CRM LESSON PLAN REPORT

Perform Maintenance on the M110 Semi-Automatic Sniper System (SASS) 7.62mm
101-92Y10D08 / 01.0 ©

Approved
28 Jun 2023

Effective Date: 28 Jun 2023

SCOPE:
This lesson introduces the newly designated unit armorer on how to perform Preventive Maintenance on the M110 Semi-Automatic Sniper System (SASS) 7.62mm. The expected learning outcomes is for the student to be able to perform Preventive Maintenance on the M110 Sniper System in accordance with TM 9-1005-342-10, TM 9-1005-342-23&P and DA Pam 750-8, finding all deficiencies without losing accountability. This lesson supports the Army Learning Area (ALA) of professional competence, and General Learning Outcome (GLO) 14, Soldiers and Civilians are technically and tactically competent. The goal of this lesson is to provide the Student with the knowledge and skills to perform Preventive Maintenance on the M110 Semi-Automatic Sniper System without supervision and to the standards outlined in TM 9-1005-342-10, TM 9-1005-342-23&P, DA Pam 750-8 and ARIMS User Guide.

SECTION I. ADMINISTRATIVE DATA

All Course Masters /POIs Including This Lesson

Courses

Course Number	Version	Title	Phase	Status
None				

POIs

Course Number	Version	Title	Phase	Status
None				

Task(s) Taught(*) or Supported

Task Number	Task Title	Status
Individual		
101-92Y-1409 (*)	Perform Unit Level PMCS on Small Arms	Approved
Collective		
None		

Reinforced Task(s)

Task Number	Task Title	Status
None		

Knowledge

Knowledge ID	Title	Taught	Required
K22092	Understand general PMCS principles and procedures	Yes	Yes

Skill

Skill ID	Title	Taught	Required
101-S-M014	Ability to perform PMCS on equipment used.	Yes	Yes

Administrative/ Academic Hours

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

Academic	Resident Hours / Methods		
Yes	1 hr	35 mins	Demonstration
Yes	0 hrs	25 mins	Discussion (Small or Large Group)
Yes	1 hr	0 mins	Hardware-Oriented Test
Yes	0 hrs	30 mins	Practical Exercise (Hands-On/Written)
Yes	0 hrs	10 mins	Reflective Discussion
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:

Hours/Actions		
0 hrs	15 mins	Classroom Breakdown
0 hrs	15 mins	Classroom Setup
1 hr	0 mins	Logistics Support - Weapon
0 hrs	25 mins	Student Counseling
1 hr	0 mins	Student Re-test
0 hrs	25 mins	Student Re-train
Total Hours (60 min):	3 hrs	20 mins

Test Lesson(s)

Hours	Lesson Number Version	Lesson Title
None		

Prerequisite Lesson (s)

Hours	Lesson Number Version	Lesson Title
None		

Training Material Classification

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

Foreign Disclosure Restrictions

FD1. This training product has been reviewed by the training developers in coordination with the Fort Gregg-Adams foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

References

Number	Title	Date
ARIMS User Guide	Army Records Information Management System (ARIMS) User Guide	04 Aug 2022
DA PAM 750-8	The Army Maintenance Management System (TAMMS) Users Manual	22 Aug 2005
TM 9-1005-342-10	OPERATOR'S MANUAL FOR M110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) 7.62MM	03 Sep 2017
TM 9-1005-342-23&P	FIELD MAINTENANCE INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL) FOR M110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) 8.62MM (NSN: 1005-01-534-2841)	30 Sep 2017

Student Study Assignment

None

Instructor Requirements

Primary Instructor and Assistant Instructor(s)

Support Personnel Requirements

Armorer
Computer System Analyst

Additional Support Personnel Requirements

Name	Student Ratio	Qty	Man Hours
Armorer Remarks:	0:0	1	0.6
Computer System Analyst Remarks:	0:0	1	8.0

Equipment Required for Instruction

ID - Name	Student Ratio	Instructor Ratio	Spt	Qty	Exp
1005-01-534-2841 - Rifle, Sniper: M110 Remarks:	1:1	0:0	No	1	No
5180-00-357-7770 - Tool Kit, Repairman's, Small Arms Remarks:	1:10	0:0	No	1	No
7021-01-C14-3190 - Computer, Micro Lap-Top Portable AC: M4500 Dell Remarks: 1 on monitor table	0:0	0:0	No	2	No

ID - Name	Student Ratio	Instructor Ratio	Spt	Qty	Exp
7021-01-D01-0269 - PC Tablet, Data Entry: IPAD 2 WIFI 64GB Apple Remarks:	1:1	0:0	No	1	No
7025-01-C11-4208 - Printer, Daisy Wheel /Dot Matrix/:2335DN MFP Dell Remarks:	0:0	0:0	No	1	No
7050-01-C14-4309 - Interactive Pen Display: ID422W Smart Remarks:	0:0	0:0	No	1	No
7490-01-T00-0291 - Card Programmer: RFC-03G Turning Technologies Remarks:	1:1	0:0	No	0	No
7490-01-T00-0292 - Card Programmer: XRC-R02 Turning Technologies Remarks:	1:30	0:0	No	0	No

(Note: Asterisk before ID indicates a TADSS.)

Materials Required

Instructor Materials:
a. Lesson Plan.
b. Practical Exercise (PE)
c. Practical Exercise Solution.
d. Required publications.

Student Materials:
a. Student Handout.
b. Practical Exercise.
c. Required Publications.
d. Pen or pencil.

