



## DGCA Cautions Airlines Against Fake Navigational Signals

The [Directorate General of Civil Aviation \(DGCA\)](#) issued an advisory to Indian airlines detailing mitigating measures to be taken in the **event of spoofing of (fake) navigational signals**, following incidents near the Iranian airspace and a U.S. advisory.

- [Global Positioning System \(GPS\) spoofing](#) is “the surreptitious replacement of a true satellite signal that can cause a GPS receiver to output an erroneous position and time”.
- In its circular, the DGCA has provided comprehensive mitigation measures which includes developing “**contingency procedures in coordination with equipment manufacturers, and assessing operational risk by conducting a safety risk assessment**”.
- The DGCA has also provided a mechanism for air navigation service providers to **establish a “threat monitoring and analysis network” for preventive and reactive threat** monitoring and analysis of reports of GNSS interference.

**Read More:** [GPS AIDED GEO AUGMENTED NAVIGATION \(GAGAN\), ISRO](#)

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