DOWNRANGE, SCORE AND REPAIR  
 OR REPLACE YOUR TARGET.

**TABLE 2:** Prone unsupported position, 2 magazines of 10 rounds each, 120 seconds.

**NOTE:** The fire commands and alibi procedures are the same as in Table 1.

## QUALIFICATION STANDARDS

The chief range officer briefs all soldiers on the proper scoring procedures. The firing line safety crew –

- Perform as scorers.
- Inform the chief range officer of cross-fires.
- Inform the chief range officer of allowable alibis.
- Accurately count hits and misses. A hit is any bullet hole that is either completely within or touches some part of the scaled silhouette. If a bullet hole does not touch some part of the scaled silhouette, it is counted as a miss. Ricochets are counted as hits or misses.
- Count only two hits for each silhouette for score in each table.
- Complete the scorecard.
- Assist the soldier with target repair.
- Total, sign, and return the completed scorecard to the chief range officer.

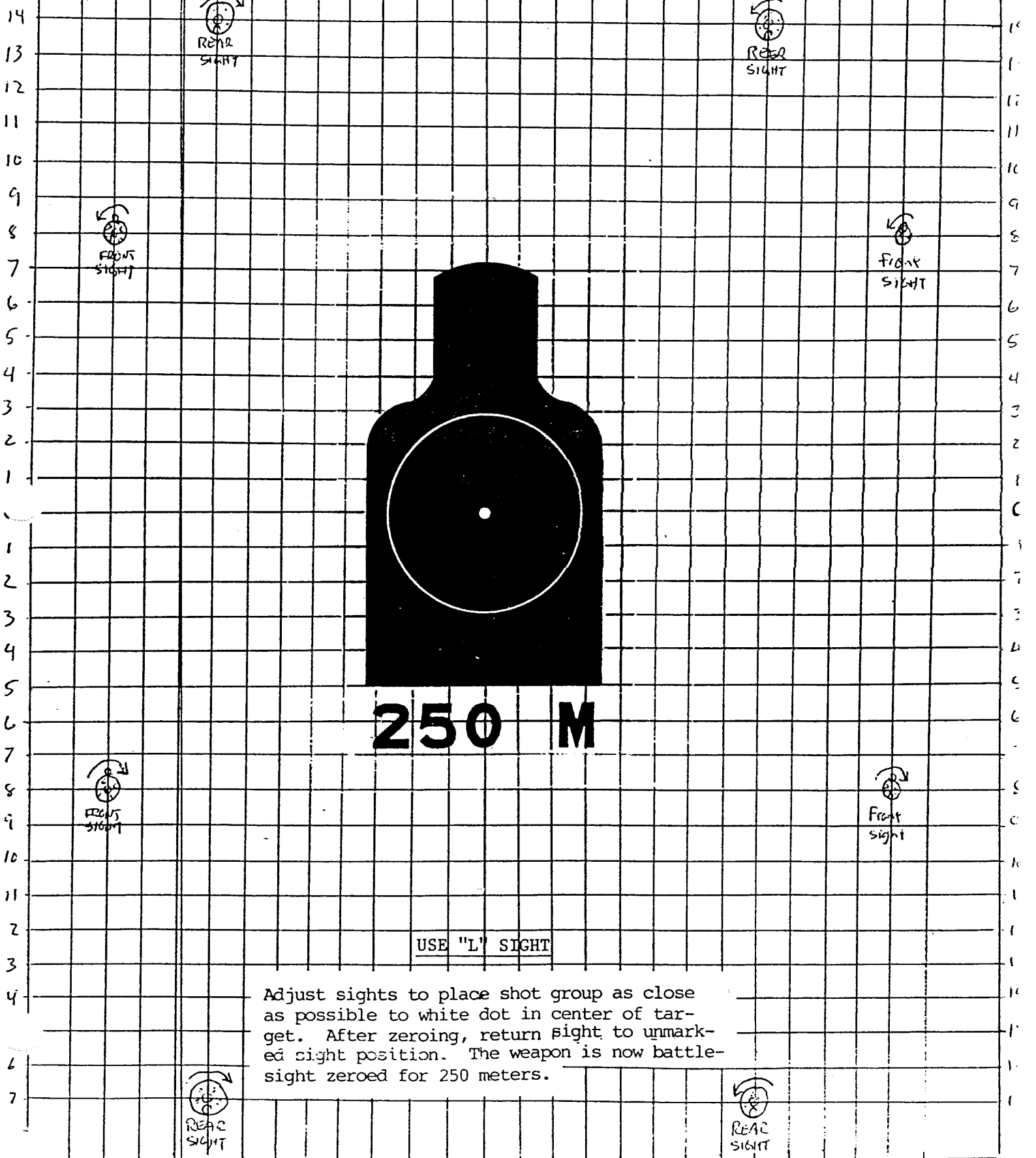
Qualification ratings for the alternate course are as follows:

- **Expert:** Hits 38 to 40 targets
- **Sharpshooter:** Hits 33 to 37 targets
- **Marksman:** Hits 26 to 32 targets
- **Unqualified:** Hits 25 and below

These courses are fired IAW DA Form 5790-R (Record Firing Scorecard—Scaled Target Alternate Course)(Figure G-45.)(See Appendix H for a blank reproducible copy of this form.)

25 METER (1000 inch) ZERO TARGET  
M16A1

12 11 10 9 8 7 6 5 4 3 2 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13



**250 M**

USE "L" SIGHT

Adjust sights to place shot group as close as possible to white dot in center of target. After zeroing, return sight to unmarked sight position. The weapon is now battle-sight zeroed for 250 meters.

This scorecard will be used to score Alternate Course record fire qualification when the 25M (NSN 6920-01-167-1398) or 15M (NSN 6920-01-167-1396) scaled silhouette target is used. The Alternate Course will be used only when standard record fire and known Distance ranges are unavailable.

**NOTE:** If zeroing/grouping exercises are not performed on the day of record fire, 6 rounds of training/sustainment ammunition will be fired for 25 meter zero confirmation prior to conducting the Qualification Course.

