

AirMap Demo Software Overview

Strategic Air Navigation Visualization

The AirMap Demo App is a React + Mapbox + TailwindCSS web application designed to demonstrate strategic air navigation visualization. It is a ****non-operational demo**** that can be extended with real-time data, geofencing, and advanced features.

This overview provides a quick look at the core functionality and intended use cases.

Key Features

- Interactive map interface using Mapbox
- Example airports plotted (JFK, LAX, ORD)
- Example flight route visualization (GeoJSON)
- TailwindCSS-based responsive design
- Ready for integration of zones, air corridors, or drone paths

Technical Setup

1. Install dependencies: `npm install`
2. Add a Mapbox API token in `.env` file
3. Run with: `npm start`

The project is structured for easy customization and expansion.