EO C530.01 – FLY A CROSS-COUNTRY FLIGHT USING A FLIGHT SIMULATOR

1. **Performance**: Fly a Cross-Country Flight Using a Flight Simulator

2. **Conditions**:

   a. Given:

      (1) Self-study package,

      (2) Visual Flight Rules (VFR) Navigation Chart (VNC),

      (3) ICAO chart ruler,

      (4) Flight computer,

      (5) Flight simulator,

      (6) Supervision, and

      (7) Assistance as required.

   b. Denied: Nil

   c. Environmental: Classroom or training area suitable to complete the self-study package.

3. **Standard**: The cadet shall fly a cross-country flight using a flight simulator by completing a self-study package.

4. **Teaching Points**: Have the cadet complete the self-study package, which includes:

   a. plotting a visual flight rules (VFR) cross-country flight on a VNC, to include:

      (1) marking the original airport;

      (2) plotting to the second airport recording landmarks; and

      (3) plotting to the original airport recording landmarks;

   b. determining aircraft speed; and

   c. flying the VFR cross-country flight using a flight simulator.

5. **Time**:

a.	Self Study:	90 min
b.	Total:	90 min

6. **Substantiation**: A self study was chosen for this lesson as it allows the cadet to plan and fly a cross-country flight using a flight simulator at their own pace. This encourages the cadet to become more self-reliant and independent by focusing on their own learning instead of learning directed by the instructor.

7. **References**:

   a. A0-001 A-CR-CCP-263/PT-001. (2000). *From the ground up*. Ottawa, ON: Aviation Publishers Co. Ltd.

   b. C3-345 Flight Simulator Navigation. (2009). *Air navigation*. Retrieved October 22, 2009, from http://www.navfltsm.addr.com.basic-nav-general.htm

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8. **Training Aids**: Nil.

9. **Learning Aids**:

    a. Self-study package,

    b. VNC,

    c. ICAO chart ruler,

    d. Flight computer,

    e. Flight simulator, and

    f. Pen / pencil.

10. **Test Details**:Nil.

11. **Remarks**:The cross-country flight is planned for a maximum of 60 minutes.

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