Classroom Training Area, and Range Requirements

ID - Name	Quantity	Student Ratio	Setup Mins	Cleanup Mins
17135-3000 Laboratory Instructional Building 3000 Square Foot Remarks:		1:30	20	30

Ammunition Requirements

DODIC - Name	Exp	Student Ratio	Instruct Ratio	Spt Qty
A162 - Dummy Cartridge, 7.62 Millimeter: M172 Remarks:	N	5:1	5:3	

Instructional Guidance/Conduct of Lesson

NOTE: Before presenting this lesson, instructors must thoroughly prepare by studying this lesson and identified reference material.
NOTE: Instructor/Facilitator will ensure to incorporate OE experiences.
Army Learning Model
All instructors/facilitators will facilitate training using the Army Learning Model. Ensuring training is based on quality, relevance and effectiveness of face-to-face learning experiences through outcome-oriented instructional strategies. This type of instruction will foster critical thinking, initiative and operational relevance in context.
OE Integration

Instructors/Facilitators will facilitate conversations from students and relate this lesson to current operational environments (OE) using personal experiences and/or examples obtained from the Center of Army Lessons Learned (CALL). Instructors/facilitators should provide sufficient OE variables and scenarios to produce the desired soldier training outcome for this lesson.

NOTE: Verify that training data is loaded and operational on the system before beginning the lesson.

Proponent Lesson Plan Approvals

Name	Rank	Position	Date
hugo.feliciano	Not Available	Approver	28 Jun 2023

SECTION II. INTRODUCTION

Method of Instruction:	Discussion (Small or Large Group)
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:30)
Time of Instruction:	10 mins

Motivator

INSTRUCTOR NOTE: Have Soldiers draw weapons from the arms room.

SLIDE 92Y10D08-1 (ON)

The Commander has designated you as his unit armorer, responsible for the unit maintenance of small arms. The unit armorer is an important job and requires attention to detail. You must have the skills and ability to perform all operator and organizational maintenance tasks. As a unit armorer, you will also prepare, maintain, submit and file all maintenance documentation for the unit's weapons. If the M10 Semi-Automatic Sniper System is not maintained to the highest standard, the weapon may not operate, could cause accident or injury, unit readiness will be degraded, and your unit may not be prepared to perform its mission.

Introduce the lesson to the students

SLIDE 92Y10D08-1 (OFF)
SLIDE 92Y10D08-2 (ON)

Review the Terminal Learning Objective with the students.

SLIDE 92Y10D08-2 (OFF)

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:	Perform Preventive Maintenance on the M110 Semi-Automatic Sniper System (SASS) 7.62mm.
Conditions:	In a classroom environment, given the requirement to perform preventive maintenance on the M110 Sniper System. Given TM 9-1005-342-10, TM 9-1005-342-23&P, DA Pam 750-8, a blank DA Form 2404, a blank DA Form 2407, or a computer with forms program, small arms toolkit, safety equipment, dummy rounds, pen or pencil, and a M110 Sniper System.
Standards:	The student will perform preventive maintenance on the M110 Sniper System in accordance with TM 9-1005-342-10, TM 9-1005-342-23&P and DA Pam 750-8, finding all deficiencies without losing accountability, without error.
Learning Domain - Level:	Psychomotor - Precision
No JPME Learning Areas Supported	This lesson supports the Army Learning Area (ALA) of professional competence, and General Learning Outcome (GLO) 14, Soldiers and Civilians are technically and tactically competent.

Safety Requirements

General classroom, weapon and electrical equipment safety procedures will be followed.

Before starting an inspection and/or performing any maintenance procedures, be sure to clear the weapon. During the clearing procedure always keep the weapon pointed in a safe direction.

A potential safety hazard exists if the weapon is assembled or disassembled incorrectly.

Do not attempt to disassemble or assemble this weapon until the Instructor tells you to do so, nor should you attempt to adjust or remove the sight from this weapon unless specifically directed by the Instructor in the classroom.

Students will ensure that safety goggles are worn at all times during the disassembly and assembly of this weapon.

Risk Assessment Level

Low - Drive Spring Rod and Drive Spring Guide
Assessment: Buffer holds the drive spring rod and guide in place. If the buffer is not properly seated by Soldier, the drive spring and rod may expel.
Controls: a. Use procedures and warnings as described in TM 9-1005-342-23&P. b. Detailed instruction and supervision. c. Use proper disassembly and assembly procedures.
Leader Actions: a. When possible, additional instructors qualified with weapons will assist the primary instructor during block of instruction. b. Primary Instructor will utilize "stop-go" method when training. student will not proceed until Instructor spot-checks each weapon. c. Continually emphasize safety. Let students know what the outcome will be if procedures are not followed exactly as described.

Low - Bolt Assembly
Assessment: When reassembling, if operation rod is not inserted into the bolt properly, injury may occur to knuckles.
Controls: a. Use procedures and warnings as described in TM 9-1005-342-23&P. b. Detailed instruction and supervision. c. Use proper assembly procedures.
Leader Actions: a. When possible, additional instructors qualified with weapons will assist the primary instructor during block of instruction. b. Primary Instructor will utilize "stop-go" method when training. student will not proceed until Instructor spot-checks each weapon. c. Continually emphasize safety. Let students know what the outcome will be if procedures are not followed exactly as described.

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.
NOTE: It is the responsibility or all Soldiers, DA Civilians, and Contractors to protect the environment from damage.

NOTE: Have dirty rags turned in to the supply room and cleaned on a weekly basis.

Instructional Lead-in

Explain to the Student that performing organizational maintenance on small arms is similar to performing maintenance on a car. It is important to keep your car in good running condition so you can get back and forth to work. In the U.S. Army, weapons must be maintained to specified standards so the unit can successfully perform its mission.

SECTION III. PRESENTATION

TLO - LSA 1. Learning Step / Activity TLO - LSA 1. Identify the Characteristics, Capabilities and Features, and Major Components of the M110 Sniper System.

Method of Instruction:	Discussion (Small or Large Group)
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	15 mins
Media Type:	Actual Equipment
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

SLIDE 92Y10D08-3 (ON) Click on picture to play video.

a. Equipment Characteristics, Capabilities, and Features.

INSTRUCTOR NOTE: Refer student to TM 9-1005-342-23&P, WP 0002 00-1.

