EO C221.03 – IDENTIFY SPECIES OF TREES

1. **Performance**: Identify Species of Trees

2. **Conditions**:

   a. Given:

      (1) supervision; and

      (2) assistance as required.

   b. Denied: N/A.

   c. Environmental: Suitable classroom facilities or training area large enough to accommodate the entire group.

3. **Standard**: In accordance with specified references, the cadet shall identify one deciduous and one coniferous trees using leaf or bark identification.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Identify characteristics of deciduous trees, to include: a. environment; b. seeds; c. leaf attachment; d. leaf type; e. bark; f. usage; and g. firewood.	Interactive Lecture	20 min	C2-004 (p. 124) C0-117 (pp. 22 to 35) C2-016 (pp. 213 to 218) C2-068 (p. 79)
TP2	Identify characteristics of coniferous trees, to include: a. environment; b. seeds; c. types of needles; d. bark; e. usage; and f. firewood.	Interactive Lecture	20 min	C0-117 (p. 14) C0-137 C2-004 (pp. 123, 288–289) C2-068 (p. 79)
TP3	Have the cadets participate in an identification activity where they will identify types of trees, to include: a. one deciduous; and b. one coniferous.	Practical Activity	10 min	C0-117 C0-137

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5. **Time**:

a.	Introduction / Conclusion:	10 min
b.	Interactive Lecture:	40 min
c.	Practical Activity:	10 min
d.	Total:	60 min

6. **Substantiation**:

   a. An interactive lecture was chosen for TP1 and TP2 to introduce species of trees and to generate interest.

   b. An practical activity was chosen for TP3 as it is an interactive way to identify species of trees and to confirm the cadet's comprehension of the material.

7. **References**:

   a. C0-117 (ISBN 1-58238-092-9) Brockman F. C. (2001). *Trees of North America: A Guide to Field Identification*. New York, USA: St. Martin's Press.

   b. C0-137 Natural Resources Canada. (2002). *Provincial Trees*. Retrieved 22 March 2007, from http://cfl.scf.rncan.gc.ca/imfec-idecf/hosttrees.html.

   c. C2-004 (ISBN 1-896713-00-9) Tawrell, P. (1996). *Camping and Wilderness Survival: The Ultimate Outdoors Book*. Green Valley, ON: Paul Tawrell.

   d. C2-016 (ISBN 0-517-88783-5) Curtis, R. (1998). *The Backpacker's Field Manual: A Comprehensive Guide to Mastering Backcountry Skills*. New York, NY: Three Rivers Press.

   e. C2-068 (ISBN 0-425-10572-5) Brown T. with Morgan B. (1993). *Tom Brown Field Guide: Wilderness Survival*. New York, NY: The Bertley Publishing Group.

8. **Training Aids**: Presentation aids (eg, whiteboard/flipchart/OHP) appropriate for the classroom/training area.

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

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

11. **Remarks**:

   a. During the identification activity, if time and resources permit, each cadet may identify more than one tree.

   b. Though the activity may be conducted in-class, it is recommended that it be conducted outside. If the lesson is conducted in-class, it should be reviewed in a field setting.

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