EO C337.01 – OPERATE A RADIO FOR AVIATION TRANSMISSION

1. **Performance.** Operate a Radio for Aviation Transmission.

2. **Conditions**

   a. Given:

      (1) Hand-held radio,

      (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, simulating a pilot, shall operate a radio for aviation transmission, to include:

   a. using the phonetic alphabet and numbers;

   b. communicating the arrival (landing) of an aircraft; and

   c. communicating the departure (takeoff) of an aircraft.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Review the phonetic alphabet and numbers.	In-Class Activity	5 min	C3-116 (p. 218) C3-182
TP2	Explain, demonstrate and have the cadet practice operating a radio to communicate the arrival of an aircraft.	Demonstration and Performance	10 min	C3-116 (pp. 221–226) C3-182
TP3	Explain, demonstrate and have the cadet practice operating a radio to communicate the departure of an aircraft.	Demonstration and Performance	10 min	C3-116 (pp. 221–226) C3-182

5. **Time**

   a. Introduction/Conclusion: 5 min

   b. In-Class Activity: 5 min

   c. Demonstration and Performance: 20 min

   d. Total: 30 min

6. **Substantiation**

   a. An in-class activity was chosen for TP 1 as an interactive way to review the phonetic alphabet.

   b. Demonstration and performance was chosen for TPs 2 and 3 as it allows the instructor to explain and demonstrate operating a radio while providing an opportunity for the cadet to practice radio transmissions under supervision.

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Verify against the official publication.

7. **References**

   a. 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.

   b. C3-182 *Study Guide for the Radiotelephone Operator's Restricted Certificate (Aeronautical)*. (1990). Retrieved October 23, 2007, from http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/sf01397e.html.

8. **Training Aids**

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

   b. Hand-held radio, and

   c. Script of phrases.

9. **Learning Aids**

   a. Hand-held radio, and

   b. Script of phrases.

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

11. **Remarks.** Depending on available resources, this EO may be conducted on the familiarization flying day in cooperation with the Technical Training Establishment (TTE).

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