EO C390.01 – IDENTIFY TYPES OF MAPS

1. **Performance.** Identify Types of Maps.

2. **Conditions**

   a. Given:

      (1) Examples of different types of maps, to include:

         (a) topographical,

         (b) orienteering,

         (c) street, and

         (d) road;

      (2) Topographical map worksheet,

      (3) Supervision, and

      (4) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting during the day.

3. **Standard.** The cadet shall:

   a. identify types of maps, to include:

      (1) topographical,

      (2) orienteering,

      (3) street, and

      (4) road; and

   b. fold a map.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain the purpose of a map, in that: a. a map is a scale representation of the ground; b. a map uses symbols to represent both physical and man-made features found on the ground; c. maps identify locations such as towns, lakes, and rivers, by name; and d. map designs reflect the needs of the user (eg, urban planners, travellers, educators, cadets).	Interactive Lecture	5 min	C0-007 (pp. 9–11, p. 17, p. 18)
TP2	Describe the various types of maps, to include: a. topographical, b. orienteering,	Interactive Lecture	5 min	A2-036 (p. 5–2) A2-041 (p. 5)

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TP	Description	Method	Time	Ref
	c. political, d. street, e. road, f. statistical, g. relief, h. outline, and i. air photo.			C0-007 (pp. 11–14) C2-041 (pp. 27–30)
TP3	Describe how to care for a topographical map, to include: a. waterproofing the map; b. drying technique; c. only partially opening in a strong wind; d. using pencil and erasing when work is complete; and e. storing in a dry place, rolled, folded or laid flat.	Interactive Lecture	5 min	C2-041 (p. 58)
TP4	Explain, demonstrate, and have cadets practice folding a map.	Demonstration and Performance	10 min	A2-036 (p. 5–5) C2-041 (p. 58, p. 59)

5. **Time**

a.	Introduction/Conclusion:	5 min
b.	Interactive Lecture:	15 min
c.	Demonstration and Performance:	10 min
d.	Total:	30 min

6. **Substantiation**

a. An interactive lecture was chosen for TPs 1–3 to orient the cadets to maps and present basic or background material on the purposes, types, and care of maps.

b. Demonstration and performance was chosen for TP 4 as it allows the instructor to explain and demonstrate folding a map while providing an opportunity for the cadets to practice folding a map under supervision.

7. **References**

a. A2-036 A-CR-CCP-121/PT-001 Director Cadets 3. (2003). *Royal Canadian Army Cadet Reference Book*. Ottawa, ON: Department of National Defence.

b. A2-041 B-GL-382-005/PT-001 Canadian Forces. (2006). *Maps, Field Sketching, Compasses and the Global Positioning System*. Ottawa, ON: Department of National Defence.

c. C0-007 (ISBN 0-02-029265-1) Kjellstrom, B. (1994). *Be Expert With Map and Compass: The Complete Orienteering Handbook*. New York, NY: Hungry Minds, Inc.

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d. C2-041 (ISBN 0-07-136110-3) Seidman, D., & Cleveland, P. (1995). *The Essential Wilderness Navigator*. Camden, ME: Ragged Mountain Press.

8. **Training Aids**

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

b. Maps, to include:

(1) topographical,

(2) orienteering,

(3) street, and

(4) road; and

c. Topographical map worksheet.

9. **Learning Aids**

a. Maps, to include:

(1) topographical,

(2) orienteering,

(3) street, and

(4) road; and

b. Topographical map worksheet.

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

11. **Remarks.** The maps listed in paragraph 8.b. are the minimum required to instruct this lesson.

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