



GE Aerospace

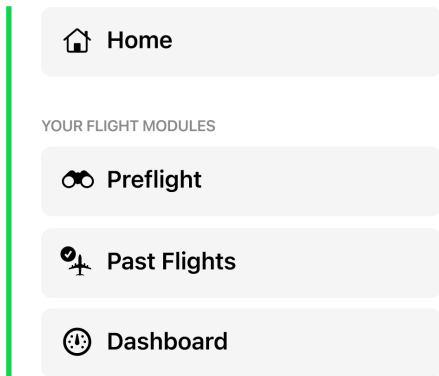
FlightPulse®

Quick reference guide on key features and how to navigate



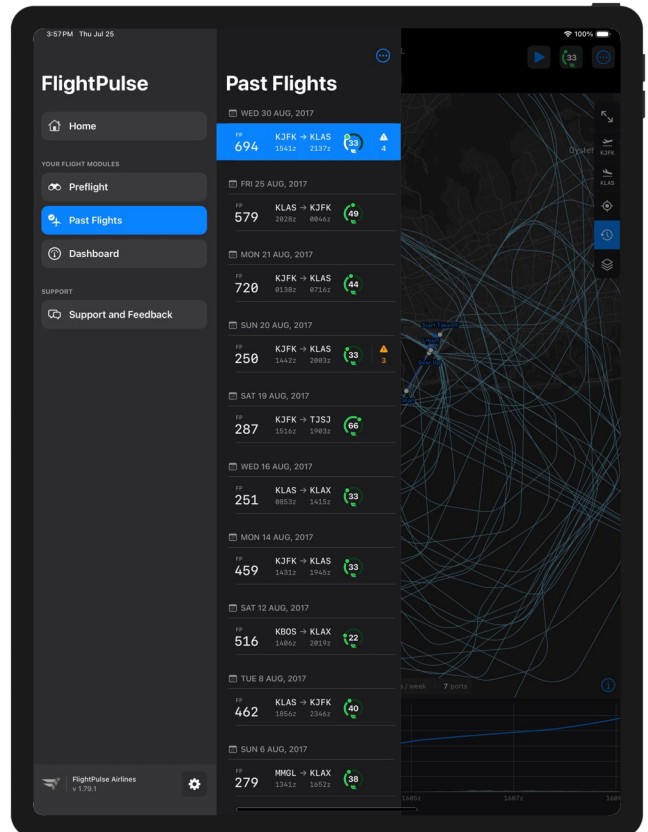
FlightPulse® is a tool to support decision-making through historical data. It is not an operational application.

The latest version of FlightPulse® has four key sections:



Navigation to each of these sections is performed centrally via the app’s menu. The sidebar has 2 levels, one to navigate between sections and one to navigate within a section.