### CONDUCT OF FIRE

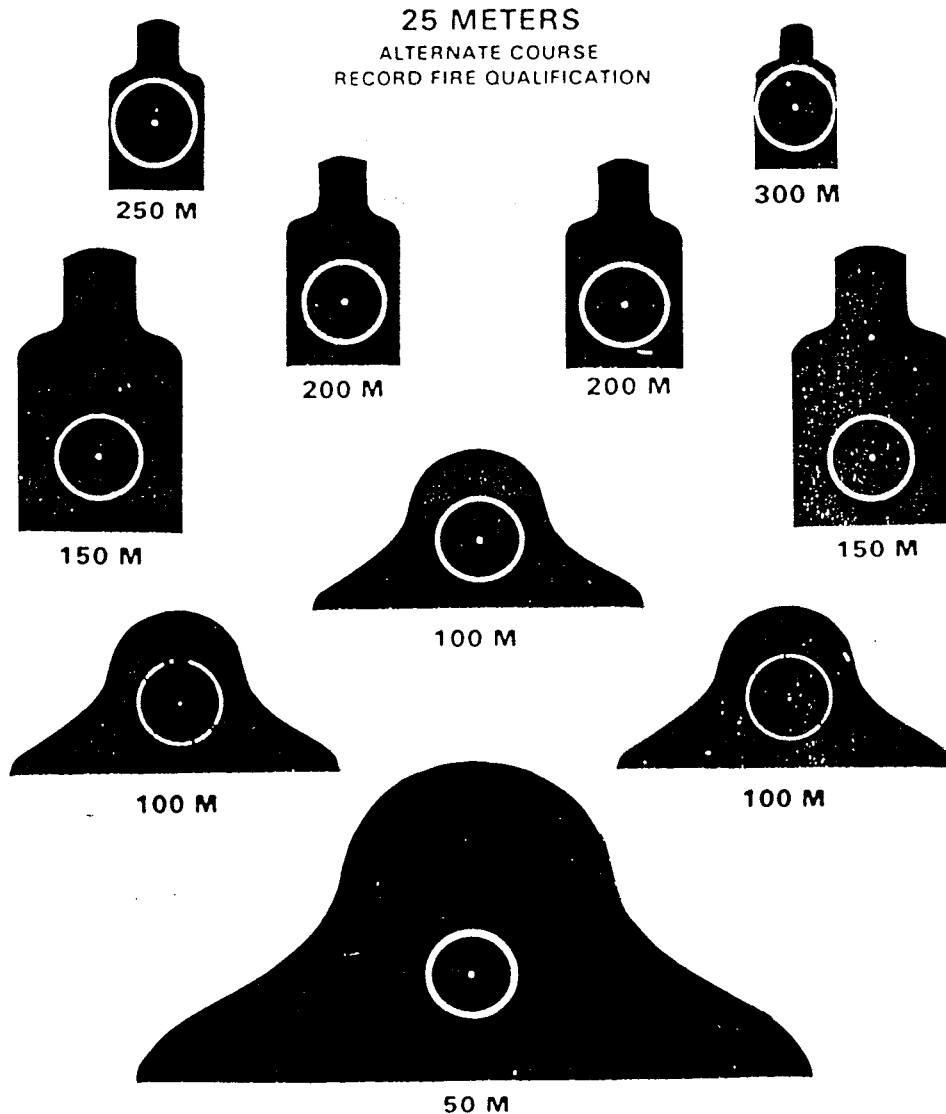
The firer will be given two 10-round magazines to engage the 10 silhouettes on the target. This includes 2 rounds for each silhouette from the foxhole supported position to be completed in 120 seconds, including the magazine change. No more than two hits for each silhouette will be scored.

The firer will then be given 2 additional 10-round magazines to engage the 10 silhouettes on a second target sheet. This includes 2 rounds for each silhouette from the prone unsupported position to be completed in 120 seconds, including the magazine change. No more than two hits for each target will be scored from the prone unsupported position.

The prone supported position can be substituted for the foxhole position.

### SCORING

Award one hit for each round that is within or touches some part of the silhouette for a maximum of two hits for each silhouette on each target sheet.



THE WHITE DOT ON EACH TARGET SHOWS THE CENTER OF MASS AIMING POINT. BULLETS SHOULD HIT WITHIN THE CIRCLE BUT ARE SCORED AS HITS IF THEY HIT ANY PART OF THE SILHOUETTE.

# RECORD FIRING SCORECARD • SCALED TARGET ALTERNATE COURSE

For use of this form, see back. The proponent agency is TRADOC

**DATA REQUIRED BY PRIVACY ACT OF 1974**  
 AUTHORITY 10 USC 30129g; Executive Order 9397 PRINCIPAL PURPOSE(S): Records individual's performance on record fire range ROUTINE USE(S). Evaluation of individual's proficiency and basis for determination of award of proficiency badge SSN is used for positive identification purposes only. **MANDATORY OR VOLUNTARY DISCLOSURE AND EFFECT ON INDIVIDUAL NOT PROVIDING INFORMATION:** Voluntary. Individuals not providing information cannot be rated, scored on a mass basis.

1 NAME LAST FIRST MIDDLE INITIAL	2 SSN	3 GRADE	4 UNIT	5 ROSTER NO				
6. TABLE 1 - SUPPORTED FIGHTING/PROME SUPPORTED					9. REMARKS			
TARGET RANGE (M) 1 300 2 300 3 250 4 250 5 200 6 200 7 200 8 200 9 150 10 150 11 150 12 150 13 100 14 100 15 100 16 100 17 100 18 100 19 50 20 50	HIT (✓) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	TARGET RANGE (M) 1 300 2 300 3 250 4 250 5 200 6 200 7 200 8 200 9 150 10 150 11 150 12 150 13 100 14 100 15 100 16 100 17 100 18 100 19 50 20 50	HIT (✓) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	TIME 120 SEC 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	HITS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	TIME 120 SEC 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	HITS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	TOTAL HITS
7. TABLE 2 - PROME UNSUPPORTED					8. QUALIFICATION  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <input type="checkbox"/> 38-40 EXPERT   <input type="checkbox"/> 33-37 SHARPSHOOTER   <input type="checkbox"/> 26-32 MARKSMAN   <input type="checkbox"/> 25-BELOW UNQUALIFIED                     </div> </div>			
NIGHT FIRE EXERCISE DATE HIT MISS GO NO GO					NBC FIRE EXERCISE DATE HIT MISS GO NO GO			
13 DATE SIGNED					15 OFFICER'S SIGNATURE			
14 SCORER'S SIGNATURE					17 DATE SIGNED			

\*FIRER ISSUED 40 ROUNDS TO ENGAGE 20 TARGETS—NO MORE THAN 2RDS PER TARGET. THE ROUNDS WILL BE PRELOADED IN 4, 10 ROUND MAGAZINES TWO PER TABLE. ALL ROUNDS WILL BE FIRED WITH THE LONG RANGE SIGHT ON THE M16A1 RIFLE. HITS ARE DENOTED BY A "✓".

ANNEX B

U.S. Army  
Rifle

Alternate Course "C"  
15 Meter Smallbore

## **15 METER (50 FT.) ALTERNATE "C" SMALLBORE COURSE FOR RIFLE**

Refer to SOP 203.00, Annex E, U.S. Army Rifle Alternate Course "C" for detailed description. With the exception of the scaled target and the actual range, this course of fire is the same as the 25 meter course.

### **EQUIPMENT**

- .22 caliber rifle, any action, with 10 round capacity, adjustable open sights
- 50 rounds .22 caliber rimfire ammunition for each firer
  - (10 rounds for zero; 40 rounds for record firing)
- ear protection
- eye protection
- target, alternate course "C", scaled for 15 meters
- sandbags, or equivalent (2)
- bore safety flag

**RANGE ORGANIZATION** - same as 25 meter

**CONDUCT OF TRAINING** - same as 25 meter

**QUALIFICATION STANDARDS** - same as 25 meter

**15 METERS**  
**ALTERNATE COURSE "C"**  
**RECORD FIRE SCORECARD**

This scorecard is designed for use with scaled silhouette target for alternate course "C" at 15 meters. Reference FC 23-11, Unit Rifle Marksmanship Training Guide, dated August, 1984, for use by Active Army and Reserve components. Figure 12-7, pages 12-10 and 12-12.

