

CRM LESSON PLAN REPORT

CCO RECORD FIRE (BCT RM PD 13)
071-BT071053 / 5.02 ©

Approved
10 Aug 2021

Effective Date: 10 Aug 2021

SCOPE:

This lesson plan continues to place emphasis on the application of the functional elements of the shot process (TC 3-22.9), and target transitions during single and multiple timed target exposures from five different firing positions (Standing Unsupported, Prone Unsupported, Prone Supported, Kneeling Supported, and Standing Supported). This is an additional measure of performance for cadre to thoroughly evaluate the marksmanship instruction and to identify areas of training that need to be reinforced and improved upon (continued shooter analysis). Concurrent training is required to provide firers with an opportunity to improve the elements of the shot process. Remedial training is required for those Trainees that fail to meet the prescribed standards. Drill Sergeants must place emphasis on seeing the dot in the M68 CCO. (Don't have the dot turned up so bright that it washes out the target). Remind firers that the target will be blurry, but as long as they can see the dot clearly they will hit the target. This lesson plan also continues to place emphasis on transitioning properly from target to target (all transitions occur at the hips) and holds at various ranges. This lesson plan allows for night/CBRN familiarization.

Distribution Restriction: Distribution authorized to U.S. Government agencies and their contractors only due to references used in this lesson plan. This determination was made on 13JULY2021. Insert ATZB-IS

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Foreign Disclosure: FD3 - This training product has been reviewed by the developers in coordination with the MCoE foreign disclosure officer. This training product cannot be used to instruct international military students.

SECTION I. ADMINISTRATIVE DATA

All Course Masters/POIs Including This Lesson

Courses				
<u>Course Number</u>	<u>Version</u>	<u>Title</u>	<u>Phase</u>	<u>Status</u>
750-BT	11.0	Basic Combat Training	N/A	Analysis

POIs				
<u>POI Number</u>	<u>Version</u>	<u>Title</u>	<u>Phase</u>	<u>Status</u>
31B10-OSUT	21.0 ©	Basic Military Police	0	Analysis
12C10-OSUT	20.0 ©	Bridge Crewmember	0	Analysis
750-BT	11.0 ©	Basic Combat Training	0	Analysis
12C10-OSUT (ST)	20.0 ©	Bridge Crewmember	0	Analysis

Task(s) Taught(*) or Supported

<u>Task Number</u>	<u>Task Title</u>	<u>Status</u>
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Reinforced Task(s)

<u>Task Number</u>	<u>Task Title</u>	<u>Status</u>
071-COM-0033	Correct Malfunctions of an M16-Series Rifle/M4-Series Carbine	Approved
071-COM-0030	Engage Targets with an M16-Series Rifle/M4-Series Carbine	Approved
071-COM-0028	Load an M16-Series Rifle/M4-Series Carbine	Approved
071-COM-0027	Unload an M16-Series Rifle/M4-Series Carbine	Approved

Knowledge

<u>Knowledge Id</u>	<u>Title</u>	<u>Taught</u>	<u>Required</u>
071-WPN-0067	Knowledge of Firing Positions	No	Yes
071-WPN-0068	Knowledge of Firing Techniques	No	Yes

Skill

<u>Skill Id</u>	<u>Title</u>	<u>Taught</u>	<u>Required</u>
S0292	Explain the basics of marksmanship fundamentals with a rifle	No	Yes
071-WPN-0005	Ability to Load and Unload Infantry Weapons	No	Yes
071-WPN-0008	Correct Weapons Malfunctions	No	Yes
071-WPN-0023	Engage Targets with Infantry Weapons	No	Yes
071-WPN-0026	Assume Firing Positions	No	Yes

Administrative/ Academic Hours

The administrative/academic (50 min) hours required to teach this lesson are as follows:

<u>Academic</u>	<u>Resident Hours / Methods</u>		
Yes	0 hrs	5 mins	Field Observations
Yes	0 hrs	5 mins	Reflective Discussion
Yes	7 hrs	40 mins	Practical Exercise (Hands-On/Written)
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Total Hours(50 min):	8 hrs	0 mins	

Instructor Action Hours

The instructor action (60 min) hours required to teach this lesson are as follows:

Hours/Actions

1 hrs	0 mins	Training Event Clean-up/Breakdown (non-FTX)
1 hrs	0 mins	Training Event Prep/Setup (non-FTX)

Total Hours (60 min): 2 hrs 0 mins

Test Lesson(s)

<u>Hours</u>	<u>Lesson Number Version</u>	<u>Lesson Title</u>
None		

Prerequisite Lesson(s)

<u>Hours</u>	<u>Lesson Number Version</u>	<u>Lesson Title</u>
None		

Training Material Classification

Security Level: This course/lesson will present information that has a Security Classification of: U - Unclassified.

Foreign Disclosure Restrictions

FD3. This training product has been reviewed by the developers in coordination with the MCoE foreign disclosure officer. This training product cannot be used to instruct international military students.

References

<u>Number</u>	<u>Title</u>	<u>Date</u>
AR 385-10	The Army Safety Program	24 Feb 2017
AR 385-63	Range Safety (MCO 3570.1C)	30 Jan 2012
ATP 5-19	RISK MANAGEMENT, with change 1 dated 8 Sep 2014	14 Apr 2014
PAM 385-10	ARMY SAFETY PROGRAM (*RAR 003, 01/19/2010)	23 May 2008
PAM 385-63	Range Safety	16 Apr 2014
TC 3-20.40	Training and Qualification - Individual Weapons	01 Jul 2019
TC 3-22.9	Rifle and Carbine	13 May 2016
TM 9-1005-319-10	OPERATOR'S MANUAL FOR RIFLE, 5.56 MM, M16A2 (NSN 1005-01-128-9936), (EIC: 4GM) RIFLE, 5.56 MM, M16A3 (NSN 1005-01-357-5112) RIFLE, 5.56 MM, M16A4 (NSN 1005-01-383-2872) (EIC: 4F9) CARBINE, 5.56 MM, M4 (Change 2 Dated 15 April 2019)	01 Aug 2016
TRADOC PAM 600-4	The Soldiers Blue Book	01 Aug 2019
TRADOC REG 350-6	Enlisted Initial Entry Training Policies and Administration http://www.tradoc.army.mil/tpubs/regs/TR350-6.pdf	09 Aug 2019

Student Study Assignment

TRADOC PAM 600-4, IET Soldiers Handbook.

Instructor Requirements

All Instructors must be:

- Trained and experienced in TC 3-22.9, Rifle and Carbine and TC 3-20.40 Training and Qualification-Individual Weapons.

Support Personnel Requirements

None

**Additional
Support
Personnel
Requirements**

<u>Name</u>	<u>Student Ratio</u>	<u>Qty</u>	<u>Man Hours</u>
Driver Remarks:	0:0	4	10.0
Ammunition NCO Remarks:	0:0	1	10.0
Bus Driver Remarks:	0:0	5	10.0
Combat Lifesaver Remarks:	0:0	1	8.0
Range NCOIC Remarks:	0:0	1	8.0
Range OIC Remarks:	0:0	1	10.0

