EO C406.02 – SCORE AIR RIFLE MARKSMANSHIP TARGETS

1. **Performance**: Score Air Rifle Marksmanship Targets

2. **Conditions**:

   a. Given:

      (1) Exercise targets,

      (2) Air rifle grouping template,

      (3) .177 scoring magnifier,

      (4) Supervision, and

      (5) Assistance as required.

   b. Denied: Nil.

   c. Environmental: Classroom or training area large enough to accommodate the entire group.

3. **Standard**: The cadet shall score air rifle marksmanship targets, to include:

   a. grouping targets, and

   b. competition targets.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Describe air rifle marksmanship targets, to include: a. CCM air rifle grouping targets, b. CCM competition targets, and c. non-standard targets.	Interactive Lecture	5 min	A0-027 (p. 1-9-1)
TP2	Explain, demonstrate and have the cadets score the CCM Air Rifle Grouping Target by: a. determining there are five shots in the grouping; b. aligning the air rifle grouping template over the five-shot grouping so that all shots are within a scoring ring; c. determining if the grouping will fit within the next smallest ring without touching the scoring ring; d. repeating as required until the grouping will not fit within the next smallest scoring ring without touching the scoring ring; e. recording the grouping size on the target; and f. determining the classification category.	Demonstration and Performance	10 min	A0-027 (pp. 1-9-1 to 1-9-2) A0-041 (p. C-3/6)

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TP	Description	Method	Time	Refs
TP3	Explain, demonstrate and have the cadets score the CCM Competition Target by: a. determining the score on each diagram by: 1. determining the value by inspecting with the naked eye; and 2. determining the value using the .177-scoring magnifier by: (a) aligning a scoring magnifier over the pellet hole; (b) awarding the higher value where a shot touches a scoring ring or breaks a scoring ring; and (c) awarding the lower value where a gap exists between the shot and a scoring ring; b. calculating any penalties; and c. recording the score on the target. Note: If scoring plugs and templates are required to determine a value, they shall be used under the supervision of an Air Rifle Marksmanship Instructor / Air Rifle Range Safety Officer.	Demonstration and Performance	10 min	A0-027 (pp. 1-9-2 to 1-9-4)

5. **Time**:

a.	Introduction / Conclusion:	5 min
b.	Interactive Lecture:	5 min
c.	Demonstration and Performance:	20 min
d.	Total:	30 min

6. **Substantiation**:

a. An interactive lecture was chosen for TP 1 to orient the cadets to the targets used during air rifle marksmanship activities and to generate interest.

b. A demonstration and performance was chosen for TPs 2 and 3 as it allows the instructor to explain and demonstrate scoring grouping and competition targets while providing an opportunity for the cadets to practice under supervision.

7. **References**:

a. A0-027 A-CR-CCP-177/PT-001 Director Cadets 3. (2005). *Cadet marksmanship program: Reference manual*. Ottawa, ON: Department of National Defence.

b. A0-148 CATO 14-43 Director Cadets 4. (2009). *Marksmanship program*. Ottawa, ON: Department of National Defence.

8. **Training Aids**:

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

b. Exercise targets,

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c. Air rifle grouping template, and

d. .177 scoring magnifier.

9. **Learning Aids**:

a. Exercise targets,

b. Air rifle grouping template,

c. .177 scoring magnifier, and

d. Pencil.

10. **Test Details**: Nil.

11. **Remarks**: Nil.

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