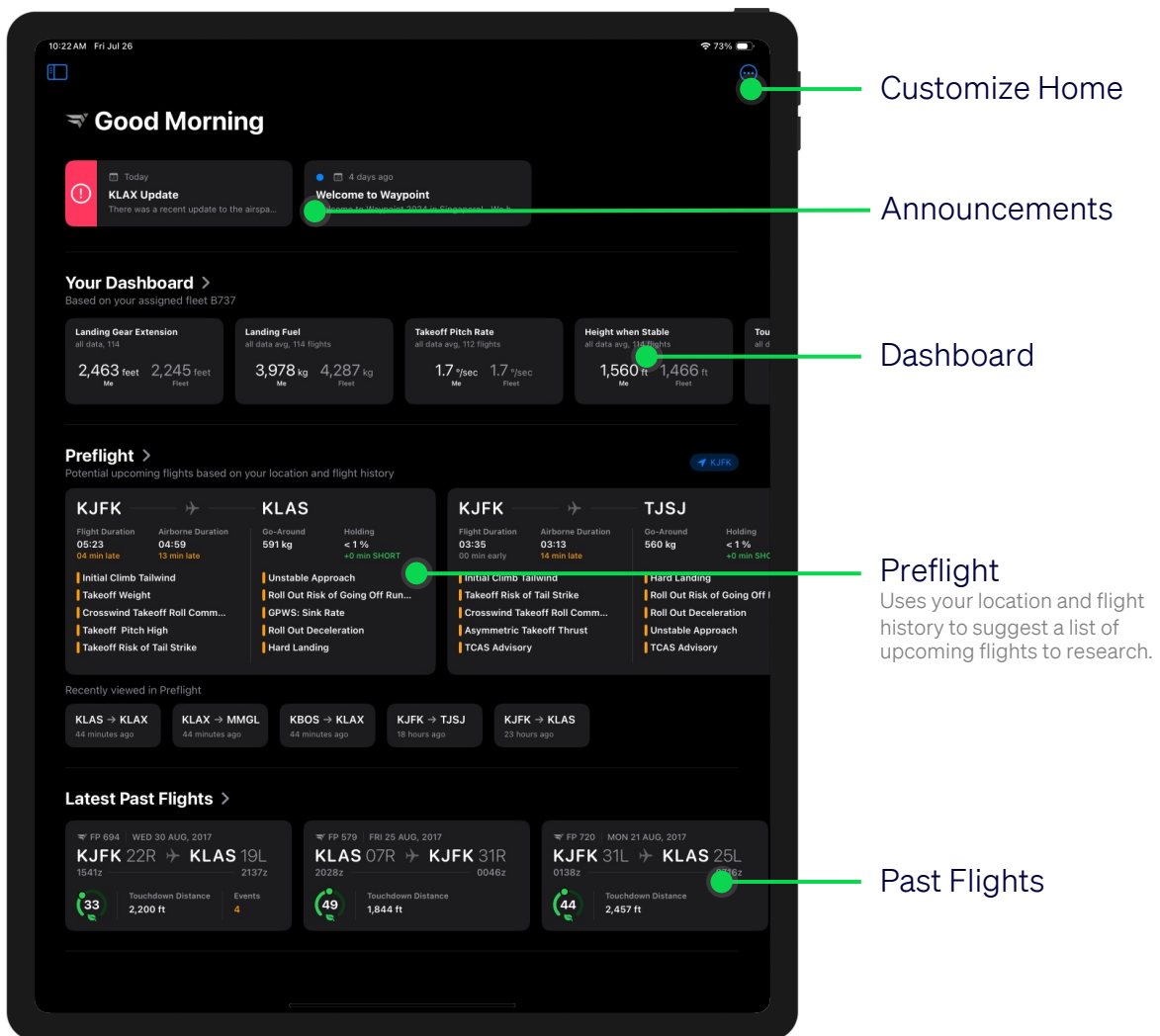
TIP: Since there are two levels, you can collapse either one by using the arrows.



The Home section summarizes your FlightPulse® experience.

When you first open FlightPulse® you will be taken to the Home module. Home contains all content from your subscribed modules and enables quick shortcuts to get to the answers you need.