1) Characteristics – The M110 sniper rifle is equipped with the MIL-STD 1913 Rail System, Back Up Iron Sight (BUIS), Adjustable Buttstock, Bipod, four 10 round magazines and four 20 round magazines, Rifle Sling, Leupold 3.5 x 10x variable power Day Optic Scope, and Sound suppressor. The rifle is also supplied with a transportation case, deployment kit, and cleaning kit.

2) Capabilities and Features - The M110 is a semi-automatic weapon system which utilizes standard 7.62mm precision M118 LR ammunition. The M110 sniper rifle is a man-portable, direct line of sight weapon system capable of providing precision 7.62mm NATO fire on targets at a distance of up to 1000 meters using match grade ammunition.

3) Features – The M110 sniper rifle is a semi-automatic, direct gas-operated, air-cooled, magazine-fed, shoulder-fired weapon chambered for 7.62mm ammunition.

b. Location and description of major components:

INSTRUCTOR NOTE: Inform students on the location and description of major components. Refer students to TM 9-1005-342-23&P, WP 0002 00-2 or TM 9-1005-342-10, WP 0002 00-2.

1) **Upper Receiver and Barrel Assembly** – Includes the Day Optic Scope (DOS), Back Up Iron Sight (BUIS), MIL-STD 1913 Rail System, Sound Suppressor, Bolt and Carrier Assembly, Charging Handle Assembly, and Barrel. The MIL-STD 1913 rail system is used to attach the DOS and accessory optic sights. The barrel is 20 inches long with five (5) grooves in a uniform right-hand twist, one (1) turn in 11 inches.

2) **Bolt and Carrier Assembly** – Houses the firing pin, extractor, and ejector. Provides stripping, chambering, locking, firing, extraction, and ejection of cartridges using the drive springs and projectile propelling gases for power.

3) **Bipod Assembly** – detachable forward support system composed of retractable and extendable legs.

4) **Day Optic Scope** – The day optic scope (DOS) is a 3.5 x 10x variable power rifle scope. The scope has an illuminated, improved Tactical Milling Reticule (TMR) powered by an Army common /standard battery DL 1/3 N.

5) **Sound Suppressor** – The sound suppressor is an integrated acoustic, flash and blast suppressor that is to be attached to the rifle barrel by hand.

6) **Rifle Sling** – Provides the means for carrying the weapon.

7) **Lower Receiver and Adjustable Buttstock Assembly** - Includes magazine catch button, trigger, and safety mechanism, front pivot pin and rear take down pin, buffer, recoil spring, and adjustable buttstock assembly.

8) **Cartridge Magazine** – Holds cartridges ready for feeding and provides a guide for positioning cartridges for stripping; provides quick reload capabilities for sustained firing.

c. The M110 Sniper Rifle is equipped with the MIL-STD 1913 Rail System, Back Up Iron Sight (BUS), Adjustable Buttstock, Bipod, four (4) 10 round magazines and four (4) 20 round magazines, Rifle Sling, Leupold 3.5 x 10x variable power Day Optic Scope, and Sound Suppressor. The rifle is also supplied with a transportation case, deployment kit, and cleaning kit.

d. Compatible ammunition includes:

INSTRUCTOR NOTE: Refer student to TM 9-1005-342-10, WP 0023 00-1.

1) M118 Long Range (7.62 x 51mm)
2) M993 Armor Piercing
3) M82 Blank Cartridge
4) M80 Ball Cartridge
5) M118 Special Ball

INSTRUCTOR NOTE: Explain to students, the types of hearing protection required when firing this weapon and the limits by type, i.e... Single Hearing Protection (limited to firing 2000 rounds in a 24 hour period) and Double Hearing Protection (limited to firing 40,000 rounds in a 24 hour period). **This warning is mandatory in training and advisory during combat. When not in combat the weapon should always be carried unloaded.**

e. A tool kit and special tools included with the weapon system are the only tools applicable for performing maintenance as indicated in the TM. Follow the instructions in TM 9-1005-342-23&P for the correct tool to use for each procedure described. Use only the right tool for the job. Otherwise, you may cause damage to the weapon that will render it unsafe or unserviceable.

SLIDE 92Y10D07-3 (OFF)
SLIDE 92Y10D07-4 (ON)

f. Cycle of Operation. The cycle of operation for the M110 Rifle is broken down into eight basic steps (more than one step may occur at the same time).

INSTRUCTOR NOTE: Refer students to TM 9-1005-342-23&P, WP 0003 00-1.

1) **Feeding**. (Conditions: round in chamber, bolt locked, hammer cocked.) Safety is rotated to FIRE, trigger is pulled releasing hammer. Hammer springs forward under tension of hammer spring. Hammer strikes firing pin and firing pin strikes cartridge primer. Primer detonates from the firing pin impact and ignites propellant (gunpowder) inside cartridge case. Very high pressure (50,000 pounds per square inch) develops inside case as the powder burns. Bullet is pushed from case and accelerated (2,571 fps) down barrel and out muzzle.

2) **Unlocking.** Expanding gas pressure enters the gas tube through a port in the forward area of the barrel. This gas pressure travels through the gas tube into the carrier key. Via the carrier key, high pressure gas enters the carrier interior, but is trapped by the bolt rings at the front. Consequently, expanding gas pressure begins pushing the carrier to the rear, away from the bolt. As this gas continues to expand, (the bullet has already left the barrel) the bolt carrier continues to move rearward overcoming the tension of the action (recoil) spring. The cam groove of the bolt carrier acts on the bolt cam pin which in-turn causes the bolt to rotate and the bolt lugs to disengage from the barrel extension locking lugs.

3) **Extraction.** As the bolt now begins movement to the rear, the lip of the extractor, which is hooked on the rim of the cartridge case, pulls the case out of the chamber. The lip maintains its grip on the rim of the case through tension of the extractor spring as the bolt passes by the ejection port.

4) **Ejection.** As the case clears the barrel extension, the stored energy of the ejector spring is applied to the base of the case by the ejector plunger. The plunger completes its action as the case clears the ejection port and is rotated free of the extractor lip and bolt. If working properly, this sequence throws the case through the ejection port and clear of the rifle.