**This course will be fired and scored in two Tables of twenty rounds each. Fire 20 rounds (two only at each target) from a foxhole or prone supported position within two minutes and fire 20 rounds (two only at each target) from an unsupported prone position within two minutes. Count a maximum of four hits on any one target. Count two points for each bullet which is within or touching the circle and one point for each bullet which is outside the circle but on or touching the silhouette.**

NAME	SSN	UNIT	DATE	RANGE	LANE

TABLE 1

	RANGE	HIT PTS.	MISS	NO FIRE
1	50M			
2	100M			
3	100M			
4	100M			
5	150M			
6	150M			
7	200M			
8	200M			
9	250M			
10	300M			
TOTAL				

TABLE 2

	RANGE	HIT PTS.	MISS	NO FIRE
1	50M			
2	100M			
3	100M			
4	100M			
5	150M			
6	150M			
7	200M			
8	200M			
9	250M			
10	300M			
TOTAL				

TABLE	HIT	MISS
1		
2		
TOTAL		

\_\_\_\_\_  
 SCORER'S SIGNATURE

QUALIFICATION SCORES:

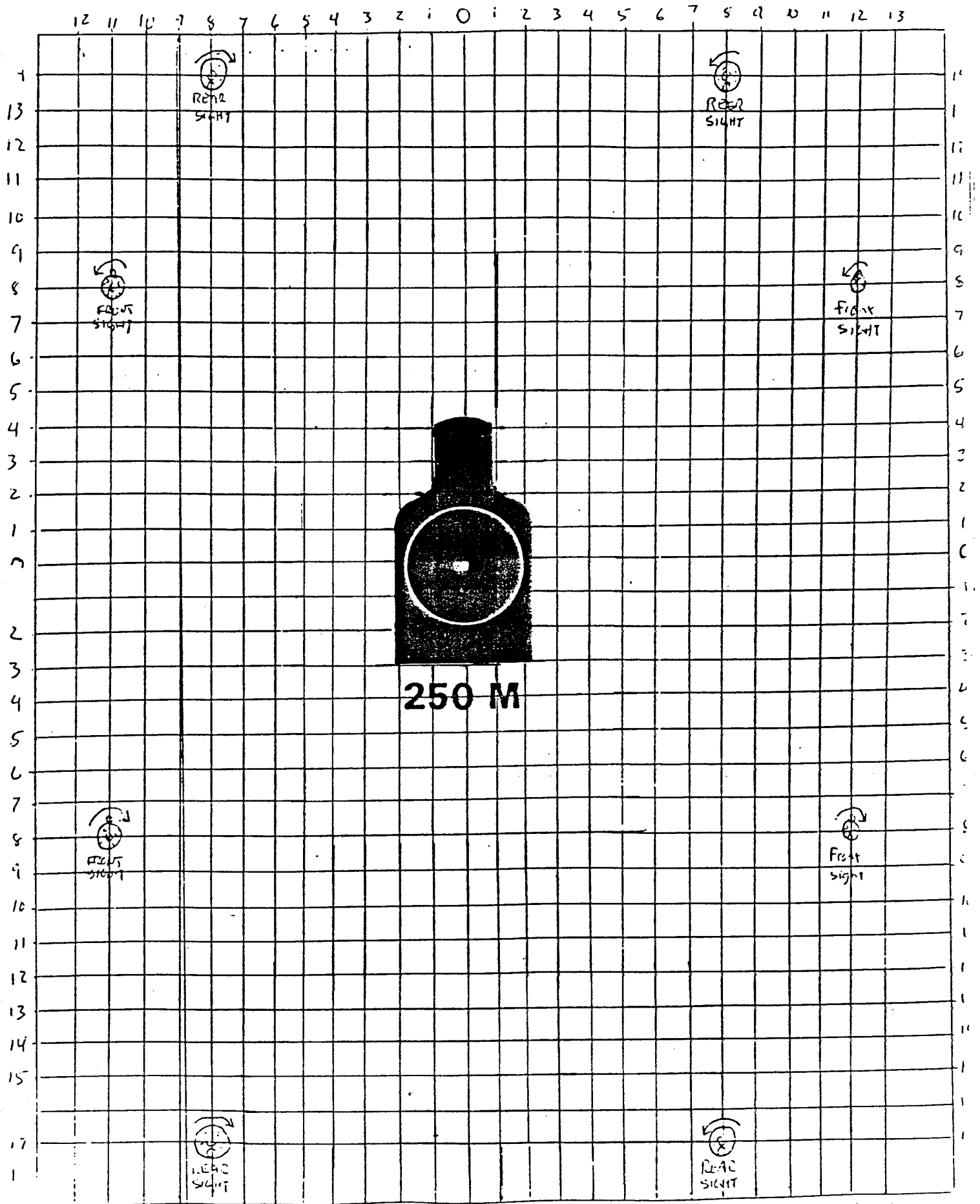
POSSIBLE	80
EXPERT	70-80
SHARPSHOOTER	55-69
MARKSMAN	40-54
UNQUALIFIED	0-39

FIRER'S QUALIFICATION SCORE \_\_\_\_\_

\_\_\_\_\_  
 OFFICER'S SIGNATURE



15 METER (1000 inch) ZERO TARGET



ANNEX C

U.S. Air Force  
Rifle Qualification  
Course

**M16 RIFLE FIRING REQUIREMENTS, FIRING POSITIONS, AND TRAINING OBJECTIVES****Phase I: Battle Sight Zero and Grouping**

ORDER	POSITION	ROUNDS	TIME (SEC)	DISTANCE M/Y DS	TARGET
1.	Prone Supported	4(1, 4-rd mag)	N/A	25	Z
2.	Prone Supported	3(1, 3-rd mag)	N/A	25	Z
3.	Prone Supported	3(1, 3-rd mag)	N/A	25	Z
4.	Prone Supported	3(1, 3-rd mag)	N/A	25	Z
5.	Prone Supported	3(1, 3-rd mag)	N/A	25	Z
		16Total Rounds			

**Phase II: Practice**

ORDER	POSITION	ROUNDS	TIME (SEC)	DISTANCE M/Y DS	TARGET
1.	Prone Supported	6(2, 3-rd mag)	50	25	SF
2.	Prone Unsupported	6(2, 3-rd mag)	50	25	SF
3.	Kneeling Supported	6(2, 3-rd mag)	50	25	SF
4.	Foxhole/Over Barricade Supported	6(2, 3-rd mag)	50	25	SF
		24Total Rounds			

**Phase III: Evaluation**

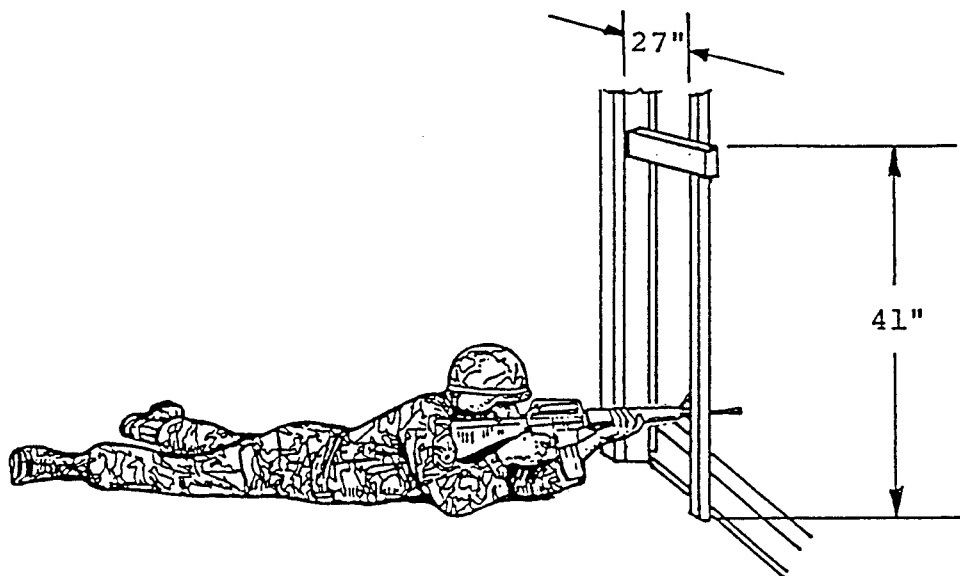
ORDER	POSITION	ROUNDS	TIME (SEC)	DISTANCE M/Y DS	TARGET
1.	Prone Supported	10(1, 4-rd & 2, 3-rd mags)	90	25	TF
2.	Prone Unsupported	10(1, 4-rd & 2, 3-rd mags)	90	25	TF
3.	Kneeling Supported	10(1, 4-rd 2, 3-rd mags) &	90	25	TF
4.	Foxhole/Over Barricade Supported	10(1, 4-rd & 2, 3-rd mags)	90	25	TF
		40 Total Rounds			
		80 Total Rounds for Course			

