

Parts of an Airplane

Concepts Illustrated:

Various aviation knowledge and trivia
Identification of the basic parts of a plane.

Time Requirements: 60 Minutes

Grade Level of Audience: This activity is primarily suited for kids in grades 3-6.

Parts of an Airplane

Adapted for the EAA from Glenn Learning Technologies, LTP

Beginner's Guide to Aerodynamics is a "textbook" of information prepared at NASA Glenn Research Center to help you better understand how airplanes work. Click [Beginner's Guide Index](#) to access the list of slides. Open the slide called **Airplane Parts Definitions** (with text). Study the labeled diagram and read the explanation of the functions of the airplane parts. Then using the information shown at [Airplane Parts Identification and Functions Problems](#), complete the questions.

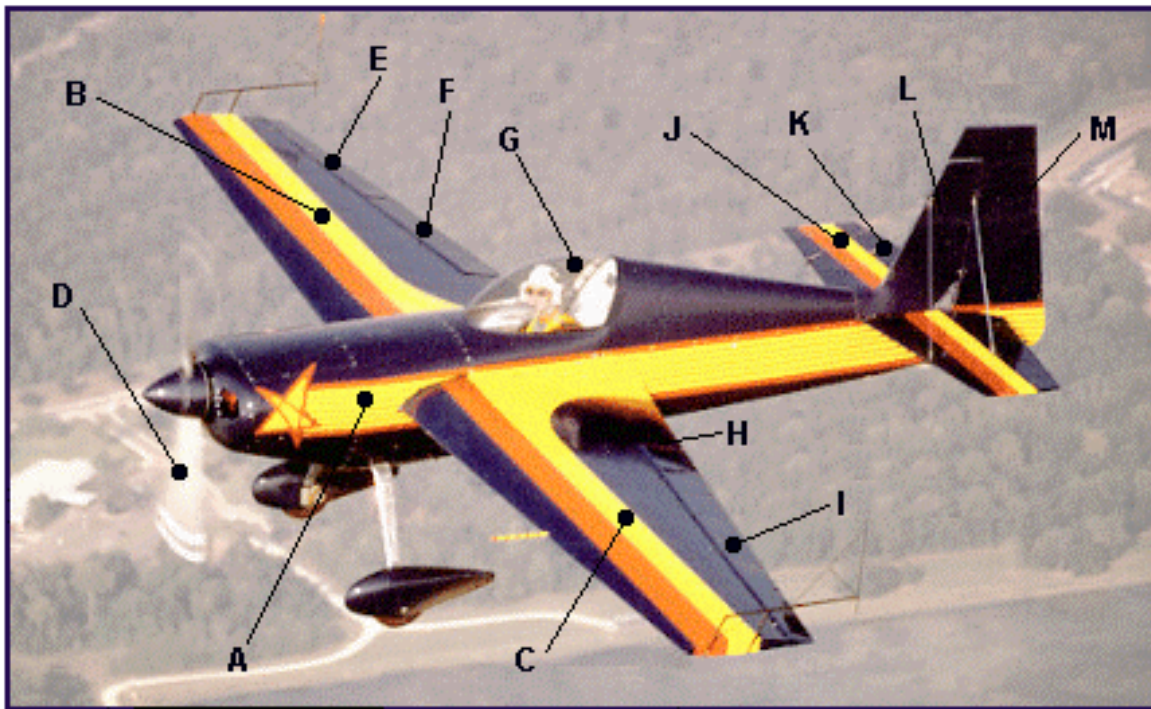
PRINT THIS ANSWER SHEET TO FILL OUT AND TURN IN.

[CLICK HERE](#) to return to the problems.

NAME _____

CLASS _____ DATE _____

Airplane Parts Identification & Functions Worksheet



Using the letters shown on the airplane photograph above, identify the airplane parts listed below. Write both correct letters where needed.

- 1. wings _____
- 2. vertical stabilizer _____
- 3. fuselage _____
- 4. flaps _____
- 5. cockpit _____
- 6. propeller _____
- 7. rudder _____
- 8. ailerons _____
- 9. elevator _____
- 10. horizontal stabilizer _____

1. Write the names of the three airplane parts that can be used to change the shape of the wings.

2. The wing generates lift because of its shape. Look at the airplane above. Which other part of the airplane, because of its similar shape, should also generate lift?

3. Look at the airplane above. Which moveable part would the pilot use to make the airplane turn to the left? _____

4. Which part would the pilot move in order to tip the left wing lower than the right?

5. Which part of the airplane in the picture above is generating thrust?