5) **Cocking.** The thrust of the bolt carrier assembly from the injection of expanding gases is so great, it continues to move the bolt carrier and bolt assembly fully back into the receiver extension. As these parts move to the rear, the bottom surface of the bolt carrier passes over the face of the hammer forcing it back and down against the tension of the hammer spring. With the trigger finger probably still to the rear at this moment, the hook of the disconnector engages the rear hook of the hammer, holding the hammer to the rar and down until the trigger is released (subsequently, the hammer is then held back by the sear as the trigger is released). The action or recoil spring is now fully compressed and prepared to thrust the recoiling mass (bolt carrier and bolt assembly) forward.

6) **Feeding.** As the bolt and bolt carrier assembly begin moving forward under tension of the action spring, the lower feed lug of the bolt strikes the base of the top cartridge in the magazine. The force of the bolt strips a round from the magazine feed lips. As the round begins to move forward, the tip of the bullet hits one of the two feed ramps of the barrel extension. The angle of the feed ramp help force the round up and into the chamber as the bolt continues to move forward in the feeding cycle.

7) **Chambering.** Chambering occurs when the cartridge is fully forward in the chamber. If there is an obstruction in the chamber, the cartridge case will not fit the chamber properly and the bolt will be prevented from locking.

8) **Locking.** With a cartridge fully in the chamber, the bolt has fully entered the barrel extension and has stopped moving forward. Also at this time, the extractor lip has snapped over the rim into the

extractor groove of the cartridge case and the ejector and its spring are fully compressed. The carrier, however, continues forward under continued force of the action spring and through action of its cam pin groove on the cam pin, causes the bolt to rotate. Rotation of the bolt moves its locking lugs into alignment with the barrel extension locking lugs. When this rotation of the bolt is complete, the bolt is locked. If the bolt is fully forward, but the bolt carrier is back slightly out of battery (bolt not fully locked), the firing pin will be prevented from reaching the primer even with a blow of the hammer. As the shooter releases the trigger for the next shot, the firing sear (trigger sear) enters the hammer sear notch through tension from the trigger spring. Simultaneously, the disconnector releases the rear hammer hook. With the hammer fully cocked and the trigger sear engaged with the hammer sear notch, the rifle is ready to fire again or be placed on SAFE and unloaded.

SLIDE 92Y10D07-4 (OFF)

	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings.
Check on Learning:	**Question:** What major component of the M110 is an integrated acoustic, flash and blast suppressor that is to be attached and detached to the rifle barrel by hand? **Answer:** Sound Suppressor. **Question:** How many types of ammunition will this weapon system accommodate? **Answer:** Five (5)
Review Summary:	Conduct a Review/Summary of the information presented in the Learning Step.

TLO - LSA 2. Learning Step / Activity TLO - LSA 2. Unload and Clear the M110 Sniper System.

Method of Instruction:	Demonstration
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	5 mins
Media Type:	Actual Equipment
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

SLIDE 92Y10D07-5 (ON) Click on picture to begin video. Be prepared to pause video at 0:40.

a. Unload and clear the M110 Sniper Rifle. I will now demonstrate how to unload and clear the M110 Sniper Rifle. You will perform each task as I describe the sequence.

WARNING: Before starting an inspection, and/or performing any maintenance procedures, be sure to clear the weapon. Inform the students **not** to squeeze the trigger, until the weapon has been cleared. Inspect the chamber to ensure that it is empty, and check to see that there are no obstructions in the barrel. Do not keep live ammunition near your work/maintenance area.

b. Refer students to TM 9-1005-342-10, Chapter 5 WP sequence No. 0005 00-5.

WARNING: Always assume there is a live round in the chamber. After the rifle is unloaded, and with the charging handle to the rear, always physically check the chamber to ensure that the rifle is empty.

NOTE: The bolt will automatically remain to the rear when the rifle or magazine is empty.

WARNING: Ensure weapon is on "SAFE" and pointed in a safe direction.
1) Put on your safety goggles.
2) Point weapon in safe direction. Place ambidextrous safety selector lever on SAFE.
3) Remove cartridge magazine by depressing ambidextrous magazine catch and releasing cartridge magazine.
4) To lock bolt open, pull charging handle rearward. Press ambidextrous bolt catch and allow bolt to move forward until it engages bolt catch. Return charging handle to full forward position. If you haven't before, place ambidextrous safety selector lever on SAFE.

WARNING: Check receiver and chamber to ensure these areas contain no ammunition or other

obstructions.

5) With the ambidextrous safety selector lever pointing toward SAFE, allow the bolt to go forward by pressing the ambidextrous bolt catch.

Check on Learning:	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings. **Question:** True or False. The bolt of the M110 will remain locked to the rear when the magazine or the rifle is empty. **Answer:** True
Review Summary:	Conduct a Review/Summary of the information presented in the Learning Step.

TLO - LSA 3. Learning Step / Activity TLO - LSA 3. Disassemble the M110 Sniper System.

Method of Instruction:	Demonstration
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	25 mins
Media Type:	Actual Equipment
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: Click the video to start the video section on disassembly of the M110.

a. Disassembly of the M110 Sniper Rifle, I will now demonstrate how to disassemble the M110 Sniper Rifle. You will perform each task as I describe the sequence.

INSTRUCTOR NOTE: Refer students to TM 9-1005-342-10, Chapter 13, Field Stripping, 0013 00-1.

b. The M110 is field stripped into 8 major components: (1) upper receiver assembly and barrel assembly; (2) lower receiver assembly and adjustable buttstock assembly; (3) bolt and carrier assembly; (4) day optic scope; (5) bipod; (6) sound suppressor; (7) magazine; and (8) sling.

NOTE: The day optic scope and the bipod assembly will not be removed during field stripping unless routine maintenance/replacement is required.

WARNING: Ensure that the weapon is unloaded and the chamber is clear. Be sure there are no obstructions in the bore. Place weapon on SAFE before performing these field stripping procedures.

1) Clear the weapon.