**Equipment
Required
for Instruction**

<u>ID - Name</u>	<u>Student Ratio</u>	<u>Instructor Ratio</u>	<u>Spt</u>	<u>Qty</u>	<u>Exp</u>
* 07-132 - Laser Marksmanship Training System (LMTS) Large Suite Remarks:	0:0				No
* AIMING CARD - AIMING CARD M16 RIFLE (Local TADSS – Not in TSMATS/PAM 25-30) Remarks:	5:50		0	0	No
* DIME WASHER - TRAINING DEVICE: DIME WASHER (Local TADSS – Not in TSMATS/PAM 25-30) Remarks:	5:50		0	0	No
* DVC-T07-26 - M15A1 AIMING CARD (Local TADSS – Not in TSMATS/PAM 25-30) Remarks:	5:50		0	0	No
* DVC-T7-86-1 - TARGET BOX AND PADDLE (Local TADSS – Not in TSMATS/PAM 25-30) Remarks:	5:50		0	0	No
* GTA 08-12-001 - Manual of Applied Performance Skills (MAPS) Remarks:	0:0				No
* T 07-086 - Target Box Paddle Remarks:	5:50				No
* T 07-087 - Riddle Sighting Device Remarks:	5:50		0	0	No
* T 07-103 - Dime Washer Set Remarks:	5:50				No
* T 07-105 - Rifle Rest Target Box Remarks:	5:50				No
1005-01-382-0953 - Carbine, 5.56 Millimeter: M4A1 Remarks:	1:1	0:0	No	0	No
1005-01-526-7294 - Cleaning Kit, Gun, M16A2, M4A1 Rifle 5.56MM Remarks:	1:1	0:0	No	0	No
1005-01-630-9508 - 30 Round Magazine Assembly Remarks:	7:1	0:0	No	0	No
1240-01-411-1265 - Sight, Reflex Collimator: XM68 Remarks:	1:1	0:0	No	0	No
2310-01-090-7709 - Bus Transit 44 Passenger Remarks:	1:44	0:0	No	0	No
2320-01-090-7893 - Truck Cargo Crew Cab 1 Ton 8510 GVW Remarks:	0:0	0:0	Yes	1	No
2320-01-090-7905 - Truck Stake 3-1/2 Ton 14M GVW Remarks:	0:0	0:0	Yes	1	No
2330-01-108-7367 - Trailer Water: M149A2 Remarks:	0:0	0:0	Yes	1	No
4110-01-485-3626 - Chest, Ice Storage, White, 48 Quart Capacity 2S Remarks:	0:0	0:0	Yes	4	No
4210-00-965-1115 - Dry Chemical, Fire Extinguisher, Ammonium Phosphate, 50 Pounds Remarks:	0:0	0:0	Yes	4	No
5820-01-017-3742 - Radio Set Base Station: L43BBB-3100AM Remarks:	0:0	0:0	Yes	1	No
5820-01-243-4960 - Radio 10 Channel, Portable, Motorola: MDL-Q2 Remarks:	0:0	0:0	Yes	8	No
6135-00-643-1309 - BATTERY, NONRECHARGEABLE Remarks:	2:1	0:0	Yes	8	No

6508-01-499-8104 - Dawn, Antibacterial Hand Soap, 25 Fluid Ounces 12S Remarks:	0:0	0:0	Yes	2	No
6515-01-363-4495 - THERMOMETER,CLINICAL,HUMAN Remarks:	0:0	0:0	Yes	4	No
6530-01-260-1222 - Rescue and Transport System, Patient Remarks:	0:0	0:0	Yes	4	No
6545-01-532-3674 - Medical Equipment Set, Combat Lifesaver, Version 2005, UA 245A Remarks:	0:0	0:0	Yes	4	No
6665-01-381-3023 - Wet Bulb-Globe Temperature Kit Remarks:	0:0	0:0	Yes	1	No
7210-00-081-1417 - Sheet, Bed, Cotton-Polyester, White, 104 X 72 Inches, Solid, Plain, Flat Remarks:	0:0	0:0	Yes	8	No
7240-00-089-3827 - Can, Water, Military: Plastic, 5-Gallon Capacity Remarks:	0:0	0:0	Yes	12	No
8960-01-430-4378 - Ice, 8 Pounds Remarks:	1:10	0:0	Yes	8	No
9150-01-053-6688 - Cleaner, Lubricant and Preservative, 1 Gallon Bottle Remarks:	0:0	0:0	Yes	4	No

(Note: Asterisk before ID indicates a TADSS.)

Materials Required

Instructor Materials:

Drill Sergeant will use the Center for Army Lessons Learned (CALL) website at <http://call.army.mil/> to get the most current and relevant information on Tactics, Techniques, and Procedures (TTPs) used in the Operational Environment (OE).

Student Materials:

TRADOC PAM 600-4, IET Soldiers Handbook.