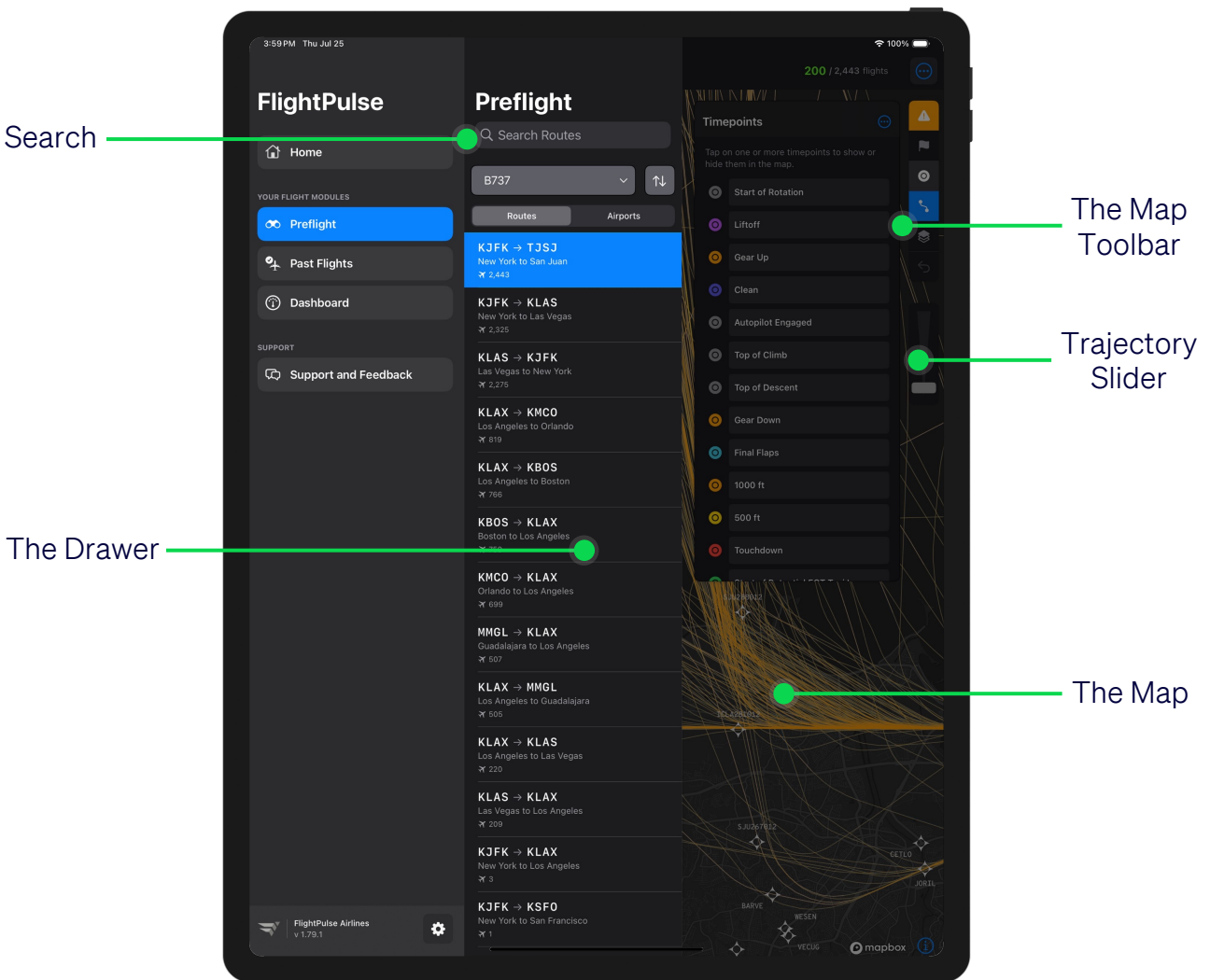
Home is also where you will find 'Announcements', which will enable you to receive updates from your FlightPulse® administration team about the latest content they've deployed to the app.



The Preflight section supports flight preparation.

This section of FlightPulse® introduces an interactive map that enables pilots to visualize the flight paths that have occurred under similar conditions, gain a better understanding of the airspace as it relates to those weather conditions and ATC tendencies, and explore historical safety data related to a specific airport or route.

With Preflight, pilots can also filter their data by runway, weather conditions, month, day of the week, and/or hour to match their upcoming flight conditions.



Search

First, select the route or airport of interest. If you already have a city pair or airport in mind, enter this in the search bar — the list below will dynamically populate with the most relevant results. To browse the full list, toggle between results and change the sorting order via the setting at the bottom left of the page. To change your search, tap and modify either of the ICAO codes listed at the top of the page.

The Drawer

Now located in a floating modal that allows for more screen space for the map, the drawer enables further selections to activate filters, display safety event information, and examine topical briefing considerations for the airport or route.