2) Remove the sling. (If required)

3) **Upper Receiver and Barrel Assembly and Lower Receiver and Adjustable Buttstock Assembly:**

CAUTION: Only use hand pressure along with punch to disengage the front pivot pin and rear takedown pin. Force other than hand pressure may cause damage to the weapon and replacement of the weapon would be required.

NOTE: Ensure that the bolt and carrier assembly are in the forward position prior to disassembly.

a) Push rear takedown pin (left to right) until flush and pull pin as far as it will go.

b) Pivot upper receiver and barrel assembly from lower receiver and adjustable buttstock assembly.

c) Push lower receiver front pivot pin flush. Pull front pivot pin (left to right) as far as it will go; separate upper receiver and barrel assembly from lower receiver and adjustable buttstock assembly.

4) **Bolt and Carrier Assembly:**

a) Pull back on charging handle to extract bolt and carrier assembly.

b) Remove bolt and carrier assembly from upper receiver and barrel assembly.

c) Remove charging handle.

d) Retract firing pin retaining pin from bolt and carrier assembly.

e) Drop firing pin out or rear of bolt and carrier assembly.

f) Push bolt assembly inward to rear locked position.

g) Remove bolt cam pin.

h) Remove bolt assembly from bolt carrier assembly.

5) **Lower Receiver and Adjustable Buttstock Assembly:**

WARNING: Buffer is under spring tension. To avoid injury to eyes, use care when removing or installing spring loaded parts. Wearing of eye protection is required.

a) Press in on buffer about ¼ inch.

b) Depress the buffer retainer detent.
c) Remove buffer and buffer spring from the lower receiver.
d) Separate buffer spring from buffer.

6) **Day Optic Scope:** Will not be removed.

7) **Bipod: (When required)**

INSTRUCTOR NOTE: Instructor will demonstrate the disassembly of the bipods, students will not disassemble the bipod.

a) Loosen bipod thumbscrew counterclockwise. If unable to loosen with finger pressure, it may be necessary to use a 5/32" Allen wrench.

b) Squeeze side plates together to remove the bipod assembly. Lift bipod assembly away from the lower rail.

8) **Sound Suppressor:**

WARNING: After use, the sound suppressor will be extremely hot. Protect your hands when removing the hot sound suppressor.

NOTE: Firing the weapon with the suppressor mounted will cause the sniper rifle to become dirty more rapidly. When using the suppressor, the sniper rifle requires cleaning (approximately every 50 rounds) more frequently. This is due to the accelerated carbon build-up. Diminished weapon performance may occur more rapidly in extreme hot/cold temperature conditions. The suppressor is a dry suppressor and should not be fired wet.

a) Pull quick detach (QD) locking latch upward from rear of the weapon.
b) Turn sound suppressor clockwise quarter of a turn, and pull away from the barrel.

9) **Magazine:**

WARNING: Spring is under spring tension. To avoid injury to eyes, use care when removing or installing spring loaded parts.

a) Push up on the rear bottom of the magazine and slide left to right on the magazine bottom plate.
b) Remove the magazine bottom plate.
c) Remove the spring and follower.

INSTRUCTOR NOTE: The M110 Sniper Rifle is now separated into the eight major components, Upper Receiver, Lower Receiver, Day Optic Scope, Bipod, Sound Suppressor, Bolt and Carrier Assembly, and Sling. Are there any questions on the disassembly (field stripping) of this weapon?

INSTRUCTOR NOTE: Refer student to TM 9-1005-342-23&P, Chapter 2, WP 0009 00-1. Inform the student that further disassembly of the weapon is authorized at the unit (Field Maintenance) level.

SLIDE 92Y10D08-5 (OFF)

	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings. **Question:** What are you required to wear when removing the Buffer and Buffer Spring from the weapon? **Answer:** Protective eye-wear.
Check on Learning:	**Question:** What adjustments are made to the telescopic sight when the weapon is field stripped? **Answer:** None. **Question:** What is the most common type of inspection conducted by the unit armorer? **Answer:** Visual. **Question:** How often should the magazine assembly be disassembled? **Answer:** Only when unit level repairs are required.
Review Summary:	Conduct a Review/Summary of the information presented in the Learning Step

TLO - LSA 4. Learning Step / Activity TLO - LSA 4. Reassemble the M110 Sniper System.

Method of Instruction:	Demonstration
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	20 mins
Media Type:	Actual Equipment

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

SLIDE 92Y10D08-6 (ON) Click on the picture to begin the video. Be prepared to pause video at 3:17.

a. Reassemble the M110 Sniper Rifle and components.

INSTRUCTOR NOTE: Refer student to TM 9-1005-342-10, WP 0013 00-15.

1) Reassemble the magazine.

WARNING: Spring is under spring tension. To avoid injury to eyes, use care when removing or installing spring loaded parts.

INSTRUCTOR NOTE: Ensure students have their safety glasses on before beginning reassembly of the weapon.

a) Place follower and spring in magazine. Control the magazine spring by placing your thumb over the back of the spring and pressing lightly downward as the base plate is moved into position.

b) Depress spring and reinsert magazine bottom plate. (It may be necessary to tap the base plate with the back of a punch to get it started). Verify that the locking flange is secured in the locking hole located on the magazine base plate.

2) Install sound suppressor only for mission need.

a) Fully extend the quick detach (QD) locking latch on the sound suppressor.

b) Slide sound suppressor on barrel holding the QD locking latch up.

c) Align QD locking latch with slots in gas block by turning sound suppressor counter-clockwise until it stops.

d) Push down on QD locking latch and lock sound suppressor on to the gas block.