Classroom, Training Area, and Range Requirements

<u>ID - Name</u>	<u>Quantity</u>	<u>Student Ratio</u>	<u>Setup Mins</u>	<u>Cleanup Mins</u>
17805-16-40 Automated Record fire (ARF) Range, 16 Firing Points (Firing Ranges), 40 Acre Remarks: FP's and AC's will vary per Range.		1:200	30	30

Ammunition Requirements

<u>DODIC - Name</u>	<u>Exp</u>	<u>Student Ratio</u>	<u>Instruct Ratio</u>	<u>Spt Qty</u>
AB77 - Cartridge, 5.56 Millimeter Ball, M855A1, Clipped Bulk Pack Remarks: The 80 rounds per soldier are for Stage One 40rds and Stage Two 40rds.	Y	80:1	0:0	

**Instructional Guidance/
Conduct of Lesson**

NOTE: Before presenting this lesson, instructors must thoroughly prepare by studying this lesson and identified reference material.

Purpose of BCT RM 13 – Demonstrate the ability to detect, acquire, and engage single and multiple targets at variable distances and exposure times by rapidly applying the functional elements of the shot process while simultaneously correcting potential malfunctions. It is essential for the Trainee to thoroughly understand and apply the elements of the shot process and accurately detect and engage combat targets on the battlefield.

NOTE: This lesson plan allows time to fire night/CBRN Phases.

**Proponent Lesson
Plan Approvals**

<u>Name</u>	<u>Rank</u>	<u>Position</u>	<u>Date</u>
Joseph Hiner	Not available	Approver	10 Aug 2021

SECTION II. INTRODUCTION

Method of Instruction: Field Observations
Mode of Delivery: Resident Instruction
Instr Type (I:S Ratio): Military - NON-ICH (1:50) (DS)
Time of Instruction: 5 mins

Motivator

The Qualification is the culmination of detecting and engaging single and multiple targets at variable distances and variable exposure times. Remember to properly apply your holds when engaging targets at various ranges, focus your eye on your dot in the M68 CCO and that all target transitions occur at your hips.

The battlefield is forever changing. You must be able to perform under any condition and in any area around the world. Knowing or having a basic idea of what to expect based on the Operational Environment (OE) better prepares you to meet the challenges faced during a time of war. Drill Sergeants will use their past experiences and various scenarios that represent the current Operational Environment (OE).

Terminal Learning Objective

NOTE. Inform the students of the following Terminal Learning Objective requirements.

At the completion of this lesson, you [the student] will:

Action:	Demonstrate engagement proficiency.
Conditions:	On record fire rifle range (Day and Night conditions), given an M4 Carbine, BUIS, M68 CCO, sandbags/barricades for support, magazines, 80 rounds of 5.56mm ammunition, and targets at ranges from 50 to 300 meters with variable exposure times and wearing your prescribed combat uniform.
Standards:	Acquire and engage targets with an M4 Series Carbine utilizing an M68 CCO by engaging targets (single and multiple target exposures, timed exposure, 40 total targets) from the following firing positions: Standing Unsupported, Prone Unsupported, Prone Supported, Kneeling Unsupported, and Standing Supported and applying the elements of the shot process while achieving a minimum of 23 out of 40 target hits.
Learning Domain - Level:	Psychomotor - Precision
No JPME Learning Areas Supported:	None

Safety Requirements

Safety must be paramount in the complex outdoor environment. During the training process, Commanders will utilize the 5-Step Risk Management process to determine the safest and most complete method to train. Every precaution will be taken while replicating realistic battlefield conditions.

Safety is everyone's responsibility to recognize, mitigate, and report hazardous materials.

INSTRUCTOR NOTE: The Instructor will brief the units/site SOP and Risk Management Worksheet for all potential contingencies encountered during the training period/event (i.e., severe weather, fire, evacuation routes, and rally points, etc).

Risk Assessment Level

Low - Refer to Leader Actions

Assessment: Refer to Leader Actions

Controls: Refer to Leader Actions

Leader Actions: Refer to completed DD Form 2977; Deliberate Risk Assessment Worksheet, Jan 2014.

Low - Heat/Cold Weather Injuries.

Assessment: Ensure to check local weather reports prior to the execution of training. Drill Sergeants must conduct layouts prior to training to ensure all required clothing and equipment is present.

Controls: Drill Sergeants will monitor Trainees to ensure adequate hydration and nutrition. Drill Sergeants will ensure Trainees are wearing the appropriate clothing and protective gear for the local weather.

Leader Actions: Ensure DD Form 2977 is updated with the appropriate controls. Make sure every Drill Sergeant is aware of Controls prior to execution of training so they can take appropriate action.

