

Aerospace Engineering Fundamentals

Aerospace Engineering · Answer Key · 8 Questions

1. In what year did Chuck Yeager break the sound barrier in the Bell X-1 aircraft?

- A) 1946
- B) 1947**
- C) 1948
- D) 1949

2. The first successful orbital flight of Sputnik 1 occurred in which year?

- A) 1955
- B) 1956
- C) 1957**
- D) 1958

3. Which engineer is credited with the design of the V-2 rocket, a precursor to modern ballistic missiles?

- A) Wernher von Braun**
- B) Sergei Korolev
- C) Robert Goddard
- D) Kelly Johnson

4. The Apollo 11 mission, which landed humans on the Moon, took place in what year?

- A) 1967
- B) 1968
- C) 1969**
- D) 1970

5. What was the approximate cruising speed of the Concorde supersonic transport aircraft in Mach?

- A) Mach 0.5
- B) Mach 1.0
- C) Mach 1.5
- D) Mach 2.0**

6. The Boeing 747, often called the 'Jumbo Jet', made its first flight in which year?

- A) 1967
- B) 1968
- C) 1969**
- D) 1970

7. The first successful launch of the Saturn V rocket, intended for the Apollo program, occurred in what year?

A) 1966

B) 1967

C) 1968

D) 1969

8. Which country developed the MiG-25 'Foxbat', a high-speed interceptor aircraft, in the 1960s?

A) United States

B) United Kingdom

C) Soviet Union

D) France