JEPPESEN.
A BOEING COMPANY

FliteDeck Pro

User Guide

Release Version 9.1 for Windows

FliteDeck Pro User Guide
Release Version 9.1 for Windows

Jeppesen
55 Inverness Drive East
Englewood, Colorado 80112-5498

Document ID: FliteDeck_Pro_9.1_User_Guide
Document Revision: 1.0
Document Date: July 2018

Contents

Introduction to FliteDeck Pro

Before you get started with FliteDeck Pro, review technical support options. Also review system requirements, what to know when updating, and what to do to ensure proper connectivity when using the app.

Topics:

Additional references

Jeppesen provides detailed, task-oriented training and documentation on the Jeppesen Customer Support Portal page for FliteDeck Pro.

Help is also available from within the app. Tap **Settings** on the FliteDeck Pro toolbar and then tap **Help**.

Technical support

Jeppesen provides product support 24 hours a day, 7 days a week.

North America Toll–Free: 800–537–7225
United States Direct: 303–328–4170
United Kingdom: 44–1293–842407
Australia: 61–73105–9450
All Other International: 49–6102–507004
Email: navsupport@jeppesen.com
Online support: https://support.jeppesen.com

Compatibility statement

The minimum operating system for FliteDeck Pro 9.1 is Windows 10, version 1703.

FliteDeck Pro 9.1 has been tested and is compatible with the most recent update to Windows 10, version 1803. Microsoft strongly recommends that all Windows 10 devices be updated to the latest version.

Jeppesen applications are continually modified to improve performance and to be fully compatible with the most recent Windows updates.

For any updates to this compatibility statement, go to the FliteDeck Pro Windows Customer Support Portal page.

Devices supported

FliteDeck Pro is compatible with certain mobile devices that run Windows 10.

Among these devices are the Panasonic Toughpad and the Microsoft Surface 3, Surface Pro 3, Surface Pro 4, New Surface Pro, and Surface Go.

Display resolution

FliteDeck Pro requires an effective display resolution of at least of 800 pixels at a display scale of 150 percent, which the default display settings on most Windows devices usually meet.

When a device does not meet this resolution requirement, the FliteDeck Pro display might appear to be cut off.

Note: Using FliteDeck Pro in Desktop mode might also adversely affect the appearance of the app. Always use FliteDeck Pro in Tablet mode.

1. To check the effective display resolution on a device, tap the **Settings** button on the Windows home screen.

2. Tap **System**.

3. Scroll to the bottom of the Display page and tap **Advanced display settings**.

   This page shows the resolution of the device.

4. Divide the smaller of the two dimensions by 1.5.

   This yields the effective display resolution. See the following examples:

   The resolution of a Surface Pro 3 is set to 1920 x 1280 pixels: 1280 ÷ 1.5 = 853.

   The resolution of a Toughpad is set to 1920 x 1200 pixels: 1200 ÷ 1.5 = 800.

Deployment considerations

FliteDeck Pro is released through your system administrator.

Only one version of the app can be downloaded to your device at a time. Jeppesen recommends that you force-close the FliteDeck Pro app before updating to a new version.

The FliteDeck Pro app and data, including data updates, need 2–6 GB of available storage capacity. The variability in the storage capacity requirement is related to the size of your coverage area. Any additional data, such as Airport Moving Map (AMM) or supplemental enroute data, also affect storage requirements.

In addition to these requirements, the device requires 4 GB of memory for optimal performance.

What is preserved when updating

You can update FliteDeck Pro from one version to another.

The preserves the following information:

- Customized FliteDeck Pro global app settings under user control, including registration and account information.
- Saved flights.

Connectivity considerations

Downloading FliteDeck Pro requires a reliable Wi-Fi or cellular Internet connection.

You need an Internet connection to download various information, such as data updates and Organized Track System data. You also need the Internet connection to load new routes sent from a flight-planning system, download weather, and refresh the list of ATC-cleared routes.

In addition, FliteDeck Pro displays ownship position based on the built-in GPS or on an external GPS device. The minimum GPS accuracy to display ownship position is:

- Enroute map – 600 meters.
- Approach charts – 200 meters.
- SID and STAR charts – 200 meters.
- Taxi (10–9) charts – 25 meters.
- Airport Moving Map – 45 meters.

To alert you when the GPS minimum is not met, for example, if you lose connectivity with your GPS device, FliteDeck Pro:

- Displays an amber badge on the **GPS Status** button on the toolbar.
- Removes the ownship symbol from the map or chart (if you elected to show this symbol in Settings).
- Removes the Present Position option from the map.

Using internal GPS

If you are using the internal GPS on your device rather than an external GPS device, make sure that the internal GPS and location service are turned on in Windows settings.

To turn on the internal GPS:

1. Tap the **Settings** button or **All Settings** in the Action Center.
2. Tap **Network & Internet**.
3. Tap **Airplane mode** from the **Network & Internet** menu.
4. Switch **GNSS** to ON. This option appears when a GPS driver is installed on the device.

To turn on the location service:

1. Tap the **Settings** button or **All Settings** in the Action Center.
2. Tap **Privacy**.
3. Tap **Location** from the **Privacy** menu.
4. Switch **Location services** to ON.
5. Under Choose apps that can use your precise location, switch **Jeppesen FliteDeck** to ON.

Allowing location and GPS access

FliteDeck Pro requires your device location.

If you turned off location services on your device, you can turn on this service for FliteDeck Pro using the Windows privacy settings. Similarly, if you turned off Bluetooth on your device, you can turn it on for FliteDeck Pro to use an external GPS device.

To turn on location services for FliteDeck Pro:

1. Tap the **Settings** button or **All Settings** in the Action Center.
2. Tap **Privacy**.
3. Tap **Location** from the **Privacy** menu.
4. Under Choose apps that can use your precise location, switch **Jeppesen FliteDeck** to ON.

To make sure that FliteDeck Pro is visible to an external GPS device:

1. Tap the **Settings** button or **All Settings** in the Action Center.
2. Tap **Privacy**.
3. Tap **Other Devices** from the **Privacy** menu.
4. Under your Bluetooth device, switch **Jeppesen FliteDeck** to ON.

About aircraft interface devices

Using an aircraft interface device (AID), you can quickly and consistently transfer your GPS position between the aircraft onboard data system and FliteDeck Pro. When your device is connected to an AID, the GPS data from the AID overrides any other internal or external GPS source.

AID setting

In the Account Info section in FliteDeck Pro settings, the **Data Source Selector** displays the AID to which you can connect. Currently, you can use the navAero UAID or the Teledyne GroundLink® AID+ withFliteDeck Pro for Windows. The default setting is None.

Note: Operators might be required to get authorization to use this feature.

FliteDeck Pro displays the source of your GPS data on the **GPS Status** on the toolbar.

Antenna offsets

FliteDeck Pro displays the ownship position relative to the nose of the aircraft. To ensure the accurate depiction of the ownhsip position, any offset between the GPS antenna and the nose of the aircraft must be accounted for. Your administrator might configure the app to account for this offset value automatically. If not, you can enter the offset value (in centimeters) for your aircraft in FliteDeck Pro settings.

Note: Antenna offset values are applied only when your FliteDeck Pro is connected to an AID and an offset value is available to the app.

Getting started

Before you start using FliteDeck Pro, you can review touchscreen gestures, customize some of the settings, get acquainted with the layout of the app, and learn where to find key features.

Topics:

© 2018 Jeppesen, All Rights Reserved

About basic touchscreen gestures

Use basic touchscreen gestures to interact with FliteDeck Pro.

| Pinch to zoom	Zoom in and out of the display by moving your thumb and finger in a pinching gesture.
Touch, hold, release	To view more information about an object on the enroute map, touch, hold, and then release it. For certain types of objects, you can add them to your route or, if they are already part of the route, remove them from the route.
Double-tap to zoom out	When you have zoomed in on a terminal chart, the Airport Moving Map, or enroute map, double-tap to zoom out again.
One-finger swipe to pan	Swipe one finger to pan the enroute map, the Airport Moving Map, and terminal charts. You also use one finger to scroll through the Selected Charts bar when the number of charts extends beyond the edge of the screen.
Two-finger swipe to navigate through terminal charts	Swipe two fingers to flip through your selected terminal charts, similar to flipping through pages in a book. Depending on your zoom level, you might need to pan to the edge of the chart to swipe to the next chart.

Overview

FliteDeck Pro makes it easy to access the functionality you use most.
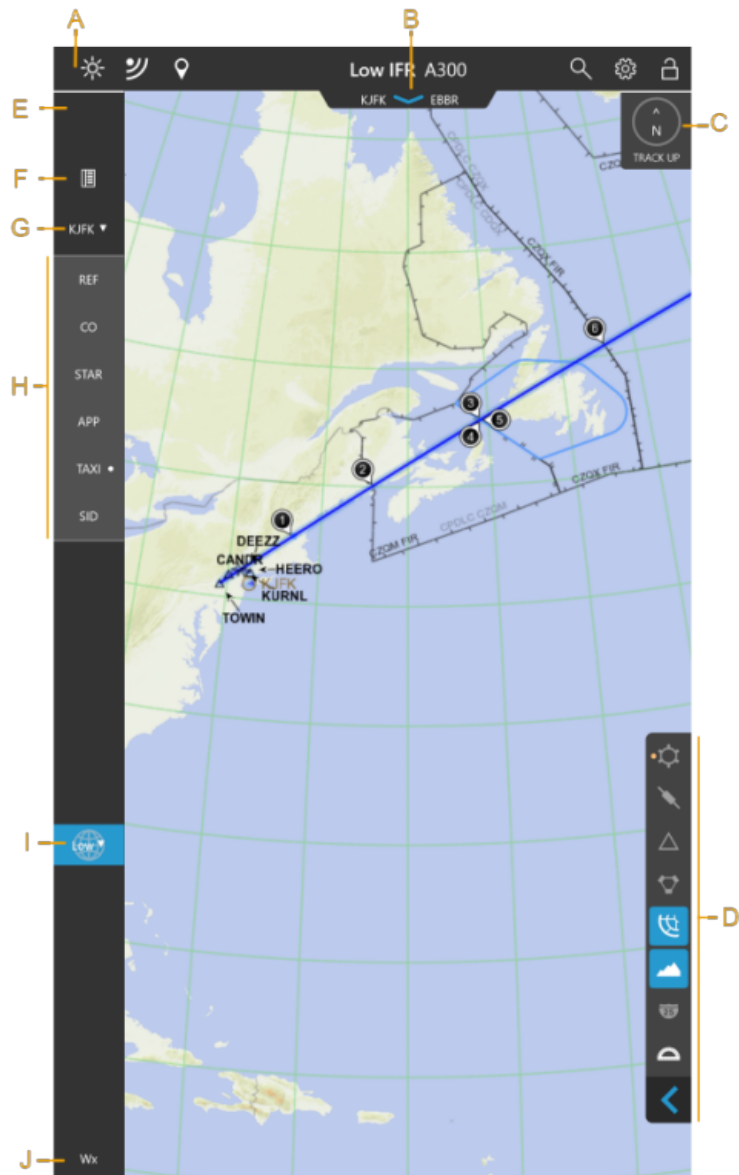
A	Toolbar.
B	Flight Info drawer tab. To open and close the Flight Info drawer, tap this tab.
C	Map orientation button. To change between North Up and Track Up orientation, tap this button.
D	Enroute map filters. To show and hide objects on the enroute map, tap these filter buttons.
E	Control bar.
F	**Notes** button. When you are viewing the enroute map, tap this button to see the Route list or the Publications tab. When you are viewing a terminal chart, tap this button to display Terminal Chart Change Notices.
G	**Airports** button. This button shows the selected airport. To view your route airports when viewing or selecting terminal charts, or to search for any airport, tap this button.
H	Chart category buttons. To view and select terminal charts for the selected airport and add them to your selected charts, tap a terminal chart category. The dot next to a chart category button means that selected charts within the category are associated with the active flight.
I	**Enroute Theme** button. To select the enroute theme (High IFR, tap this button, Low IFR, or VFR). The button shows the current selection.
J	**Weather** button. To see weather overlaid on the enroute map or to see METAR/TAF information when viewing terminal charts, tap this button.

About the Route list

The Route list displays objects that are in or intersect with the route corridor. The top of the list corresponds with the beginning of the route.

Objects with operational notes are numbered when the object intersects the route corridor. The numbers start with 1 at the origin and increment as you progress toward the destination. When an operational note is associated with a permanent user waypoint that intersects the route corridor, the note is identified with the label *Off Route*.

You can scroll the list by dragging your finger up and down. You can also set the list to scroll along with the moving map.

> **Note:** FliteDeck Pro scrolls the Route list along with the moving map when **Enable Moving Map** is set to ON in global app settings and the GPS minimum requirements are met.

When the list scrolls, objects within a FIR boundary move up underneath the FIR row in the list. When the final object for that FIR scrolls under the FIR, the next FIR scrolls to the top.

If you modify your route, the Route list refreshes and any numbered notes along your route might be renumbered accordingly.

About the Flight Info drawer

The Flight Info drawer is where you create flights.

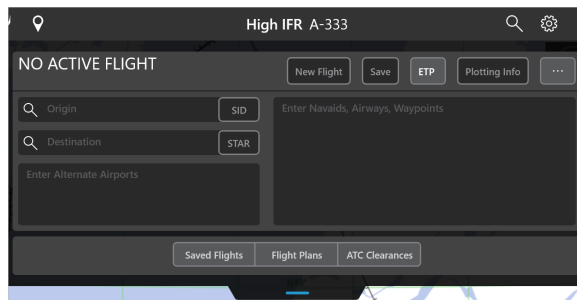The Flight Info drawer is also where you can edit and save flights, import flight plan routes, and access ATC clearances. Open the Flight Info drawer to add or edit ETOPS route points, export plotting information, and import a flight that has been encoded with a QR code.

To open and close the expandable Flight Info drawer, tap the Flight Info drawer tab.

FliteDeck Pro displays the name of the active flight on the Flight Info drawer tab. The selected enroute theme appears above the Flight Info drawer tab. In addition, if your company subscribes to and publishes supplemental enroute data, the fleet selection appears above the Flight Info drawer tab.

About the active flight

The active flight is the flight loaded in the Flight Info drawer.

The active flight includes the following components as they apply to the flight:

- Origin and destination airports
- Alternate airports
- Route description
- Terminal charts
- User waypoints
- ETOPs route points (equal time points, entry points, exit points)
- Plotted points

The name of the active flight appears on the Flight Info drawer, and on the Flight Info drawer tab when the drawer is collapsed.
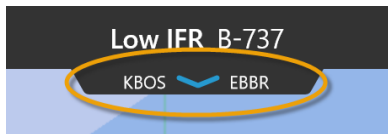
About the toolbar

You access commonly performed tasks from the FliteDeck Pro toolbar.
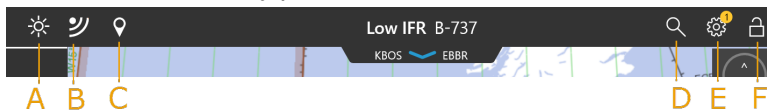
A	**Brightness** button.
B	**GPS Status** button.
C	**Plotted Points** button.
D	**Search** button.
E	**Settings** button.
F	**Display Lock** button.

