Air turbulence while flying is not as scary as you think

Air turbulence is caused by sudden vibrations of the aircraft when taking off and landing, moving in different directions. So air turbulence while flying is not as scary as you think.

If you ever **fly** , make sure you experience the effects of **air turbulence** : it is a sudden shake of the plane when taking off and landing, moving in different directions.

When you encounter air turbulence, you will feel like you have just stepped down from the plane for a few seconds - but in fact, they are **not completely dangerous** and if you learn a little bit about scientific phenomena behind the dizzying feeling in the air, it can make you **more comfortable** in the next flight.

Air turbulence can occur for many reasons such as changes in atmospheric pressure, narrow atmospheric flow, vortex of air around mountains passing through, cold or warm weather, thunderstorms storm. In addition, it can also occur when thunder clouds or clear sky.

But to better understand: why is it supposed to be dangerous? Air turbulence can cause injuries, especially if you do not comply with the instructions for wearing a seatbelt. Dangerous dangers that occur when air turbulence can make a modern passenger plane disappear from the sky.

First , although you can observe what is happening in the cabin, air turbulence does not have as much impact on the aircraft as you think.

" *Elevation, wing tilt and flight path will only change slightly when air turbulence occurs - in the cockpit, we will only see convulsions on the altimeter. Many cases can be uncomfortable. and uncomfortable but the plane could not fall* "**- Patrick Smith** - a pilot and author on aviation website **Ask The Pilot** wrote.

Secondly , all planes are specially designed, even they can withstand the most serious turbulence and pilots are well trained to deal with problems. there.

The pilot on that flight did not feel like a passenger but usually they would slow down a bit and adjust the altitude to avoid disturbance. Most of the turbulence will end in a short time.

Meanwhile, commercial aircraft are carefully inspected, even those that cannot be encountered in the air (*about 1.5 times the stress*), just like the outer wings are attached to the aircraft. that you can bend up to 90 degrees.

If intense turbulence occurs, it may cause you to spill a drink on your body but this is still within the plane's safety. So you don't need to be too scared.

Over the past five years, **the** *US Federal Aviation Administration (FAA*) has said that on average, fewer than 50 injuries occur each year due to air turbulence and most of them This is because flight attendants do not have seats and protection belts. Every year, about 800 million people in the US participate in flights.

" *The accidents of air turbulence are very rare, and if they do, it is simply because people do not wear seat belts or travel in the cabin. Those are unfortunate things, often due to Realizing that the aircraft is not safe, but in fact it is very safe, in fact, moving by car is far more dangerous than flights* "- atmospheric scientist **Todd Lane** at the University of Melbourne at Australia has said.

The good news is that aircraft systems can quickly detect changes in air pressure. In addition, the level of carbon dioxide in the air is higher, which is thought to cause instability.

Basically, if you want to avoid being affected by air turbulence, tie the seat belt when sitting down. And if possible, sit up - near the middle of the plane - gravity and gravity will help minimize the effects of air turbulence.

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