**Figure 1. M16 Rifle Firing Requirements, Rifle Air Force Qualification Course.****COURSE INFORMATION:****Targets for the Course:**

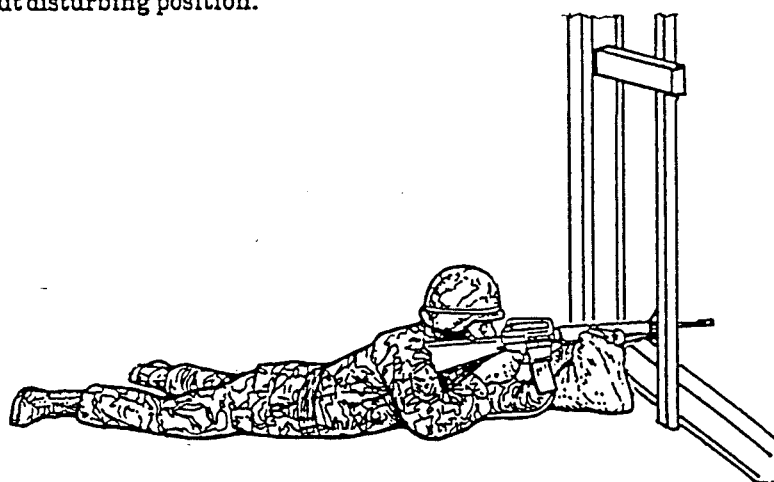
- a. Target Z is the 25-meter zero target (National Stock Number (NSN) 6920-01-167-1392).
- b. Target SF is the 25-meter scaled silhouette, slow fire target (NSN 6920-01-167-1391).
- c. Target TF is the 25-meter scaled silhouette, timed fire target (NSN 6920-01-167-1397).

**2. Standards:**

- a. Phase I: Fire one 4cm shot group.
- b. Phase II: 75-meter targets should have 7 hits. 175-meter targets should have 5 hits. 300-meter targets should have 3 hits.
- c. Phase III: Group A Qualified: 25-34 hits. Group B Qualified: 20-34 hits. Group C Qualified: 15-34 hits. Expert: All Groups: 35-40 hits.



**PRONE UNSUPPORTED POSITION.** To assume the prone unsupported position with the weapon in-hand, a right handed shooter stands facing the target, feet a comfortable distance apart, and drops to the knees. With the left hand positioned under the handguards and right hand on the heel of the stock, place the butt of the rifle well out in front on an imaginary line drawn between the target and the right knee. Using the butt of the rifle as a pivot, the shooter rolls down on the left side placing the left elbow as far under the rifle as possible. Depending on the terrain or safety requirements, shooters may use the nonshooting hand to support themselves in assuming the position while keeping the weapon pointed safely down range. Once in position the shooter places the rifle butt into the pocket formed in the right shoulder, grasps the pistol grip with the right hand and lowers the right elbow as low as possible without letting the magazine touch the ground. The rifle rests in the "V" formed by thumb and forefinger of the left hand. Adjust the position of the right elbow until the shoulders are about level and exert a firm rearward pressure with both hands. To complete the position, the shooter obtains a stock weld and relaxes. The spine is straight and the legs are spread a comfortable distance apart with the right knee brought slightly forward to reduce tension and add stability to the firing position. The shooters body should be directly behind the weapon or as close as the conformation of the body will allow. Normally, the angle formed by the shooters body and the weapon should be no greater than 30 degrees. This places enough of the shooters weight behind the rifle to absorb recoil without disturbing position.



**PRONE SUPPORTED POSITION.** To assume the prone supported position, the shooter first assumes the Prone position. Adjust the position to the available support, placing the left hand and forearm against the support. Whether the left elbow is directly under the rifle is of less importance in this position because the support, rather than the arm, sustains the weight of the rifle. No part of the rifle should be touching the support as this reduces the shooters control of the rifle and hinders rapid recovery between shots.

