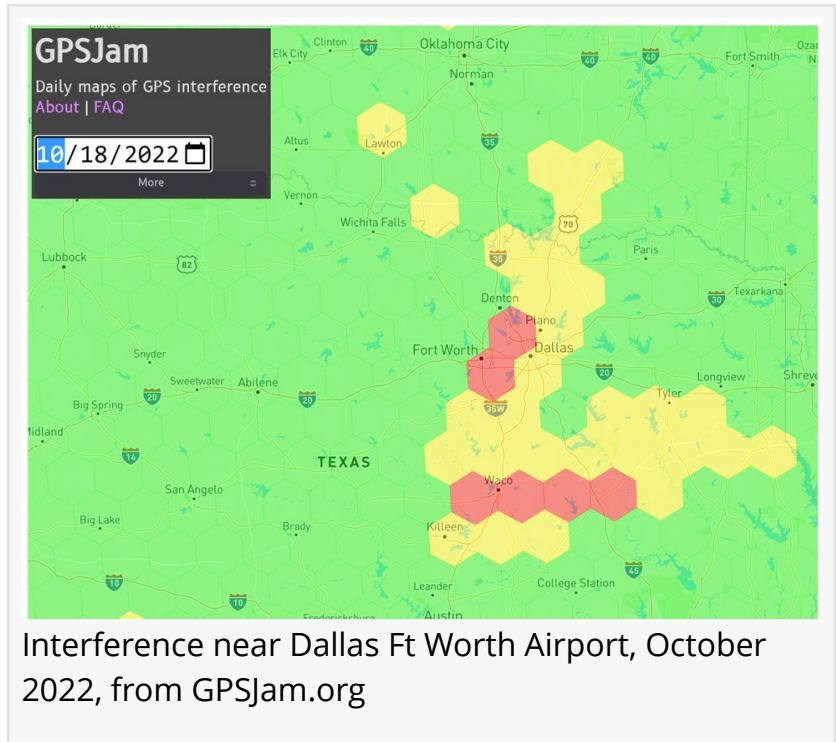


# Study – ‘GPS Disruptions in Aviation Show Importance of Backups. U.S. and Europe may be headed in the wrong direction’

*To thwart increasing GPS jamming, backups are needed for flight AND ground operations.*

ALEXANDRIA, VA, UNITED STATES, June 4, 2024 /EINPresswire.com/ -- In a recently released paper, the respected analytics firm London Economics determined that the presence of backup systems at the Denver and Dallas Fort Worth airports prevented any noticeable impacts to air travel despite each having experienced a disruption of GPS signals for 24 hours or more. By contrast, recent GPS interference at an airport without a backup system caused scheduled air service to be cancelled until a GPS alternative was established.



Also important to the lack of impact at Denver and Dallas was that the signals interfering with GPS, with a few minor exceptions, only impacted aircraft in the air.

GPS is essential for safe and efficient movement of aircraft and support vehicles on the ground at airports, transport of crews, passengers, supplies, and cargo to and from airports, communication systems, and numerous other services.

Previous work by London Economics has shown that disruption of GPS for these ground functions would likely cause numerous flight delays and cancellations. Delays in arrival of flight crews, passengers, and supplies, for example, would quickly upset flight schedules. If this happened at a major airport like Denver or Dallas Fort Worth, disruptions could ripple through the entire air transport system. Wide-spread delays, cancellations, and schedule adjustments would bog down air travel across the nation, if not the world.



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## About the Resilient Navigation and Timing Foundation

The RNT Foundation is a public benefit, scientific and educational charity advocating for policies and systems to protect GPS and GNSS satellites, signals, and users. For more information, visit [www.rntfnd.org](http://www.rntfnd.org).

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