

COMMON TRAINING

SILVER STAR

INSTRUCTIONAL GUIDE

SECTION 2

EO C311.02 – PARTICIPATE IN A RECREATIONAL SUMMER BIATHLON ACTIVITY

Total Time:	180 min

PREPARATION

PRE-LESSON INSTRUCTIONS

Resources needed for the delivery of this lesson are listed in the lesson specification located in A-CR-CCP-703/PG-001, 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.

Ensure that all members involved in conducting this activity are familiar with the competition guidelines located at Annex B.

Set up a first aid station.

Set up a running route of 1000 m.

Set up a range IAW A-CR-CCP-177/PT-001, Part 1, Section 8.

Photocopy Annexes C, D and E.

PRE-LESSON ASSIGNMENT

N/A.

APPROACH

A practical activity was chosen for this lesson as it is an interactive way for the cadets to participate in recreational summer biathlon. This activity contributes to the development of biathlon skills and knowledge, and promotes physical fitness in a fun and challenging setting.

INTRODUCTION

REVIEW

N/A.

OBJECTIVES

By the end of this lesson the cadet shall have participated in a recreational summer biathlon activity.

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IMPORTANCE

It is important for the cadets to participate in a recreational summer biathlon activity because it requires personal discipline, develops marksmanship skills and promotes physical fitness.

Teaching point 1 — **Explain the Components of a Recreational Summer Biathlon Activity**

Time: 10 min — Method: Practical Activity



Describe the components of the recreational summer biathlon activity. Ensure that the cadets understand the course layout, rules and regulations, scoring, penalties and out of bound areas before the activity is conducted. The cadets should be made aware of the start area, the course, the firing range and the finish area.

COMPOSITION

Cadets will be divided into teams for the summer biathlon activity. For a group of 25 cadets, the cadets should be divided into groups of five.

COURSE LAYOUT

Each cadet will:

- run a route of approximately 1000 m;
- fire five to eight rounds in an effort to knock down all five targets on the biathlon air rifle target (BART);
- run a second route of approximately 1000 m;
- fire five to eight rounds in an effort to knock down all five targets on the BART;
- run a third route of approximately 1000 m; and
- finish the race.



The 1000 m route should be clearly marked prior to the start of this lesson.

RULES AND REGULATIONS

Rules and regulations for the recreational summer biathlon activity include the following:

- The cadets must remain in their own teams throughout the activity.
- The cadets must use the same firing lane for the duration of the activity.
- The run must be completed in the proper sequence and on the marked route.
- Cadet air rifles must be placed at the firing point by the range staff and will remain there for the duration of the activity.
- All firing will be done in the prone position.
- The cadet air rifle must be made safe upon completion of firing.

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- An inoperable cadet air rifle will be replaced by the range staff, the target will be reset, and the cadet will fire five to eight rounds with the new cadet air rifle.
- Safety infractions will result in time penalties.
- Missed targets will result in time penalties.

SCORING

The team's final score is determined by adding the total time for all run routes plus any penalties issued. The team with the lowest final score is considered the winning team.

Scoring will be calculated as follows:

- **Time.** The team's final time is the time from the start to finish, and any penalties.
- **Targets.** For each relay of firing, the number of hit and missed targets will be recorded on the range recording sheet by the lane scorekeeper (located at Annex C). There is no positive point value for each hit target; competitors will be deducted points for each missed target.

PENALTIES

The following penalties will be added to the team's time:

- Each violation of the principles of fair play or good sportsmanship will result in a one-minute penalty, to include:
  - not giving way in an area of congestion;
  - pushing or shoving;
  - using profanity; and
  - interfering with other competitors.
- Each missed target will result in a 10-second penalty.
- Each safety infraction on the firing point will result in a two-minute penalty, to include:
  - not keeping control of the cadet air rifle;
  - moving forward of the firing point; and
  - intentionally firing rounds at objects other than the BART.
- Each team member that does not cross the finish line will receive a two-minute penalty.

OUT OF BOUNDS AREAS

Make cadets aware of all out of bounds areas and safety considerations depending on the training area.

CONFIRMATION OF TEACHING POINT 1

QUESTIONS

Q1. What are two rules/regulations for this recreational summer biathlon activity?

Q2. How will the recreational summer biathlon activity be scored?

Q3. What is one violation of the principles of fair play/good sportsmanship?

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ANTICIPATED ANSWERS

A1. Rules and regulations for the recreational summer biathlon activity include the following:

- The cadets must remain in their own teams throughout the activity.
- The cadets must use the same firing lane for the duration of the activity.
- The run must be completed in the proper sequence and on the marked route.
- Cadet air rifles must be placed at the firing point by the range staff and will remain there for the duration of the activity.
- All firing will be done in the prone position.
- The cadet air rifle must be made safe upon completion of firing.
- An inoperable cadet air rifle will be replaced by the range staff, the target will be reset, and the cadet will fire five to eight rounds with the new rifle.
- Safety infractions will result in time penalties.
- Missed targets will result in time penalties.

