EO M222.02 – DESCRIBE BEARINGS

1. **Performance**: Describe Bearings
2. **Conditions**:
   a. Given:
      (1) compass rose;
      (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 describe bearings by:
   a. identifying the 16 points of a compass;
   b. defining mils and degrees;
   c. identifying true, grid, and magnetic north; and
   d. defining bearings.
4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Identify and explain the 16 points of a compass, to include: a. the 4 cardinal points; b. the 4 inter-cardinal points; and c. the 8 intermediate points.	Interactive Lecture	10 min	A2-041 (p. 47)
TP2	Explain the scales on a compass, to include: a. the degree system; and b. the mils system.	Interactive Lecture	5 min	A2-041 (p. 47)
TP3	Identify and explain the three norths, to include: a. true north; b. grid north; and c. magnetic north.	Interactive Lecture	10 min	A2-041 (pp. 50-51)
TP4	Explain bearings, to include: a. the definition of a bearing; and b. the types of bearings.	Interactive Lecture	10 min	A2-041 (pp. 48-50)
TP5	Complete a compass rose activity, to confirm: a. the points of a compass; b. degrees and mils for each point.	Practical Activity	15 min	

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5. **Time**:

a.	Introduction / Conclusion:	10 min
b.	Interactive Lecture:	35 min
c.	Practical Activity:	15 min
d.	Total:	60 min

6. **Substantiation**:

   a. An interactive lecture was chosen for TP1 to TP4 to present basic material, orient the cadets to bearings, and to generate interest.

   b. A practical activity was chosen for TP5 as it is an interactive way to introduce cadets to bearings. This activity contributes to the development of navigation skills and knowledge in a fun and challenging setting.

7. **References**: 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;

   b. Topographical map; and

   c. Compass rose.

9. **Learning Aids**:

   a. Pencil; and

   b. Compass rose.

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

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

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