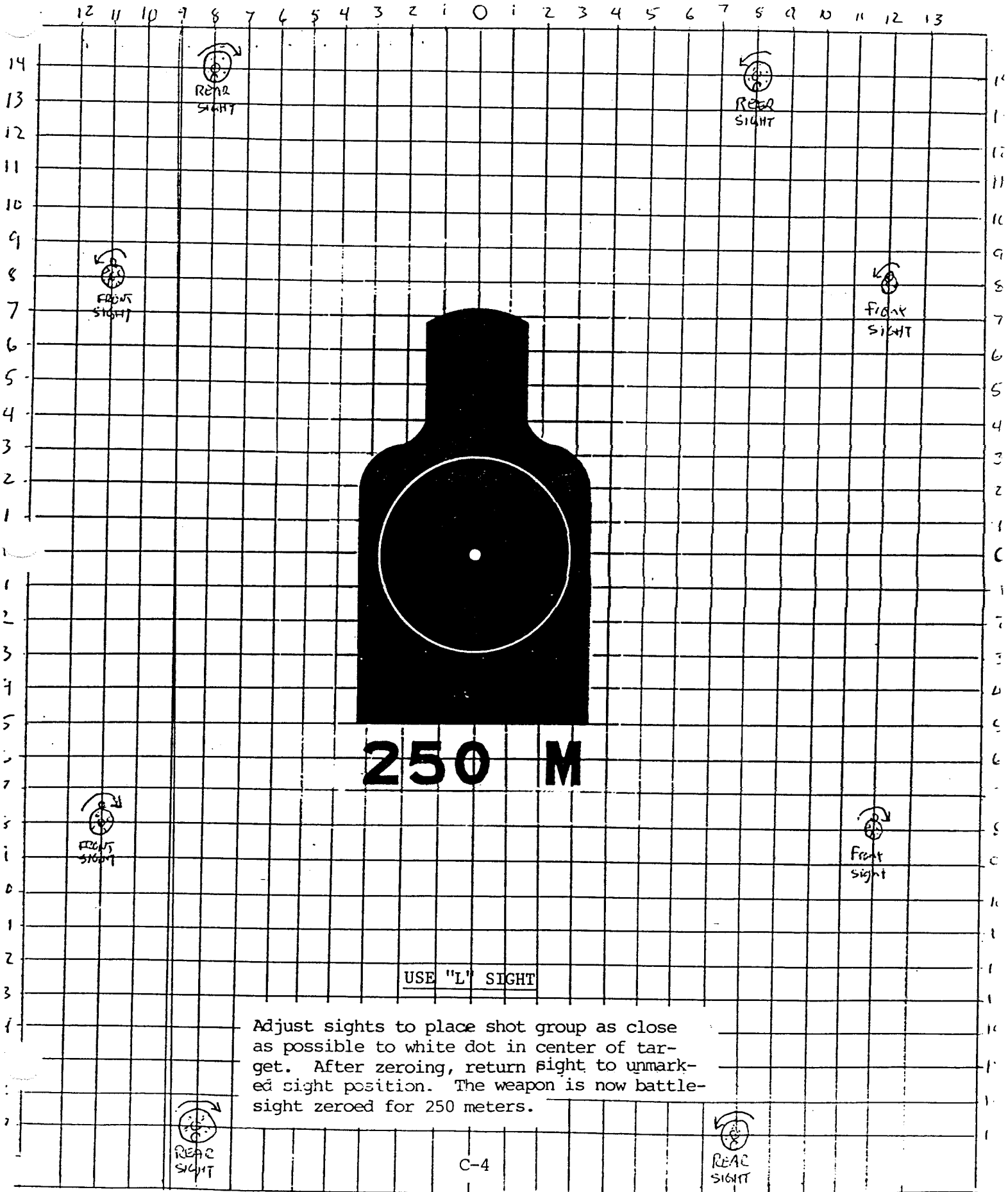


**KNEELING SUPPORTED POSITION.** To assume the kneeling supported position, the shooter first assumes the kneeling position then shifts the weight forward, allowing the left shoulder or arm and the left leg to come into contact with the support. The rifle mustn't touch or rest on the support since the friction of the rifle against the support would slow recovery between shots and limit the shooters ability to rapidly shift the point of aim. Don't place the hand flat against the support and rest the handguard between the thumb and fingers of the support hand as in previous training programs. This practice isn't tactically sound and actually results in poor use of cover in the field.



**OVER BARRICADE CROUCHED POSITION.** This is a variation of the standing position with the addition of a barricade for stability and protection. The barricade simulates a tall fence, wall, or solid object, thus giving protection to the shooter. To assume this position, place the left foot forward to the barricade and the right foot about 3 feet behind the left foot. The knees should be bent so the body can squat behind the barricade. The left arm is extended to the barricade with the palm up. The rifle is held or rested on the hand, not on the barricade. The right elbow is held down for less body exposure. Only the head is visible above the barricade.

25 METER (1000 inch) ZERO TARGET  
M16A1

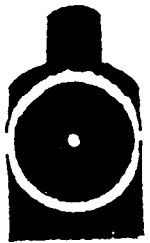


**250 M**

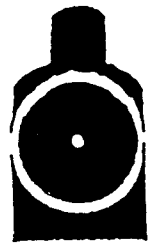
USE "L" SIGHT

Adjust sights to place shot group as close as possible to white dot in center of target. After zeroing, return sight to unmarked sight position. The weapon is now battle-sight zeroed for 250 meters.

M16A1 SERIES TARGET  
25-METER SCALED  
SILHOUETTE  
TIMED-FIRE TARGET



300 M



300 M



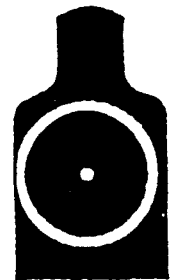
200 M



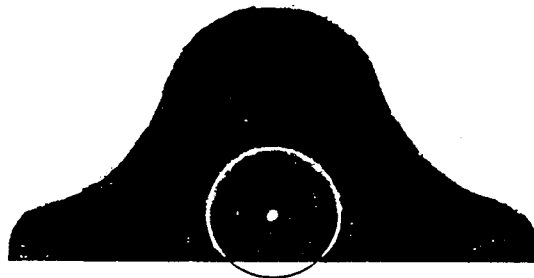
200 M



250 M



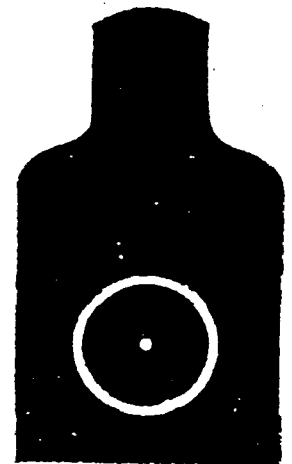
250 M



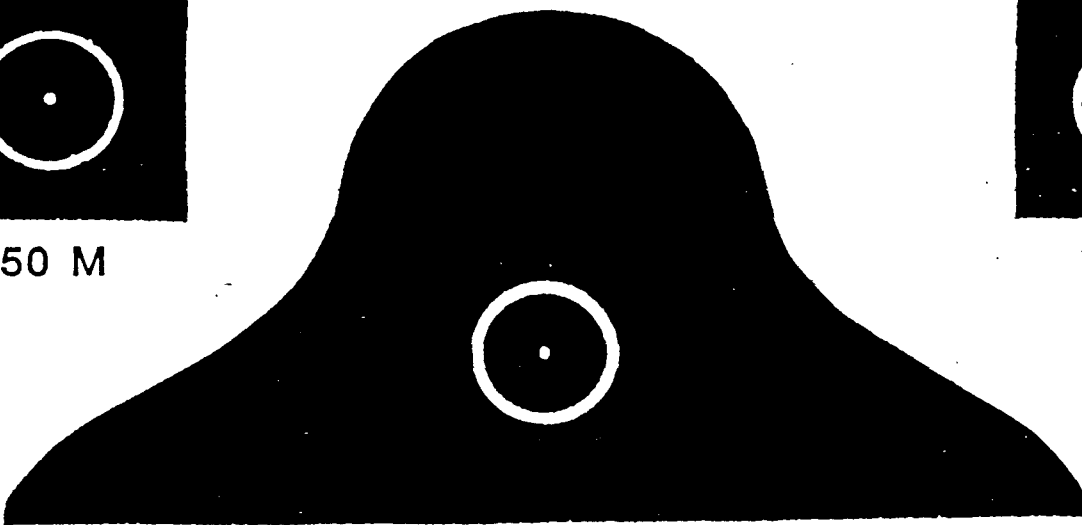
100 M



150 M



150 M



50 M

THE WHITE DOT ON EACH TARGET SHOWS THE BEST AIMING POINT FOR TARGETS AT ACTUAL DISTANCE. IF AN ADJUSTED AIMING POINT IS USED AT 25 METERS, BULLETS SHOULD HIT WITHIN THE CIRCLES, BUT ARE SCORED AS HITS IF THEY HIT ANYWHERE IN THE SILHOUETTE.

USE LONG RANGE SIGHT

U.S. Air Force  
Rifle Qualification Course  
Record Fire Scorecard

NOTE: To conserve resources, the siting phase of the course has been reduced to three groups and the practice phase has been omitted. The record fire phase remains the same.

**COURSE INFORMATION:**

Targets for the course:

- a. Target Z is the 25-meter zero target NSN 6920-01-167-1392
- b. Target SF is the 25-meter scaled silhouette, slow fire target NSN 6920-01-167-1391
- c. Target ZF is the 25-meter scaled silhouette, timed fire target NSN 6920-01-167-1397

**Phase I: Battle Sight Zero and Grouping**

ORDER	POSITION	ROUNDS	TIME (SEC)	DISTANCE M/Y DS	TARGET
1.	Prone Supported	4(1, 4-rd mag)	N/A	25	Z
2.	Prone Supported	3(1, 3-rd mag)	N/A	25	Z
3.	Prone Supported	3(1, 3-rd mag)	N/A	25	Z
10 Total Rounds					

Phase II: Omitted

**Phase III: Evaluation**

ORDER	POSITION	ROUNDS	TIME (SEC)	DISTANCE M/Y DS	TARGET
1.	Prone Supported	10(1, 4-rd & 2, 3-rd mags)	90	25	TF
2.	Prone Unsupported	10(1, 4-rd & 2, 3-rd mags)	90	25	TF
3.	Kneeling Supported	10(1, 4-rd 2, 3-rd mags) &	90	25	TF
4.	Foxhole/Over Barricade Supported	10(1, 4-rd & 2, 3-rd mags)	90	25	TF
40 Total Rounds					
50 Total Rounds for Course					

