EO C390.03 – ORIENT A MAP BY INSPECTION

1. **Performance.** Orient a Map by Inspection.

2. **Conditions**

   a. Given:

      (1) Topographical map of the exercise area,

      (2) The cadet's location on the map,

      (3) Supervision, and

      (4) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting during the day with a minimum of three prominent objects that are located on the given map.

3. **Standard.** IAW B-GL-382-005/PT-001, the cadet shall orient a map by inspection by:

   a. selecting three prominent objects visually and finding them on the map;

   b. rotating the map until the three prominent objects line up with those same objects on the ground; and

   c. ensuring that all features on the map match the topography.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain the purpose of orienting a map.	Interactive Lecture	5 min	A2-041 (p. 75)
TP2	Explain and demonstrate how to orient a map, to include: a. identifying their approximate location on the map; b. selecting three prominent objects around the cadet's current location and finding them on the map; c. rotating the map until all identified objects on the map line up with the direction in which the objects are located on the ground; and d. ensuring that all features line up with their positions on the map.	Demonstration and Performance	20 min	A2-041 (p. 75)

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. Interactive Lecture: 5 min

   c. Demonstration and Performance: 20 min

   d. Total: 30 min

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6. **Substantiation**

   a. An interactive lecture was chosen for TP 1 to give the cadets an overview of the purpose of orienting a map.

   b. Demonstration and performance was chosen for TP 2 as it allows the instructor to explain and demonstrate orienting a map by inspection while providing an opportunity for the cadets to practice the skill under supervision.

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/flip chart/OHP/multimedia projector) appropriate for the classroom/training area,

   b. Demonstration map,

   c. Topographical map of the exercise area, and

   d. The cadets' location on the map.

9. **Learning Aids**

   a. Topographical map of the exercise area, and

   b. The cadets' location on the map.

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

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

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