

## CRM LESSON PLAN REPORT

BUIS GROUP AND ZERO (BCT RM PD 3)  
071-BT071043 / 5.02 ©

Approved  
19 Jul 2021

Effective Date: 19 Jul 2021

### SCOPE:

This is the initial opportunity to conduct Shooter analysis and identify areas for improvement in the application of the elements of the shot process while firing live ammunition with the M4 Series Carbine. The primary training will be conducted on a live-fire range using a 25 meter target. Concurrent Training is recommended to keep the Trainees engaged and Remedial Training is required for those Trainees that do not meet the standards. Concurrent training will focus on building their individual shooting position (factors of a steady position-magazine can be placed on the ground), peer coaching duties and responsibilities, shooter analysis (perception of Center Mass), dime washer exercises, shadow box exercises), applying the elements of the shot process, natural point of aim, and recoil management. Drill Sergeants need to be aware that reinforcement emphasis should be on viewing the Front Sight Post and reinforce that the Target will be blurry; but as long as they can see the front sight post clearly, they will hit the target.

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**Foreign Disclosure: FD2** - This training product has been reviewed by the training developers in coordination with the MCoE G2 foreign disclosure officer. This training product can be used to instruct international military students when the country meets specific criteria. Specify requirement(s) that each country must meet (select all that are appropriate): 1) Must purchase equipment through FMS TBD; 2) Must be a member of a specific group or coalition TBD; 3) Must have an accepted clearance (must be authorized under an identified general security agreement with the US); 4) May not attend FD3 modules TBD; 5) Other TBD.

**SECTION I. ADMINISTRATIVE DATA**

**All Course Masters/POIs Including This Lesson**

<b>Courses</b>				
<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

<b>POIs</b>				
<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>
<b>Individual</b>		
071-COM-0030 (*)	Engage Targets with an M16-Series Rifle/M4-Series Carbine	Approved

**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-0032	Maintain an M16-Series Rifle/M4-Series Carbine	Approved
071-COM-0031	Zero 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-0061	Weapons Maintenance	No	Yes
071-WPN-0069	Zeroing Techniques	Yes	No

**Skill**

<u>Skill Id</u>	<u>Title</u>	<u>Taught</u>	<u>Required</u>
071-WPN-0009	Zero Infantry Weapons	Yes	No

**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	3 hrs	40 mins	Drill and Practice
Yes	0 hrs	5 mins	Reflective Discussion
Yes	3 hrs	40 mins	Practical Exercise (Hands-On/Written)
Yes	0 hrs	5 mins	Discussion (Small or Large Group)
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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

0 hrs	40 mins	Logistics Support – Personnel Transport
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 40 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**

FD2. This training product has been reviewed by the training developers in coordination with the MCoE G2 foreign disclosure officer. This training product can be used to instruct international military students when the country meets specific criteria. Specify requirement(s) that each country must meet (select all that are appropriate): 1) Must purchase equipment through FMS TBD; 2) Must be a member of a specific group or coalition TBD; 3) Must have an accepted clearance (must be authorized under an identified general security agreement with the US); 4) May not attend FD3 modules TBD; 5) Other TBD.

**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 385-30	RISK MANAGEMENT	02 Dec 2014
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

**Student Study Assignment**

TRADOC PAM 600-4, *IET Soldiers Handbook*

**Instructor Requirements**

All Instructors must be:  
 - Trained and experienced on TC 3-20.40 and TC 3-22.9.

**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	24.0
Operations NCO Remarks:	0:0	1	24.0
Tower Operator Remarks:	0:0	1	24.0
Ammunition NCO Remarks:	0:0	1	27.0
Bus Driver Remarks:	1:44		12.0
Combat Lifesaver Remarks:	1:50		9.0
Range Technician Remarks:	0:0	1	24.0
Range NCOIC Remarks:	0:0	1	24.0
Range OIC Remarks:	0:0	1	24.0

