

CRM LESSON PLAN REPORT

BUIS QUALIFICATION (BCT RM PD 7)
071-BT071047 / 5.02 ©

Approved
19 Jul 2021

Effective Date: 19 Jul 2021

SCOPE:

This lesson plan continues to place emphasis on the application of the functional elements of the shot process, recoil management, and target transitions during single and multiple timed target exposures from five required firing positions (Standing Unsupported, Prone Unsupported, Prone Supported, Kneeling Supported, and Standing Supported). This is the first measure of performance for cadre to thoroughly evaluate the marksmanship instruction and identification of areas that need to be reinforced and improved upon (continued shooter analysis). It is encouraged that concurrent training and remedial training focus on movement, aiming, control, and stability.

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Foreign Disclosure: FD3 - This training product has been reviewed by the developers in coordination with the MCoE G2 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-0068	Knowledge of Firing Techniques	No	Yes
071-WPN-0075	Fighting Positions	No	Yes

Skill

<u>Skill Id</u>	<u>Title</u>	<u>Taught</u>	<u>Required</u>
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	10 mins	Lecture
Yes	0 hrs	5 mins	Reflective Discussion
Yes	3 hrs	35 mins	Practical Exercise (Hands-On/Written)
<hr/>			
Total Hours(50 min):	4 hrs	0 mins	

Instructor Action Hours

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

<u>Hours/Actions</u>			
1 hrs	30 mins	Training Event Clean-up/Breakdown (non-FTX)	
1 hrs	30 mins	Training Event Prep/Setup (non-FTX)	
<hr/>			
Total Hours (60 min):	3 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 G2 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 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, STP 21-1 SMCT.

Instructor Requirements

All Instructors must be:

- Trained and experienced in Rifle Marksmanship.

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
Tower Operator Remarks:	0:0	1	8.0
Ammunition NCO Remarks:	0:0	1	10.0
Bus Driver Remarks:	0:0	5	10.0
Combat Lifesaver Remarks:	0:0	1	4.0
Range Technician 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>
* 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 07-087 - Riddle Sighting Device Remarks:	5:50		0	0	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:	0:0	0:0	No	0	
1005-01-630-9508 - 30 Round Magazine Assembly Remarks:	7:1	0:0	No	0	No
2310-01-090-7709 - Bus Transit 44 Passenger Remarks:	1:44	0:0	No	0	No
2320-01-380-8604 - Truck Utility: Heavy Variant HMMWV 4x4 10000 GVW W/E: M1097A2 Remarks:	0:0	0:0	Yes	1	No
2320-01-549-8577 - Truck Cargo: without Winch M1078A1P2 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
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 Sergeants 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, STP 21-1 SMCT.

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 and AC 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>
AB46 - Dummy Cartridge, 5.56 Millimeter Remarks:	N	0:0	0:0	200
AB77 - Cartridge, 5.56 Millimeter Ball, M855A1, Clipped Bulk Pack Remarks:	Y	40:1	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 7 – Demonstrate the ability to detect, acquire, and engage single and multiple targets at variable distances and exposure times by rapidly applying the elements while simultaneously correcting potential malfunctions. It is essential for the Trainees to thoroughly understand and apply these elements so he/she can accurately detect and engage combat targets on the battlefield.

Conduct a thorough review of performance (score) with the Trainees. Identify the firing order, point (lane), score and the individual targets that were missed during the performance evaluation (BUIS Qualification). This will facilitate the identification of remedial training to be conducted. If the Trainees are consistently missing certain targets, further shooter analysis can take place to identify areas of focus (i.e., scanning for targets, target transitions, holds, shooting positions, etc).

NOTE: See TC3-20.40, Rifle Marksmanship-Individual Weapons, Appendix E, for the conduct of the range. Page E-87 explains how the first engagement will be executed upon positive identification:

- Soldier engages the first target from the STANDING UNSUPPORTED firing position then goes to the PRONE UNSUPPORTED firing position.
- Soldier acquires, prioritizes, and engages targets with one round per target.

