

## **Interesting facts about planes**

### **1. What are the benefits of painting a plane in white?**

There are several reasons why a plane is colored white. It helps to keep the plane cool. White is an excellent reflector of light, while other colors absorb it. Therefore, the plane remains cool during flight and when it lands on the ground. It saves energy and makes passengers comfortable. It is easier to observe any faults in the plane, such as cracks or oil leaks, because of the white color. Any fault is visible against the white-colored background.

### **2. Why do commercial flights fly at high altitudes?**

Generally, passenger flights travel at altitudes of 30,000 to 40,000 feet. When a passenger flight travels at this high altitude, it leads to decreased air resistance, resulting in less fuel consumption and a smoother ride.

### **3. Why are oxygen masks essential during plane flights?**

Planes are provided with oxygen masks. These oxygen masks are an essential component of a plane because every plane has to travel at high altitudes, and there is a risk of a sudden drop in cabin pressure. These oxygen masks provide oxygen for about 15 to 20 minutes by automatic activation after a pressure drop. Inside the mask, there is a chemical generator that produces oxygen gas.

### **4. What is the use of the black box on a plane?**

It is a device or machine that keeps records regarding plane parameters, such as height, performance, control, and speed. Although named a [black box](#), it is actually an orange or yellow-colored box. It is located at the rear of the aircraft. It also records sound in the cockpit section of the plane. The information obtained from the black box is crucial for finding the cause of an accident.

### **5. What is the average speed of a passenger plane?**

A passenger plane has an average speed of 500 to 600 mph, and with this speed, a plane is able to pass over the entire Atlantic Ocean in approximately 7 hours.

## **References**

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