3) Bipod (For demonstration only. The instructor will perform on 1 weapon only)

a) On the bipod assembly, squeeze side plates together.

b) While squeezing side plates together, engage sideplates with mounting adapter swivel stud on the bottom of the upper receiver and barrel assembly.

c) Release sideplates.

d) Hand tighten bipod thumbscrew clockwise to secure sideplates onto mounting adapter.

e) Using a 5/32” Allen wrench from the deployment kit, tighten bipod thumbscrew firmly, but no more than ¼ turn – 1/3 turn past “finger tight”

4) Lower Receiver and Adjustable Buttstock Assembly:

WARNING: Buffer is under spring tension. To avoid injury to eyes, use care when removing or installing spring loaded parts.

a) Assemble action spring and buffer.

b) Make sure hammer is cocked. Insert assembled action spring and buffer into lower receiver and adjustable buttstock assembly extension. Buffer detent may need to be depressed as buffer is fully inserted.

5) Reassemble the Bolt and Carrier Assembly.

CAUTION: DO NOT slam bolt assembly into bolt carrier with the palm of your hand. Ease the bolt assembly in gently.

a) Reinsert the bolt assembly into the bolt carrier assembly.

b) Rotate bolt assembly to align cam pin hole at rear of cam slot of bolt carrier assembly. Ensure extractor is facing to the right.

WARNING: Cam pin must be installed in bolt carrier assembly; if not, rifle can still fire and will explode.

c) Insert Cam Pin with firing pin hole aligned front to rear.

d) Hold firing pin retaining pin to its full open stop. Hold bolt carrier assembly downwards in palm of hand and drop firing pin into bolt carrier assembly.

e) With firing pin fully forward, push in on firing pin retaining pin. Firing Pin retaining pin should be flush or below the surface of the bolt carrier assembly body.

f) Pull bolt assembly to its extended unlocked position. Hold rear of bolt carrier assembly down against open palm, place thumb over the firing pin retaining pin, and shake bolt carrier assembly. Firing pin should not fall out if firing pin retaining pin and firing pin are properly installed.

g) Insert charging handle into the upper receiver and barrel assembly. Ensure charging handle lugs enter the grooves in the rear of the upper receiver and barrel assembly through the clearance slot near the rear of the upper receiver and barrel assembly. Position the charging handle by sliding it in approximately three inches from its full forward position.

h) Position the carrier key of the bolt and carrier assembly in the groove of the charging handle. Push forward on the bolt carrier assembly and charging handle until they are fully forward. You should hear a click as the charging handle locks in position.

6) Reassemble the Upper Receiver and Barrel Assembly and Lower Receiver and Buttstock Assembly.

NOTE: Make sure bolt assembly and bolt carrier assembly are all the way forward.

a) Make sure hammer is cocked and ambidextrous safety selector lever is on SAFE.

b) Position upper receiver and barrel assembly and lower receiver and adjustable buttstock assembly so that the front pivot holes are aligned.

c) Push in front pivot pin.

d) Rotate lower receiver upward and push in rear take down pin.

Check on Learning:	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings.
Review Summary:	Conduct a Review/Summary of the information presented in the Learning Step.

TLO - LSA 5. Learning Step / Activity TLO - LSA 5. Perform a function check on the M110 Sniper System.

Method of Instruction:	Demonstration
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	5 mins
Media Type:	Actual Equipment / PowerPoint Presentation
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

a. Function check shall be performed after any maintenance or disassembly of the weapon.

WARNING: Before starting safety/function check, always clear the rifle. DO NOT squeeze the trigger until the weapon has been cleared. Inspect the chamber to ensure that it is empty and no ammunition is in position to be chambered. Ensure weapon is on “SAFE” and pointed in a safe direction.

1) Checking SAFE Position.

NOTE: Ensure there is no magazine in weapon.

a) Remove magazine and check chamber.

b) Place ambidextrous safety selector lever on SAFE position. Pull charging handle fully to the rear and lock bolt to the rear. Return charging handle to its forward position. Visually check receiver and chamber for ammunition or foreign objects. Release bolt catch and allow bolt to lock into battery.

c) Squeeze trigger to the rear. You should not hear anything as the hammer should not fall. Release the trigger.

2) Checking SEMI Position and Disconnector.

a) Place ambidextrous safety selector lever on FIRE position.

b) Squeeze trigger fully to the rear while listening for the hammer to snap forward.

c) You should hear hammer snap forward with a distinct click. Continue holding the trigger fully to the rear.

d) While holding the trigger to the rear, pull the charging handle fully to the rear. Ride the charging handle forward slowly and listen for the hammer to fall. You should hear nothing as the hammer should be held to the rear by the disconnector.

e) Slowly release the trigger. You should hear a light click as the hammer is released from the disconnector, and engages the sear.

f) Squeeze the trigger fully to the rear. You should hear the hammer fall forward with a distinct click.

g) Close the ejection port cover.

SLIDE 92Y10D08-8 (OFF)

	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings.
Check on Learning:	**Question:** What action should you take if the weapon will not function according to TM specifications? **Answer:** Notify the instructor immediately. **Question:** After the functions check has been successfully completed, what is the final action to be taken? **Answer:** Place the weapon in the “SAFE” position.
Review Summary:	Conduct a Review/Summary of the information presented in the Learning Step.

Method of Instruction:	Demonstration
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	25 mins
Media Type:	Actual Equipment / PowerPoint Presentation
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

SLIDE 92Y10D08-7 (ON)

INSTRUCTOR NOTE: Refer students to TM 9-1005-342-23&P, Chapter 2, WP 0008 00-1.

a. Perform PMCS on the M110 Sniper Rifle.

INSTRUCTOR NOTE: Inform the students to refer to DA Pam 750-8, Para 3-10 and Figure 3-25. Have the student power up their system and access the forms program. Have each student select the DA Form 2404. Check all computer screens to ensure that students have a DA Form 2404 displayed. Explain each of the entries as you complete the form. **(Instructor may opt to use a manual DA Form 2404 at this point)** If using manual form refer student to the DA Form 2404 in the student handout

b. Fill out the header information on the DA Form 2404. I will provide the information needed to complete the header data. Make entries as required. Use the **<TAB>** key to move from field to field.

1) Enter **[HHC, 13th Military Police Battalion]** in block 1.
2) Enter **[M110 Semi-Automatic Sniper System, 7.62mm]** in block 2.

