**COMMON TRAINING**

**PROFICIENCY LEVEL ONE**

**INSTRUCTIONAL GUIDE**

## SECTION 7

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

Total Time: 30 min

## PREPARATION

### PRE-LESSON INSTRUCTIONS

Resources needed for the delivery of this lesson are listed in the lesson specification located in A-CR-CCP-801/PG-001, *Proficiency Level One Qualification Standard and Plan*, Chapter 4. Specific uses for said resources are identified throughout the instructional guide within the TP for which they are required.

Review the lesson content and become familiar with the material prior to delivering the lesson.

### PRE-LESSON ASSIGNMENT

Nil.

### APPROACH

A demonstration was chosen for TP1 as it allows the instructor to demonstrate the procedures for cleaning the cadet air rifle.

A demonstration and performance was chosen for TP2 as it allows the instructor to explain and demonstrate cleaning and storing the rifle while providing an opportunity for the cadets to practice under supervision.

## INTRODUCTION

### REVIEW

Nil.

### OBJECTIVES

By the end of this lesson the cadet shall have cleaned and stored the cadet air rifle.

### 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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**Teaching point 1** **Explain and demonstrate the procedure for cleaning the cadet air rifle.**

Time: 15 min Method: Demonstration

## 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 smallbore and largebore 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, and
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;<br>2. Wait five minutes; and<br>3. Fire three felt cleaning pellets. |
| Before storage of 3 (three) months or more. | 1. Fire two to three felt cleaning pellets;<br>2. Fire one felt cleaning pellet soaked in SAE 30 motor oil; and<br>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**

Nil.

**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**

Nil.

## REFERENCES

A0-027 A-CR-CCP-177/PT-001 DCdts 3. (2001). *Canadian cadet movement: Cadet marksmanship programme reference manual*. Ottawa, ON: Department of National Defence.



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