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**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
* DVC-T07-26 - M15A1 AIMING CARD (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:	1:1				No
* T 07-086 - Target Box Paddle Remarks:	1:10				No
* T 07-087 - Riddle Sighting Device Remarks:	5:50				No
* T 07-103 - Dime Washer Set Remarks:	1:4				No
* T 07-105 - Rifle Rest Target Box Remarks:	1:10				No
* TAD-26A - FRONT AND REAR SIGHT MOCK-UP M16A2 (Local TADSS – Not in TSMATS/PAM 25-30) Remarks:	2:200		0	0	No
1005-01-363-0199 - Loader, Magazine Remarks:	1:1	0:0	No	0	No
1005-01-382-0953 - Carbine, 5.56 Millimeter: M4A1 Remarks:	1:1	0:0	No	0	No
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
2320-01-090-7834 - Truck Carryall 1- 1/2 Ton 8500 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
4210-00-288-7219 - Extinguisher, Fire, Carbon Dioxide, 10 LB 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
6920-01-253-4005 - Target, Silhouette Remarks:	1:2	0:0	No	0	No
6920-01-395-2949 - Target, Silhouette: M16A2/M4 Zero Remarks:	3:1	0:0	No	0	No
6920-01-660-9191 - Target, Zeroing, 25 Meter Remarks:	4:1	0:0	No	0	Yes
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	25	No
7330-00-781-3859 - Jug, Insulated, 5 Gallon Remarks:	0:0	0:0	Yes	4	No
7520-01-294-3720 - MARKERS, DRY ERASE Remarks:	0:0	2:1	No	0	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:	1:50	0:0	No	0	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).

Grouping Targets (1 per Trainee, minimum)

Zero Targets ( 2 per Trainee, minimum)

Ear Pro (extra)

Duty Box (Complete)

### 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>
17801-110-40 Basic 10M-25M Firing Range (Zero), 110 Firing Points (Firing Ranges), 40 Acre Remarks: 110 FP is the minimum 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>
AB77 - Cartridge, 5.56 Millimeter Ball, M855A1, Clipped Bulk Pack Remarks:	Y	70:1	0:0	

**Instructional Guidance/  
Conduct of Lesson**

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

**Conduct of Training**

Training may be conducted in 3 groups consisting of 2 groups at the company training area conducting rifle marksmanship drills and weapons maintenance. The other group may be at the range conducting grouping and zeroing procedures. These groups will have been identified during RM 2 based upon the Trainees individual performance in the Rifle Marksmanship Simulator. This will be a 2-3 day event. If a Trainee is placed into the group which zeros on Day 2 or Day 3 it is because that his/her grasp of the functional elements of the shot process is not complete and therefore requires further instruction in order to ensure his/her grouping and zeroing procedures can be conducted to standard.

**Main Effort: Grouping/Zeroing Range:**

Drill Sergeant to Trainee ratio must be maintained at no greater than 1 to 3 in order to ensure Trainees are zeroed properly.

One Drill Sergeant must be devoted to running the verification process which ensures Trainees understand the elements of the shot process.

One Drill Sergeant must run the remedial training station. This must be a Drill Sergeant/Instructor in order to ensure remediation is done properly and in a timely manner.

Before being given rounds and sent to the firing line, Trainees will demonstrate their understanding of the elements of the shot process by successfully completing 5 consecutive dime/washer drills a before live ammunition is issued. This will be overseen by the Drill Sergeant running the verification process.

Drill Sergeants on the line will fill the role of safety, coach, and instructor.

Trainees will fire two 5-round shot groups using their BUIS. **A best practice:** Do not allow the firer to view the hits on the targets. Most firers will unconsciously change their point of arm to move the strike of the round. To avoid this, allow them to walk half way to target and provide them with adjustment instructions.

If they fail to adequately group, they will take their target to the remedial training station where the Drill Sergeant at that station will give them the required remedial training. Trainees must fire 10 rounds to group, even if their first 5 rounds are in a good shot group.

After achieving 8 out of 10 rounds in a group with their BUIS, Soldiers will fire 5-round groups, then check the target and determine the corrections they need to make on their sight. The Drill Sergeant coaching them will verify their corrections. Trainees have zeroed their BUIS when they have achieved 8 out of 10 rounds in 2 consecutive 5 round shot groups inside the 4 cm circle on a 25m zero target.

Once a Trainee has grouped and zeroed with their BUIS, they will leave the range and proceed to verification station where the Drill Sergeant in charge will verify they have met the standard. The Trainee will then proceed to the concurrent training station(s).

