EO M130.03 – CONSTRUCT A MODEL AIRPLANE

1. **Performance**: Construct a Model Airplane

2. **Conditions**:

   a. Given:

      (1) Model airplane template,

      (2) Thumbtack,

      (3) Small bull clip,

      (4) Scissors,

      (5) Glue,

      (6) Markers,

      (7) Supervision, and

      (8) Assistance as required.

   b. Denied: Nil.

   c. Environmental: Classroom or training area large enough to accommodate the entire group.

3. **Standard**: The cadets shall construct a model airplane, to include:

   a. fuselage,

   b. wings,

   c. empennage,

   d. landing gear, and

   e. propeller.

4. **Teaching Points**:

TP	Description	Method	Time	Refs
TP1	Construct a model airplane.	In-Class Activity	45 min	C3-017 (pp. 42–45)
TP2	Participate in a group discussion on parts of an airplane and constructing the model airplane.	Group Discussion	5 min	A3-001 (pp. 9–13)

5. **Time:**

   a. Introduction / Conclusion: 10 min

   b. In-Class Activity: 45 min

   c. Group Discussion: 5 min

   d. Total: 60 min

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Verify against the official publication.

6. **Substantiation**:

   a. An in-class activity was chosen for TP 1 as it is an interactive way to present the content and the construction of a model airplane.

   b. A group discussion was chosen for TP 2 as it allows the cadets to interact with their peers and share their knowledge about building a model airplane.

7. **References**:

   a. A3-001 A-CR-CCP-263/PT-001 *From the ground up: Millennium edition*. (2000). Ottawa, ON: Aviation Publishers Co. Limited.

   b. C3-017 ISBN 1-895569-23-0 Schmidt, N. (1998). *Fabulous paper gliders*. New York, NY: Sterling Publishing.

8. **Training Aids**: Completed model airplane.

9. **Learning Aids**:

   a. Model airplane template,

   b. List of instructions,

   c. Thumb tack,

   d. Small bull clip,

   e. Scissors,

   f. Glue, and

   g. Markers.

10. **Test Details**: Nil.

11. **Remarks**: Nil.

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