The Map

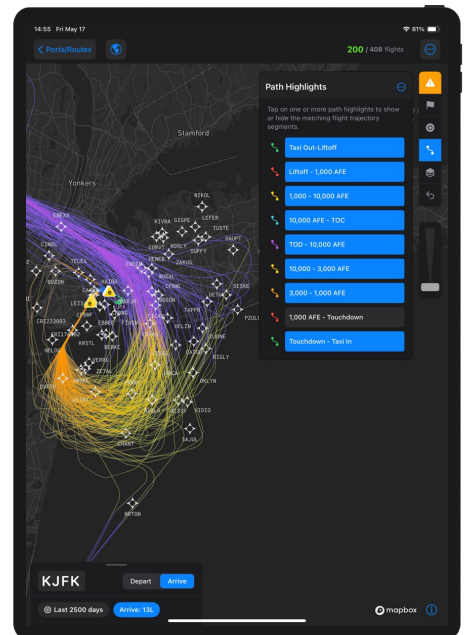
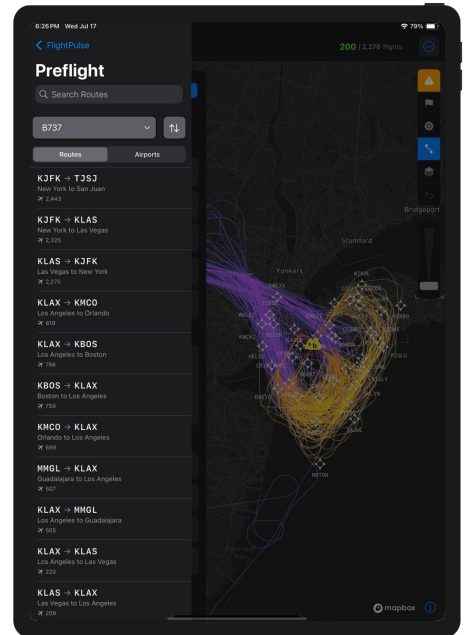
When an airport or route is selected, the map will zoom in on the area that captures the historical trajectories available for it.

The Map Toolbar

This menu of options controls how trajectory data is displayed on the map. The list of selections available within each option is configurable by your FlightPulse® administrators and multiple selections can be applied simultaneously.

