EO C340.04 – DESCRIBE ELEMENTS OF THE NIGHT SKY

1. **Performance.** Describe Elements of the Night Sky.

2. **Conditions**

   a. Given:

      (1) Celestial reference sheets,

      (2) Supervision, and

      (3) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Classroom or training area large enough to accommodate the entire group.

3. **Standard.** The cadet shall describe elements of the night sky, to include:

   a. constellations,

   b. planets, and

   c. other celestial bodies.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Describe fixed elements of the night sky, to include: a. visible stars, and b. constellations.	Interactive Lecture	15 min	C3-179 (pp. 120–135)
TP2	Describe moving objects of the night sky, to include: a. satellites, and b. planets.	Interactive Lecture	10 min	C3-180 C3-221

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. Interactive Lecture: 25 min

   c. Total: 30 min

6. **Substantiation.** An interactive lecture was chosen for this lesson to orient the cadets to elements of the night sky, to generate interest and emphasize the teaching points.

7. **References**

   a. C3-179 (ISBN 1-55209-302-6) Dickenson, T. (2001). *Night Watch: A Practical Guide to Viewing the Universe*. Willowdale, ON: Firefly Books.

   b. C3-180 (ISBN 1-55297-853-2) Scagell, R. (2004). *Firefly Planisphere: Latitude 42 Degrees North*. Willowdale, ON: Firefly Books.

   c. C3-221 National Research Council of Canada. (2007). *Explore the Night Sky*. Retrieved December 3, 2007, from http://www.nrc-cnrc.gc.ca/eng/education/astronomy/constellations/html.html.

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Verify against the official publication.

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

9. **Learning Aids.** Handout of celestial reference sheets showing constellations.

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

11. **Remarks.** This EO may be conducted with EO C390.09 (Identify Elements of the Night Sky, Section 19).

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