

Airspace Situational Awareness System

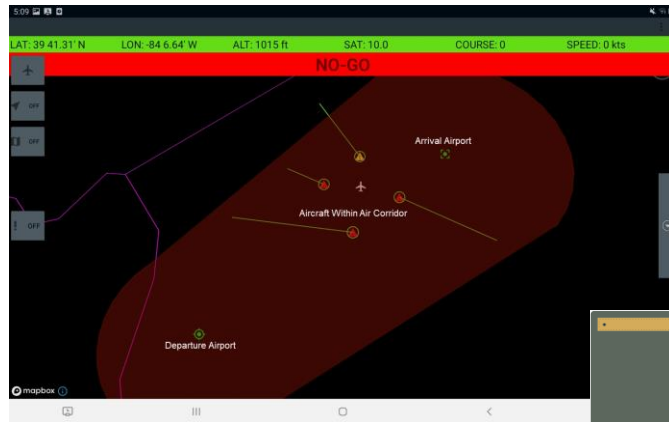
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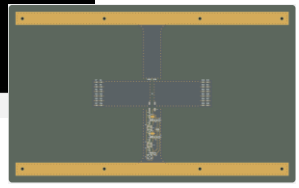
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Airspace App and Custom 1090MHz Antennas



Custom Antennas for Improved ADS-B Reception



Open Architecture Airspace Awareness Application

Description

- Receives air traffic from sensors and fuses the information for display on a tablet, phone, or computer. The user can create a flight corridor and view potential conflicts by altitude, time, and speed.
- The system is an open architecture and use readily available technology so a system can be deployed for approx. \$1K depending on use case.
- The technology can be stand alone or incorporated with other sensors.
- TRL 7: Undergoing user testing in an operational environment.

Benefits and Potential Customers

- Benefit: (1) Provides situational awareness with light predictions of airspace conflicts and a visual representation of the flight corridor both vertically (not shown) and horizontally. (2) Our antennas provide exceptional range and can be used with most readily available ADS-B receivers.
- The software and antennas are being tested in an operational environment by end-users. (1) We are seeking additional users to test and provide feedback. (2) We are seeking additional customer who would like the application tailored to there use cases.

Airspace Management <input checked="" type="checkbox"/>	Command & Control <input checked="" type="checkbox"/>	Comms <input checked="" type="checkbox"/>	Power & Energy Storage <input type="checkbox"/>	Propulsion <input type="checkbox"/>	Sensors & Awareness <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
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