NAME	SSN	GRADE	UNIT	DATE	RANGE

TABLE

	RANGE	HIT PTS.	MISS	NO FIRE
1	50M			
2	100M			
3	150M			
4	150M			
5	200M			
6	200M			
7	250M			
8	250M			
9	300M			
10	300M			
TOTAL				

Firer's Evaluation Score \_\_\_\_\_

Weapon/Caliber \_\_\_\_\_

Scorer's Signature \_\_\_\_\_

QUALIFICATION SCORES	
Possible	40
Expert	35 - 40
Sharpshooter	27 - 34
Marksman	20 - 26
Unqualified	0 - 19

Officer's Signature \_\_\_\_\_



ANNEX D

U.S. Army Military Police  
Firearms Qualification  
Course

## Military Police Firearms Qualification

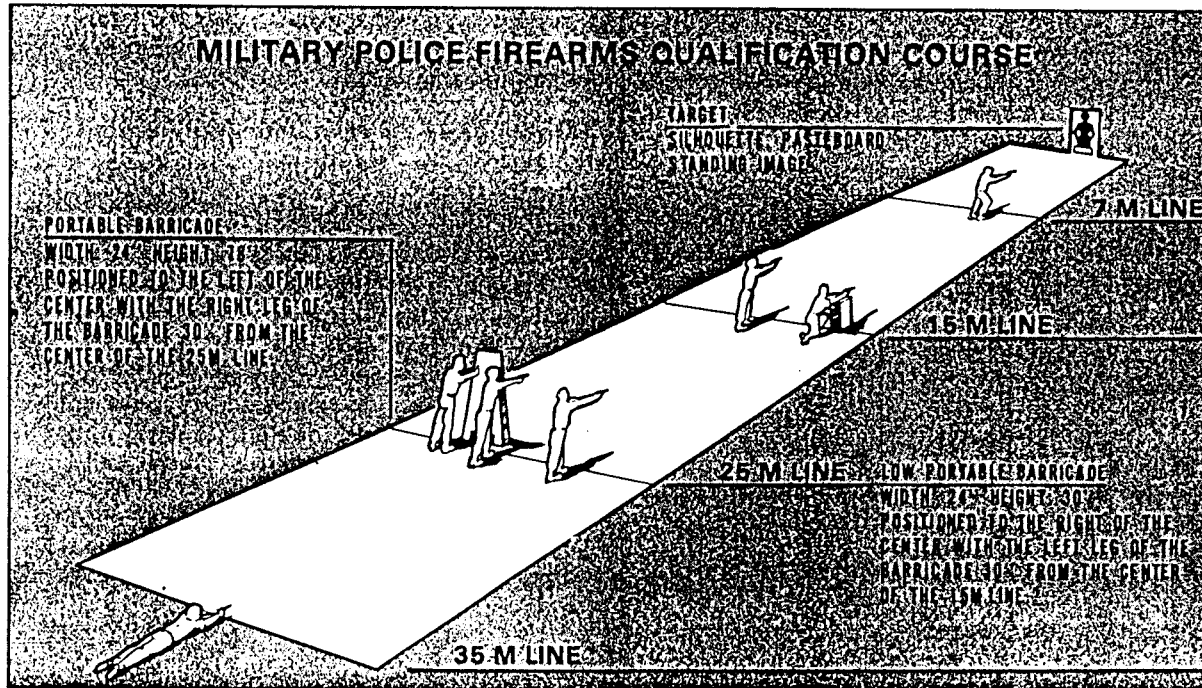
Military police personnel must be trained in the use of the weapon that they carry in the performance of their duties. The weapon may be the M16, the M1911A1 (.45-caliber pistol), the .38-caliber revolver with 4-inch or a 2-inch barrel, or the M9 9-mm parabellum semiautomatic pistol. FM 23-9 provides marksmanship instruction on the M16. USACIDC Regulation 195-19 provides instruction on the .38-caliber 2-inch barrel weapon. The Military Police Firearms Qualification Course (MPFQC) described in this appendix provides marksmanship instruction for the .45-caliber pistol, the .38-caliber revolver with 4-inch barrel, and the 9-mm parabellum semiautomatic pistol.

Commanders at all levels are responsible for ensuring that personnel entrusted with weapons are trained to use the weapons as intended and in a safe manner. AR 190-14 and AR 190-28 establish the requirements for granting authorization to carry firearms and

to conduct training. DA Pamphlet 350-38 authorizes ammunition for MP personnel to qualify yearly with their assigned weapon. Yearly qualification includes protective mask firing. (See DA Pamphlet 350-38 for the protective mask firing requirements.)

The MPFQC is designed to provide realistic and effective police marksmanship training. The MP engages single targets at various ranges using the standard service weapon. The six tables of the MPFQC require the firer to fire from 7, 15, 25, and 35 meters. The firer uses both the strong and weak hands in the standing and kneeling positions, and the strong hand in the prone and crouch positions. The MPFQC standards are—

- Expert, 48 to 50 hits.
- Sharpshooter, 45 to 47 hits.
- Marksman, 35 to 44 hits.
- Unqualified, 34 or fewer hits.



A locally reproduced record of qualification should be used and must be forwarded with departing personnel as proof of weapons qualification at the gaining unit. DA Form 88

(Combat Pistol Qualification Course Scorecard) should not be used for the MPFQC because this course does not provide combat pistol qualification.

MPFQC REQUIREMENTS						
TABLE	RANGE	POSITION	NO. ROUNDS	TIME		INSTRUCTIONS
				9-MM/.45-CALIBER	.38-CALIBER	
I	35 m	Prone	10	1 min, 45 sec	2 min	9-mm/.45-caliber—Holster weapon. Draw weapon, pull slide to the rear, chamber a round, and fire five rounds. Change magazines at own speed, and fire five additional rounds.
						.38-caliber—Fire revolver single-action, and reload at own speed.
II	25 m	Standing without support (strong hand)	10	1 min, 45 sec	2 min	9-mm/.45-caliber—Load one 5 round-magazine into the weapon initially. On command draw the weapon, chamber a round, and fire 5 rounds. Change magazines at own speed, and fire five additional rounds. Use the two-handed position. Use the weak hand for support. As an alternative use the weak hand to support the strong hand by grasping the weapon's grip over the strong hand.
						.38-caliber—Fire revolver single-action, and reload at own speed.
III	25 m	Standing with support (left hand)	5	45 sec	45 sec	9-mm/.45-caliber—Load one magazine into the weapon initially. On command draw the weapon, chamber a round, and fire five rounds from the support position behind the left side of the barricade, using the left hand. Then, from behind the barricade, reload the weapon, move to the right side of the barricade, and fire five rounds with the right hand from a supported position.
		Standing with support (right hand)	5	45 sec		

CONTINUED NEXT PAGE

**MPFQC REQUIREMENTS—CONTINUED**

TABLE	RANGE	POSITION	NO. ROUNDS	TIME		INSTRUCTIONS
				9-MM/.45-CALIBER	.38-CALIBER	
IV	15 m	Standing without support (strong hand)	5	40 sec	40 sec	9-mm/.45-caliber—On command draw the loaded weapon, chamber a round, and fire from the standing position without support. Use only the strong hand and do not support it with the nonshooting hand.
						.38-caliber—Fire revolver double-action.
V	15 m	Kneeling with support (left hand)	5	40 sec	40 sec	9-mm/.45-caliber—On command draw the loaded weapon, chamber a round while assuming kneeling position, and fire five rounds with the support left hand over the top of the barricade. Reload at own speed before firing five more rounds. Use the right hand and again fire over the top of the barricade.
		Kneeling with support (right hand)	5	40 sec	40 sec	
VI	7 m	Crouch	5	12 sec	12 sec	9-mm/.45-caliber—On command move forward from the 15-meter line with a locked and loaded weapon. On command obtain the crouch position and engage the target with five rounds, using two hands.