Adjusting the display brightness

Using the Windows Action Center, you can quickly adjust the brightness of the FliteDeck Pro display.
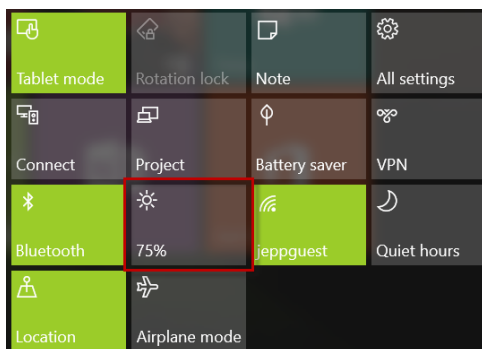
The following steps explain how to make quick alterations to the brightness in Windows 10.

1. Swipe from the right and display the Action Center.

2. Tap the **Brightness** tile.
   Each tap of the tile adjusts the display brightness in increments of 25 percent.

Making precise brightness adjustments

Using the Windows settings, you can make precise adjustments to the brightness of the FliteDeck Pro display.
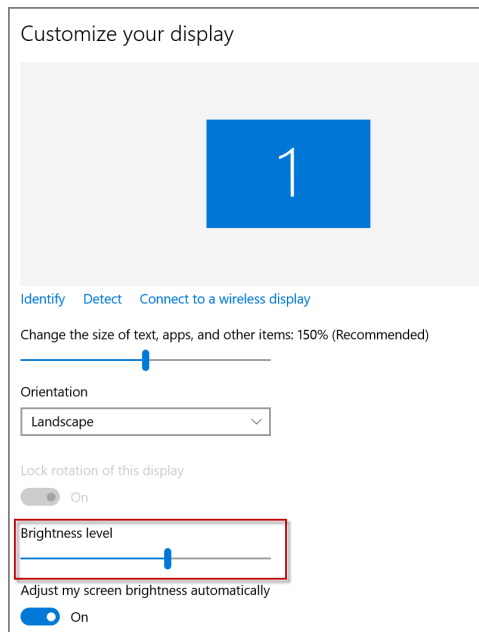
1. Swipe from the right and display the Action Center.

2. Tap **All Settings**.

3. Tap **System**.
   This selection shows the Customize Your Display screen.

4. Scroll down.

5. To increase or decrease the brightness, tap, hold, and slide the **Brightness level** control.

Setting night theme

Night theme changes the colors of the FliteDeck Pro display for low-light conditions.

1. Tap the **Brightness** button on the FliteDeck Pro toolbar.

2. Switch **Night Theme** to ON.
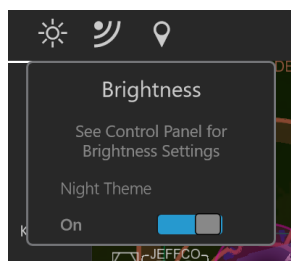
Viewing GPS status

The **GPS Status** button provides information about your GPS connectivity status.
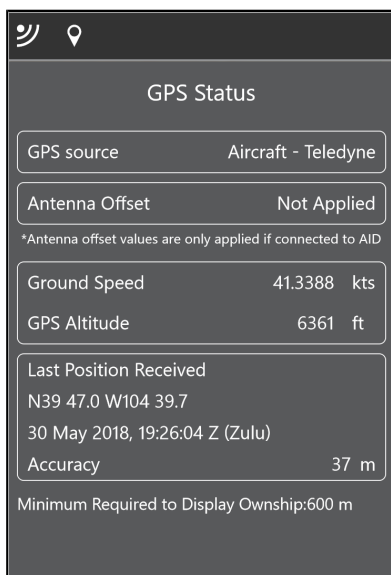
- To view GPS information, tap the **GPS** button.

FliteDeck Pro displays the GPS Status popover, which shows the following information:

- Current groundspeed
- GPS altitude
- Last position received
- Accuracy status
- Minimum accuracy requirement
- Source of GPS data
- If the source is an AID, whether an offset is applied.

You can display the ownship position on the enroute map, the Airport Moving Map, and certain terminal charts. To show the ownship position, your GPS signal must meet these minimum accuracy requirements:

- Enroute map – 600 meters.
- Approach charts – 200 meters.
- SID and STAR charts – 200 meters.
- Taxi (10–9) charts – 25 meters.
- Airport Moving Map – 45 meters

If the GPS signal does not meet the accuracy requirement, or if the app loses the GPS signal for more than 3–5 seconds, a badge appears over the **GPS Status** button.

Marking plotted points

The **Plotted Point** button enables you to plot points, which include the date, time, and coordinates, at designated intervals along your route.

To mark a point on your route at your present aircraft position, tap the **Plotted Points** button.

- If you have GPS connectivity, FliteDeck Pro places a Plotted Point symbol on the route line at the current aircraft position.
- If you do not have GPS connectivity, FliteDeck Pro displays the Plotted Point details popover, in which you can manually enter coordinates and other information.

For more information, see

Performing a search

The **Search** button appears on the toolbar when you view the enroute map. This button enables you to search for objects on the enroute map, in the Route list, and on the Publications tab.

1. Tap the **Search** button.

   FliteDeck Pro displays a search box in the middle of the toolbar.
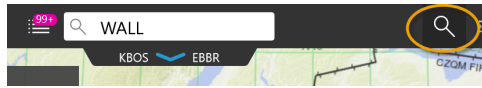
2. Enter a search term and then tap the **Search** button that appears in the search box.

   Objects that match the search term are highlighted on the map.

   For more information, see

Accessing settings

The **Settings** button provides access to data updates and FliteDeck Pro in-app help. It also provides access to options for customizing certain FliteDeck Pro features on your device.

Performing data updates

FliteDeck Pro provides a simple way to verify the status of your enroute and terminal chart data, and any downloaded manuals, at any time.

The time necessary to download updates depends on the speed of the Internet connection and the size of the data coverage area. Make sure that you have the necessary time and bandwidth to do the complete update before commencing the update.

1. Tap the **Settings** button on the toolbar.

2. Tap **Updates**.

3. Tap **Update** at the bottom of the dialog box.

   FliteDeck Pro provides a status of your enroute data (including AMM and any tailored enroute data), terminal data, and manuals data. When the download is complete, `Data is Current` appears at the top of the Updates screen.

4. As the update is downloading, you can do the following actions:

Option	Description
To pause the download	Tap **Pause** above the update status line. If more than one update is available, FliteDeck Pro automatically begins to download the next available update.
To resume downloading after your pause an update	Tap **Resume** above update status line.
To cancel all updates and exit Updates	Tap the **X** (Close) button at the top of the Updates dialog box.
To resume updates after having canceled them	Tap the **Settings** button, tap **Updates**, and then tap **Resume** at the bottom of the dialog box.

5. To close the dialog box when the update is complete, tap **X** at the top of the Updates dialog box.

Updating data from an external drive

Your company can deliver data updates using an external drive, such as a USB device or local network drive. In this case, you can update the data in FliteDeck Pro when a connection to the Jeppesen server is not available.

Note: Do not use this method of downloading data updates for the initial download, when you first install and activate FliteDeck Pro.

1. Connect to the USB device or local network.

2. From FliteDeck Pro, tap the **Settings** button.

3. Tap **Update From External Drive**.

   This option is available if your company chooses to enable this function.

   Windows displays the Open Folder dialog box.

4. Locate and select the update folder.

   Be sure to select the entire folder, and not components within the folder.

5. Tap **Update Application**.

   FliteDeck Pro starts the data update process and displays the Data Update screen.

Accessing help

FliteDeck Pro in-app help is available to you at any time without the need for an Internet connection.

1. To access FliteDeck Pro help, tap **Settings** from the toolbar.

2. Tap **Help**.
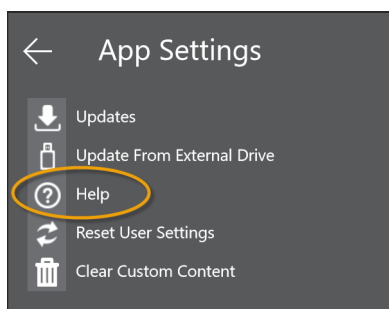
   The help files open.

3. To find a topic, do one of these actions:

   a) Tap a topic from the list of help topics.

   b) Tap in the **Search** box and enter a term that you want more information about.

4. To dismiss the help screen, tap **X** at the top of the help screen.

Locking the display

Using the **Lock Display** button on the toolbar you can quickly lock and unlock the display. This feature is available from all views and display orientations.

To lock and unlock the display, tap the **Lock** button.

When the display is locked, the following conditions apply:

- The button is highlighted amber.
- You cannot access any other buttons.
- You cannot pan or zoom from the current display.
- The Route list and moving map (if enabled) continue to be dynamic, but you cannot interact with them.

About FliteDeck Pro settings

Global app settings control certain features in FliteDeck Pro.

Your company might preconfigure certain FliteDeck Pro global app settings. Any settings that are not preconfigured stay under your control. All settings are preserved between launches and upgrades from one version of FliteDeck Pro to another.

Accessing App Settings

You can access FliteDeck Pro global settings from within the app.

1. To open FliteDeck Pro global settings, tap the **App Settings** button on the toolbar.

2. Scroll through the list and adjust the settings you want to change.

Adjusting the Sleep Mode setting

The sleep mode setting indicates whether your device goes into sleep mode after a period of inactivity. Turning off Sleep Mode ensures that the device does not go into sleep mode during a critical phase of flight.

To turn off sleep mode, switch **Allow Sleep Mode** to OFF.

⚠ **Important:** Switching **Sleep Mode** Sleep Mode to OFF reduces the battery life of your device.

Sending and receiving flight information

The Flight Info section enables you to control how you send and receive flight information.
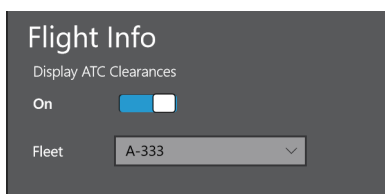
To display and load ATC-cleared routes, set **Display ATC Clearances** to ON.

If your company uses supplemental enroute data, a fleet identifier appears in this section. To change your fleet assignment, tap the identifier and select a new one.

Adjusting the enroute view

Using the Enroute View settings, you can customize your view of the enroute map.

Enroute View

Enable Moving Map
On

Display Ownship on Enroute
On

Terrain Legend
Off

Display VFR Theme
On

Display Organized Track Systems
On

Route Corridor

Default Corridor   10 NM   each side of route

Oceanic Corridor   50 NM   each side of route
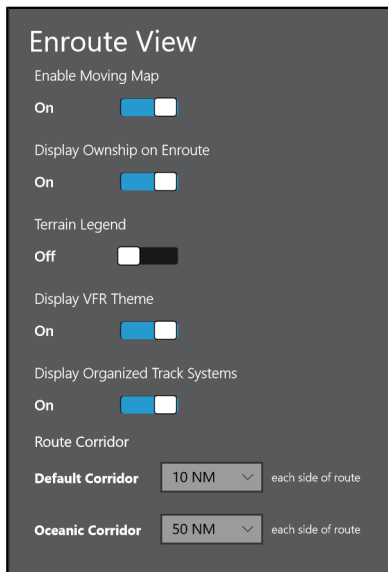
- Adjust enroute map settings for the Enroute View section.

Option	Description
To enable FliteDeck Pro to track ownship position on the map and in the Route list	Switch **Enable Moving Map** to ON. The minimum GPS accuracy requirement to display the ownship symbol on the enroute map is 200 meters.
To display ownship position on the map and in the Route list	Switch **Display Ownship** to ON. To display ownship on the moving map, you must also set **Moving Map** to ON.
To display the terrain legend when showing terrain	Switch **Terrain Legend** to ON.
To make available the VFR enroute theme	Switch **Display VFR Theme** to ON.
To enable the option to display Organized Track Systems (OTS) on the enroute map and automatically download OTS data	Switch **Display Organized Track System** to ON. Note: Establish an Internet connection when you switch on OTS for the first time.
To specify the width of the route corridor	Tap the **Default Corridor** or the **Oceanic Corridor** selector, and then tap the width that you want to use. The default route corridor is 20 NM. The default oceanic route corridor is 25 NM.

Adjusting the terminal charts and Airport Moving Map view

Using the Terminal Chart settings, you can customize your view of terminal charts and the Airport Moving Map (AMM).

- Adjust the settings for the terminal charts view.
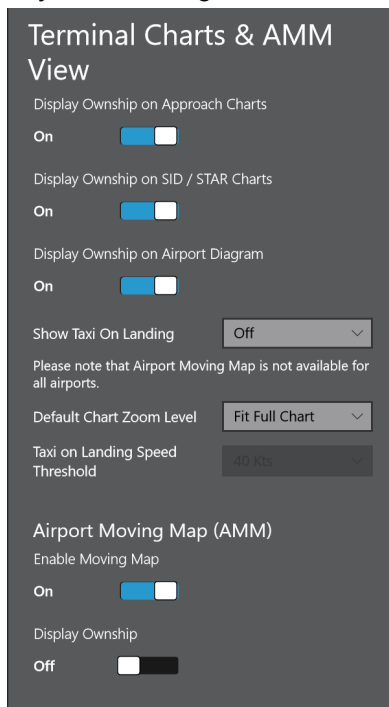
Option	Description
To display your aircraft position on approach charts	Switch **Display Ownship on Approach Charts** to ON. The minimum GPS accuracy requirement to display the ownship position on approach charts is 50 meters.
To display you aircraft position on SID and STAR charts	Set **Display Ownship on SID / STAR Charts** to ON. The minimum GPS accuracy requirement to display the ownship position on a SID or STAR chart is 200 meters.
To display your aircraft position on charts	Set **Display Ownship on Airport Diagram** to ON. The minimum GPS accuracy requirement to display the ownship position on a taxi chart is 200 meters. The app removes the directional ownship symbol from the taxi chart when speed exceeds 80 kts.
To enable the automatic switch to a taxi chart or to the AMM depiction upon landing	Switch **Show Taxi on Landing** to Airport Diagram or to AMM, if your company subscribes to this service.

Option	Description
	The minimum GPS accuracy requirement to switch to a taxi chart automatically is 200 meters.
To set the zoom level preference for viewing terminal charts	Select the **Default Chart Zoom Level** setting. Options are Fit Full Chart or Fit to Width.
To set the speed threshold at which the app automatically switches to the taxi chart or to the AMM depiction upon landing	Select the **Taxi on Landing Speed Threshold** setting. Values range 30–80 knots. The default value is 40 knots.
	The minimum GPS accuracy requirement to switch to a taxi chart automatically is 200 meters.
To enable the Airport Moving Map	Switch **Enable Moving Map** to ON.
To display the ownship position on the Airport Moving Map	Switch **Display Ownship** to ON.
	The minimum GPS accuracy requirement to display the ownship position on the AMM is 45 meters. The app removes the directional ownship symbol from the AMM when speed exceeds 80 kts.

Displaying weather

Using the Weather settings, you can customize how the app displays weather information.
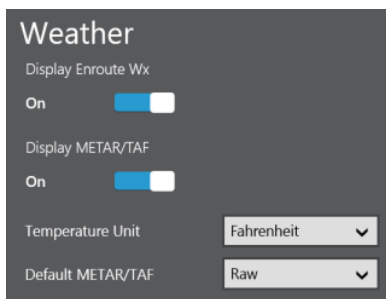
You can change weather settings for the enroute map and for terminal information.

- Adjust the weather settings.