Trajectory Slider

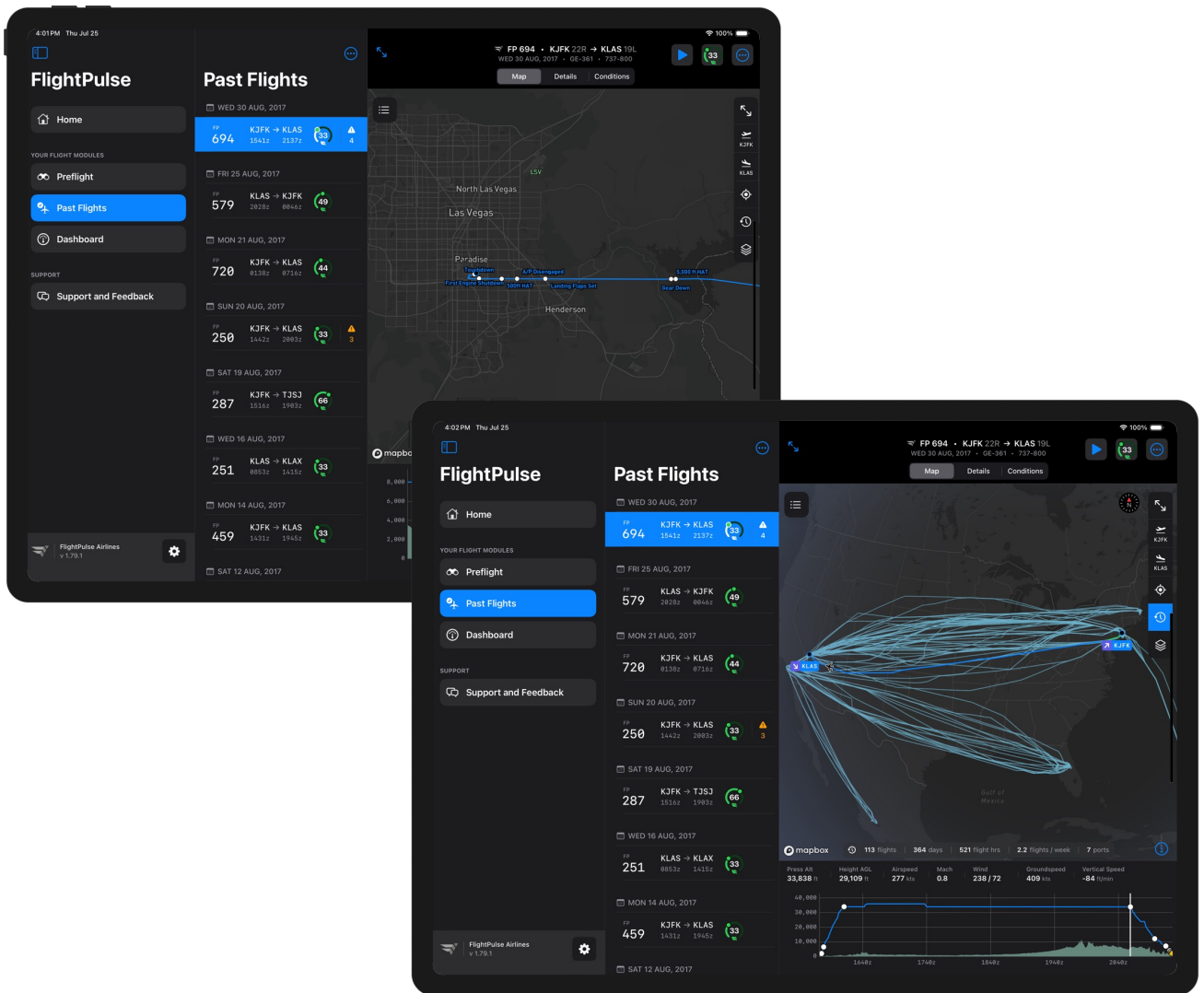
Move this slider up or down to control the number of displayed trajectories. The number of trajectories can be noted on the slider or at the top right of the screen. This will show the number of displayed flights over the total number of flights available in the database for that airport or route, per the applied filters.



The Past Flights section can be used to review your individual flights.

This module provides secure access to data from a pilot's individual flight history, allowing you to analyze your own operation of the aircraft in relation to peers and self-discover areas to optimize operations and efficiency.

When selecting a flight, the various features within the page provide focused, contextual information to provide details of the conditions at the time.





Past Flights

Flights Inbox

The Flights Inbox is a collection of your recent flights. Flights that lack QAR (Quick Access Recorder) data, or are awaiting processing, will display with hashed lines. The Flights Inbox can be dynamically searched by swiping it downward, and then entering related information like flight number or airport.

