U3\_L3\_ALL8

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CLASS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE\_\_\_\_\_\_\_\_\_\_\_\_

**Airplane Parts and Functions: fill out the answer sheet and turn in. Starting grade: 4**

*KEYS (from https://www.grc.nasa.gov/www/k-12/BGA/Sheri/airplane\_parts\_ans.htm)*

1. *Using the letters shown on the airplane photograph projected on the board, identify the airplane parts listed below. Write both correct letters where needed. Max grade: 3*

|  |  |
| --- | --- |
| 1. wings | C,B |
| 2. vertical stabilizer | L |
| 3. fuselage | A |
| 4. flaps | H, F |
| 5. cockpit | G |
| 6. propeller | D |
| 7. rudder | M |
| 8. ailerons | E, I |
| 9. elevator | K |
| 10.horizontal stabilizer | J |

1. *Answer the question. Max grade: 3*
2. Write the names of the three airplane parts that can be used to change the shape of the wings. \_\_\_AILERONS FLAPS WINGS\_\_\_\_\_\_
3. The wing generates lift because of its shape. Look at the airplane in the picture. Which other part of the airplane, because of its similar shape, should also generate lift? \_\_\_\_\_\_\_\_\_HORIZONTAL STABILIZER\_\_\_\_\_\_\_\_
4. Look at the airplane above. Which moveable part would the pilot use to make the airplane turn to the left? \_\_\_\_RUDDER \_\_\_\_\_\_
5. Which part would the pilot move in order to tip the left wing lower than the right? \_\_\_\_\_\_\_ AILERONS \_\_\_\_\_\_\_\_\_\_
6. Which part of the airplane in the picture above is generating thrust? PROPELLER