Option	Description
To view weather data overlaid on the enroute map	Switch **Display Enroute Wx** to ON.
To access METAR/TAF information	Set **Display METAR/TAF** to ON.
To change the default temperature unit	Tap **Temperature Unit**, and then tap either **Fahrenheit** or **Celsius**.
To change the default METAR/TAF format	Tap the **Default METAR/TAF** menu, and then tap either **Raw** or **Decoded**.

Accessing account information

The Account Info section provides FliteDeck Pro information and enables you to access other services.

Account Info

Version	Jeppesen FliteDeck Pro 9.1
Terminal Charts Coverage Codes	>
Acknowledgements	>
Build	9.1.244.0
Registration	CAPTAIN1

Share Registration Info

Off ⬜

Tailored Enroute Data **UPS United Parcel Service**

Flight Plan Services

Username	
Password	
URL	

Data Source Selector

Data Source	None ⌄

GPS Antenna

Axial Offset	Enter value (cm)

*Offset only takes effect when connected to an AID.

- Adjust the settings under Account Info.

| Option	Description
To view the FliteDeck Pro version number	See the Version line.
To review the coverage areas included in your subscription	Tap the **Terminal Charts Coverage Codes** flyout. Coverage information can be used as a reference for technical support.
To view software licensing acknowledgments	Tap the **Acknowledgments** flyout.
To view the current build number	See the Build line.
To determine the recipient who receives data updates	See the name next to Registration.
To direct FliteDeck Pro to share registration information with other apps on your device	Switch **Share Registration Info** to ON. This selection enables you to send the registration for activating FliteDeck Pro to another app on your device. 📝 **Note:** You cannot send registration details from another app to FliteDeck Pro.
To determine whether your company delivers supplemental enroute data	See the Tailored Enroute Data line. If your company subscribes to and delivers supplemental enroute data, your company name

© 2018 Jeppesen, All Rights Reserved

Option	Description
	appears here. When supplemental enroute data is not being received, N/A appears.
	When you receive supplemental enroute data, FliteDeck Pro might prompt you to select a fleet to which the customized enroute data applies. The fleet selection appears above the Flight Info drawer.
To review or enter credentials for a flight-planning service or for company-uploaded manuals	See the Flight Plan Services section. You can enter credentials here to a service for importing flight plan routes.
	For more information about credentials, contact your system administrator or your Jeppesen account manager.
To select an aircraft interface device (AID) for GSP data	Tap the **Data Source** menu and select the AID. Currently, FliteDeck Pro for Windows can access the navAero or Teledyne AIDs.
To enter an antenna offset value for your AID	Tap the **Axial Offset** box and enter the offset value in centimeters. The offset represents the distance in centimeters between the GPS antenna and the nose of the aircraft. This box is not available if your administrator preconfigured the app for the value.

Resetting user settings

After you adjust any preferences and customize flight information, you can restore all FliteDeck Pro settings to default values.

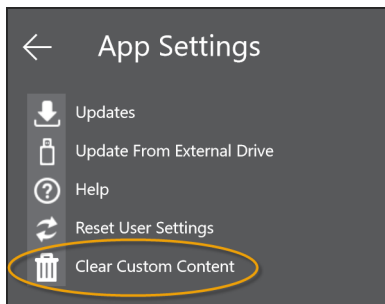1. From app settings, tap **Reset User Settings**.
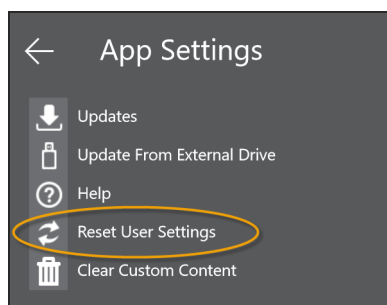
2. Tap **Proceed**.

Clearing custom content

When a device is being transferred from one pilot to another, you typically clear all pilot-generated content, or custom content, from FliteDeck Pro.

To clear custom content, tap **Clear Custom Content**.

When you clear custom content, the following items are removed:

- Saved flights
- Current route information
- Selected charts
- User waypoints
- Pilot-generated highlights
- Weather data

Deactivating FliteDeck Pro

Under certain circumstances, such as when resolving an issue with your EFB administrator, you might need to deactivate the app. This action removes all Jeppesen data and clears the activation information (including the site key).

1. From global app settings, switch **Deactivate** to ON.

Deactivate

Off

To deactivate Jeppesen FliteDeck Pro, switch Deactivate ON. The action will remove all Jeppesen data and clear the activation information.
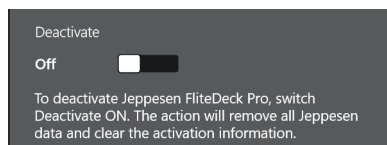
2. Tap **Proceed**.

Accessing support information

The Support link in global app settings displays contact information for technical support.

1. Scroll to the bottom of App Settings.

2. Tap the **Jeppesen Support** link.

3. Do one of the following actions:

   - Call Jeppesen Support using one of the phone numbers listed.
   - Tap the email address and write an email message.
   - Tap the **Jeppesen Technical Support** web link, and then search for knowledge articles.

Switching to Tablet mode

Windows 10 devices can display apps in either Desktop or Tablet mode. FliteDeck Pro is designed to operate only in Tablet mode.

1. To switch to Tablet mode, swipe from the right to display the Windows 10 Action Center.

2. Tap the **Tablet Mode** tile.

   This tile is colored when Tablet mode is turned on. The tile is gray when the device is in Desktop mode.

Setting up your flight

FliteDeck Pro provides several ways to set up a flight. After you enter your route, you can select terminal charts to complete your flight setup.
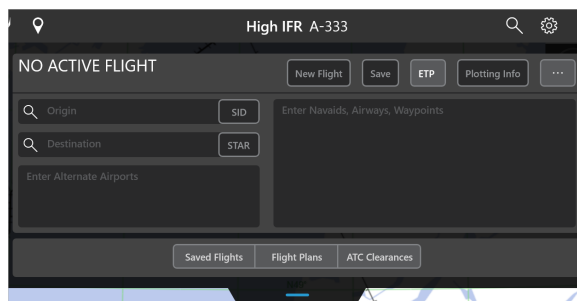
Topics:

Creating a route manually

You can create a flight and enter your route in the Flight Info drawer or by interacting with the enroute map.

1. To create a flight from the Flight Info drawer, tap the Flight Info drawer tab.

2. To clear an existing flight, tap the **New Flight** button and, if prompted, tap **OK** to confirm that you want to continue.

   Note: Starting a new flight removes your current route, airports, and associated terminal chart selections.

3. Tap in the airport boxes and, using the city name and airport ICAO or IATA identifier, enter the origin and destination airports.

4. Tap in the Alternate Airport box and enter any alternate airports.

    If you enter several alternates, separate each one with a space.

5. Tap in the Route Description box and enter route points.

    You can copy and paste route points into the route description box. You can also use the **SID** and **STAR** buttons to enter departure and arrival procedures. To search for navaids or waypoints, see Searching for objects on the enroute map on page 98.

6. Tap **Enter** on the keyboard.

7. To close the Flight Info drawer, tap the Flight Info drawer tab.

    The flight that you create becomes the active flight. If you are viewing the enroute map, FliteDeck Pro depicts your route on the enroute map. After you create the flight, you can select terminal charts.

About route point formats

FliteDeck Pro supports both plain language and dot-notation formats in the route description box.

The following examples show the same route in plain language and dot-notation formats:

* N37 56.6 W122 21.4 SAC V23 RBL (plain language)
* N37.56.6.W122.21.4.SAC.V23.RBL (dot-notation)

Dot notation uses two dots to show direct-to points and one dot between via routings.

When you enter an airport as a route point in the description box, FliteDeck Pro automatically includes the airport in the list of airports from the Airports button on the control bar.

About latitude and longitude coordinate formats

FliteDeck Pro supports various latitude and longitude coordinate formats in the route description box.

The following are several examples of valid latitude and longitude coordinates:

* `NxxWxxx` (N37W122)
* `Nxx.x Wxxx.x` (N37.5 W122.2)
* `Nxx xx.x Wxxx xx.x` (N37 56.6 W122 21.4)
* `Nxx xx.xx Wxxx xx.xx` (N37 56.60 W122 21.40)
* `NxxxWxxxx` (N375W1222)
* `N xx xx W xxx xx` (N 37 56 W 122 40)
* `XXXXN` (5275N)
* `XXNXX` (75N70)
* `XXNXXXW` (37N122W)

Adding a SID and a STAR

You can add SID and STAR procedures to your route when you enter the origin and destination airports and route points. Or you can add the procedures afterward. Departure and arrival procedures are depicted as a dotted line on the enroute map.

Before you can add a SID and a STAR, you must first enter the corresponding origin and destination airports.

If you do not know the runway when you set up your flight, you can select **Unknown Runway** and still select a procedure and transition. When the runway is a part of the route description, transition points are depicted on the enroute map by a dashed line. A label that identifies the procedure appears along the dashed line.

To enter runways, procedures, and transitions, tap either SID or STAR, and then follow the prompts.

- For SIDs, FliteDeck Pro prompts you to select a runway, a procedure, and a transition. If only one transition is available, the app automatically selects it.

- For STARs, FliteDeck Pro prompts you to select a procedure, a transition, and then a runway. If only one transition is available, the app directly prompts you to select a runway.

Working with user waypoints

You can create your own waypoints and add them to your route. You can also remove user waypoints from your route or delete them from the enroute map.
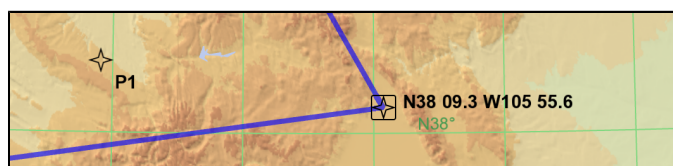
About user waypoints

You can create several types of user waypoints in FliteDeck Pro.

- Latitude/longitude user waypoints. These waypoints can be created quickly, with just two taps. They are represented on the enroute map by their coordinates.

- Radial DME user waypoints. The location of these waypoints is based on the radial DME that you enter in the **Name** box. They are represented on the enroute map by the radial DME names.

- Named user waypoints. To name a point for easier recognition and recall, create these waypoints. They are represented on the enroute map by their names.

A user waypoint can be either temporary or permanent.

- A temporary user waypoint remains on the enroute map until you clear the current route. When you save the route, FliteDeck Pro saves the rest of the flight information. By default, a user waypoint that you add to the route is temporary, but you can make it permanent.

- A permanent user waypoint remains on the enroute map after you clear the current route.
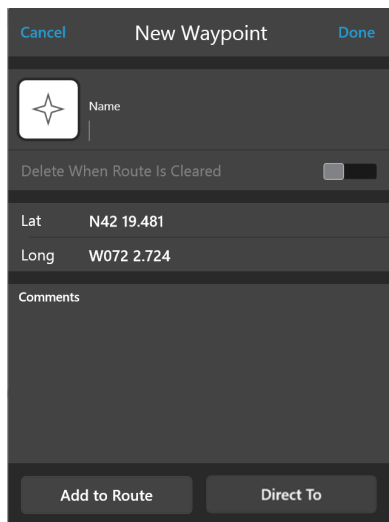
You can search for user waypoints by name, radial DME, and latitude/longitude coordinates.

Creating a temporary user waypoint

You can create and edit waypoints from inside the Flight Info drawer or by interacting with the enroute map. A user waypoint that you create and add to the route is temporary by default.

1. Touch, hold, and release the enroute map at the location where you want to insert the waypoint.
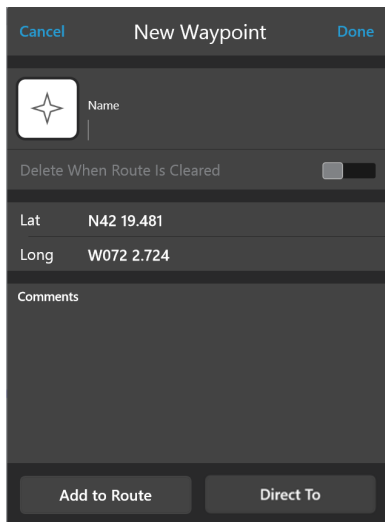
   . FliteDeck Pro displays New Waypoint details.

Cancel	New Waypoint	Done

   Name

   Delete When Route Is Cleared

Lat	N42 19.481
Long	W072 2.724

   Comments

Add to Route	Direct To

2. In the **Name** box, make one of the following entries:

   • To create a latitude/longitude user waypoint, leave the **Name** box blank.

   • To create a radial DME user waypoint, enter the radial DME in this format: navaid, radial/DME (no spaces). For example, for "Direct to 26 DME on 156 radial off of Falcon VOR," enter `FQF156/26`.

   • To create a named user waypoint, enter a name, without spaces.

3. To enter comments, tap in the **Comments** box and enter the text.

4. To add the user waypoint to your route, choose one of the following options:

   • To add the waypoint to your route, tap **Add to Route**.

   • To add the waypoint to your route and remove all points between your current aircraft position and the waypoint, tap **Direct To**.

   > **Note:** The **Direct To** option is available when the **Enable Moving Map** setting in global app settings is set to ON and the minimum GPS accuracy requirements are met.

When you add the user waypoint to your route, FliteDeck Pro sets **Delete When Route Is Cleared** to ON. See Making a temporary user waypoint permanent on page 32 for information about changing this setting.

Creating a permanent user waypoint

A permanent user waypoint remains on the enroute map after you clear the route.

Cancel	New Waypoint	Done

✧ Name

Delete When Route Is Cleared

Lat   N42 19.481
Long   W072 2.724

Comments

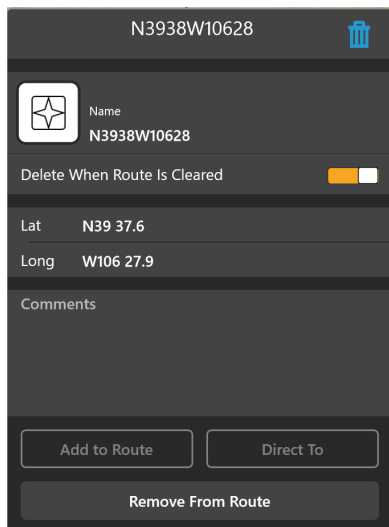| Add to Route	Direct To

1. Touch, hold, and release the enroute map at the location on the route where you want to insert the waypoint.

   FliteDeck Pro displays the New Waypoint details.

2. In the **Name** box, choose one of the following options:

   • To create a latitude/longitude user waypoint, leave the **Name** box blank.

   • To create a radial DME user waypoint, enter the radial DME in this format: navaid, radial/DME (no spaces). For example, for "Direct to 26 DME on 156 radial off of Falcon VOR," enter `FQF146/26`.

   • To create a names user waypoint, enter a name, without spaces.

3. To enter comments, tap in the **Comments** box and enter the text.

4. Tap **Done**.

   The permanent user waypoint is denoted on the enroute map by a star. It remains on the enroute map after you clear the route.

Making a temporary user waypoint permanent

Temporary user waypoints are removed from the enroute map when the route is cleared. When you make a user waypoint permanent, it remains on the map after the route is cleared.

1. Touch, hold, and release the temporary user waypoint on the enroute map. FliteDeck Pro displays the Waypoint details.
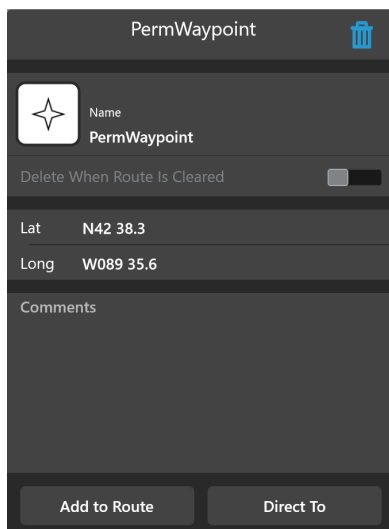
2. Switch **Delete When Route is Cleared** to OFF.

