EO C540.01 – REFLECT ON CANADA'S CONTRIBUTION TO AEROSPACE TECHNOLOGY

1. **Performance**: Reflect on Canada's Contribution to Aerospace Technology

2. **Conditions**:

   a. Given:

      (1) Self-study package,

      (2) Supervision, and

      (3) Assistance as required.

   b. Denied: Nil.

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

3. **Standard**: The cadet shall reflect on Canada's contribution to aerospace technology by completing a self-study package.

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

   a. the accomplishments up to the cancellation of the Avro Canada CF-105 Arrow project,

   b. the accomplishments of former Avro Canada Limited personnel,

   c. the Canadian contribution to the space program, and

   d. the Canadian contribution to aircraft development.

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 reflect in greater detail on Canada's contribution to aerospace technology 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. C3-346 ISBN 978-1-55002-940-6 Melady, J. (2009). *Canadians in space: The forever frontier*. Toronto, ON: Dundurn Press.

   b. C3-347 Aerospace and Defence. (2008). *Canada's evolving position in the aerospace environment*. Retrieved October 23, 2009, from http://www.ic.gc.ca/eic/site/ad-ad.nsf/eng/ad03879.html

   c. C3-356 Centennial of Flight (2009). Avro Canada. Retrieved December 4, 2009 from http://www.centennialofflight.ca/airforce/hist/history_Avro_Canada_e.php

   d. C3-357 page.interlog.com (2004). Avrodemo timeline. Copyright 1998–2004 by Art and Industry/20th Century Limited. Retrieved December 4, 2009 from http://pages.interlog.com/~urbanism/adrodemo.html

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8. **Training Aids**: Nil.

9. **Learning Aids**:

    a. Self-study package, and

    b. Pen / pencil.

10. **Test Details**: Nil.

11. **Remarks**: Nil.

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