The Map

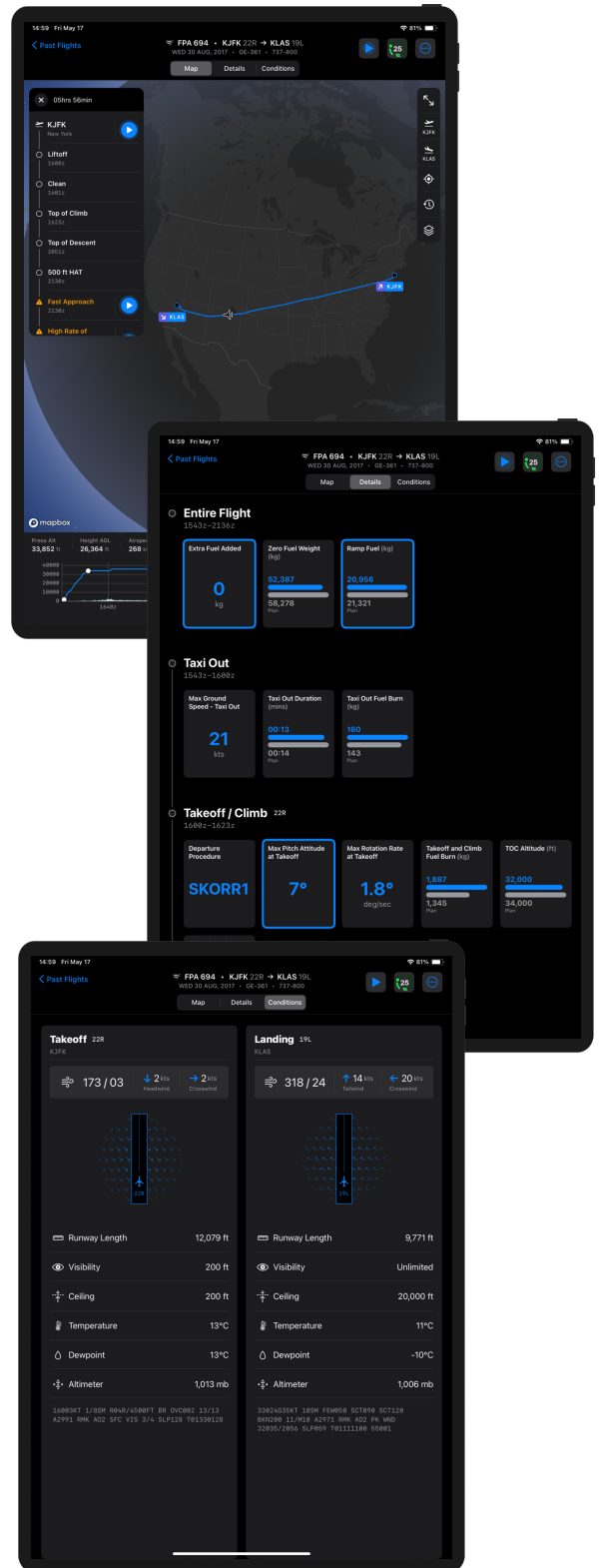
The Map displayed in the Flights Page overlays the planned (when available) and actual flight paths, as well as key timepoints and measurements from throughout the flight. The Map contains a toolbox which can be used to make it full screen, zoom in on departure/arrival, or change between light and dark mode or satellite view.

Overview

The Overview section displays measurements that are organized by Phase of Flight. Each measurement has a single visualization associated with it. Swiping to the right reveals subsequent phases of flight. Scrolling below reveals more measurements within a phase of flight.

Conditions

The Conditions section shows the relevant weather conditions observed at the time of takeoff and landing.

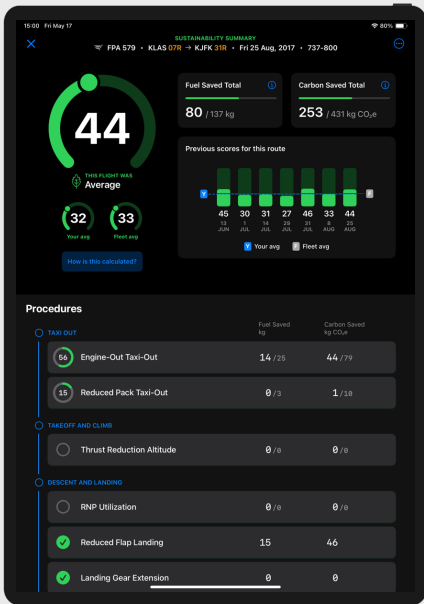




Past Flights

Additional Past Flights Features

May not be available for all FlightPulse@ Users



Sustainability Summary

The Sustainability Summary allows you to assess your own sustainability contributions via action taken against operational efficiency initiatives on each flight. Compare the amount of savings generated by your own sustainable flying practices with those of your peers on the same route and trend your own contributions over time for different procedures.