3. Tap **Done** at the top of the waypoint popover.

    FliteDeck Pro displays on the map the star symbol for the permanent user waypoint.

Adding a permanent user waypoint to your route

You can add existing, permanent user waypoints to your route.

1. Touch, hold, and release the user waypoint on the enroute map.

    FliteDeck Pro displays the Waypoint details.

2. To add the user waypoint to your route, choose one of the following options:

    - To add the waypoint to your route, without extra modification, tap **Add to Route**.

    - To add the waypoint to your route and remove all points between your current aircraft position and the waypoint, tap **Direct To**.
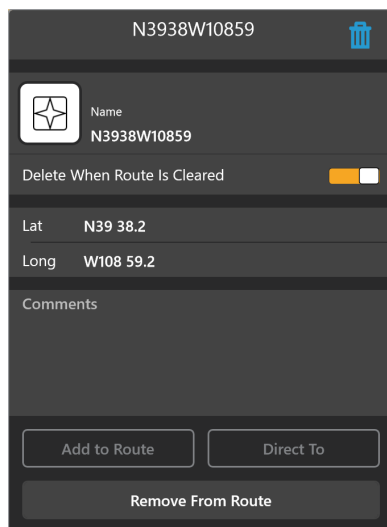
        Note: The **Direct To** option is available when the **Enable Moving Map** setting in global app settings is set to ON and the minimum GPS accuracy requirements are met.

    FliteDeck Pro adds the user waypoint to your route.

Removing a user waypoint from your route

You can remove user waypoints that were added to your route.

1. Touch, hold, and release the user waypoint that you want to remove.

    FliteDeck Pro displays the Waypoint details.

2. Tap **Remove From Route**.

3. Tap **Remove From Route** in the confirmation message.

    - For a permanent user waypoint, FliteDeck Pro removes the user waypoint from the route, but the waypoint remains on the map.

    - For a temporary user waypoint, FliteDeck Pro removes the user waypoint from the route. The waypoint is no longer available on the map.

Deleting a user waypoint

A permanent user waypoint must be deleted manually. A temporary user waypoint is removed when you clear the route.

1. Touch, hold, and release the user waypoint on the enroute map.

    FliteDeck Pro displays the Waypoint details.

2. Tap the **Delete** (trash can) button.

3. Tap **OK** in the confirmation message.

   FliteDeck Pro deletes the permanent user waypoint from the enroute map.

About direct-to routing

Direct-to routing is available for airports, waypoints, and enroute fixes when **Enable Moving Map** is set to ON in FliteDeck Pro global app setting and your GPS accuracy is 200 meters or better.

When you tap **Direct To** in the object details for a point that is not in your route, FliteDeck Pro directs you to that point from your current aircraft position. FliteDeck Pro then directs you to the next point in your route.

For example, your current aircraft position is after point 3. When you tap **Direct To** for point A, FliteDeck Pro directs you to point A and then to 4 in your route.
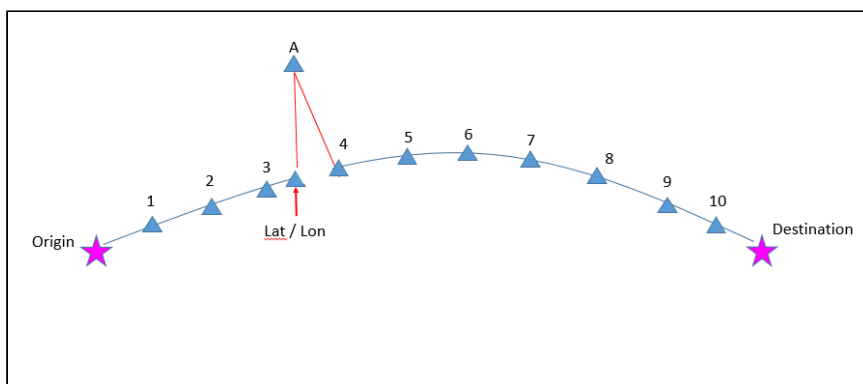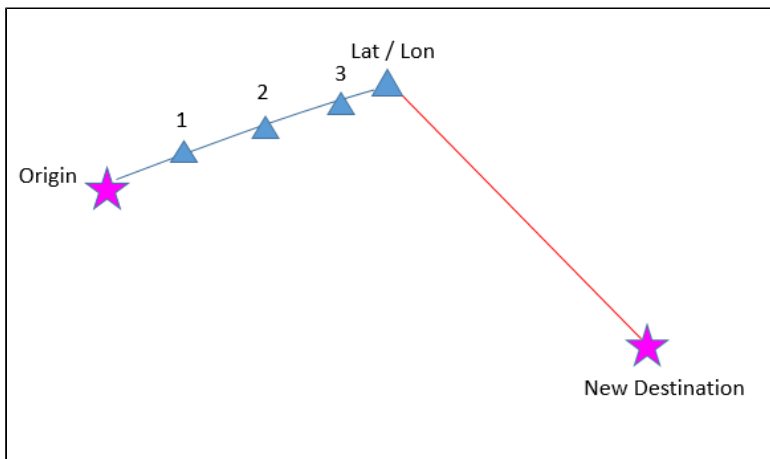

In another example, your current aircraft position is after point 3. When you tap **Direct To** for point 8, FliteDeck Pro keeps Origin and points 1, 2, and 3, plus points 8, 9, 10, and Destination.
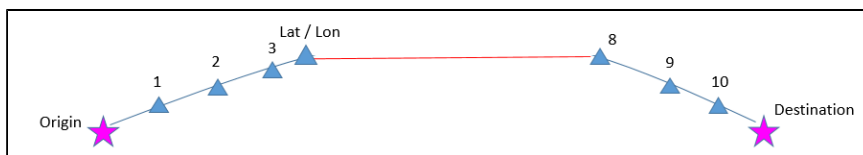
When you tap **Direct To** for a new destination, such as an airport, FliteDeck Pro removes all points between your current aircraft position and the new destination. The app keeps all points already flown from the origin.

For example, when you tap **Direct To** for a new destination after point 3, FliteDeck Pro keeps the origin and points 1, 2, and 3. The app creates a direct line from your current aircraft position to the new destination.

> 📝 **Note:** If you change your route in flight, FliteDeck Pro takes one minute per waypoint "flown" to catch up to your current aircraft position. For example, five points require five minutes.
>
> If you do not wait that one minute per waypoint, the app removes all points from the origin to the direct-to point. Then all points from the direct-to point to the destination.

Loading a saved flight

A saved flight can include origin and destination points, alternate airports, the route description, and any selected terminal charts that are associated with the flight.

1. Open the Flight Info drawer.

2. Tap **Saved Flights** at the bottom of the drawer.
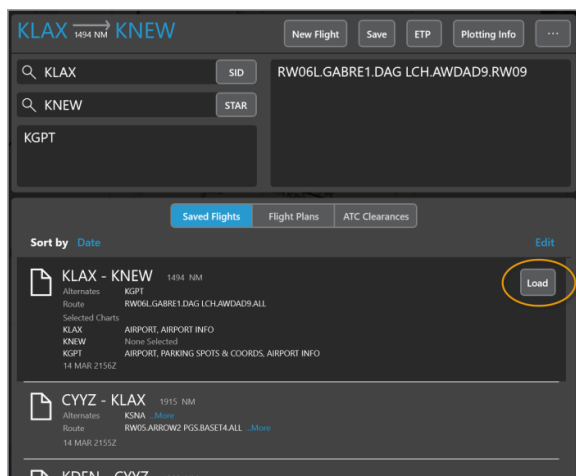
3. To expand its view, tap a saved flight from the list of saved flights.

   The details area of the selected flight includes a **Load** button.

4. Tap **Load**.

   FliteDeck Pro loads the flight information, and the flight becomes the active flight.

Loading a route from a flight-planning system

You can create your flight by loading a route from a flight-planning system that is set up to share with FliteDeck Pro. To determine whether this option is available to you, contact your system administrator.

To import a route from a flight-planning system, make sure that you have an Internet connection and that credentials are entered in global settings.

If the imported flight plan route includes Organized Track System data, the routing text in the Track identifier appears in the same manner as airways. The route is resolved against current OTS data.

1. Open the Flight Info drawer.

2. Tap **Flight Plans** at the bottom of the Flight Info drawer.

3. If prompted, enter the call sign and tap on the keyboard.

4. Tap the flight plan route that you want to view or use.

5. To load the flight plan and make it the active flight, tap **Load** next to the flight plan.

   FliteDeck Pro displays the time and date that the list was most recently updated and a **Refresh** button at the bottom of the list. Routes are listed under two headings:

   - Future ETD. Pending flight plans that have an ETD up to six hours into the future.
   - Past ETD. Past flight plans that have an ETD within 24 hours in the past.

   The app also displays the time and date that the list of flight plans was most recently updated at the bottom of the list. To reload the list to and see whether updates have become available since you accessed the flight plans, tap the **Refresh** button. This button appears at the bottom of the list.

Loading an ATC-cleared route

Displaying ATC-cleared routes provides you with an awareness of current clearing trends. You can set up your flight by loading a route from a list of ATC-cleared routes.

To view ATC clearances, set **Display ATC Clearances** to ON in the settings and make sure that you have an Internet connection. Also enter an origin and destination.

An ATC-cleared route includes origin, destination, any alternate airports, and the route description, including any user waypoints. It does not include terminal charts. Routes are available for any flight within, into, or out of, the United States.

1. Open the Flight Info drawer.

2. Tap **ATC Clearances** at the bottom of the drawer.

   FliteDeck Pro displays the most recent list of ATC-cleared routes that were retrieved.
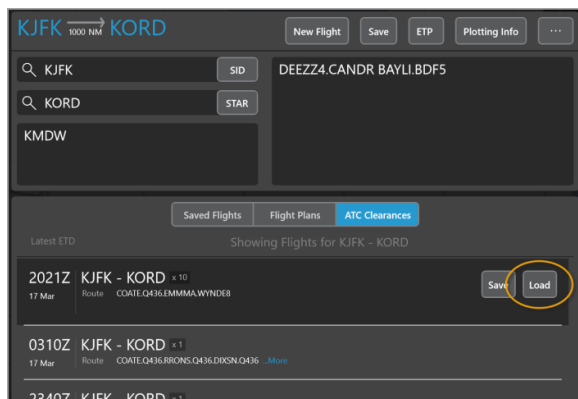

3. Tap the route that you want to load from the list.

4. Tap **Load** next to the selected route.

   FliteDeck Pro loads the route as the active flight.

Importing a route with a QR code

If your company uses QR coding to encode route information, you can import the route by scanning the QR code.

Before scanning a QR code, be sure that the camera on your device is enabled.

1. Open the Flight Info drawer.

2. If a flight is loaded, tap **New Flight** and then tap **OK** to clear it.

3. Tap the **More** (ellipsis) button.

4. Tap **Scan Route**.
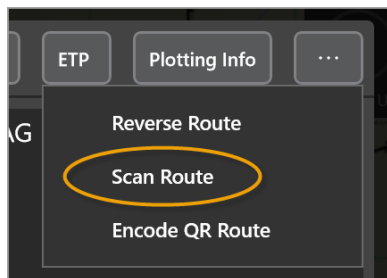
   This action opens the camera on your device.

5. Point the camera viewfinder on your device at the QR code.

6. Tap **Scan Route QA Code**.

7. Tap **Load**.

   The route appears in the Flight Info drawer. The route includes the origin, destination, alternate airports, and route string, including any ETOPS route points.
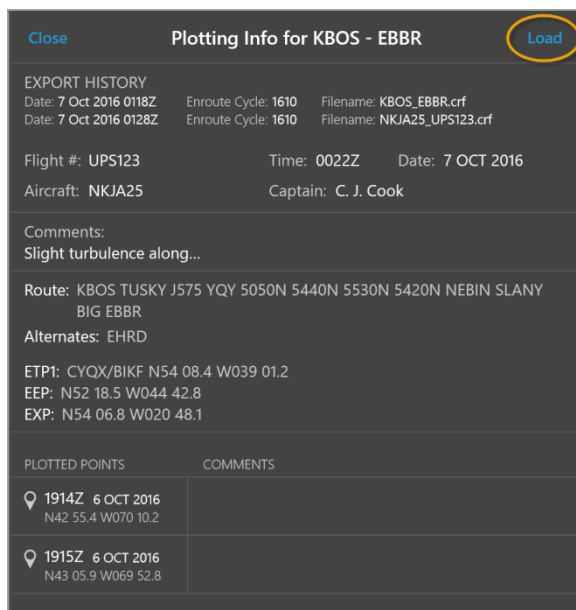
Loading a route from a third-party app

If you have another EFB app on your device, you can share routes from that app with FliteDeck Pro.

1. To share the route, follow the steps in your EFB app.

   When FliteDeck Pro receives the request, it prompts you to load, save, or decline the shared route.

2. Do one of these actions:

   - To load the route as the active flight, tap **Load**.
   - To save the route to your list of saved flights in FliteDeck Pro, tap **Save**.
   - To decline the sharing request, tap **Decline**.

Importing a route with plotting information

You can open an export (CRF) file of plotting information in FliteDeck Pro and import the route as the active flight.

1. Open the location where the export file resides (for example, from Drop Box, OneDrive, or another method).

2. Double-tap the export (CRF) file.

   FliteDeck Pro opens and displays the Plotting Info popover. This popover shows the export history, flight information, ETOPS route points, and plotted points.

3. To import the plotting information, tap **Load**.

---

4. Tap **Load** in the confirmation message.

   FliteDeck Pro imports the plotting information and makes the flight the active flight on your device.

   > 📃 **Note:** If the CRF file is damaged, FliteDeck Pro prevents it from loading.

5. To review the imported information, open the Flight Info drawer and tap **Plotting Info**.

6. To edit any of the information in the flight summary section, tap in the appropriate box and enter the new text.

7. To dismiss the popover, tap away from it.

8. To add or edit ETOPS route points, open the Flight Info drawer, tap **ETP**, and then enter changes in the ETP/ETOPS popover.

Reversing origin and destination

You can create a route by reversing the origin and destination airports of an existing route.

When you reverse the origin and destination airports, you must enter the route points and any alternate airports for the new flight. FliteDeck Pro keeps the taxi, company, reference, and approach charts selected before.

1. From the Flight Info drawer, tap the **More** (ellipsis) button.

2. Tap **Reverse Route**.
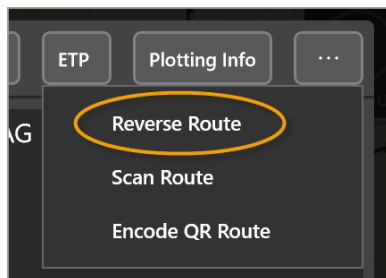
3. Review the confirmation message, and then tap **OK**.

   FliteDeck Pro removes the route points. The selected taxi, company, reference, and approach charts stay on the Selected Charts bar.

4. Add the route points and SID or STAR charts.

Selecting terminal charts for your flight

At any point after you enter an airport, you can preview and select terminal charts for route airports.

