EO C521.01 – RECOGNIZE THE IMPACT OF HUMAN ACTIVITY ON ECOSYSTEMS

1. **Performance**: Recognize the Impact of Human Activity on Ecosystems

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 recognize the impact of human activity on ecosystems by completing a self study package.

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

   a. the concept of ecosystems,

   b. the changes in ecosystems due to outdoor recreation, to include:

      (1) physiological reactions of plants to:

         (a) touching;

         (b) shaking;

         (c) bending;

         (d) wounding; and

         (e) defoliating;

      (2) changes in vegetation as a result of wear,

      (3) disturbance to animals, and

      (4) impact of water-based recreation; and

   c. the impact of personal activities and lifestyle choices.

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 examine in greater detail the impact of human activity on ecosystems at their own learning 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**:

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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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