Animation Module

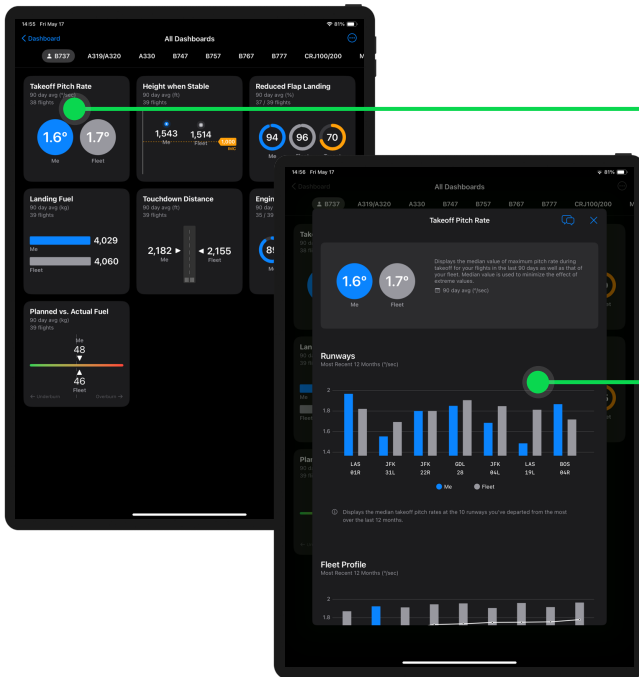
The Animation Module introduces a playback feature which allows you to review any flight in the Past Flight module with the context of the flight deck instrumentation you're most familiar with. Debrief on safety events or interesting approach scenarios by generating a private, interactive 3D recreation of the flight conditions to get a clearer understanding of what you might seek to improve on future flights.





Dashboard

The Dashboard section can be used to review aggregate performance and compare how you operate the aircraft relative to your peers.



Topic Summary Cards

Topic Summary Cards contain high-level snapshots of aggregate information about recent performance compared to an individual's peers.

Topic Details

Topic Details can be accessed by tapping on any of the Topic Summary cards. The Topic Details contain multiple data visualizations and descriptions to provide more context about the topic itself.

Quick FAQs

Where does the data come from?

The majority of data in the app is collected from aircraft sensors and is then combined with data from various sources, before being displayed in the app! You can see when your flight data was last updated on the Settings page.

What is available offline?

All app features are available offline, except un-cached animation and Preflight data. Browsing to items before going offline will load them into the device cache, allowing you to access parts of content that were previously viewed while using a stable internet connection.

Who can see my data?

You can only see data for any individual flights that you operated and only you will have visibility of your averages (in the Dashboard and Past Flights module). FlightPulse® does not allow access to flights where you were not part of the operating crew.

Settings

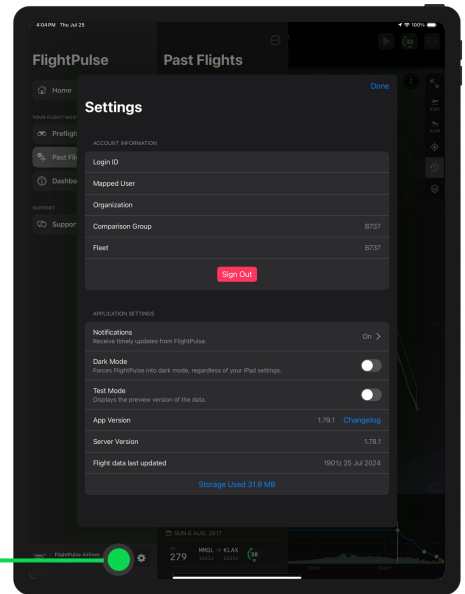
The Settings page can be accessed from the gear icon at the bottom of the main module sidebar.

It contains functionality for:

- Logging out
- Dark mode
- Reporting a problem

It also has information about:

- Your app version
- When your flight data was last updated
- And a link to more information about FlightPulse



Support & Feedback

Login Issues

If you're not able to login or need to update your iPad to access FlightPulse, please contact your EFB support team.

Data Issues

If you're seeing data that is inaccurate or isn't showing up, use the "Report a Problem" button in the Settings page.

Feedback

FlightPulse supports the ability to screen capture and send feedback in every module. The dialog box icon in the top right corner generates a feedback submission window and attaches an image of the current screen in the app. You can use the iOS Markup feature to draw and make comments on the screen capture itself prior to submission.