Selecting terminal charts for the active flight

When you create a flight, FliteDeck Pro automatically selects the taxi diagram for the origin airport. You can preview and select other terminal charts from the control bar.

1. Tap an available chart type button (**REF**, **CO**, **START**, **APP**, **TAXI**, or **SID**).

   FliteDeck Pro highlights the selected chart type and displays a list of the available charts.

2. To preview a chart, scroll through the list of charts and tap the chart title.

3. To select a chart, tap the check box next to the chart title.

   FliteDeck Pro places a check mark next to the selected chart and adds the chart to the Selected Charts bar for the active flight. The Selected Charts bar appears above the toolbar.
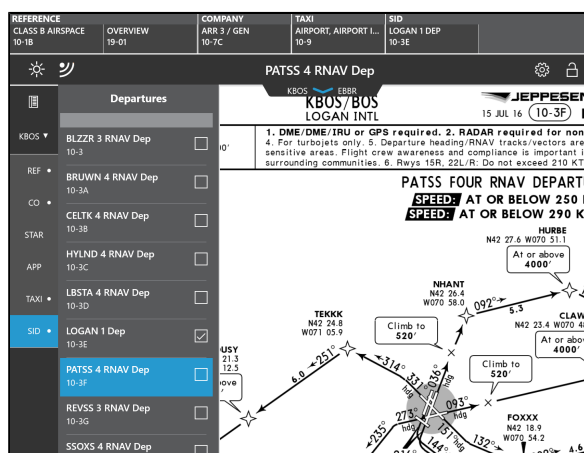
Switching between route airports

When you are selecting charts, you select them for the airport noted on the **Airports** button, usually starting with the origin airport. Then you switch to another route airport and select the charts for that airport.

Route airports include the origin, destination, and any alternate airports that you added to your route.
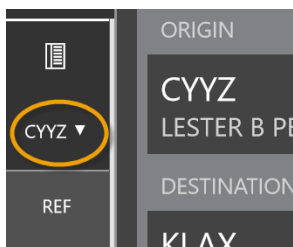
1. To switch to another route airport, tap the **Airports** button on the control bar.

   FliteDeck Pro displays a list of route airports.

2. To select the airport for which you want to view and choose terminal charts, tap an airport from the list.

About terminal chart types

FliteDeck Pro lists terminal charts by the chart type.

These are the available chart types in FliteDeck Pro:

REF	Nonprocedural reference charts, sorted alphabetically by title.
CO	Company-tailored charts. This chart type is available only if your company subscribes to Jeppesen tailored charting services. Engine-out charts are company-specific and appear from the CO category when they are available.
STAR	Standard terminal arrival charts, sorted alphabetically by title.
APP	Approach charts, grouped by runway and sorted by index number.
TAXI	Taxi charts, sorted by index number. If your company subscribes to the Airport Moving Map (AMM), you also have access to a **Chart / AMM** button on the taxi diagram for navigating between the two views.
SID	Standard instrument departure charts, sorted alphabetically by title. When you select a SID chart that has an engine-out procedure, an Associate Engine-Out Chart popover appears.

📝 **Note:** Custom charts from your company might be available to you. If so, FliteDeck Pro displays the text `Non-Jepp Chart` in the chart list on the same line as the chart index number. Ownship position does not appear and the automatic switch to a taxi diagram does not occur on custom charts.

Associating an engine-out chart with a SID

If an engine-out chart is available, FliteDeck Pro prompts you to associate it with the SID when you select the departure chart.

1. Tap **SID** on the control bar.

   FliteDeck Pro displays a list of departures for the selected airport.

2. Tap the departure chart that you want to add.

   If any engine-out charts are associated with the selected departure, FliteDeck Pro displays an Associate Engine-Out Chart popover.
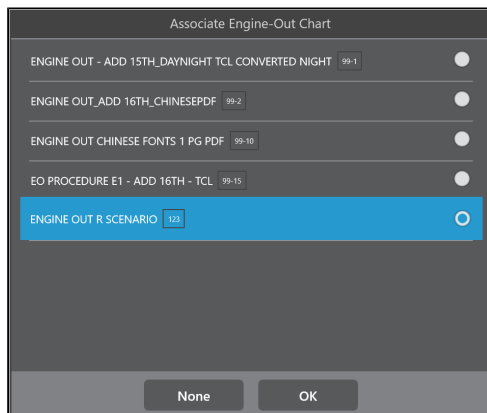
3. Tap the engine-out chart from the list of charts.

4. Tap **OK**.

   FliteDeck Pro dismisses the popover, and displays an amber **E/O** button under the chart category buttons.

   > 📝 **Note:** Each selected departure can be associated with only one engine-out procedure. However, the same engine-out procedure can be associated with more than one departure.

Displaying an engine-out chart

When an engine-out chart is available and associated with a SID, FliteDeck Pro displays an amber **E/O** button on the control bar, under the chart category buttons.
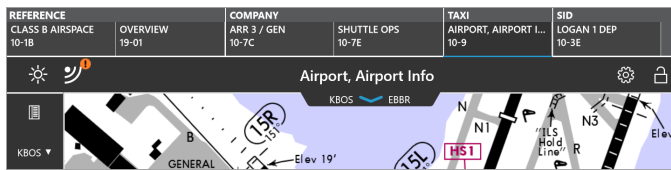
- To display the engine-out chart, tap **E/O** on the control bar.

Navigating between selected charts

You can use various techniques to navigate between your selected charts.

The charts that you select appear in the Selected Charts bar, grouped by chart category. A blue line appears under the chart that is selected.

REFERENCE		COMPANY		TAXI	SID
CLASS B AIRSPACE 10-1B	OVERVIEW 19-01	ARR 3 / GEN 10-7C	SHUTTLE OPS 10-7E	AIRPORT, AIRPORT I... 10-9	LOGAN 1 DEP 10-3E

- To display the next chart in the series, use a two-finger swipe on the chart image.

- To scroll through the selected charts, use a one-finger swipe on the Selected Charts bar.

- Tap the chart type button on the Selected Charts bar.

- To view the Airport Moving Map view of the taxi chart, tap the **AMM** button. (This feature is available on your device if your company has enabled it.)

Viewing manuals and change notices

As you set up your flight, you can review manuals and check any relevant change notices along your route.

To view manuals and change notices, tap the **Route list** button and then tap the **Publications** tab.

FliteDeck Pro provides access to Jeppesen Airway Manual text, company manuals, and enroute and chart change notices.

For more information about the **Publications** tab, see Working with publications on page 78 or Viewing chart change notices on page 103.

Editing the route

You have several options for editing your route. You can edit a route in the Flight Info drawer or by interacting with the enroute map. You can add or edit ETOPS route points and plotted points. You can also export and import plotting information.

Topics:

Editing the route by interacting with the map

Sometimes the quickest way to edit your route is to interact with the enroute map.

1. Touch, hold, and release an airport, navaid, or waypoint along your intended route. Or tap once to highlight the object identifier on the map and then tap the object symbol again.

   FliteDeck Pro displays more information about that object.
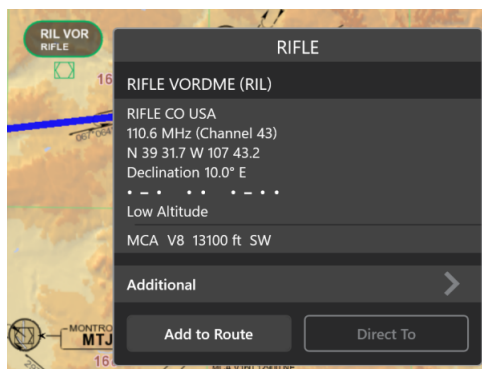
2. Depending on the object selected, create a user waypoint, review additional information, or add the object to or remove it from your route.

   📝 **Note:** The **Direct To** option is available when FliteDeck Pro is receiving an active GPS signal and the **Enable Moving Map** is set to ON in global app settings.

Editing a route with rubber-band routing

You can change the path of your route by using rubber-band routing on the enroute map.
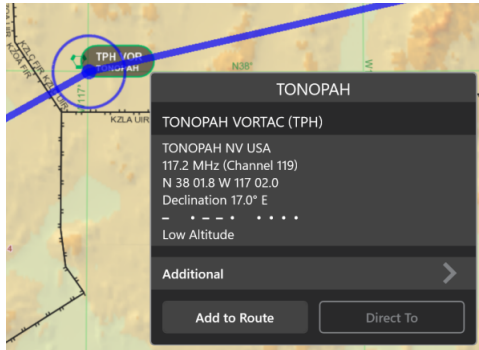
1. FliteDeck Pro displays a point along the route line.

2. Drag the route line to the point that you want to add to the route and release your finger.

   If you are adding a user waypoint to your route, FliteDeck Pro displays either a popover for a selected object or the User Waypoint popover.

3. After you release your finger, select the action that you want to perform.

   📋 **Note:** The **Direct To** option is available when the **Enable Moving Map** setting is set to ON in global app settings and the minimum GPS accuracy requirement is met.

Editing user waypoints

You can change a user waypoint by interacting with the Waypoint popover on the enroute map.

1. Touch, hold, and release the user waypoint symbol on the enroute map. Or tap once to highlight the user waypoint identifier on the map and then tap the symbol again.

   FliteDeck Pro displays the Waypoint popover.

2. To edit the name, tap in the **Name** box and use the keyboard to enter the new name.

3. To edit comments, tap in the **Comments** box and use the keyboard to enter your changes.

4. To make a temporary user waypoint permanent, set **Delete When Route is Cleared** to OFF.
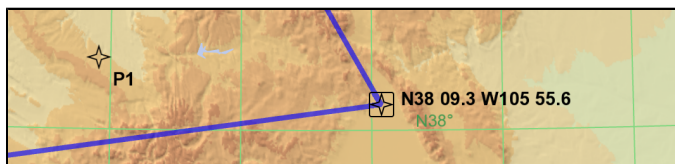
5. Tap **Done**.

About user waypoints

You can create several types of user waypoints in FliteDeck Pro.

- Latitude/longitude user waypoints. These waypoints can be created quickly, with just two taps. They are represented on the enroute map by their coordinates.

- Radial DME user waypoints. The location of these waypoints is based on the radial DME that you enter in the **Name** box. They are represented on the enroute map by the radial DME names.

- Named user waypoints. To name a point for easier recognition and recall, create these waypoints. They are represented on the enroute map by their names.

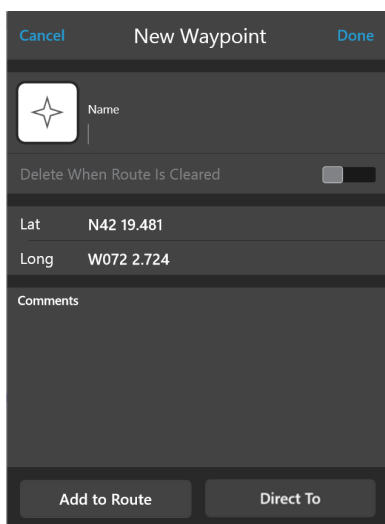A user waypoint can be either temporary or permanent.

- A temporary user waypoint remains on the enroute map until you clear the current route. When you save the route, FliteDeck Pro saves the rest of the flight information. By default, a user waypoint that you add to the route is temporary, but you can make it permanent.

- A permanent user waypoint remains on the enroute map after you clear the current route.

You can search for user waypoints by name, radial DME, and latitude/longitude coordinates.

Creating a permanent user waypoint

A permanent user waypoint remains on the enroute map after you clear the route.

1. Touch, hold, and release the enroute map at the location on the route where you want to insert the waypoint.

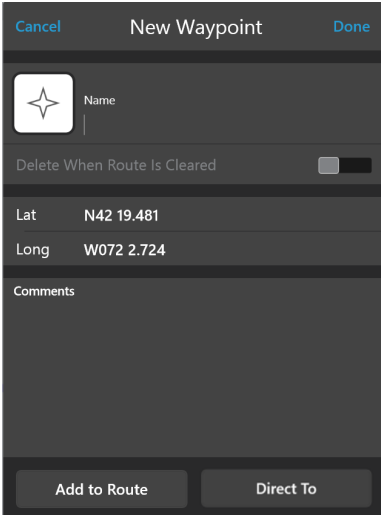   FliteDeck Pro displays the New Waypoint details.

2. In the **Name** box, choose one of the following options:

    - To create a latitude/longitude user waypoint, leave the **Name** box blank.
    - To create a radial DME user waypoint, enter the radial DME in this format: navaid, radial/DME (no spaces). For example, for "Direct to 26 DME on 156 radial off of Falcon VOR," enter `FQF146/26`.
    - To create a names user waypoint, enter a name, without spaces.

3. To enter comments, tap in the **Comments** box and enter the text.

4. Tap **Done**.

    The permanent user waypoint is denoted on the enroute map by a star. It remains on the enroute map after you clear the route.

Creating a temporary user waypoint

You can create and edit waypoints from inside the Flight Info drawer or by interacting with the enroute map. A user waypoint that you create and add to the route is temporary by default.

1. Touch, hold, and release the enroute map at the location where you want to insert the waypoint.

    . FliteDeck Pro displays New Waypoint details.

2. In the **Name** box, make one of the following entries:

    - To create a latitude/longitude user waypoint, leave the **Name** box blank.
    - To create a radial DME user waypoint, enter the radial DME in this format: navaid, radial/DME (no spaces). For example, for "Direct to 26 DME on 156 radial off of Falcon VOR," enter `FQF156/26`.
    - To create a named user waypoint, enter a name, without spaces.

3. To enter comments, tap in the **Comments** box and enter the text.

4. To add the user waypoint to your route, choose one of the following options:

- To add the waypoint to your route, tap **Add to Route**.

- To add the waypoint to your route and remove all points between your current aircraft position and the waypoint, tap **Direct To**.
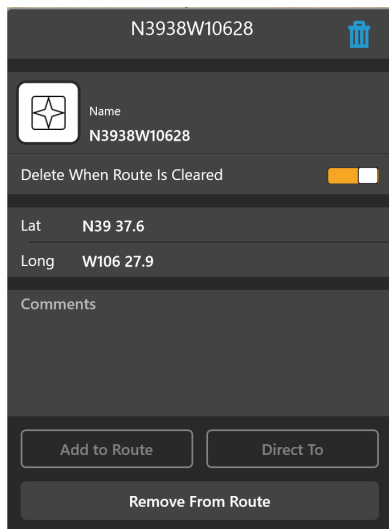
  Note: The **Direct To** option is available when the **Enable Moving Map** setting in global app settings is set to ON and the minimum GPS accuracy requirements are met.

When you add the user waypoint to your route, FliteDeck Pro sets **Delete When Route Is Cleared** to ON. See Making a temporary user waypoint permanent on page 32 for information about changing this setting.

Making a temporary user waypoint permanent

Temporary user waypoints are removed from the enroute map when the route is cleared. When you make a user waypoint permanent, it remains on the map after the route is cleared.

