Osprey Flight Solutions

A new age for aviation risk management

Osprey:Sentinel

Keeping you on the right flight path

Introduction

Osprey:Sentinel allows users to automatically monitor and be informed when a flight within their operation, and any relevant codeshare flights, breaches a Prohibition or Advisory as outlined by 7 regulatory bodies (US FAA, UK CAA, Canadian CCA, French DGAC, German LBA, EASA and UAE GCAA).

What will be covered:

- How to be informed and monitor correctly
- How to view flights affected including filters
- How to see advisories/prohibitions by regulator

How To

Be Informed And Monitor Correctly

To ensure you are monitoring correctly, you will need to allocate settings to your flights.

Click the cog icon in the top right-hand corner of the **flight** screen. Showing two tabs; Inform (what we will tell you) and Monitor (when we will tell you).

Inform will indicate what you will be told about any breaches. You can toggle on any of the 3 areas, Client Defined, Prohibition & Advisories.

You can then indicate how frequently this information is sent to you via email. It can be:

- switched off (never),
- sent through as soon as a breach is indicated (Immediate)
- a one-page summary sent through at 0100 hours the next day (Daily Summary)

Monitor indicates which regulators you wish to see. You can tick all or only the regulators that are of concern to your operation. You have the option to add additional codeshare flights by clicking Add Codeshare and filling in the Flight Number and the Codeshare operator. Once entered, please ensure you tick the boxes for the relevant authorities.

By clicking save your landing page will then indicate to you the settings you have selected.

View Affected Flights

The Flights landing page for :Sentinel shows your operations listed on the left-hand side. Split into 3 areas, **Client defined, Prohibitions and Advisories**. (The list will only indicate the parameters listed in your settings, see "*How to be informed and monitor correctly*" for details on how to do this.)

- The numbers shown indicate your operations breaches. The first value is filtered according to the configuration of your settings. The second value is the total number of breaches detected for the current flights planned or airborne.

Once selected, a modal will appear. At the top is the flight detailed as Flight Number and departure to arrival airports.

- Flights indicated in **green** have been manually added to the Codeshare section for monitoring. (See "*How to be informed and monitor correctly*" for details on how to add flights.)

Review your flight breaches using 3 different filter options (Country, Airport and Authority) in the top left of the screen. Note: The displayed Countries and Airports are only relevant to your operation; therefore, we will only display the Countries and Airports you are departing from or arriving at, reducing the amount listed on each.

Once a filter is applied, the review of flight breaches will change, giving you a clear indication of which flights need to be focused on.

Click on the flight you wish to see details on.

A modal will appear. At the top is the flight selected and shows the Flight Number and departure to arrival airports as an ICAO code.

- Each breach will be indicated on a map. This map shows the shape of the areas for each regulator.

- On the right-hand side of the modal, you will be able to filter by regulator. This will dictate what map you can see AND by clicking on Advisories, which breach is being indicated.

- The map will show the geolocation and will be overlaid with a route string.

- The second tab (Advisories) details the breach from the regulator. By filtering, you can see the breaches that are more relevant to you.

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The **advisories** tab shows the type of information being indicated, i.e. Advisory, Prohibition or Client-defined. It highlights:

- the Tag or Name this has been given
- the dates of issue and valid until
- the authority, a small description
- the altitude at which the flight in question interacts with the breach

By clicking on the advisory an expanded information section will appear showing you further indication of the regulator's comments.

The final aspect of this (Flights) page is the right-hand column, which shows you the latest advisories from all regulators as standard.

See Advisories and Prohibitions by Regulator

By clicking on the **Advisories page**, you can look at which advisories have been published, where they are located and a full description to better assess FIR's and countries based on notices.

1. The top of your screen will have a drop-down menu. By clicking here, you can run through the following regulators:
   - US FAA
   - UK CAA
   - Canadian CCA
   - French DGAC
   - German LBA
   - EASA
   - UAE GCAA
   - Client Library

2. Once the relevant regulator is selected, you will be able to see a list of the notices referencing the following:
   - Tag (country & FIR).
   - Reference of that publication.
   - The Authority issuing the notice.
   - The valid from and to dates.
   - A summary of the notice.

On the right-hand side of the screen, a map will show areas of Prohibited and Advised space based on the notice and the location that have been published by that authority. If the colour appears as **Orange**, this indicates that both an advisory and prohibition sit in that area.

- The client library section from the drop down will show as areas of your operation that are no go.

- These can be controlled by the user with the relevant permissions and can be switched on and off when needed.

- These are listed with a country, description, and minimum altitude level as standard information to enter.

- A tick box listed as Active will show the space as either hatched or greyed out depending on the requirement of the users.

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Conclusion

By utilising Osprey:Sentinel your operations can have a better understanding of their flights and where breaches are being detected. You can see these in real-time from the dashboard once logged in, or you can be informed via email notification.

The first step in ensuring all information is being captured is for Osprey to be able to monitor your flights automatically. See relevant articles for a guide to integration.

Related Content

- Osprey:Sentinel Training Guide

- Osprey:Pulse Article