EO C360.02 – EXPLAIN ASPECTS OF AERODROME LIGHTING

1. **Performance.** Explain Aspects of Aerodrome Lighting.

2. **Conditions**

   a. Given:

      (1) Supervision, and

      (2) 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 explain aspects of aerodrome lighting, to include:

   a. manoeuvring lighting, to include:

      (1) runway lighting,

      (2) taxiway lighting,

      (3) apron lighting,

      (4) unserviceable area markings, and

      (5) approach light systems (ALS); and

   b. navigational lighting, to include:

      (1) aerodrome beacon, and

      (2) obstruction lighting.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain manoeuvring lighting, to include: a. runway lighting, b. taxiway lighting, c. apron lighting, d. unserviceable area markings, and e. approach lighting systems (ALS).	Interactive Lecture	20 min	C2-044 (p. 65) C3-116 (p. 93–94)
TP2	Explain navigational lighting, to include: a. aerodrome beacon, and b. obstruction lighting.	Interactive Lecture	5 min	C3-116 (p. 93–94)

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. Interactive Lecture: 25 min

   c. Total: 30 min

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Verify against the official publication.

6. **Substantiation.** An interactive lecture was chosen for this lesson to clarify, emphasize and summarize aspects of aerodrome lighting.

7. **References**

   a. C2-044 Transport Canada. (2007). *Aeronautical Information Manual*. Retrieved October 2, 2007, from http://www.tc.gc.ca/publications/EN/TP14371/PDF/HR/TP14371E.PDF.

   b. C3-116 (ISBN 0-9680390-5-7) MacDonald, A. F., & Peppler, I. L. (2000). *From the Ground Up: Millennium Edition*. Ottawa, ON: Aviation Publishers Co. Limited.

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

9. **Learning Aids.** N/A.

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

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

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