

# After nearly 60 years, the cause of the 747 plane has a big bump on its head

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1. Why do people often choose white to paint airplanes rather than other colors?
2. The reason the plane cannot fly into space



Since the 1960s, although the new Boeing 747 is in the development phase, it is already at risk of being outdated as people begin to excited with supersonic aircraft with the ability to move passengers from New York to Paris in few hours. Meanwhile, the Boeing 747 takes 9 hours to go the same way.

Therefore, Boeing had to change the design so that 747s could transport both passengers and cargo so that when it no longer served passengers, it would still be useful.

And for easy and convenient transport of goods, engineers decided to design a collapsible aircraft nose, turning it into a giant door.



But this design affects the cockpit, which is located on the nose. And the engineers had to adjust and supplement the tail section for the cockpit. This inadvertently causes the head of the engine to rise slightly and that is the hump we see today.

Later, Boeing turned the empty space behind the cockpit into a business-class customer with a full bar. But in 1973, the fuel crisis forced Boeing to continue adjusting, removing unnecessary things to add more seats to the cabin.

Over the years, the size of aircraft has increased greatly. The Boeing 747-8, the latest model of the Boeing 747 family has a long hump on par with the Boeing 737. Currently, the Boeing 747-8 is the longest passenger transport aircraft in the world with a length of up to 76 , 4m. We can easily recognize it thanks to our giant hump.

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