1. Touch, hold, and release the temporary user waypoint on the enroute map. FliteDeck Pro displays the Waypoint details.

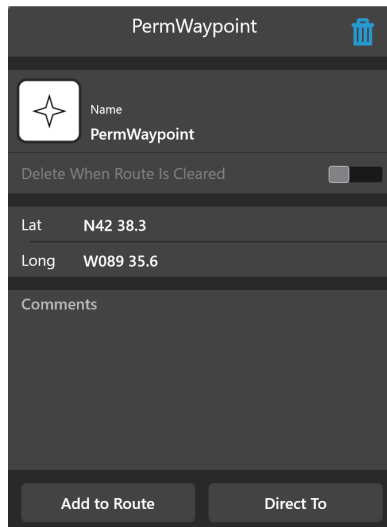2. Switch **Delete When Route is Cleared** to OFF.

```
                N3938W10628              🗑

   ┌─────┐   Name
   │  ◇  │   N3938W10628
   └─────┘

   Delete When Route Is Cleared        [■  ]

   Lat      N39 37.6
   Long     W106 27.9

   Comments



   ┌──────────────┐   ┌──────────────┐
   │ Add to Route │   │  Direct To   │
   └──────────────┘   └──────────────┘
   ┌──────────────────────────────────┐
   │       Remove From Route          │
   └──────────────────────────────────┘
```

3. Tap **Done** at the top of the waypoint popover.
   FliteDeck Pro displays on the map the star symbol for the permanent user waypoint.

Adding a permanent user waypoint to your route

You can add existing, permanent user waypoints to your route.

1. Touch, hold, and release the user waypoint on the enroute map.

   FliteDeck Pro displays the Waypoint details.

2. To add the user waypoint to your route, choose one of the following options:

   - To add the waypoint to your route, without extra modification, tap **Add to Route**.

   - To add the waypoint to your route and remove all points between your current aircraft position and the waypoint, tap **Direct To**.
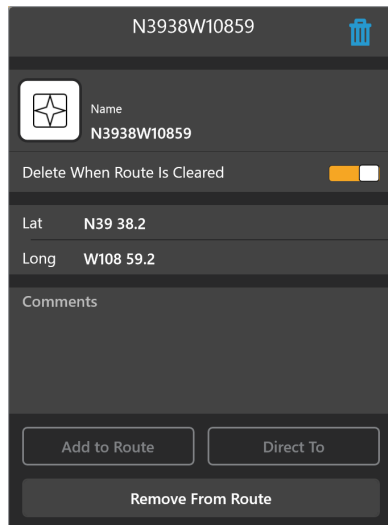
     📝 **Note:** The **Direct To** option is available when the **Enable Moving Map** setting in global app settings is set to ON and the minimum GPS accuracy requirements are met.

   FliteDeck Pro adds the user waypoint to your route.

Removing a user waypoint from your route

You can remove user waypoints that were added to your route.

1. Touch, hold, and release the user waypoint that you want to remove.

   FliteDeck Pro displays the Waypoint details.

2. Tap **Remove From Route**.

3. Tap **Remove From Route** in the confirmation message.

   - For a permanent user waypoint, FliteDeck Pro removes the user waypoint from the route, but the waypoint remains on the map.

   - For a temporary user waypoint, FliteDeck Pro removes the user waypoint from the route. The waypoint is no longer available on the map.

Deleting a user waypoint

A permanent user waypoint must be deleted manually. A temporary user waypoint is removed when you clear the route.

1. Touch, hold, and release the user waypoint on the enroute map.

   FliteDeck Pro displays the Waypoint details.

2. Tap the **Delete** (trash can) button.

3. Tap **OK** in the confirmation message.

   FliteDeck Pro deletes the permanent user waypoint from the enroute map.

Working with ETOPS route points

FliteDeck Pro supports ETOPS flights by displaying ETOPS alternates, route points, and range rings.

If you are loading an ETOPS route from a flight planning system, FliteDeck Pro displays ET

OPS route points that are part of the flight. You can edit these route points in the Flight Info drawer.

You can also add ETOPS route points manually. You can add equal time points between ETOPS alternate airports and add ETOPS entry and exit points.

If your company provides supplemental enroute data, you can display ETOPS range rings on the enroute map. You can turn this option on and off using the Airspace map object filter.

Entering an equal time point

You can add an equal time point (ETP) between two ETOPS alternate airports.

1. Open the Flight Info drawer.

2. Tap **ETP**.

    FliteDeck Pro displays the ETP/ETOPS popover. If ETPs have already been added to the route, these points are listed.
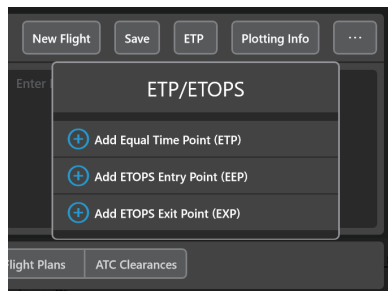
3. Do one of the following actions:

   - If this point is the first ETP that you are adding, tap **Add Equal Time Point (ETP).**
   - If an ETP has already been entered, tap **Add another ETP**.

   The popover expands to show boxes for entering ETP details.
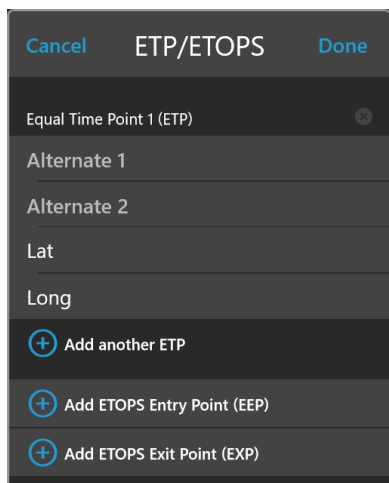

4. To enter the first alternate airport, tap **Alternate 1** and enter the ICAO identifier for the airport.

5. To enter a second alternate airport, tap **Alternate 2** and enter the ICAO identifier for the airport.

6. Tap **Lat** and enter the latitude coordinate.

7. Tap **Long** and enter the longitude coordinate.

   📝 **Note:** Latitude and longitude coordinates are required.

8. Tap **Done**.

   FliteDeck Pro adds the ETP to the enroute map and displays the alternate airport identifiers.
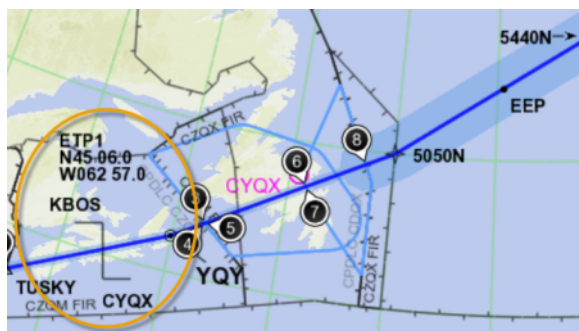
About invalid ETOPS entries

If FliteDeck Pro cannot validate an ETP alternate airport or a latitude or longitude coordinate, the entry does not appear on the map.

The ETP/ETOPS popover displays a comment when FliteDeck Pro encounters an invalid entry:

- `Not Found` if the airport identifier is not in the database.
- `Not Valid` if FliteDeck Pro cannot validate the coordinate.

About ETOPS alternate airports

The ETOPS alternate airports do not appear in the Flight Info drawer as alternate airports. They do appear, however, as alternate airports in the Airport list when you tap the **Airport** button.

You can enter the same airport as an ETP alternate and as a flight alternate. Any changes that you make to the flight alternate do not affect the ETP alternate. Similarly, any changes you make to ETP alternate do not affect the flight alternate. For instance, deleting a flight alternate that is also designated as an ETOPS alternate does not change the ETP alternate. Change ETOPS alternate airports from the ETP/ETOPS popover.

Entering an ETOPS entry point

You can manually add the coordinates of an ETOPS entry point (EEP) to your route.
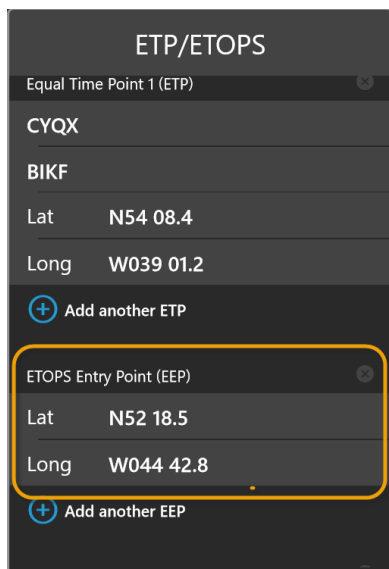
1. Open the Flight Info drawer.

2. Tap **ETP**.

   FliteDeck Pro displays the ETP/ETOPS popover. If EEPs or EXPs have already been added to the route, these points are listed.

3. Do one of the following actions:

- If this point is the first EEP you are adding, tap **Add ETOPS Entry Point (EEP).**
- If an EEP has already been entered, tap **Add another EEP**.

The popover expands to show boxes for entering EEP details.

4. Tap **Lat** and enter the latitude coordinate.

5. Tap **Long** and enter the longitude coordinate.

6. Tap **Done**.

FliteDeck Pro displays the EEP on the enroute map.
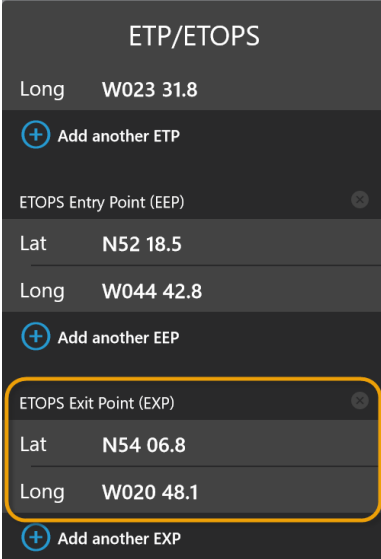

Entering an ETOPS exit point

You can manually add the coordinates of an ETOPS exit point (EXP) to your route.

1. Open the Flight Info drawer.

2. Tap **ETP**.

FliteDeck Pro displays the ETP/ETOPS popover. If EEPs or EXPs have already been added to the route, these points are listed.

3. Do one of the following actions:

- If this point is the first EXP you are adding, tap **Add ETOPS Exit Point (EXP).**
- If an EXP has already been entered, tap **Add another EXP**.

The popover expands to show boxes for entering EXP details.

4. Tap **Lat** and enter the latitude coordinate.

5. Tap **Long** and enter the longitude coordinate.

6. Tap **Done**.

FliteDeck Pro displays the EXP and its coordinates on the enroute map.


Editing ETOPS route points

You can edit ETOPS route points from the Flight Info drawer.

1. Open the Flight Info drawer.

2. Tap **ETP**.

3. Tap the box you want to change.

4. Enter the new information.

For ETOPS alternate airports, enter the ICAO identifier.

5. Tap **Done**.

Deleting an ETP, EEP, or EXP

You can delete ETOPS route points from the Flight Info drawer.

1. Open the Flight Info drawer.

2. Tap **ETP**.

   FliteDeck Pro displays the ETP/ETOPS popover.

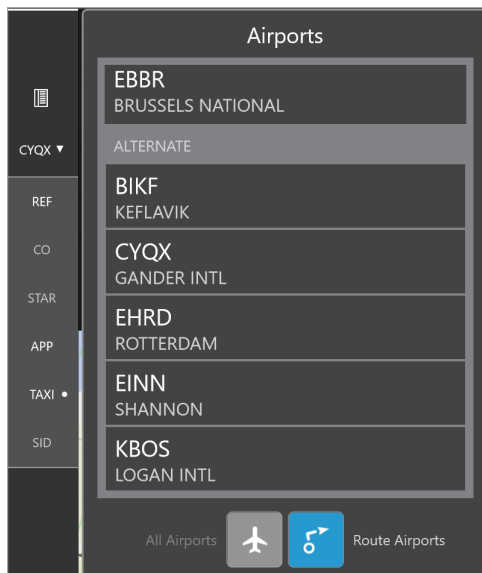3. Tap the **X** button for the point you want to delete.

ETOPS Entry Point (EEP)	⊗
Lat	N52 18.5
Long	W044 42.8
⊕ Add another EEP	
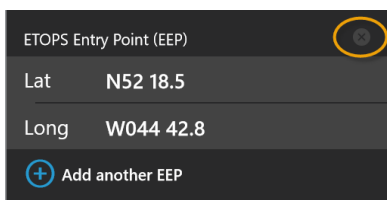
4. To confirm the action, tap **Delete**.

   FliteDeck Pro removes the point from the flight.

5. Tap **Done**.

Viewing terminal information for ETOPS alternate airports

ETOPS alternate airports appear in the route airports list. You can select the alternate from this list and view terminal information.

1. Tap the **Airports** button on the control bar.

Airports

EBBR
BRUSSELS NATIONAL

ALTERNATE

BIKF
KEFLAVIK

CYQX
GANDER INTL

EHRD
ROTTERDAM

EINN
SHANNON

KBOS
LOGAN INTL

All Airports | Route Airports

FliteDeck Pro displays the Route Airports popover. The ETP alternate airports appear in the Alternate Airports section.

2. Tap the alternate airport whose terminal information you want to view.

3. Tap the terminal chart category button for the charts that you want to view, and then select the charts.

Working with plotted points

FliteDeck Pro enables you to plot points, including the date, time, and coordinates, at designated intervals along your route.

If GPS is available, FliteDeck Pro assigns the coordinates based on the current aircraft position. If GPS is not available, you can add the coordinates manually.

If you are adding plotted points to your route, be aware of the following facts:

- When you save the flight, the points are saved along with other flight information. A **Plotting Info** link appears in the list of saved flights when a flight was saved with ETOPS route points or plotted points. This link also appears when flight information was added using the Plotting Info popover.

- When the saved flight is loaded, the points are loaded with it and appear on the enroute map. Any later changes overwrite the previously saved points when you save the flight again.

- Plotted points that you create in one theme are visible in all other themes. For example, points created in the Low IFR theme are visible in the High IFR theme.

- Plotted points on the route are visible at all zoom levels.

- The points are cleared from the enroute map when you clear the route.

Marking a plotted point with GPS connectivity

If you have GPS connectivity, you can plot points based on current aircraft position.

To enable FliteDeck Pro to add the coordinates based on current aircraft position, **Enable Moving Map** must be set to ON in global app settings and your GPS accuracy must be 600 meters or less.

1. Tap the **Plot Position** button on the toolbar.

2. Tap a point along your route.

   FliteDeck Pro displays a point on the map representing your current aircraft position with the latitude and longitude coordinates. The point is named with the UTC time at which the plot was pointed. You can edit the details of a plotted point.

Marking a plotted point without GPS connectivity

If you do not have GPS connectivity, you can plot points manually.

1. Tap the **Plot Position** button on the toolbar.

FliteDeck Pro displays the Position Details popover when no GPS connectivity is available. The default name of the point is the UTC time at which the point was plotted. You can edit the details of the point.

2. Tap **Lat** and enter the latitude coordinate.

    If the coordinate is not entered correctly, FliteDeck Pro displays `Not Valid`.

3. Tap **Long** and enter the longitude coordinate.

4. To change the name of the point, tap **Name** and enter a name.

5. To add notes, tap in **Comment** box and enter the text.
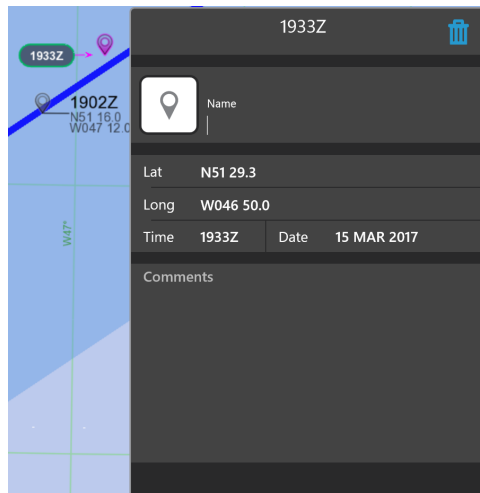
6. Tap **Done**.

The point appears on the map with the name and coordinates entered.