<b>TOTAL</b>	<b>50</b>	<b>7 min, 12 sec</b>	<b>7 min, 42 sec</b>	<b>A summary of the MPFQC.</b>
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**NOTE:** When the revolver is fired, the firer is issued the number of rounds required to fire a specific table. Reloading is done at the firer's own speed during the table. Loading done prior to the beginning of each table is controlled by the range officer or range NCO.

U.S. Army Military Police  
Firearms Qualification Course  
Record Fire Scorecard

This course may be fired using the standard "E" silhouette or B-27 silhouette. All holes touching the black are scored as "hits".

Table	Range	Position	Rounds	Time - Pistol	Time - Revolver	Hits	Misses
I	35m	Prone	10	1 min 45 sec	2 min		
II	25m	Standing two handed	10	1 min 45 sec	2 min		
III	25m	Standing weak hand w/ barricade	5	45 sec	45 sec		
		Standing strong hand w/ barricade	5	45 sec	45 sec		
IV	15m	Standing strong hand only	5	40 sec	40 sec		
V	15m	Kneeling weak hand w/ barricade	5	40 sec	40 sec		
		Kneeling strong hand w/ barricade	5	40 sec	40 sec		
VI	7m	Crouch	5	12 sec	12 sec		
Total rounds fired: 50						Totals	

QUALIFICATION STANDARDS:	
Possible	50 hits
Expert	48 to 50 hits
Sharpshooter	45 to 47 hits
Marksman	35 to 44 hits
Unqualified	34 or fewer hits

Scorer's Signature \_\_\_\_\_

Name	SSN	Grade	Unit	Date	Range

Firer's Qualification Score \_\_\_\_\_

Weapon and Caliber \_\_\_\_\_

Officer's Signature \_\_\_\_\_

ANNEX E

Small Arms Training Data  
and  
Firearms Qualification Card,  
OHMR Form 522

(front)

OHMR FIREARMS QUALIFICATION (DETACHED FROM OHMR FORM 522, DEC 96)											
PRINTED NAME (Last, First, Middle Initial)											
SSN						GRADE					
SIGNATURE OF HOLDER (Not Valid Unless Signed)											
ORGANIZATION											
ASSIGNED WEAPON											
DESCRIPTION				RACK NO.				SERIAL NO.			
NOT TRANSFERABLE - Card must be carried at all times when bearing firearms. ERASURES INVALIDATE THIS CARD											

DISCARD

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
GRADE												
DATE QUALIFIED												
DATE EXPIRES						PRIMARY DUTY WEAPON						
DUTY PHONE												
WEAPON		COURSE		CALIBER		ROUNDS FIRED		SCORE		STATUS		
								POINTS		HITS		
PREVENTIVE MAINTENANCE EVALUATION						<input type="checkbox"/> PASS <input type="checkbox"/> FAIL <input type="checkbox"/> NA						
REMARKS												
RIFLE						<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NO						
SIGNATURE OF SHOOTER						HANDGUN						
						PRINTED NAME AND GRADE OF RANGE OFFICIAL						
SIGNATURE OF RANGE OFFICIAL						OMR ORGANIZATION AND LOCATION						

DISCARD

(reverse)

The holder of this card is qualified with the firearm(s) specified			
WEAPON	COURSE	DATE	
		QUALIFIED	EXPIRES
SIGNATURE OF MARKSMANSHIP COORDINATOR (MC)			
PRINTED NAME AND GRADE OF MC			
MC UNIT AFFILIATION			

DISCARD

OHMR FORM 522 DEC 96 PREVIOUS EDITIONS WILL BE USED

OHMR FORM 522 DEC 96 (REVERSE)

PHASE/TABLE	SCORE	ROUNDS FIRED	STATUS

ANNEX F

Marksmanship Posting Memorandums  
and  
Consolidated Weapons Qualification Record  
Form 43-2-90



**OHIO MILITARY RESERVE**  
(unit memorandum format address)

OHMR-I- ( )

Date:

MEMORANDUM FOR See Distribution

SUBJECT: Marksmanship Score/Award Posting

Firing Location: \_\_\_\_\_

Time and Date: \_\_\_\_\_

Weather and Temperature: \_\_\_\_\_

Weapon and Course: \_\_\_\_\_

Unit: \_\_\_\_\_

Name	SSN	Grade	Score/Award
------	-----	-------	-------------


(signature block and  
signature of unit marksmanship coordinator)  
Marksmanship Coordinator

DISTRIBUTION:

OHMR-I- ( )  
SUBJECT: Marksmanship Score/Award Posting

Date:  
Page 2 of 2 pages

Name	SSN	Grade	Score/Award

(signature block and  
signature of unit marksmanship coordinator)  
Marksmanship Coordinator

DISTRIBUTION:

**OHIO MILITARY RESERVE**  
(unit memorandum format address)

OHMR-I- ( )

Date:

MEMORANDUM FOR See Distribution

SUBJECT: Marksmanship Score/Award Posting

Firing Location: \_\_\_\_\_

Time and Date: \_\_\_\_\_

Weather and Temperature: \_\_\_\_\_

Weapon and Course: \_\_\_\_\_

Unit: \_\_\_\_\_

Name	SSN	Grade	Score/Award
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____

**CONSOLIDATED WEAPON QUALIFICATION RECORD**

**NAME**

**SSN**

WEAPON	COURSE	SCORE/AWARD	DATE	LOCATION	VERIFIED

ANNEX G

Firearms Safety  
Rules

# FIREARMS SAFETY RULES

1. All guns are always loaded!
2. If you don't know how a weapon operates or how to check to see if it is clear, you will not handle it!
3. Never point the muzzle at anything that you do not wish to destroy.
4. Keep your finger off the trigger until your sights are on the target.
5. Be absolutely sure of your target *and* your backstop.

ANNEX H

U.S. Army  
Range Operations  
Checklist

# How to Use This Checklist

This checklist consists of 8 sections, each covering a different topic relating to Range Operations.

Before using the checklist on the job, always call higher headquarters Safety Office to find out if there are any recent changes to the regulations or SOP.

Then report to the person who must answer the questions in each section. Ask that person each question in order.

Record each "Yes" answer by placing a check in the GO column. Record a "No" or "Don't Know" by checking the NO GO column. Refer now to the checklist to find the GO and NO GO columns.

When you have asked all the questions in a section, advise the person who answered with NO GO's that the problems exist and ask him/her to correct them. When you have completed the entire checklist, look back over the NO GO's. Contact the people who reported them and ask if they have corrected each problem. If so, change the answer to GO.

If any NO GO remains for any reason, analyze the safety hazard it presents. Then design and implement a countermeasure for the hazard. Afterwards, check that your countermeasures work.

Before Range Operations start, be sure that you have a workable countermeasure implemented for each hazard presented by a NO GO answer.

Now glance over the checklist to be sure you understand how to use it. If you have any questions, review these instructions.

**SUGGESTED USAGE:** This checklist has been designed for use with a grease pencil. It is suggested that additional copies be made, and once the training is complete transcribe the information to a "hard copy" for your unit's training files. Any problems encountered, along with their solutions, will be available for reference the next time range firing is conducted.

