Inform and educate people with the most flexible and understandable flight tracking website

Our public flight tracking website is easy to use and provides powerful tools to help residents understand why airplanes fly where they do and self-investigate aircraft events.

As a web-based application Casper Flight Tracking is easily accessible on PC, laptop and tablet. Casper Flight Tracking has an outstanding visual presentation of the information and it provides local communities with understanding and insight. The software runs on a hosted server and includes modules for aircraft noise monitoring, track monitoring and complaint management.

Key Features

- Real-time flight track and noise data
- Static flight track display based on user defined time of day
- Built in PCA calculation based on user defined location
- Additional information through pictures and charts
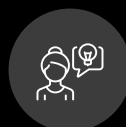- Multilanguage support for flight tracker and complaint form
- Integrated with complaint module

BENEFITS

- Share information on noise and flights
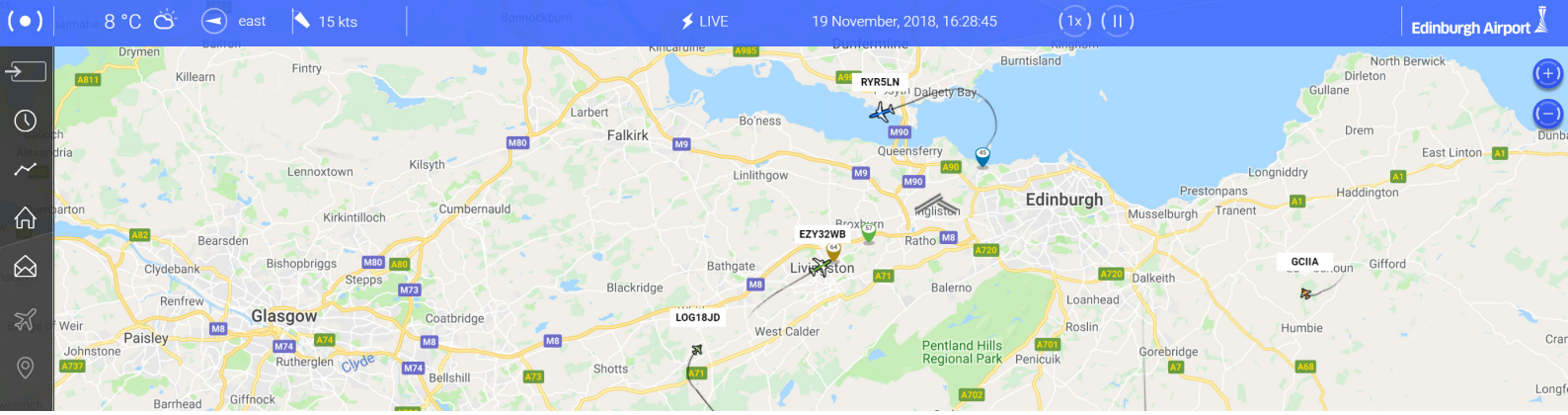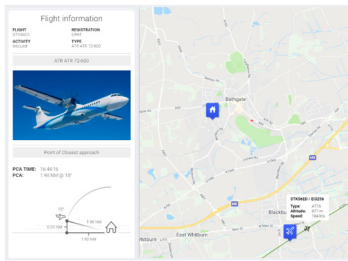- Intuitive and easy to use
- Designed for mobile devices
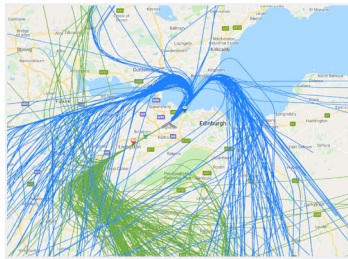- Flexible and configurable
- Cloud based

Casper Flight Tracking displays smooth flying aircraft using a wide range of different icons and sizes. Measured noise from NMTs is displayed on the map to relate it to the aircraft movement. Additional information on the flight is provided for better understanding. A trend graph shows the noise environment over the last five minutes at the NMT.

Home Investigation

Casper's built in PCA calculation tool automatically calculates the Point of Closest Approach based on the address entered into the address locator, or alternatively it can use the GPS position provided by the user's device. When a user selects an aircraft on the map the PCA display appears and the PCA is calculated and displayed. As the aircraft's position changes the PCA display updates in real-time to reflect the new position data.

Static Flight Tracks

Casper Flight Tracking includes a static flight track display, which is based on a user defined period or flow. The static tracks displayed are the actual tracks from the date selected by the user in the flight tracker. The user can choose to display only flight tracks associated with their airport or see all flights, including those to other airports. They can also adjust the color of the tracks to reflect the airline, altitude or flight type.

Complaint Submission

Casper's Flight Tracker includes an optional complaint submission module which allows users to submit complaints about a specific aircraft or file a general complaint using the customized complaint form. The form auto populates data from the flight selected and remembers the user's details. Complaint data is automatically added to the Casper Noise database and correlated instantly to the real-world event.

Multi Language Support

Casper's flight tracker includes multi-language support for the web page and complaint form. This helps airports better outreach to non-English speaking communities and ensure their concerns are heard. When a user launches the webpage for the first time they are presented with a welcome screen that allows them to select their language preference. The user's selection is stored on their computer so the next time they access the site the site will automatically launch in their preferred language. The airport can specify which specific languages they wish to support. Currently supported languages are English, Dutch, French, German and Spanish.

Casper is an innovative provider of data analysis tools, transforming air and ground traffic data into valuable information and sharing this via our web solutions.

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