Editing plotted point

You can edit the details of any plotted point. You can edit the name, latitude and longitude coordinates, time, date, and comment text.

1. Tap, hold, and release the point on the enroute map

   FliteDeck Pro displays the Plotted Point popover.

2. Tap the box that you want to edit; then revise the information.

    If a coordinate is not entered correctly, FliteDeck Pro displays `Not Valid`.

3. Tap **Done**.

Deleting a plotted point

You can delete a plotted point from the enroute map.

1. Tap and hold the positional route object on the enroute map.

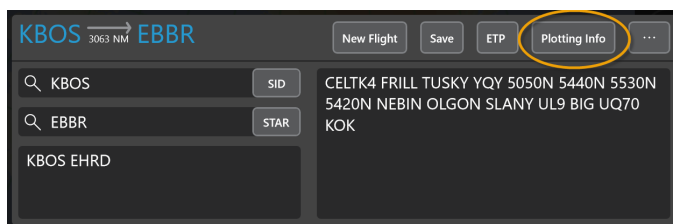   FliteDeck Pro displays the Position Details popover.
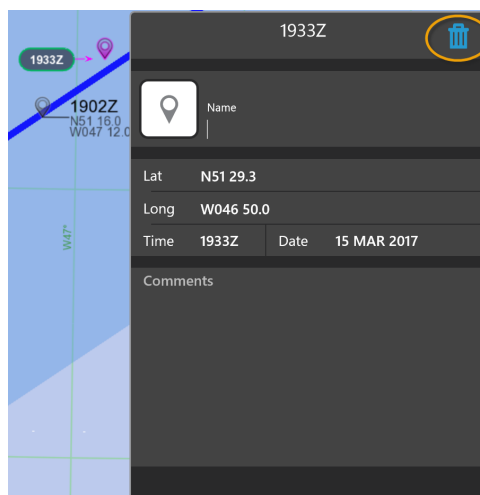
2. Tap the **Delete** (trash can) button.

   FliteDeck Pro prompts you to confirm the deletion.

3. Tap **OK**.

   FliteDeck Pro removes the point from the route.

# Viewing and modifying plotting information

When you save a flight, FliteDeck Pro associates the flight number, date, aircraft, captain, and any comments with any points that you entered. You can edit these details.

1. Open the Flight Info drawer.

2. Tap **Plotting Info**.

   This button is enabled after you enter the origin and destination.

FliteDeck Pro displays the Plotting Info popover, which lists the flight summary and the ETOPS and plotted route points that have been added to the route. You can edit the details in the summary section.
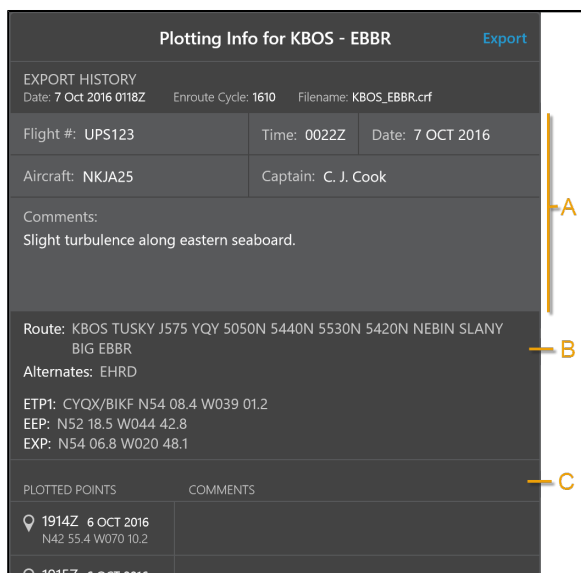
A   Editable boxes for flight information

B   ETOPS route points, if present

C   Plotted points

---

3. In the summary section, tap the box that you want to edit, and then enter the new information.
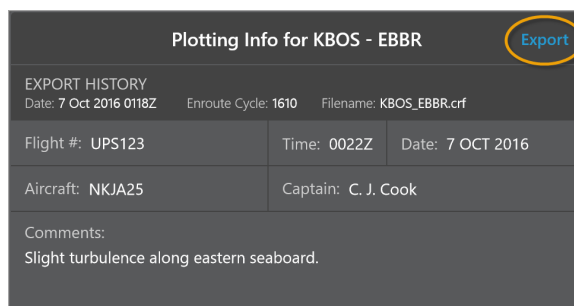
4. Tap **Done**.

Exporting plotting information for the active flight

You can export plotting information for the active flight so that other crewmembers or airline personnel can import that information to another device running FliteDeck Pro.

FliteDeck Pro saves the export as a CRF file, which can be opened in FliteDeck Pro. With this file, another crewmember can get plotted points easily, including any ETOPS points, and then continue to add other points to the flight.

1. Open the FliteDeck Pro Flight Info drawer.

2. Tap **Plotting Info**.

   FliteDeck Pro displays the plotting information, including any ETOPS route points.

Plotting Info for KBOS - EBBR		Export
EXPORT HISTORY		
Date: **7 Oct 2016 0118Z** Enroute Cycle: **1610** Filename: **KBOS_EBBR.crf**		
Flight #: **UPS123**	Time: **0022Z**	Date: **7 OCT 2016**
Aircraft: **NKJA25**	Captain: **C. J. Cook**	
Comments:		
Slight turbulence along eastern seaboard.		

3. Tap **Export**.

   FliteDeck Pro displays the Windows Save As dialog box.

   The default file name follows this pattern: `[aircraft ID]_[flight number].crf`. If these values are not available, then the file name follows this pattern: `[ident of first route point]_[ident of last route point].crf`.

4. To change the location or file name, select the location and enter a file name.

5. Tap **Save**.

6. Share the CRF file with the other device (for example, by using Dropbox, OneDrive, or another method).

# Exporting plotting information from a saved flight

You can export plotting information for a saved flight so that other crew members or airline personnel can import that information to another device running FliteDeck Pro.

FliteDeck Pro saves the export as a .crf file, which can be opened in FliteDeck Pro.

1. Open the Flight Info drawer.

2. Tap **Saved Flights**.

   FliteDeck Pro displays the list of flights that you have saved on your device. If a flight contains any plotted points, a **Plotting Info** link appears.
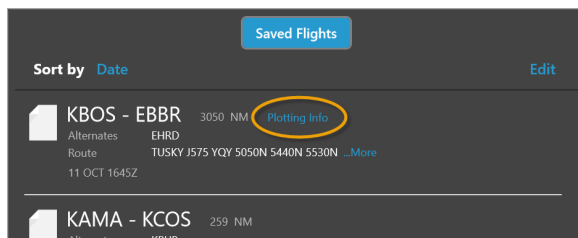
3. Tap **Plotting Info**.

   FliteDeck Pro displays the Plotting Info popover.

4. Tap **Export**.

   FliteDeck Pro displays the Save As dialog box.

   The default file name follows this pattern: `[aircraft ID]_[flight number].crf`. If these values are not available, then the file name follows this pattern: `[ident of first route point]_[ident of last route point].crf`.

5. To change the location or file name, select the location and enter a file name.
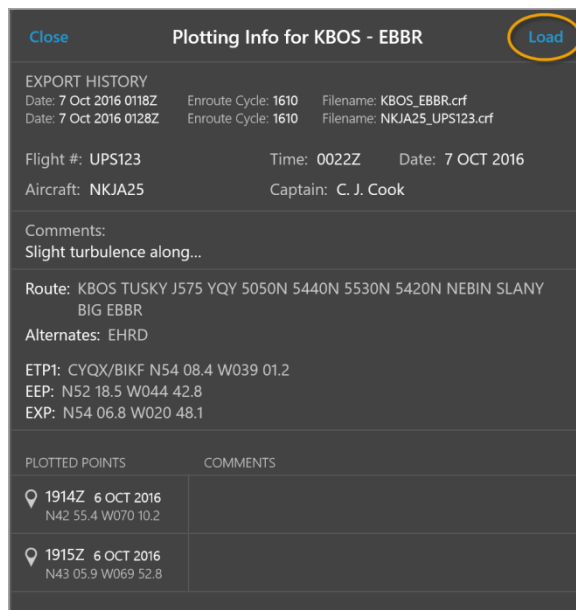
6. Tap **Save**.

Importing a route with plotting information

You can open an export (CRF) file of plotting information in FliteDeck Pro and import the route as the active flight.

1. Open the location where the export file resides (for example, from Drop Box, OneDrive, or another method).

2. Double-tap the export (CRF) file.

   FliteDeck Pro opens and displays the Plotting Info popover. This popover shows the export history, flight information, ETOPS route points, and plotted points.

3. To import the plotting information, tap **Load**.

4. Tap **Load** in the confirmation message.

   FliteDeck Pro imports the plotting information and makes the flight the active flight on your device.

   📝 **Note:** If the CRF file is damaged, FliteDeck Pro prevents it from loading.

5. To review the imported information, open the Flight Info drawer and tap **Plotting Info**.

6. To edit any of the information in the flight summary section, tap in the appropriate box and enter the new text.

7. To dismiss the popover, tap away from it.

8. To add or edit ETOPS route points, open the Flight Info drawer, tap **ETP**, and then enter changes in the ETP/ETOPS popover.

Working with saved flights

After you save a flight, you can view it later, sort your view of saved flights, duplicate a flight, or delete a saved flight. You can also load a saved flight as part of a new flight.
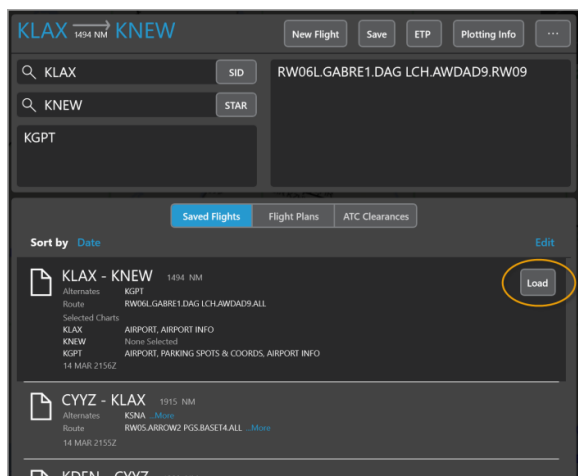
Topics:

Loading a saved flight

A saved flight can include origin and destination points, alternate airports, the route description, and any selected terminal charts that are associated with the flight.

1. Open the Flight Info drawer.

2. Tap **Saved Flights** at the bottom of the drawer.

3. To expand its view, tap a saved flight from the list of saved flights.

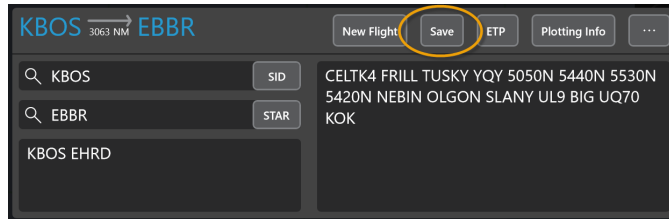   The details area of the selected flight includes a **Load** button.

4. Tap **Load**.

FliteDeck Pro loads the flight information, and the flight becomes the active flight.

Saving the active flight

You can keep a list of saved flights on your device. One way to add to this list is to save the active flight.

1. Open the Flight Info drawer.

2. Tap **Save** at the top of the drawer.

FliteDeck Pro adds this flight to the Saved Flights list.

> **Note:** A saved flight includes the route description and any selected terminal charts that are associated with the flight. It also includes any ETOPS route points, plotted points, or plotting information that was saved to the flight.

Duplicating a saved flight

You can duplicate a saved flight and use it to create a flight.

Assume that you want to plan for two scenarios for the same airport pair. You can create the flight, select your charts, and save the flight. Then duplicate the saved flight and change the duplicated flight for the second scenario.

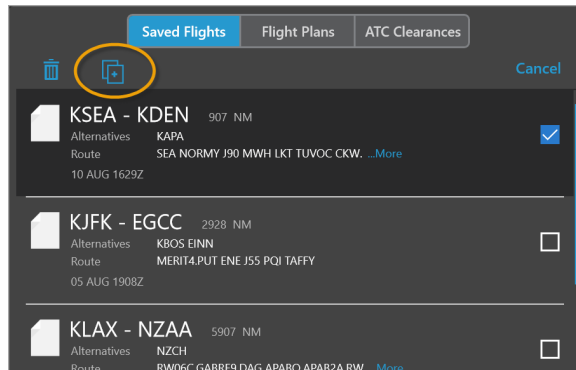1. Open the Flight Info drawer.

2. Tap **Saved Flights**.

3. Tap **Edit**.

4. Tap the flight that you want to duplicate.

FliteDeck Pro places a check mark next to the selected flight. (To clear the selection, tap **Cancel**.)

5. Tap the **Duplicate** (plus sign) button.

The duplicated route appears next to the original route in the list of saved flights.

Sorting saved flights

You can sort your list of saved flights by name or by date.

1. Open the Flight Info drawer.

2. Tap **Saved Flights**.

    By default, flights are sorted by date. They can also be sorted by name.

3. To sort flights by the date updated, tap **Sort by Date**, or to sort flights by name, tap **Sort by Name**.
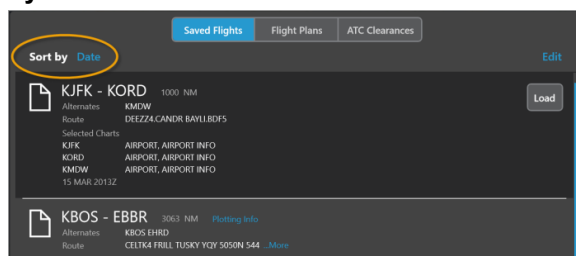

FliteDeck Pro names flights by using the airport identifiers for the origin and destination points.

Deleting a saved flight

You can delete a flight from your list of saved flights.

1. Open the Flight Info drawer.

2. Tap **Saved Flights**.

3. Tap **Edit**.

4. Tap the flight that you want to delete.

   FliteDeck Pro places a check mark next to the selected flight and enables the **Delete** button at the top of the list.
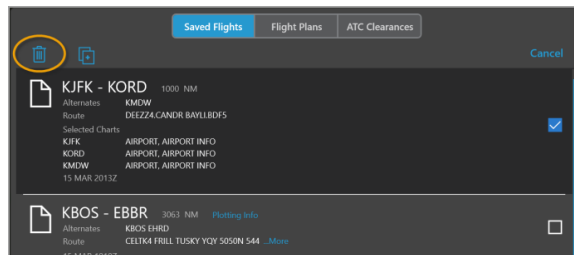

5. Tap the **Delete** (trash can) button.

Saving a flight plan without loading it

If your device is set up to import routes from a flight-planning service, you can save a route from this service without loading it as the active flight.

To view flight plans, make sure that you have an Internet connection and that credentials for the flight-planning service are entered in settings. Contact your system administrator for help with flight plan credentials.