INSTRUCTOR NOTE: Have student enter the serial number of the weapon the are using.

3) Enter **[Weapon Serial Number]** in block 3.
4) Enter **[Today's Date]** in block 5
5) Enter **[Quarterly]** in block 6.
6) Enter **[TM 9-1005-342-23&P]** and **[Oct 2007]** in block 7.
7) The signature of the preparer is put in the signature block, 8a. You will print the DA Form 2404 and sign it as if you are the unit armorer.

INSTRUCTOR NOTE: Your commander or maintenance supervisor only signs the DA Form 2404 after service/inspection is completed. It is the commander's or maintenance supervisor's responsibility to verify that all deficiencies are listed on your DA Form 2404, and that all corrective action has been taken to correct the deficiencies.

INSTRUCTOR NOTE: Refer the students to TM 9-1005-342-23&P, Chapter 4. If the rifle has not been used for 90 days (Quarterly Service), perform the PMCS in the operator's manual. If you see rust on a weapon, PMCS should be accomplished immediately. The PMCS procedures are contained in operator's manual TM 9-1005-342-10. They are arranged in logical sequence requiring a minimal amount of time and effort on the part of the person(s) performing them.

c. Perform Organizational Maintenance on the M110 Sniper System.

INSTRUCTOR NOTE: Refer students to TM 9-1005-342-23&P, Preventive Maintenance Checks and Services (PMCS), including Lubrication instructions in Section 0007 00 through 0016 00. The Field Maintenance PMCS table can be found beginning on page 0008 00-1.

INSTRUCTOR NOTE: Provide a scenario for the students involving the Bolt Carrier Assembly being damaged. You will perform a walk-thru exercise to complete filling out the DA Form 2404 using the Bolt Carrier Key as the maintenance fault.

1) Upper Receiver and Barrel Assembly:
   a) Check flash suppressor for looseness or damage on barrel.
   b) Check gas tube for bends, cracks or deformation.
   c) Check front sight for proper operation; damage, and corrosion.
   d) Check bipod for bends, breaks, and proper operation.
   e) Check charging handle and ejection port for proper function.

f) Check sling swivel for proper operation; damage.
g) Check back up iron sight (BUIS) for proper operation; damage.
2) Bolt Carrier Assembly.
a) Check bolt carrier assembly for damage. Inspect carrier key for damage or looseness.

INSTRUCTOR NOTE: Inform the students that during their inspection they determine that the Carrier Key has an elongated opening and needs to be annotated on the DA Form 2404.
(1) Annotate the deficiency on the DA Form 2404.

INSTRUCTOR NOTE: Inform the student to enter the item number in the next row. Refer students to page 0008 00-3, item number 2.

(a) Enter **[2]** in column a, for the TM item number.

INSTRUCTOR NOTE: Explain to the student how to determine the status symbol that applies. Have the student look at the DA Form 2404 under Status Symbol.

(b) Enter **[X]** in column b for the status symbol that applies to the fault or deficiency.
(c) Enter **[Damaged Carrier Key on Bolt Carrier]** in column c for a brief description on the uncorrected faults.

INSTRUCTOR NOTE: Explain to the students how to determine corrective action. Have students refer to TM 9-1005-342-23&P, Page 0025 00-1/2 to determine the level of maintenance that is required. Tell the students that Direct Support (Sustain Level) should replace the Carrier Key as prescribed by the SMR Code PAFZZ.

(d) Enter **[DA Form 2407, SPT]** in column d for corrective action taken.

INSTRUCTOR NOTE: Inform the students that they will now continue with the weapon inspection.

3) Bolt:
a) Check locking lugs for cracks or breaks.
b) Check bolt face for chips or pit clusters.
c) Check firing pin hole for elongation (out of round).
d) Check cartridge ejector for chips.
e) Check for weak, broken, or missing ejector spring.
f) Check bolt rings for damage.
4) Lower Receiver and Buttstock Assembly:
a) Check lower receiver assembly for any damaged, missing or broken components.
b) Check buffer for cracks.
c) Check buffer spring for kinks, cracks, or breaks.
d) Check for missing, broken, or damaged pistol grip, lock washers, detents, helical springs, and rear takedown pin.
5) Day Optic Scope:
a) Check for cracked, broken, damaged, loose, or missing parts.
b) Check to ensure scope mount and rings secure the day optic scope. Check to see that spacing between scope mount and rings are even.
6) Sound Suppressor:
a) Check muzzle end of sound suppressor for strike marks. You will notice copper marks or missing metal from end of sound suppressor.

d. Make not of all parts missing, broken or damaged. Ensure that all unit level maintenance has been accomplished prior to any weapon being evacuated to support maintenance if repair is not authorized at the unit level.

SLIDE 92Y10D08-7 (OFF)

Check on Learning:

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

Question: What action should the unit armorer take if excessive lubricant is found in the bore of the weapon?
Answer: Immediately remove the excessive lubricant.

Question: How are the magazine follower and spring inspected to verify serviceability?
Answer: Press the follower and magazine spring to ensure free travel within the

magazine tube.

Question: What would result if the scope mount were loose or missing pieces upon inspection of the weapon?
Answer: It would cause the weapon to be not ready/unavailable.

Review Summary: Conduct a Review/Summary of the information presented in the Learning Step.

TLO - LSA 7. Learning Step / Activity TLO - LSA 7. Prepare the DA Form 2407.

Method of Instruction:	Demonstration
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	5 mins
Media Type:	Actual Equipment / PowerPoint Presentation
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

SLIDE 92Y10D08-8 (ON)

a. Now that a fault that requires a higher level of maintenance is identified, you must prepare a DA Form 2407, Maintenance Request Form.

INSTRUCTOR NOTE: Remind students that an automated form DA 5990-E can also be used as a Maintenance Request Form.