**Proponent Lesson
Plan Approvals**

<u>Name</u>	<u>Rank</u>	<u>Position</u>	<u>Date</u>
Joseph Hiner	Not available	Approver	19 Jul 2021

SECTION II. INTRODUCTION

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

Motivator

The battlefield is forever changing. You must be able to execute under any condition anywhere around the world. Knowing or having a basic idea of what to expect based on the Operational Environment (OE) better prepares you as a Trainee to meet the challenges faced during time of war. Drill Sergeants will use his/her past experiences and various scenarios to replicate the current Operational Environment (OE) in places the military is deployed around the world.

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:	Qualify with an M4 Series Carbine utilizing the Back Up Iron Sights (BUIS).
Conditions:	On an automated record fire (ARF) range, given an M4 Carbine, BUIS, barricade, sandbags, magazines, 40 rounds of 5.56mm ammunition, and targets at ranges from 50m to 300m with variable exposure times while wearing the prescribed uniform.
Standards:	Demonstrate engagement proficiency by stage: Hit 57.5 percent (23 of 40) of all presented targets in the time allotted from the five required firing positions (Standing Unsupported, Prone Unsupported, Prone Supported, Kneeling Supported, and Standing Supported).
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 Deliberate Risk Assessment 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 - Risk Assessment to be produced locally IAW ATP 5-19, 14 APRIL 2014.

Assessment: NONE

Controls: NONE

Leader Actions: NONE

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 TC 3-34.5, Appendix K. The checklist should supplement local and state environmental regulations applicable to your area.

**Instructional
Lead-in**

You will fire for qualification. You have proven your ability to detect and engage targets from 50 to 300 meters. Remember to apply the elements of the shot process as you encounter enemy targets.

SECTION III. PRESENTATION

TLO - LSA 1. Learning Step / Activity TLO - LSA 1. Range Orientation and Safety Briefing.

Method of Instruction: Lecture

Mode of Delivery: Resident Instruction

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

Time of Instruction: 5 mins

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

Other Media: Unassigned

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

Note: Marked as (*) is derived from the parent learning object

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

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

Check on Learning:

Conduct a check on learning by asking questions, soliciting answers from students and correcting misunderstandings. During qualification, the previous RM lessons are applied to complete this evaluation/qualification.

Review Summary:

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

NOTE: Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students 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: 3 hrs 35 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.

Note: Marked as (*) is derived from the parent learning object

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

INSTRUCTOR NOTE: Move Soldiers into their firing positions to engage targets. Ensure each soldier is positioned with the appropriate left/right hand barricade.

INSTRUCTOR NOTE: Soldiers who do not meet the prescribed standard will receive remedial training based on a diagnosis of the problem. If remedial training, time, and ammunition are available, Soldiers should be allowed to re-fire. After Soldiers meet the standard or complete remedial training in the concurrent training area they will be returned to unit cadre for opportunity training.

Check on Learning:

Conduct a check on learning by asking questions, soliciting answers

from students, and correcting misunderstandings of previous lessons that may have caused a low qualification score.

Review Summary:

Conduct a thorough review of performance with the Trainees. Identify the firing point (lane), score and the individual targets that were missed during the performance evaluation. This will facilitate the identification of remedial training to be conducted. If the trainees are consistently missing certain targets, further shooter analysis can be conducted to identify areas that can be worked on (i.e., scanning for targets, target transitions, holds, etc). This extra time could identify critical areas that can improve consistency and performance.

SECTION IV. SUMMARY

Method of Instruction:	Reflective Discussion
Mode of Delivery:	Resident Instruction
Instr Type(I:S Ratio):	Military - NON-ICH (1:50) (11B/11C DS)
Time of Instruction:	5 mins

Check on Learning

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

Review/ Summary

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

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

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

SECTION V. STUDENT EVALUATION

Testing Requirements

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

Feedback Requirements

NOTE: The Trainee will receive timely feedback from the Drill Sergeant during all practical exercises, hands-on performance evaluations, and written examinations through mentoring and reflective discussions. The Trainee will be counseled (positive and/or negative) based on their performance on evaluations and classroom participation. 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

**BUIS Qualification (BCT RM Pd 7)
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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-BT071047 Version 5.02 ©

Appendix D - Student Handouts

**BUIS Qualification (BCT RM Pd 7)
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Sequence	Media Name	Media Type
None		