EO C306.02 – CORRECT MARKSMANSHIP ERROR

1. **Performance.** Correct Marksmanship Error.

2. **Conditions**

   a. Given:

      (1) Cadet air rifle,

      (2) Supervision, and

      (3) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Air rifle range constructed IAW A-CR-CCP-177/PT-001, Part 1, Section 8.

3. **Standard.** The cadet shall correct marksmanship error by adjusting:

   a. elevation, and

   b. windage.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain centring the group, to include: the theory of a group, and mean point of impact (MPI).	Interactive Lecture	10 min	C2-097 (p. 29)
TP2	Explain sight adjustment, to include: a. the purpose of sight adjustment, b. elevation, c. windage, and d. a zeroed cadet air rifle.	Interactive Lecture	10 min	C2-098 (p. 303, p. 304)
TP3	Explain the increments of sight adjustment, to include: a. sight adjustment of the cadet air rifle; b. lowering and raising the elevation; and c. moving the windage left and right.	Interactive Lecture	5 min	A0-027 (p. 2-11)

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TP	Description	Method	Time	Ref
TP4	Conduct a sight adjustment exercise as follows: a. Give the cadet a sight adjustment handout. Each target has a distinctive set of pellet impacts off-centre from the bull's eye. b. Have the cadet determine where the MPI of each target is located. c. Have the cadet determine the increments of sight adjustment required to move the MPI to the bull's eye. d. Have the cadet adjust the sights on the cadet air rifle.	Practical Activity	30 min	

5. **Time**

a.	Introduction/Conclusion:	5 min
b.	Interactive Lecture:	25 min
c.	Practical Activity:	30 min
d.	Total:	60 min

6. **Substantiation**

a. An interactive lecture was chosen for TPs 1–3 to give an overview of the theories and the practice of adjusting sights.

b. A practical activity was chosen for TP 4 as it is an interactive way to introduce and allow cadets to experience adjusting sights on the cadet air rifle in a controlled environment. This activity contributes to the development of sight adjustment skills and knowledge in a fun and challenging setting.

7. **References**

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

b. C2-097 Ontario Rifle Association. (2003). *Ontario Rifle Association Handbook for New Member*. Haliburton County, ON: MilCun Marksmanship Complex.

c. C2-098 Constantine, R. (1998). *Modern Highpower Competition: From Beginner to Master*. Manchester, CT: Precision Shooting Inc.

8. **Training Aids**

a. Presentation aids (eg, whiteboard/flip chart/OHP) appropriate for the classroom/training area,

b. Cadet air rifle, and

c. Sight adjustment handout.

9. **Learning Aids**

a. Cadet air rifle,

b. Sight adjustment handout, and

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c. Pen/pencil.

10. **Test Details.** N/A.

11. **Remarks.** N/A.

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