EO C321.03 – CONSTRUCT FIELD AMENITIES

1. **Performance.** Construct Field Amenities.

2. **Conditions**

   a. Given:

      (1) Nylon rope,

      (2) Twine,

      (3) 1.8-kg (4-lb) axe with a 91-cm (36-inch) handle,

      (4) 60-cm (24-inch) bow saw,

      (5) Diagrams detailing field amenities construction,

      (6) Supervision, and

      (7) Assistance as required.

   b. Denied: N/A.

   c. Environmental: Field setting, during daylight hours.

3. **Standard.** The cadet, in groups of four, shall construct two field amenities from the following:

   a. a swamp bed,

   b. a pack frame,

   c. a meat-drying rack,

   d. a raft, or

   e. a tool rack.

4. **Teaching Points**

TP	Description	Method	Time	Ref
TP1	Explain, demonstrate, and have the cadets practice tying the following: a. sheer lashing, b. square lashing, c. timber hitch, d. diagonal lashing, and e. figure-of-eight lashing.	Demonstration and Performance	45 min	C2-007 (pp. 180–188)

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TP	Description	Method	Time	Ref
TP2	Have the cadets, in groups of four, construct two of the following field amenities: a. a swamp bed, b. a pack frame, c. a meat-drying rack, d. a raft, or e. a tool rack.	Practical Activity	130 min	C2-008 (p. 381) C2-046

5. **Time**

a.	Introduction and Conclusion:	5 min
b.	Demonstration and Performance:	45 min
c.	Practical Activity:	130 min
d.	Total:	180 min

6. **Substantiation**

a. Demonstration and performance was chosen for TP 1 as it allows the instructor to explain and demonstrate knots and lashings while providing an opportunity for the cadets to practice tying knots and lashings under supervision.

b. A practical activity was chosen for TP 2 as it is an interactive way to allow the cadet to experience building field amenities in a safe, controlled environment. This activity contributes to the development of building skills in a fun and challenging setting.

7. **References**

a. C2-007 (ISBN 0-7858-1446-9) Pawson, D. (2001). *Pocket Guide to Knots and Splices*. Edison, NJ: Chartwell Books Inc.

b. C2-008 (ISBN 0-00-265314-7) Wiseman, J. (1999). *The SAS Survival Handbook*. Hammersmith, London: HarperCollins Publishers.

c. C2-046 PioneeringProjects.org. (2004). *PioneeringProjects.org*. Retrieved February 20, 2008, from http://www.pioneeringprojects.org/projects/index.htm.

8. **Training Aids**

a. Nylon rope,

b. Twine,

c. 1.8-kg (4-lb) axe with a 91-cm (36-inch) handle, and

d. 60-cm (24-inch) bow saw,

9. **Learning Aids**

a. Nylon rope,

b. Twine,

c. 1.8-kg (4-lb) axe with a 91-cm (36-inch) handle,

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d. 60-cm (24-inch) bow saw, and

e. Diagrams detailing field amenities construction.

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

11. **Remarks**

a. Natural resources found in the field such as fallen or dead wood, are to be used for construction. Instructors are to confirm with local authorities that natural resources may be used for this activity.

b. Each cadet must gather three sticks or poles approximately 2.54 cm (one inch) in diameter prior to this lesson.

c. Field amenities will be disassembled, following construction.

d. The content of this EO is similar to content in C221.02 (Construct Field Amenities, A-CR-CCP-702/PG-001, Chapter 4, Section 11) and C121.01 (Construct Field Amenities, A-CR-CCP-701/PG-001, Chapter 4, Section 10). It is recommended that these lessons be conducted concurrently.

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