EO C390.07 – DETERMINE DIRECTION AT NIGHT

1. **Performance.** Determine Direction at Night.

2. **Conditions**

   a. Given:

      (1) Sky map,

      (2) Red-filtered flashlight,

      (3) Supervision, and

      (4) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting during the night with a clear view of the sky.

3. **Standard.** The cadet shall determine direction at night, to include:

   a. using the moon to determine south; and

   b. identifying the major constellations used to find Polaris (North Star).

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain, demonstrate and have cadets determine direction using the moon, to include: a. identifying the phases of the moon; and b. determining south.	Demonstration and Performance	10 min	C0-111 (p. 520, p. 567) C3-002 (p. 356)
TP2	Explain, demonstrate and have cadets identify the major constellations required to find Polaris, to include: a. Ursa Major (Big Dipper), b. Cassiopeia, c. Orion, and d. Ursa Minor (Little Dipper).	Demonstration and Performance	10 min	C0-111 (pp. 568–571) C3-002 (pp. 356–358)
TP3	Explain, demonstrate and have cadets locate Polaris using the major constellations identified in TP2.	Demonstration and Performance	5 min	C0-111 (p. 520, pp. 568–571)

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. Demonstration and Performance: 25 min

   c. Total: 30 min

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Verify against the official publication.

6. **Substantiation.** Demonstration and performance was chosen for this lesson as it allows the instructor to demonstrate determining direction at night while providing an opportunity for the cadet to practice the skill under supervision.

7. **References**

   a. C0-111 (ISBN 978-0-9740820-2-8) Tawrell, P. (2006). *Camping and Wilderness Survival: The Ultimate Outdoors Book* (2nd ed.). Lebanon, NH: Leonard Paul Tawrell.

   b. C3-002 (ISBN 0-00-653140-7) Wiseman, J. (1999). *The SAS Survival Handbook*. Hammersmith, London: HarperCollins Publishers.

8. **Training Aids**

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

   b. Sky map,

   c. Red-filtered flashlight, and

   d. Compass.

9. **Learning Aids**

   a. Sky map, and

   b. Red-filtered flashlight.

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

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

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