

Why does the phone have to be in flight mode when taking off and landing?

Why does the phone have to be in flight mode when taking off and landing? This is very important. Please join us to find out!

1. Pocket these 12 secrets to overcome the obsession of flying
2. Top 10 extremely interesting things on the plane may not know you
3. 10 strange things happen to the body when you fly

Before the aircraft took off and landed, the flight attendants always reminded passengers to **install the phone in airplane mode** because they could cause interference and affect the safety of the flight. This familiar announcement was told by flight attendants to passengers on thousands of flights a day. Most passengers strictly follow the announcement, but not 100% of passengers understand why the crew asks them to install the phone in airplane mode when the aircraft takes off and landed. .

Today, we will show you **why the phone must be in flight mode during takeoff and landing** . This is very important. Let's find out with us!

Switch to airplane mode to do?



When flight mode is turned on, your smart utility will turn off all data services (*Wi-Fi, GSM, Bluetooth, .*). To understand simply, your phone or tablet will now **stop working** as a signal receiver. If your smartphone has not been switched to airplane mode, the signals emitted from it may **interfere with highly sensitive electronic devices** , jamming the aircraft's navigation system and even Luce can cause a plane crash.

What if I don't use the phone?



When the smartphone is locked and you are not using it, it is still searching for the network and the **frequency of the phone may overlap the frequencies of the aircraft equipment** . Even if you think the " *sleep* " mode does not pose any threat, you should still switch to airplane mode. If your device does not have this function, just turn off the power.

Pilot **Patrick Smith** - the author of the book " *Cockpit Confidential - Secretly in the Cockpit* " said that the technical explanation is correct. Mobile phones may pose the potential to cause **disruption of the navigation system** . However, in practice this rarely happens.

" *It depends on the utility of the electronic device as well as how it is used / used ,* " said Patrick Smith.

Why is the phone so dangerous to operate?

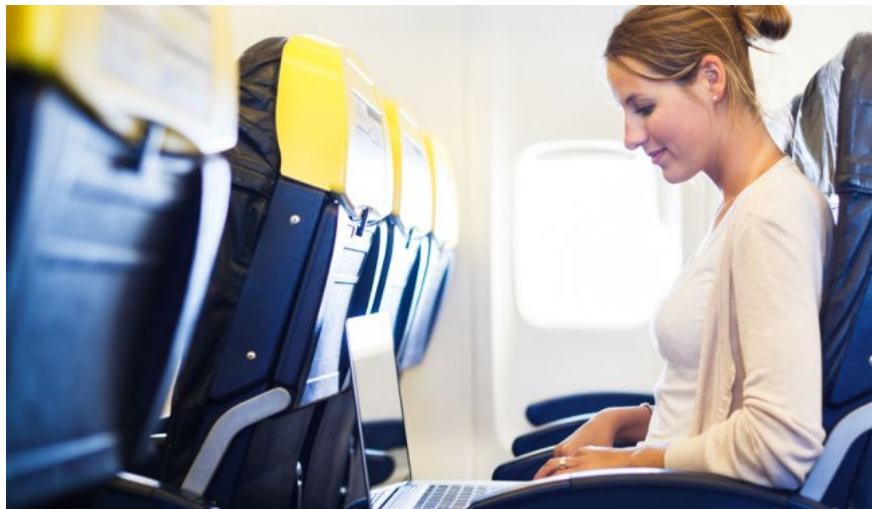


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As you know, the take-off and landing stages in flight are often the most difficult. During that time, the pilot needed **to coordinate their operations with the ground control center** . All this is done by the navigation system of the aircraft. Signals from electronic devices may interfere with radio communications and the pilot will not be able to hear information transmitted through the flow controller. This may lead to an emergency.

In addition, mobile phones and tablets equipped with mobile data will connect to mobile stations underground and always try to stay connected to these stations. If the connection station is too far away, the device will have to increase the signal to keep the connection. The connection process may **interfere with the sensitive navigation system on the aircraft** , causing errors and may affect the flight.

What electronic devices can be used on airplanes?



1. During the flight, you can **use any device that does not exchange data via GSM, Wi-Fi or Bluetooth** . For example: electronic clock (*not smartwatch*), camera, video camera, recorder, hearing aid, pacemaker .

2. Devices with data exchange functions can also be used at all stages of the flight, but **must be in flight mode** including smartphones and smartwatch, tablets, e-books , digital music / video players, etc. In addition, you can also use a laptop. If there is no flight mode, just turn off Wi-Fi.
3. You can only turn off airplane mode during flight stages (*usually a few minutes after takeoff*) and only after notification from the crew. However, after that, you don't do much in normal mode, right?

These lists and rules may vary depending on the airline. Please check on the official website before flying.

Conclude

Some active phones will not drop aircraft. But if everyone on the flight is actively using their device, there will be interference from the airline staff.

Please appreciate the work duties of others and should not create any unnecessary difficulties for pilots. After all, it only takes a few seconds to switch our phones to airplane mode. Enjoy your exciting trip!

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Having fun!

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