EO C432.01 – DESCRIBE IGNITION AND ELECTRICAL SYSTEMS

1. **Performance**: Describe Ignition and Electrical Systems

2. **Conditions**:

   a. Given:

      (1) Supervision, and

      (2) Assistance as required.

   b. Denied: Nil.

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

3. **Standard**: The cadet shall describe ignition and electrical systems.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Describe the ignition system.	Interactive Lecture	15 min	C3-116 (pp. 69–71)
TP2	Describe the electrical system.	Interactive Lecture	10 min	C3-116 (pp. 71–72)

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 clarify, emphasize, and summarize the ignition and electrical systems.

7. **References**: 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**: Nil.

10. **Test Details**: Nil.

11. **Remarks**: Cadets who are qualified Advanced Aviation may assist with this instruction.

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