A2. The activity will be scored based on time and penalties.

A3. Violations of the principles of fair play/good sportsmanship include:

- not giving way in an area of congestion;
- pushing or shoving;
- using profanity; and
- interfering with other competitors.

Teaching point 2 **Conduct a Warm-Up Session Composed of Light Cardiovascular Exercises**

Time: 10 min Method: Practical Activity



The following information will be explained to the cadets during the warm-up session.

PURPOSE OF A WARM-UP

A warm-up session is composed of stretches and light cardiovascular exercises designed to:

- stretch the muscles;
- gradually increase respiratory action and heart rate;
- expand the muscles' capillaries to accommodate the increase in blood circulation which occurs during physical activity; and
- raise the muscle temperature to facilitate reactions in muscle tissue.

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GUIDELINES FOR STRETCHING

The following guidelines should be followed while stretching to prepare for physical activity and to help prevent injury:

- Stretch all major muscle groups, including the back, chest, legs, and shoulders.
- Never bounce while stretching.
- Hold each stretch for 10–30 seconds to let the muscles release fully.
- Repeat each stretch two to three times.
- When holding a stretch, support the limb at the joint.
- Static stretching, which is stretching a muscle and holding it in position without discomfort for 10–30 seconds, is considered the safest method.
- Stretching helps to relax the muscles and improve flexibility, which is the range of motion in the joints.
- As a guide, allow 10 minutes to warm up for every hour of physical activity.



The stretches chosen should focus on the areas of the body that will be used the most during the physical activity.

ACTIVITY

OBJECTIVE

The objective of this warm-up activity is to stretch the muscles and perform light cardiovascular exercises to prepare the body for physical activity and to help prevent injuries.

RESOURCES

N/A.

ACTIVITY LAYOUT

N/A.

ACTIVITY INSTRUCTIONS

1. Arrange the cadets in either a warm-up circle or in rows (as illustrated in Figures 1 and 2).

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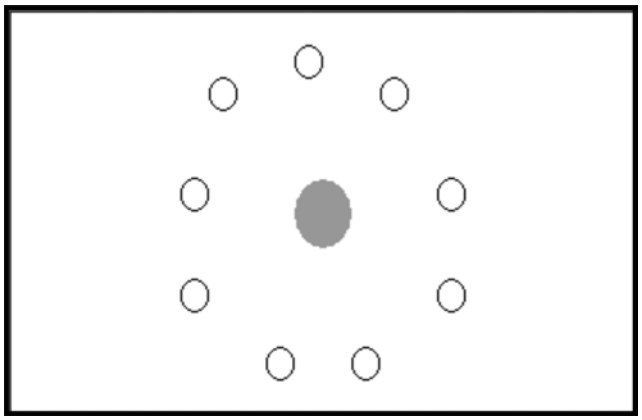
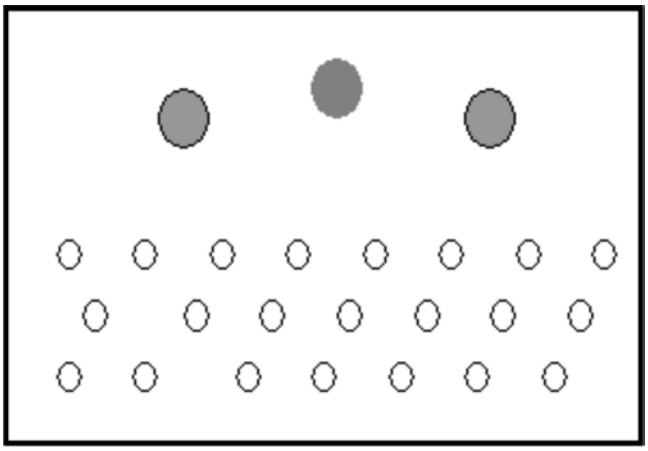


Director Cadets 3, 2006, Ottawa, ON: Department of National Defence

Figure 1 Instructor in the Centre of a Warm-Up Circle



Director Cadets 3, 2006, Ottawa, ON: Department of National Defence

Figure 2 Instructor at the Front With Two Assistant Instructors

2. Demonstrate before having the cadets attempt each stretch/light cardiovascular exercise.

3. Assistant instructors may help demonstrate the exercises and ensure the cadets are performing them correctly.

4. Have cadets perform each stretch/light cardiovascular exercise.



Light cardiovascular exercises should be done to warm up the muscles prior to stretching to avoid injury to or tearing of the muscles. For example, running on the spot for 30 seconds or performing jumping jacks should be performed prior to conducting the stretches located at Annex A.