SECTION I - Customer Data
1) Enter [**1**] in page number block
2) Enter [**1**] in number of pages block.
3) Enter [**WBAKT0**] in block 1a as the UIC.
4) Enter [**HHC, 13th MP Bn**] in block 1b as the unit and **[765-3132**] in block 1c as the phone number.
5) Block 2a leave blank.
6) Enter [**0**] in block 2b. Obtained from DA Pam 750-8, App B, Table B-6.
7) Block 2c leave blank.

SECTION III - Equipment Data
8) Enter [**1**] in Block 5. Obtained from DA Pam 750-8, App B, Table B-20
9) Enter [**A**] in block 6
10) Enter **[1005-01-534-2841**] in block 7.
11) Enter [**M110**] in block 8.
12) Enter [**Semi-Automatic Sniper System**] in block 9.
13) Block 10a leave blank.
14) Enter [**4FZ**] in block 10b.
15) Enter the serial number of the weapon needing to be turned in.
16) Enter [**00001**] in block 12.
17) Enter [**12**] in block 13.
18) Block 14 leave blank.
19) Enter [**N**] in Block 19.
20) Enter the Admin number from the weapon.
21) Enter [**F**] in block 22 as the level of work.
22) Enter [**Damaged Carrier Key**] in block 24
23) The person submitting the form will sign. Form will be signed when at support maintenance.

b. Attach DA Form 2404/DA Form 5988E to the DA Form 2407/DA Form 5990E.

c. Submit all copies of the Maintenance Request Form to DS maintenance with the weapons.

SLIDE 92Y10D08-8 (OFF)

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

Review Summary: Conduct a Review/Summary of the information presented in the Learning Step.

TLO - LSA 8. Learning Step / Activity TLO - LSA 8. Complete Practical Exercise - Perform Preventive Maintenance on the M110 Sniper System Practical Exercise.

Method of Instruction:	Practical Exercise (Hands-On/Written)
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	30 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.

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

Complete the practical exercise included with this lesson.

a. Give the students time to complete the practical exercise for this lesson.
b. Assist the students as needed during the practical exercise to ensure material is understood.
c. Review the practical exercise with the students and answer any questions the students may have.

Check on Learning:	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings.
Review Summary:	Review the practical exercise with the students. Review the questions and clear up any misunderstandings that the students may have.

TLO - LSA 9. Learning Step / Activity TLO - LSA 9. Complete a Performance Exam on the M110 Semi-Automatic Sniper System (SASS) 7.62mm.

Method of Instruction:	Hardware-Oriented Test
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:10)*
Time of Instruction:	1 hr
Media Type:	Actual Equipment
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

The soldier will complete hands on performance based examination covering the materials presented in this lesson. The exam will be graded on a GO/NO-GO basis. Student must receive a GO to be considered successful.

Check on Learning:	Determine if the students have learned the material presented by soliciting student questions and explanations. Ask the students questions and correct misunderstandings.
Review Summary:	a. Conduct a Test Review/Analysis with the students. b. Review any questions and clear up any misunderstandings that the students may have. c. Ensure all test material is gathered from the students. Secure all test material until it can be secured.

SECTION IV. SUMMARY

Method of Instruction:	Reflective Discussion
Mode of Delivery:	Resident Instruction
Instr Type (I:S Ratio):	Military - ICH (1:30)
Time of Instruction:	10 mins

Check on Learning

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

Question: What WP is used to perform preventive maintenance on the M110?
Answer: WP 0008.

Question: What are the M110 Sniper System's components?
Answer: Upper Receiver and Barrel Assembly, Bolt and Carrier Assembly, Bipod Assembly, Day Optic Scope, Sound suppressor, Rifle Sling, Lower Receiver and Adjustable Buttstock Assembly, and Cartridge Magazine.

Question: What section in TM 9-1005-342-23&P covers unit troubleshooting instructions?
Answer: WP 0004 and WP 0005.

Question: What is the SMR code for Part Number 20305?
Answer: PAFZZ.

Question: What is the SMR code for NSN 1005-00-992-7283?
Answer: PAFZZ.

Review/Summary

SLIDE 92Y10D07-9 (ON)

During this lesson we discussed the following topics:

a. Identify the Characteristics, Capabilities and Features, and Major Components of the M110 Sniper System.
b. Unload and Clear the M110 Sniper System.
c. Disassemble and Troubleshoot the M110 Sniper System.
d. Reassemble the M110 Sniper System.
e. Perform Function Check on the M110 Sniper System.
f. Perform Preventive Maintenance on the M110 Sniper System.
e. Prepared the DA Form 2407 on the M110 Sniper System.

SLIDE 92Y10D07-9 (OFF)

SECTION V. STUDENT EVALUATION

Testing Requirements	The soldier will complete hands on performance based examination covering the materials presented in this lesson. The exam will be graded on a GO/NO-GO basis. Student must receive a GO to be considered successful.
Feedback Requirements	**NOTE:** Feedback is essential to improving training, always encourage students to provide comments and ensure to complete the Module AAR. **NOTE:** Review the completed practical exercise with the students. Ensure lesson is understood by asking questions and receiving feedback from the students. Clear up any misunderstandings.

Appendix A - Viewgraph Masters

Perform Maintenance on the M110 Semi-Automatic Sniper System (SASS) 7.62mm
101-92Y10D08 / Version 01.0 ©

Sequence	Media Name	Media Type
1	92Y10D08_VER01.0_CLASSROOM_PRESENTATION	PPTX
5	M110 Intro	MP3
6	M110 Disassembly	MP3
7	M110 Reassembly	MP3

Appendix B - Assessment Statement and Assessment Plan

Assessment Statement: None.

Assessment Plan: None.

PRACTICE EXERCISE(S)/SOLUTIONS(S) FOR LESSON 101-92Y10D08 Version 01.0 ©

Appendix D - Student Handouts

Perform Maintenance on the M110 Semi-Automatic Sniper System (SASS) 7.62mm
101-92Y10D08 / Version 01.0 ©

Sequence	Media Name	Media Type
2	92Y10D08_VER01.0_SUDENT_HANDOUT	DOCX
3	92Y10D08_ver01.0_Practical_Exercise	DOCX