**Proponent Lesson  
Plan Approvals**

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

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## SECTION II. INTRODUCTION

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

### Motivator

Today you will zero your weapon by conducting a proper grouping. The zeroing process and ability to hit targets both begin with grouping procedures. 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 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:	Zero a M4 Carbine with Back Up Iron Sight (BUIS).
Conditions:	On a 25m range, given an M4 Carbine with BUIS; sandbags for support, magazines, 70 rounds of 5.56mm ammunition (BUIS), and a 300m M4 Series zero target (x3, one for grouping exercise and two for the zero exercise) placed on the standard E-Type silhouette while firing from the prone supported position and wearing the prescribed uniform.
Standards:	Zero a M4 Series Carbine with Back Up Iron Sight (BUIS) through the following steps: -Conduct a grouping exercise and achieving 8 out of 10 rounds in two consecutive five-round shot groups within a 4 cm circle. -Conduct sight adjustments to achieve point of aim/point of impact during zeroing and achieving 8 out of 10 rounds in two consecutive five-round shot groups within a 4 cm circle.
Learning Domain - Level:	Psychomotor - Manipulation
No JPME Learning Areas Supported:	None

### Safety Requirements

Safety must be paramount in the complex outdoor environment. During the training process, leaders 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 unit/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 - 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**

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**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, Appendix K. The checklist should supplement local and state environmental regulations applicable to your area.

**Instructional Lead-in**

During this lesson you will apply the elements of the shot process and establish a tight shot group. You will then adjust your sights so that your subsequent shot groups strike the center of the target. This is how you zero your weapon.

### SECTION III. PRESENTATION

**NOTE:** Inform the students of the Enabling Learning Objective requirements.

#### A. ENABLING LEARNING OBJECTIVE

<b>ACTION:</b>	Conduct a grouping exercise on a M4 Carbine with BUIS.
<b>CONDITIONS:</b>	Given a 25m range, a M4-Series Carbine, a BUIS, magazines, 30 rounds of 5.56mm ammunition, an explanation of the sight adjustment process, a target for the grouping exercise, and wearing the prescribed uniform.
<b>STANDARDS:</b>	Conduct a grouping exercise with a M4 Series carbine with BUIS by: Firing 5 round shot groups until achieving 8 out of 10 consecutive rounds within a 4 cm circle (two 5 round shot groups).
<b>LEARNING DOMAIN - LEVEL:</b>	Psychomotor - Manipulation
<b>No JPME LEARNING AREAS SUPPORTED:</b>	None

ELO A - LSA 1. Learning Step / Activity ELO A - LSA 1. Brief RM Zero Range Safety.

Method of Instruction: Discussion (Small or Large Group)

Mode of Delivery: Resident Instruction

Instr Type (I:S Ratio): Military - NON-ICH (3:50)(Drill Sergeant(s))

Time of Instruction: 5 mins

Media Type: Actual Equipment / Conference

Other Media: Unassigned

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

**INSTRUCTOR NOTE: The Live fire range operations and safety brief is a range requirement.**

**I will now give you a range safety briefing.....**

Check on Learning:

Conduct a check on learning by asking questions, soliciting answers from Students and correcting misunderstandings. The following questioning prompts can be utilized to determine if the Students 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: Restate 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).**

ELO A - LSA 2. Learning Step / Activity ELO A - LSA 2. Review range procedures prior to firing.

Method of Instruction: Lecture

Mode of Delivery: Resident Instruction

Instr Type (I:S Ratio): Military - NON-ICH (3:50)(Drill Sergeant(s))

Time of Instruction: 5 mins

Media Type: Actual Equipment / Conference

Other Media: Unassigned

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

1. Safety first.
2. Hearing protection.
3. Eye protection.
4. Range walk.
5. Other PPE.
6. Entering and exiting the range.
7. Ammo point procedures.
8. Weapon orientation while on the range.

Check on Learning:

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

Review Summary:

**NOTE: Restate 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).**

ELO A - LSA 3. Learning Step / Activity ELO A - LSA 3. Conduct a grouping exercise.

Method of Instruction: Practical Exercise (Hands-On/Written)  
Mode of Delivery: Resident Instruction  
Instr Type (I:S Ratio): Military - NON-ICH (3:50)(Drill Sergeant(s))  
Time of Instruction: 3 hrs 40 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.

Conduct a Grouping Exercise with an M4 Series Carbine with the BUIS.

**INSTRUCTOR NOTE:** The Firing Line ratio should be 1 Drill Sergeant per 3 Trainees.

You will now perform the grouping exercise using the BUIS. During the process of grouping, if you have a malfunction, you will apply immediate action to correct the cycle of function. This application of immediate action will be critiqued by the coach and observed by the Drill Sergeant. Remember to focus your eye on the front sight post. You must be able to see the front sight post clearly. The target will be blurry, however you will be able to place the front sight post center mass on the target.

