

Black Box

When a plane crashes, the first thing sought is the black box, because it holds information about the last two hours of the flight, contained in the flight data recorder and the cockpit voice recorder.

www.englishtreasure.asia

The inventor of the black box was David Warren, an Australian scientist whose father was killed in a plane crash in 1934 when he was only nine years old. In the 1950s, he invented the black box to help in crash investigations to reduce the risk of future accidents.

youtube.com/EnglishTreasure

Although it is called a "black box", it is actually orange to make it easier to find. The box is secured in the part of the plane most likely to survive a crash – usually the tail. Each black box is fitted with a location transmitter that works underwater and broadcasts for 30 days until the battery is exhausted. The box can withstand a direct impact of 500 km/h and tolerate temperatures up to 1,100 degrees Celsius. Only twice has the black box not been retrieved after a crash: the 2014 disappearance of MH370 and the planes that crashed into the World Trade Center in New York in 2001.

www.englishtreasure.asia

What are the two recorders in the black box?

youtube.com/EnglishTreasure

Why did David Warren invent the black box?

Why is the black box not actually black?