Low - Interactions with local wildlife.

Assessment: Check local listings of wildlife.

Controls: Ensure Drill Sergeants give a detailed Safety Brief prior to the execution of training to include what potentially hazardous animals and insects could be in the area. Drill Sergeants will monitor Trainees at all times.

Leader Actions: Ensure DD 2977 is updated with the appropriate controls. Ensure Drill Sergeants have to appropriate information prior to the execution of training.

Low - Interactions with poisonous plants.

Assessment: Check local listings of potentially hazardous plants.

Controls: Drill Sergeants will give a detailed safety brief to include what types of poisonous plants are in the area, (sumac, poison oak/ivy). Drill Sergeants will ensure Trainees avoid the identified plants.

Leader Actions: Ensure DD 2977 is updated with the appropriate controls. Ensure Drill Sergeants have the appropriate information prior to the execution of Training.

Low - Hyponatremia.

Assessment: Review the symptoms of Hyponatremia.

Controls: Drill Sergeants will monitor Trainee water consumption. Ensure the safety brief includes the symptoms of Hyponatremia.

Leader Actions: Ensure DD 2977 is updated with appropriate controls. Ensure Drill Sergeants have the appropriate information prior to the safety brief.

Low - Inclement weather.

Assessment: Check local forecasts. Contact range control for more detailed information.

Controls: Drill Sergeants will brief Trainees what course of action to take for specific weather conditions (lightning, Tornadoes, etc.)

Leader Actions: Ensure DD 2977 is updated with appropriate controls. Ensure Drill Sergeants are aware of what weather is expected and where to take shelter if appropriate.

Low - Dehydration.

Assessment: Check water levels in the unit water trailer prior to execution of training. Make sure Drill Sergeants check Trainees water is topped off prior to departure.

Controls: Drill Sergeants will include symptoms of dehydration in their safety brief. Drill Sergeants will monitor Trainees water Consumption.

Leader Actions: Ensure DD 2977 is updated with appropriate controls. Ensure Drill Sergeants have the appropriate information prior to the safety brief.

Low - Fratricide.

Assessment: Review range/weapons safety procedures prior to training.

Controls: The Drill Sergeants will include range/weapons safety procedures in their safety brief. Drill Sergeants will closely monitor trainees during the live fire portion of the training.

Leader Actions: Ensure DD 2977 is updated with appropriate controls. Ensure Drill Sergeants have the appropriate information prior to the safety brief.

Environmental Considerations

NOTE: Instructor should conduct a risk assessment to include environmental considerations IAW the current environmental considerations publication, and ensure students are briefed on hazards and control measures.

Units and installations will prepare an environmental risk assessment using the before, during, and after checklist found in ATP 3-34.5 MCRP 4-11B, AUG 2015. The checklist should supplement local and state environmental regulations applicable to your area.

Instructional Lead-in

You have proven you can detect and engage targets with your M4 and M68 CCO, ranging from 50 to 300 meters in full combat gear. Now you must confirm your skills by hitting 23 of 40 targets.

- Expert: 36 to 40
- Sharpshooter: 30 to 35
- Marksman: 23 to 29
- Unqualified: 22 and below

SECTION III. PRESENTATION

TLO - LSA 1. Learning Step / Activity TLO - LSA 1. Conduct a Range Safety Brief.

Method of Instruction: Practical Exercise (Hands-On/Written)

Mode of Delivery: Resident Instruction

Instr Type (I:S Ratio): Military - NON-ICH (3:50)(DS)

Time of Instruction: 10 mins

Media Type: Actual Equipment / Equipment Based Instruction / Oral Presentation / Practical Exercise / Situational Based Instruction

Other Media: Unassigned

Security Classification: This course/lesson will present information that has a Security Classification of: U - Unclassified.

Brief range safety from the range safety book and the risk assessment. Conduct an inspection of the Trainees to ensure they are wearing the prescribed PPE.

Check on Learning:

Conduct a check on learning by asking questions, soliciting answers from Trainees and correcting misunderstandings. The following questioning prompts can be utilized to determine if the Trainees have achieved the desired level of learning and are capable of applying the information taught during this lesson:

What actions would you take to perform _____?

