EO C490.02 – IMPROVISE TOOLS FOR USE IN A SURVIVAL SITUATION

1. **Performance**: Improvise Tools for Use in a Survival Situation

2. **Conditions**:

   a. Given:

      (1) Aviation salvage kit,

      (2) Bones,

      (3) Cordage,

      (4) Knife,

      (5) Needle,

      (6) Supervision, and

      (7) Assistance as required.

   b. Denied: Nil.

   c. Environmental: Training area large enough to accommodate the entire group.

3. **Standard**: The cadet shall improvise tools for use in a survival situation, to include:

   a. cutting tools, and

   b. a compass.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Discuss the potential of the materials at hand for use in a survival situation.	Group Discussion	10 min	A3-016 (p. 150)
TP2	Explain, demonstrate and have the cadets construct a cutting or piercing tool, to include: a. a bone, metal or plastic knife, or b. a bone needle.	Demonstration and Performance	15 min	
TP3	Explain, demonstrate and have the cadets construct a compass.	Demonstration and Performance	15 min	
TP4	Explain and demonstrate how to construct a hammer.	Demonstration	10 min	

5. **Time**:

a.	Introduction / Conclusion:	10 min
b.	Group Discussion:	10 min
c.	Demonstration and Performance:	30 min

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d.	Demonstration:	10 min
e.	Total:	60 min

6. **Substantiation**:

   a. A group discussion was chosen for TP 1 to allow the cadets to interact with their peers and share knowledge and experiences about the potential of the materials at hand during a survival situation.

   b. A demonstration and performance was chosen for TPs 2 and 3 as it allows the instructor to explain and demonstrate the skill of improvising tools while providing an opportunity for the cadets to practice the skill under supervision.

   c. A demonstration was chosen for TP 4 to allow cadets to observe how to construct a hammer.

7. **References**: A3-016 B-GA-217-001/PT-001 Director Air Operations and Training. (1978). *Down but not out*. Ottawa, ON: Department of National Defence.

8. **Training Aids**:

   a. Bones,

   b. Cordage,

   c. Knife, and

   d. Needle.

9. **Learning Aids**:

   a. Bones,

   b. Cordage,

   c. Knife, and

   d. Needle.

10. **Test Details**: Nil.

11. **Remarks**: Cadets who are qualified Survival Instructor may assist with this instruction.

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