**INSTRUCTOR NOTE:** After each 5-round shot group is fired, the coach will go downrange and mark and number the group with assistance from Drill Sergeants. Once the shooter's performance has been verified by the DS/Cadre and has met the standard of two consecutive shot groups placing 8 out of 10 rounds within the same circle. Trainees who have not met grouping standards within the first 15 rounds must have their problem diagnosed by a Drill Sergeant and receive remedial training before a second attempt at grouping. DS/Cadre must be alert for any signs of faulty magazines, inoperative weapons, or malfunctions.

**INSTRUCTOR NOTE:** A technique is to only have the peer coach to see the target hits. The firer will sometimes attempt to change the point of aim to compensate for required adjustments.

\* Remember the best practice of not allowing the firer to view the hits on the target. Most inexperienced firers will attempt to use "Kentucky windage" to correct hit location instead of proper adjustment procedures.

Check on Learning:

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

Review Summary:

**NOTE: Restate 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).**

**CHECK ON LEARNING (ELO A):**

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

**REVIEW SUMMARY(ELO A):**

**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).**

**B. ENABLING LEARNING OBJECTIVE**

<b>ACTION:</b>	Conduct Sight adjustments to achieve point of aim/point of impact using the Backup Iron Sight (BUIS).
<b>CONDITIONS:</b>	During daylight operations on a 25m range, given a M4 Carbine with backup iron sights, sandbags for support, magazines, 40 rounds of 5.56mm ammunition, a 300m M4 Series zero target placed on the standard E-Type silhouette while firing from the prone supported position and wearing the prescribed uniform.
<b>STANDARDS:</b>	Conduct Sight adjustments to achieve point of aim/point of impact using the Backup Iron Sight (BUIS). Fire until 8 out of 10 rounds are in two consecutive 5-round shot groups within a 4 cm circle.
<b>LEARNING DOMAIN - LEVEL:</b>	Psychomotor - Precision
<b>No JPME LEARNING AREAS SUPPORTED:</b>	None

ELO B - LSA 1. Learning Step / Activity ELO B - LSA 1. Zero with the BUIS.

Method of Instruction: Drill and Practice  
 Mode of Delivery: Resident Instruction  
 Instr Type (I:S Ratio): Military - NON-ICH (3:50)(Drill Sergeant(s))  
 Time of Instruction: 3 hrs 40 mins  
 Media Type: Actual Equipment / Practical Exercise  
 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 3 Trainees

You will now zero the BUIS to your weapon. During the process of zeroing, if you have a malfunction, you will apply immediate action. This application of immediate action will be critiqued by the coach and observed by the DS/Cadre. Remember, do not adjust the sights until you've received downrange feedback.

**INSTRUCTOR NOTE:** After each 5-round shot group is fired, the peer coach will go downrange, mark, and number the group with assistance from Drill Sergeants. The Trainee will return to the firing line and adjust the BUIS to obtain a zero.

Once the shooter's performance has been verified by the Instructor and has met the standard of two consecutive shot groups, placing 8 out of 10 rounds within the 4cm circle, or the shooter still has not met the standard, the coach will rotate by order of the DS/cadre and repeat the grouping and zeroing process until training is complete. Coaches and Instructors must be aware of faulty magazines or inoperative weapons in need of repair.

It is critical that you obtain a zero before progressing in the RM program. Therefore, Trainees who have not met grouping standards must have their challenges diagnosed by a Drill Sergeant and receive remedial training prior to a second attempt at grouping.

Check on Learning: Conduct a check on learning by asking questions, soliciting answers from Students and correcting misunderstandings.

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).**

**CHECK ON LEARNING (ELO B):** Conduct a check on learning by asking questions, soliciting answers from Students and correcting misunderstandings.

**REVIEW SUMMARY(ELO B):**

**NOTE: Restate 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).**

## SECTION IV. SUMMARY

Method of Instruction:	Reflective Discussion
Mode of Delivery:	Resident Instruction
Instr Type(I:S Ratio):	Military - NON-ICH (1:50)
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: Restate 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).**



## SECTION V. STUDENT EVALUATION

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### 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 instructors 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 Group and Zero (BCT RM Pd 3)  
071-BT071043 / Version 5.02 ©**

<b>Sequence</b>	<b>Media Name</b>	<b>Media Type</b>
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-BT071043 Version 5.02 ©**

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**Appendix D - Student Handouts**

**BUIS Group and Zero (BCT RM Pd 3)  
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<b>Sequence</b>	<b>Media Name</b>	<b>Media Type</b>
1	198th Coaches Card	PDF