

Remember, most of the Questions will be Reworded



Flight Technology Module Guide

- Which of the following best describes the action of the elevator on the tail of an airplane?
 A. movable horizontal
B. movable vertical
C. stationary vertical
D. stationary horizontal
1. A
- The wing of an airplane is also known as which one of the following terms?
A. aileron
B. elevator
 C. airfoil
D. stabilizer
2. C
- There are four forces that act upon a plane in flight. Identify the force that enables airplanes to overcome gravity.
A. drag
B. thrust
 C. weight
 D. lift
3. D
- Which of the listed factors has the greatest effect on the magnitude of lift?
A. wing thickness
B. altitude
 C. area
D. aileron
4. C
- An airplane accelerates or increases in speed when this force is greater than drag.
 A. thrust
B. weight
C. lift
D. gravity
5. A
- Which principle states that "as the velocity of a fluid increases, its internal pressure decreases?"
A. Newton's principle
B. aerodynamic principle
 C. Bernoulli's principle
D. relational fluids principle
6. C
- For an airplane to achieve lift, what must the air pressure on the top surface of the wing be in relationship to the bottom surface of the wing?
 A. equal
 B. less than
C. twice as much
D. greater than
7. B
- What is the force that enables planes to stay in the air?
A. thrust
 B. lift
C. drag
D. zero gravity
8. B
- What force is created when an object moves through a fluid like an aircraft moves through air?
A. weight
B. thrust
 C. drag
D. lift
9. C
- According to Newton's third law, for every action there is an equal and opposite reaction. Therefore, what is the force that opposes lift?
A. thrust
B. drag
 C. speed
 D. weight
10. D

Please return to Module or Mr. Lopez