How would you develop _____ to present _____?

What other way would you choose to _____?

What would the result be if _____?

How would you demonstrate _____?

How would you present _____?

How would you change _____?

How would you modify _____?

How could you develop _____?

Why does _____ work?

How would you alter _____ to _____?

What examples can you find that _____?

How would you solve _____?

Review Summary:

NOTE: Repeat the terminal learning objective of the lesson and summarize the learning step activity.

NOTE: Determine if the Trainees have learned the material presented by soliciting Trainee questions and explanations. Ask the Trainees questions and correct misunderstandings.

NOTE: Reiterate the Performance Enhancement Component(s) that can be utilized to accomplish the intended learning outcome(s).

TLO - LSA 2. Learning Step / Activity TLO - LSA 2. Engage targets with an M4 carbine.

Method of Instruction: Practical Exercise (Hands-On/Written)

Mode of Delivery: Resident Instruction

Instr Type (I:S Ratio): Military - NON-ICH (3:50)(DS)

Time of Instruction: 7 hrs 30 mins

Media Type: Actual Equipment / Equipment Based Instruction / Practical Exercise / Situational Based Instruction

Other Media: Unassigned

Security Classification: This course/lesson will present information that has a Security Classification of: U - Unclassified.

INSTRUCTOR NOTE: The firing line ratio should be 1 Drill Sergeant per 5 Trainees.

INSTRUCTOR NOTE: Move Trainees into their firing positions to engage targets.

INSTRUCTOR NOTE: For those Trainees not on the firing or ready lines, conduct concurrent training.

INSTRUCTOR NOTE: Trainees will have the opportunity to fire 2 iterations, (Phase 1 & 2). Either phase may be conducted in day or night conditions with identifiable targets.

Check on Learning:

Conduct a check on learning by asking questions, soliciting answers from Trainees and correcting misunderstandings.

Review Summary:

NOTE: Repeat the terminal learning objective of the lesson and summarize the learning step activity.

NOTE: Determine if the Trainees have learned the material presented by soliciting Trainee questions and explanations. Ask the Trainees questions and correct misunderstandings.

NOTE: Reiterate the Performance Enhancement Component(s) that can be utilized to accomplish the intended learning outcome(s).

SECTION IV. SUMMARY

Method of Instruction:	Reflective Discussion
Mode of Delivery:	Resident Instruction
Instr Type(I:S Ratio):	Military - NON-ICH (1:50) (DS)
Time of Instruction:	5 mins

Check on Learning

Conduct a check on learning by refining mastery techniques.

Review/ Summary

NOTE: Repeat the terminal learning objective of the lesson and summarize the learning step activity.

NOTE: Determine if the Trainees have learned the material presented by soliciting Trainee questions and explanations. Ask the Trainees questions and correct misunderstandings.

NOTE: Reiterate the Performance Enhancement Component(s) that can be utilized to accomplish the intended learning outcome(s).

SECTION V. STUDENT EVALUATION

Testing Requirements

NOTE: Describe how the Trainee must demonstrate accomplishment of the TLO. Refer Trainee to the Individual Student Assessment Plan (ISAP).

Feedback Requirements

NOTE: The Trainee will receive timely feedback from the Instructors during all practical exercises, hands-on performance evaluations, and reflective discussions. The Trainee will be counseled (positive and/or negative) based on their performance. Score the Trainee in accordance with the ISAP. If the Trainee fails any step, show or tell him what was done wrong and show them how to do it correctly then provide an opportunity for supervised practices to ensure understanding and application. Document feedback for Training Developer(s), especially pertinent information that can improve training.

Appendix A - Viewgraph Masters

**CCO Record fire (BCT RM Pd 13)
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Sequence	Media Name	Media Type
None		

Appendix B - Assessment Statement and Assessment Plan

Assessment Statement: None.

Assessment Plan: None.

Appendix C - Practical Exercises and Solutions

PRACTICAL EXERCISE(S)/SOLUTION(S) FOR LESSON 071-BT071053 Version 5.02 ©

Appendix D - Student Handouts

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Sequence	Media Name	Media Type
None		