COMMON TRAINING

PHASE ONE

INSTRUCTIONAL GUIDE

SECTION 7

EO C106.02 – CLEAN AND STORE THE CADET AIR RIFLE

Total Time:	30 min

PREPARATION

PRE-LESSON INSTRUCTIONS

A complete list of resources needed for the instruction of this EO is located in A-CR-CCP-601/PG-001, *Phase One Qualification Standard and Plan*, Chapter 4. Specific uses for said stores are identified throughout the Instructional Guide, within the teaching point for which they are required.

Prior to instructing this lesson the instructor shall:

- review the lesson content, and become familiar with the material; and
- prepare a mock air rifle range to be used in the conduct of the lesson.

PRE-LESSON ASSIGNMENT

Nil.

APPROACH

This lesson will be presented using the demonstration and performance method. The demonstration-performance method was chosen to allow cadets to participate in supervised exploration of practical instructional material. This method provides the instructor the opportunity to introduce the subject matter, demonstrate and explain procedures, and supervise the cadets while they imitate the skill. This method appeals to all learning styles.

INTRODUCTION

REVIEW

Nil.

OBJECTIVES

By the end of this lesson the cadet shall be expected to clean and store the cadet air rifle during a range practice.

IMPORTANCE

Many inaccuracy complaints can be traced back to a dirty bore. Therefore, air rifles must be cleaned and maintained on a regular basis in order to ensure proper operation and sustained accuracy.

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Verify against the official publication.

Teaching point 1 **Explain and Demonstrate the Procedure for Cleaning the Cadet Air Rifle**

Time: 15 min Method: Demonstration and Performance

THE IMPORTANCE OF CLEANING THE AIR RIFLE



No one should attempt to clean a rifle until individual safety precautions have been performed on the rifle, and it is certain that the barrel is clear of any obstructions.

It is important to keep the air rifle clean because a dirty bore will eventually cause accuracy problems. Although air rifles do not suffer from powder deposits as do small bore and large bore rifles, they do experience a build-up of residue in the barrel.

WHEN TO CLEAN THE AIR RIFLE

There are four main times to clean the cadet air rifle:

1. Before firing.
2. After firing.
3. Periodically.
4. Before storage.



Cadets will not actually be cleaning the air rifle during this period of instruction. This may be done after participating in a range practice.

CLEANING PROCEDURE FOR THE AIR RIFLE

When	Action
Before firing	Fire two to three felt cleaning pellets.
After firing	Fire two to three felt cleaning pellets.
Periodically	1. Fire a felt cleaning pellet soaked in SAE 30 motor oil. 2. Wait five minutes. 3. Fire three felt cleaning pellets.
Before storage of three months or more.	1. Fire two to three felt cleaning pellets. 2. Fire one felt cleaning pellet soaked in SAE 30 motor oil. 3. Fire three felt cleaning pellets when taking rifle out of storage.

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CONFIRMATION OF TEACHING POINT 1

QUESTIONS

Q1. What must be done before attempting to clean an air rifle?

Q2. When are the four times an air rifle must be cleaned?

Q3. How many felt cleaning pellets are fired before participating in a range practice?

ANTICIPATED ANSWERS

A1. Individual safety precautions.

A2. Before firing, after firing, periodically, and before storage for three months or more.

A3. Two to three cleaning pellets will be fired before participating in a range practice.

Teaching point 2 **Explain and Demonstrate the Sequence for Storing the Air Rifle**

Time: 10 min Method: Demonstration and Performance

STORING THE AIR RIFLE IN THE CASE

The sequence for storing the cadet air rifle is the reverse order of the procedure for removing the air rifle from the case:

1. Ensure the open case is pointed in a safe direction.
2. Close the action (bolt forward and closed).
3. Slide safety rod out of the barrel.
4. Place the rifle in the case in the direction of the arrow on the case.
5. Confirm pumping lever is partially open.
6. Confirm the safety catch is ON.
7. Close the case.

CONFIRMATION OF TEACHING POINT 2

QUESTIONS

Q1. What position is the bolt in for storage?

Q2. What direction is the rifle placed in the case?

Q3. What position is the safety catch placed in for storage?

ANTICIPATED ANSWERS

A1. Forward and closed.

A2. In the direction of the arrow on the case.

A3. ON, with no red showing.

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END OF LESSON CONFIRMATION

QUESTIONS

Q1. What must be done before anyone should attempt to clean an air rifle?

Q2. What types of problems can be caused by a dirty bore?

Q3. Before storage cleaning is done when a rifle will be stored for how long?

ANTICIPATED ANSWERS

A1. They perform individual safety precautions.

A2. It is important to keep the air rifle clean because a dirty bore will eventually cause accuracy problems.

A3. Three months or more.

CONCLUSION

HOMEWORK/READING/PRACTICE

Nil.

METHOD OF EVALUATION

The instructor will confirm cadets' ability to clean and store the cadet air rifle at the end of a range practice.

CLOSING STATEMENT

A dirty air rifle and bore will cause accuracy and operation problems. Therefore, air rifles must be cleaned and maintained on a regular basis in order to ensure proper operation and sustained accuracy.

INSTRUCTOR NOTES/REMARKS

Emphasis must be placed on the safety aspects of this lesson.

REFERENCES

A0-027 A-CR-CCP-177/PT-001 D Cdts 3. (2001). *Canadian Cadet Movement: Cadet Marksmanship Programme Reference Manual.* Ottawa, ON: Department of National Defence.

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