EO M222.03 – IDENTIFY COMPASS PARTS

1. **Performance**: Identify Compass Parts

2. **Conditions**:

   a. Given:

      (1) compass;

      (2) supervision; and

      (3) assistance as required.

   b. Denied: N/A.

   c. Environmental: Suitable classroom facility or training area large enough to accommodate the entire group.

3. **Standard**: In accordance with B-GL-382-005/PT-001, the cadet shall:

   a. identify compass parts; and

   b. set a predetermined declination.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Explain the principles behind the workings of a compass.	Interactive Lecture	5 min	A2-036 (pp. 5-29 and 5-30)
TP2	Identify and describe the parts of the compass, to include: a. sight; b. compass cover; c. sighting mirror; d. sighting line; e. luminous index point; f. compass dial; g. dial graduations; h. orienting arrow; i. romer 1:25 000; j. compass base plate; k. declination scale; l. compass meridian lines; m. magnetic needle; n. luminous orienting points; o. luminous index point; p. romer 1:50 000; q. safety cord or lanyard;	Interactive Lecture	10 min	A2-041 (pp. 66 and 67)

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TP	Description	Method	Time	Refs
	r. adjustable wrist lock; s. screwdriver; and t. declination adjustment screw.			
TP3	Explain, demonstrate and have the cadets practice setting declination, to include: a. defining declination; and b. setting declination on a compass.	Demonstration and Performance	10 min	A2-041 (pp. 67 and 68)

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 TP1 and TP2 to present basic material, orient the cadets to the compass, and generate interest.

   b. Demonstration and performance was chosen for TP3 as it allows the instructor to explain and demonstrate the skill the cadet is expected to acquire, while providing an opportunity for the cadets to practice navigation under supervision.

7. **References**:

   a. A2-036 A-CR-CCP-121/PT-001 D Cdts (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.

8. **Training Aids**:

   a. Presentation aids (eg, whiteboard/flipchart/OHP) appropriate for classroom/training area; and

   b. Compass.

9. **Learning Aids**: Compass.

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

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

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