## Section 1 - Mission Analysis

1. Who will be firing on the range ?

No. of Personnel

Units


2. What weapons and courses will be used ?

Weapon


Course


3. Where will the training be conducted ?

Range

4. When is the range scheduled for operations ?

Date

Opens

Closes



## Section 2 - Double Check

	GO	NO GO	REMARKS
1. Has sufficient ammunition been requested for the number of personnel ?			
2. Are the range facilities adequate for the type of training to be conducted ?			
3. Has enough time been scheduled to complete the training ?			
4. Have conflicts that surfaced been resolved ?			

## Section 3 - Become an Expert

	GO	NO GO	REMARKS
1. Review TM's and FM's on the weapons to be fired.			
2. Talk with the armorers and other personnel experienced with the weapons to be fired.			
3. Review AR 385-63.			
4. Visit range control and read installation range instructions.			
5. Reconnoiter the range (preferably while it is in use).			
6. Check ARTEP's and SQT manuals to see if training tasks can be integrated into the range training plan.			

## Section 4 - Determine Requirements

PERSONNEL:	GO	NO GO	REMARKS
1. OIC			
2. Safety Officer			
3. Assistant Safety Officer			
4. NCOIC			

# Section 4 - Determine Requirements

PERSONNEL: (Cont.)	GO	NO GO	REMARKS
5. Ammunition NCO			
6. Ammunition Personnel (determined by type of range)			
7. Target detail and target operators			
8. Tower operator			
9. Concurrent training instructors			
10. Assistant instructors			
11. RTOs			
12. Guards (range requirements)			
13. Medic(s)			
14. Air guard			
15. Armorer			
16. Truck driver (range personnel and equipment)			
17. Mechanic for vehicles			
18. Have you overstaffed your range ?			
<b>EQUIPMENT:</b>			
1. Range packet and clearance form			
2. Safety fan and diagram if applicable			
3. Other safety equipment (aiming circle, compass)			
4. Appropriate publications pertaining to the training that will be conducted			
5. Lesson plans, status reports, and reporting folder			
6. Range flag and light (night firing)			
7. Radios			
8. Field telephones and wire			
9. 292 antenna, if necessary			
10. PA set with back-up bull horn(s)			
11. Concurrent training markers			

## Section 4 - Determine Requirements (Cont.)

EQUIPMENT: (Continued)	GO	NO GO	REMARKS
12. Training aids for concurrent training stations			
13. Sandbags			
14. Tentage (briefing tent, warm-up tent)			
15. Space heaters, if needed			
16. Colored helmets for control personnel			
17. Safety paddles and vehicle flag sets or lights			
18. Ambulance or designated vehicle			
19. Ear plugs			
20. Water for drinking and cleaning			
21. Score cards			
22. Master score sheet			
23. Armorers' tools and cleaning equipment for weapons			
24. Brooms, shovels, and other cleaning supplies and equipment			
25. Tables and chairs, if needed			
26. Target accessories			
27. Fire extinguishers			
28. Tarp, stakes, and rope, to cover the ammunition			
29. Toilet paper			
30. Spare weapons and repair parts as needed			
31. Tow bar and slave cables for vehicles			
32. Fuel and oil for vehicles and target mechanisms			

# Section 5 - Determine Available Resources

	GO	NO GO	REMARKS
<ol style="list-style-type: none"> <li>1. Fill personnel spaces</li> <li>2. Keep unit integrity</li> <li>3. Utilize NCOs</li> <li>4. Effect coordination with supporting organizations:               <ul style="list-style-type: none"> <li>Ammunition</li> <li>Transportation</li> <li>Training Aids</li> <li>Medics</li> <li>Mess</li> <li>Weapons</li> <li>Other equipment</li> </ul> </li> </ol>			

# Section 6 - Foolproofing

	GO	NO GO	REMARKS
<ol style="list-style-type: none"> <li>1. Write an overall lesson plan for the range</li> <li>2. Organize a plan for firing:               <ul style="list-style-type: none"> <li>Determine range organization</li> <li>Outline courses of fire to be used</li> <li>Have fire commands typed for use on range</li> <li>Set rotation of stations</li> </ul> </li> <li>3. Rehearse concurrent training instructors and assistants</li> <li>4. Brief RTO on unique range control radio procedures</li> <li>5. Brief and rehearse reporting NCO on range operation and all his duties</li> <li>6. Collect and concentrate equipment for use on the range in one location</li> </ol>			

## Section 6 - Foolproofing (Cont.)

	GO	NO GO	REMARKS
<p>7. Obtain training aids</p> <p>8. Pick up targets from range warehouse, if required</p> <p>9. Report to range control for safety briefing (if required) and sign for any special items</p> <p>10. Publish LOI:</p> <p style="padding-left: 40px;">Uniform of range and firing personnel (helmets and earplugs)</p> <p style="padding-left: 40px;">Mode of transportation, departure times and places</p> <p style="padding-left: 40px;">Methods of messing to be used</p> <p style="padding-left: 40px;">Any special requirements being placed on units</p>			

## Section 7 - Occupying the Range & Conducting Training

	GO	NO GO	REMARKS
<p><b>OCCUPY THE RANGE:</b></p> <p>1. Request permission to occupy the range</p> <p>2. Establish good communications</p> <p>3. Have designated areas prepared:</p> <p style="padding-left: 40px;">Parking</p> <p style="padding-left: 40px;">Ammunition point</p> <p style="padding-left: 40px;">Medical station</p> <p style="padding-left: 40px;">Water point</p> <p style="padding-left: 40px;">Concurrent training</p> <p style="padding-left: 40px;">Mess</p> <p style="padding-left: 40px;">Helipad</p> <p style="padding-left: 40px;">Armorer</p> <p>4. Inspect range for operational condition</p>			

## Section 7 - Occupying the Range & Conducting Training (Cont.)

	GO	NO GO	REMARKS
5. Raise flag when occupying or firing, according to the local SOP			
6. Check ammunition to insure it is correct type and quantity			
7. Insure that range personnel are in proper uniform and the equipment is in position			
8. Receive firing units			
9. Conduct safety checks on weapons			
10. Check for clean, fully operational weapons			
11. Conduct safety briefing (to include administrative personnel on range)			
12. Organize personnel into firing orders (keep unit integrity if possible)			
13. Request permission to commence firing from range control			
<b>CONDUCT OF FIRING:</b>			
1. Are communications to range control satisfactory			
2. Commands from tower clear and concise			
3. Range areas policed			
4. Ammunition accountability maintained			
5. Master score sheet updated			
6. Personnel accountability maintained			
7. Vehicles parked in appropriate areas			
8. Air guard on duty and alert			
9. Personnel in proper uniform			
10. Ear plugs in use			

## Section 7 - Occupying the Range & Conducting Training (Cont.)

CONDUCT OF FIRING:	GO	NO GO	REMARKS
11. Troops responding properly to commands			
12. On the spot corrections being made when troops use poor techniques or fail to hit the target			
13. Conservation of ammunition enforced			
14. Weapons cleared before they are taken from the firing line			
15. Personnel checked for brass or ammunition before they leave the range			
16. Anyone standing around not involved in training or support			

## Section 8 - Closing of Range

	GO	NO GO	REMARKS
1. Close down range control according to the local SOP			
2. Remove all equipment and ammunition from range			
3. Police range			
4. Repaste and resurface targets as required by range instructions			
5. Perform other maintenance tasks as required by local SOP			
6. Request a range inspector from range control when ready to be cleared			
7. Submit after action report to headquarters			
8. Report any noted safety hazards to proper authorities			