

# Aerospace Engineering Basics

Aerospace Engineering · Practice Test · 8 Questions

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**1. What is the main force that keeps an airplane flying by pushing it upwards?**

- A) Thrust
- B) Drag
- C) Lift
- D) Weight

**2. What part of a rocket engine burns fuel to create hot gas that pushes the rocket upwards?**

- A) Nose cone
- B) Fin
- C) Booster
- D) Combustion chamber

**3. Which planet is famous for having a prominent ring system, studied by spacecraft like Cassini?**

- A) Mars
- B) Jupiter
- C) Saturn
- D) Venus

**4. What is the name for the curved path that a satellite follows around a planet or moon?**

- A) Orbit
- B) Trajectory
- C) Altitude
- D) Velocity

**5. What is the most common gas found in Earth's atmosphere that helps airplanes fly?**

- A) Oxygen
- B) Carbon Dioxide
- C) Helium
- D) Nitrogen

**6. Which astronaut was the first person to walk on the Moon during the Apollo 11 mission?**

- A) Buzz Aldrin
- B) Yuri Gagarin
- C) Neil Armstrong
- D) John Glenn

**7. What do we call the large, powerful engines that help a rocket escape Earth's gravity?**

- A) Propellers
- B) Jet engines
- C) Rocket boosters
- D) Turbines

**8. What is the imaginary line that an object travels along as it moves through space, like a spacecraft?**

- A) Horizon
- B) Axis
- C) Path
- D) Trajectory