SAFETY

- Ensure there are at least two arm lengths between the cadets so they can move freely.
- Ensure the cadets perform the stretches and light cardiovascular exercises in a safe manner, following the guidelines for stretching listed in this TP.

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CONFIRMATION OF TEACHING POINT 2

The cadets' participation in the warm-up session will serve as the confirmation of this TP.

Teaching point 3 **Conduct a Recreational Summer Biathlon Activity**

Time: 140 min Method: Practical Activity

ACTIVITY

OBJECTIVE

The objective of this activity is to have the cadets participate in a recreational summer biathlon activity.

RESOURCES

Based on 25 cadets per group, the equipment required to conduct the recreational summer biathlon activity shall include, but is not limited to, the following:

- Cadet air rifles (6),
- Shooting mats (10),
- Air rifle pellets (a minimum of 875 pellets),
- Container to hold pellets (5),
- Stopwatches (6),
- BART (5),
- Safety glasses/goggles (10),
- Notice board,
- Biathlon scoresheets located at Annex C,
- Course control sheets located at Annex D, and
- Range recording sheets located at Annex E.

ACTIVITY LAYOUT

- Set up a first aid station.
- Set up a running route of approximately 1000 m.
- Set up an air rifle range IAW A-CR-CCP-177/PT-001, Part 1, Section 8, with a minimum of five lanes for 25 cadets.
- Set up BARTs.
- Place two shooting mats per firing lane (a minimum of five firing lanes for 25 cadets).
- Place a cadet air rifle at each firing point.
- Place a pair of safety glasses/goggles at each firing point.

ACTIVITY INSTRUCTIONS

Activity instructions are located at Annex B.

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SAFETY

- Ensure all range safety procedures are followed.
- Ensure cadets drink fluids and apply sunscreen.
- Ensure the running route is clearly marked and crossing points are monitored anywhere a road may be crossed.
- Ensure a first-aider is identified at the start of the activity and is available at all times.
- Ensure water is available for the cadets during and after the activity.

CONFIRMATION OF TEACHING POINT 3

The cadets' participation in the activity will serve as the confirmation of this TP.

Teaching point 4 — **Conduct a Cool-Down Session Composed of Light Cardiovascular Exercises**

Time: 10 min — Method: Practical Activity



The following information will be explained to the cadets during the cool-down session.

PURPOSE OF A COOL-DOWN

A cool-down is composed of stretches and light cardiovascular exercises designed to:

- allow the body time to slowly recover from physical activity and to help prevent injury;
- prepare the respiratory system to return to its normal state; and
- stretch the muscles to help relax and restore them to their resting length.



The stretches chosen should focus on the areas of the body that were used the most during the sports activity.

ACTIVITY

OBJECTIVE

The objective of the cool-down is to stretch the muscles and perform light cardiovascular exercises that allow the body time to recover from physical activity, and to prevent injury.

RESOURCES

N/A.

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ACTIVITY LAYOUT

N/A.

ACTIVITY INSTRUCTIONS

1. Arrange the cadets in either a warm-up circle or in rows (as illustrated in Figures 1 and 2).

2. Demonstrate before having the cadets attempt each stretch/light cardiovascular exercise.

3. Assistant instructors may help demonstrate the movements and ensure the cadets are performing them correctly.

4. Have cadets perform each stretch/light cardiovascular exercise.

SAFETY

- Ensure there are at least two arm lengths between the cadets so they can move freely.
- Ensure the cadets perform the stretches and light cardiovascular exercises in a safe manner, following the guidelines for stretching listed in TP 1.

CONFIRMATION OF TEACHING POINT 4

The cadets' participation in the cool-down session will serve as the confirmation of this TP.

END OF LESSON CONFIRMATION

The cadets' participation in a recreational summer biathlon activity will serve as the confirmation of this lesson.

CONCLUSION

HOMEWORK/READING/PRACTICE

N/A.

METHOD OF EVALUATION

N/A.

CLOSING STATEMENT

Recreational summer biathlon is an activity that requires personal discipline, develops marksmanship skills and promotes physical fitness. Participation in a recreational summer biathlon activity may improve personal fitness level.

INSTRUCTOR NOTES/REMARKS

EO C311.01 (Practice Aiming and Firing the Cadet Air Rifle Following Physical Activity, Section 1) shall be taught prior to conducting this activity.

REFERENCES

A0-027 A-CR-CCP-177/PT-001 Director Cadets 3. (2001). *Cadet Marksmanship Program: Reference Manual*. Ottawa, ON: Department of National Defence.

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A0-098 Director Cadets 4. (2007). CATO 14-42, *Biathlon Common Program*. Ottawa, ON: Department of National Defence.

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C0-089 (ISBN 0-936070-22-6) Anderson, B. (2000). *Stretching: 20th Anniversary* (Rev. ed.). Bolinas, CA: Shelter Publications, Inc.

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