1. Open the Flight Info drawer.

2. Tap **Flight Plans** at the bottom of the drawer.

3. If prompted, enter the call sign, and then tap **Enter** on the keyboard.

4. To expand its view, tap a flight plan route.
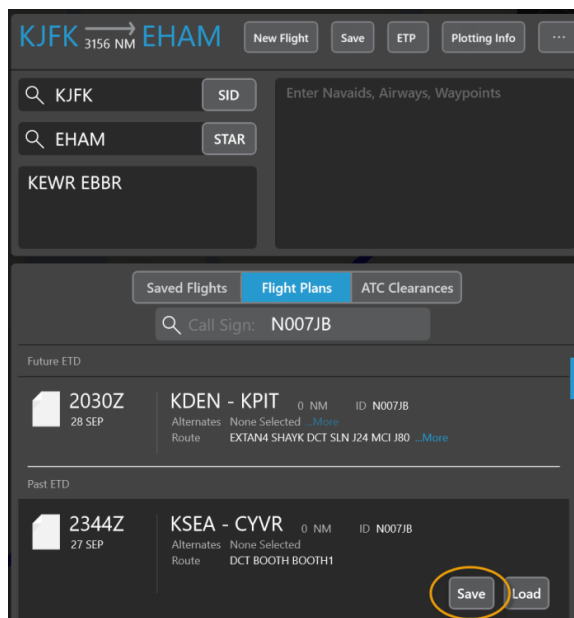
5. Tap **Save** next to the flight plan route that you want to add to your list of saved flights.

    FliteDeck Pro adds the flight plan route to the list of saved flights. This method of saving a flight plan does not change the active flight.

Saving an ATC-cleared route without loading it

You can save an ATC-cleared route without loading it as the active flight.

1. Open the Flight Info drawer.

2. Tap **ATC Clearances** at the bottom of the drawer.

3. Tap the route you want from the list.

    FliteDeck Pro highlights the cleared route.

4. Tap **Save**.
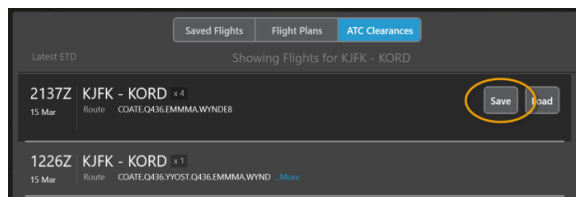
FliteDeck Pro adds the route to the Saved Flights list. This method of saving a route does not change the active flight.

Saving a flight using a QR code

You can encode the active flight as a QR code and save it to a local drive for sharing or distributing.

1. Open the Flight Info drawer.

2. Tap the **More** (ellipsis) button.

3. Tap **Encode QR Route**.

4. Tap **Save** in the QR code box.

    FliteDeck Pro displays the Windows Save As dialog box. The default name of the QR code includes the ICAO or IATA codes of the origin and destination airports.

5. Confirm or change the name and location of the QR code.

6. Tap **Save**.

Accessing enroute information

In FliteDeck Pro you can filter map objects to customize your view of the enroute map. The app also presents route-based information along your route in a way that minimizes your need to interact with the app during flight.
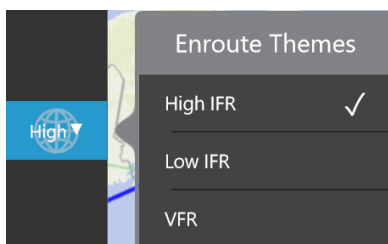
Topics:

Adjusting your enroute map view

Viewing your flight with respect to the enroute air structure improves situational awareness.

About enroute themes

FliteDeck Pro identifies the selected enroute theme on the control bar and above the Flight Info drawer tab.

FliteDeck Pro displays the enroute map in one of three enroute themes:

- High IFR. Provides aeronautical information for enroute navigation that facilitates operations generally above FL180.
- Low IFR. Provides aeronautical information for enroute instrument navigation that facilitates operations generally below FL180.
- VFR. Provides aeronautical information for conducting flight under visual conditions in the United States and parts of Europe. This theme is optional. (Go to the Jeppesen Technical Support page for VFR coverage areas.)

> 📝 **Note:** To display the VFR enroute theme, make sure that **Display VFR Theme** is set
> to ON in settings (if your company provides this option).

Switching enroute themes

You can change enroute themes while viewing the enroute map.

1. Tap the **Enroute Theme** button on the control bar.
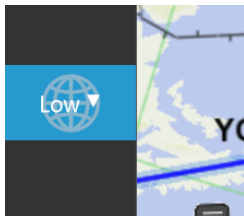
2. Tap the theme that you want to view: **High IFR**, **Low IFR**, or **VFR**.

   FliteDeck Pro switches the map view to the selected theme.

   > 📝 **Note:** When you change to another enroute theme, certain route objects might
   > not be included in the theme that you switch to. In that case, FliteDeck Pro
   > displays the object as a standard waypoint on the enroute map. When you switch
   > back to the theme that includes the object, FliteDeck Pro displays the object as it
   > was originally defined.
   >
   > For example, if you add a VFR checkpoint to your route from the VFR enroute
   > theme, and then switch to the Low IFR enroute theme, FliteDeck Pro displays the
   > checkpoint with a standard waypoint symbol.

   If you are viewing terminal charts and you tap the **Enroute Theme** button, FliteDeck Pro
   switches your view to the enroute map in the enroute theme shown on the button.

Displaying the ownship symbol on the enroute map

If you are authorized to display the ownship symbol in flight, this symbol shows your current
aircraft position based on GPS data. The tip of the chevron in the symbol corresponds to the
present position of the aircraft.

To display the ownship symbol, first make sure that your GPS accuracy is better than 600
meters.

1. Open global app settings.
2. In the Enroute View section, switch **Enable Moving Map** to ON.

3. Switch **Display Ownship** to ON.

> 📋 **Note:** Centering the map over the current aircraft position and displaying the ownship symbol on the enroute map are actions designed to improve situational awareness during flight. These functions are not to be used for navigation.

Viewing the moving map

You can enable the moving map regardless of whether you display the ownship position.

To use the moving map, first make sure that your GPS accuracy is better than 600 meters.

When you enable the moving map, the map and the Route list move along with the ownship position (without displaying the ownship symbol), and the **Present Position**. The **Map Orientation** buttons are also available.

1. Open global app settings.
2. In the Enroute View section, switch **Enable Moving Map** to ON.

Viewing present position

You can recenter the enroute map over your current position after you have panned away.

The **Present Position** button is available on the enroute map only when **Enable Moving Map** in global settings is set to ON and GPS accuracy is better than 200 meters. The button appears when you pan away from current ownship position.

When the moving map is enabled, any action that pans the map stops it from moving. To resume the moving map, tap the **Present Position** button on the enroute map.

Switching map orientation

You can display the enroute map in North Up or Track Up orientation.

The **Track Up** button appears on the enroute map only when **Enable Moving Map** is set to ON in global app settings and GPS accuracy is better than 200 meters.

To change the enroute map orientation, tap **North Up** or **Track Up**.

Viewing distance

The distance measuring tool displays a set of rings or arcs that you can use to view distance on the enroute map.
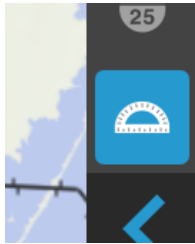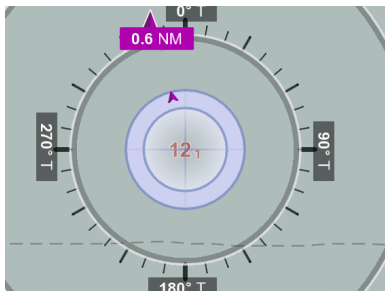

To show and hide the rings or arcs, tap the **Distance Measuring Tool** button.

As you zoom in or out, the rings change with the map scale. The ring closest to the center includes a compass rose that shows true north, south, east, and west.

Determining distance with the offset indicator

You can use the distance measuring tool to determine the distance between an object on the enroute map and your current aircraft position.

You can determine the distance and direction of an object to your aircraft position only when **Enable Moving Map** in global app settings is set to ON and GPS accuracy is better than 600 meters.

1. To show the range rings or arcs, tap the **Distance Measuring Tool** button.

2. Pan the map so that the map object in question is in the center of the inner range ring.

   A magenta offset indicator appears, showing distance and direction to your aircraft position. If you switch the range rings off, the offset indicator no longer appears.

Working with the Route list
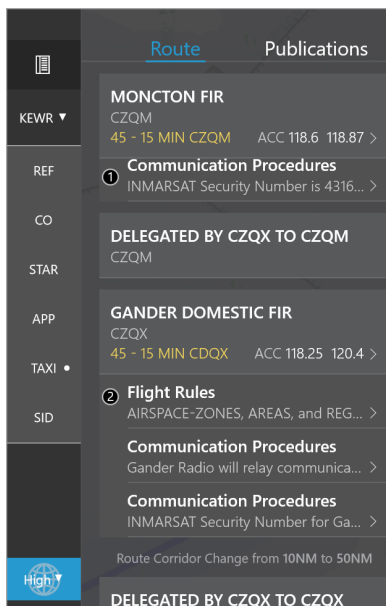
To minimize your interaction with the app during flight, FliteDeck Pro gathers navigation objects from the enroute map and automatically displays them in the Route list , based on the context of your flight.

Key information includes operational notes (such as prior notifications), CPDLC logins, communication frequencies, waypoints, airports, airspaces, and compulsory reporting points.

The Route list displays information in sequential order as you traverse your route. It filters details by direction, applicability to specific FIR sectors, and entry or exit from a given airspace.

About the Route list

The Route list displays objects that are in or intersect with the route corridor. The top of the list corresponds with the beginning of the route.

Objects with operational notes are numbered when the object intersects the route corridor. The numbers start with 1 at the origin and increment as you progress toward the destination. When an operational note is associated with a permanent user waypoint that intersects the route corridor, the note is identified with the label *Off Route*.

You can scroll the list by dragging your finger up and down. You can also set the list to scroll along with the moving map.

Note: FliteDeck Pro scrolls the Route list along with the moving map when **Enable Moving Map** is set to ON in global app settings and the GPS minimum requirements are met.

When the list scrolls, objects within a FIR boundary move up underneath the FIR row in the list. When the final object for that FIR scrolls under the FIR, the next FIR scrolls to the top.

If you modify your route, the Route list refreshes and any numbered notes along your route might be renumbered accordingly.

Showing and hiding the Route list

To display information in the Route list, enter two or more points in the Flight Info drawer.

1. Tap **Route list** on the FliteDeck Pro control bar while viewing the enroute map.
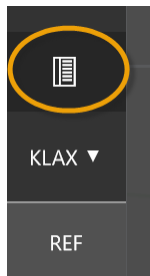

2. If the tab is not already selected, tap the **Route** tab.

    The Route list contains two tabs from the enroute map: **Route** and **Publications**. FliteDeck Pro opens to the most recently viewed tab.

3. To collapse and expand the Route list, swipe the handle at the bottom of the list up and down.

Viewing the Route list with the moving map

With the moving map engaged, the Route list scrolls as the ownship position passes over navigation objects on the map.

*   To engage the moving map, switch **Enable Moving Map** to ON in global app settings.

    As the ownship position passes over an object in the Route list (such as waypoints and navaids), that object moves under the FIR.

*   To show the ownship symbol on the enroute map with an indicator in the Route list, switch **Display Ownship** to ON in global app settings. Your device must also have a GPS accuracy that is 600 meters or better.

    A magenta line represents the next active waypoint along your route in the Route list.
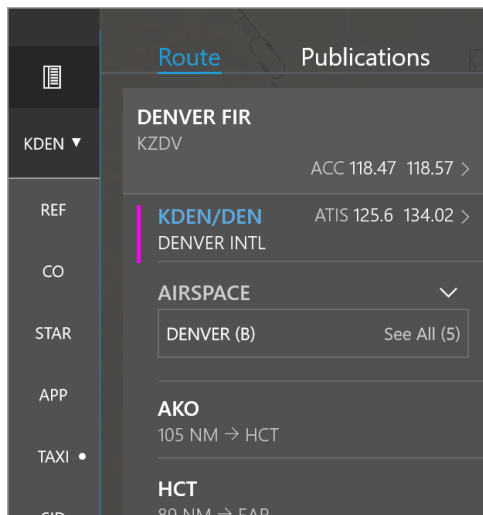
> **Note:** When the moving map is engaged, any action that pans the map stops it from moving. To resume the moving map, tap the **Present Position** button from the enroute map.

Adjusting the route corridor

The route corridor is the shaded area that extends from each side of your route.

FliteDeck Pro displays objects from this route corridor in the Route list. The width of the route corridor determines how much information appears in the Route list. When the corridor is wider, more notes and route-based information appear in the Route list.

The default width of the route corridor overland (the **Default** setting) is 10 NM . The default width of the corridor over sea (the **Oceanic** setting) is 25 NM.

📝 **Note:** The route corridor changes from **Default** setting to **Oceanic** setting at FIR/UIR boundaries.

You can adjust the route corridor with or without an active flight in the Flight Info drawer.

1. Tap the **Settings** button on the toolbar.

2. Scroll to the Enroute View section.
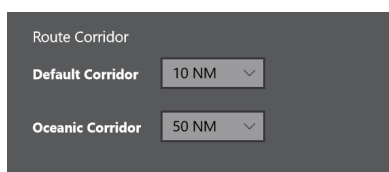
3. Tap the setting next to **Default Corridor** or **Oceanic Corridor** and select the setting you want to use.

Viewing details in the Route list

You can view other details about items in the Route list.

1. Tap an object in the Route list.
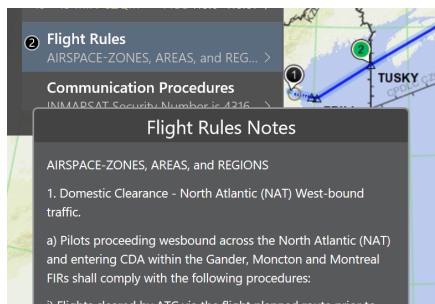
FliteDeck Pro selects the object on the map, and displays more details about the object.

2. To dismiss the details popover, tap away from it.

Changing the display of communication frequencies

FliteDeck Pro displays FIR communication frequencies in the Route list using the first two ACC frequencies by default. For airports, FliteDeck Pro displays the ATIS frequency by default. You can change these defaults in the Route list.

1. Tap the airport or FIR communication frequency in the Route list.

2. Tap **See All** for a complete list of frequencies. FliteDeck Pro expands the list of frequencies.
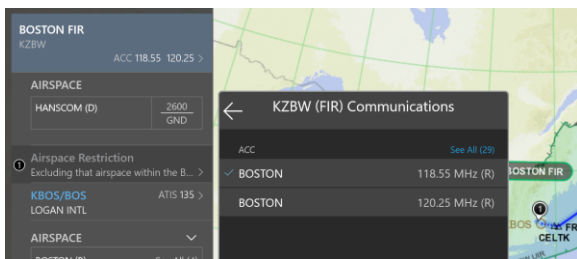
3. Scroll the list and tap the frequency you want. FliteDeck Pro places a check mark next to the selected frequency.

4. To dismiss the Communications popover, tap outside it.

   FliteDeck Pro refreshes the frequencies that appear in the Route list.

Searching the Route list

Using the search function in FliteDeck Pro, you can search for fixes that are in the Route list.

1. If the Route list is not already open, tap the **Route list** button on the control bar from the enroute map.

2. Tap the **Search** button on the toolbar.
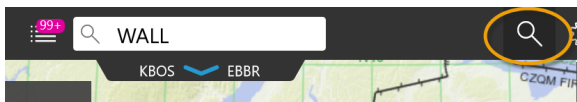
3. To begin a search, enter text in the search box.

4. Tap the **Search** button inside the search field.

5. Do one of the following actions:

- Tap the **Search Results** button. To refine the results, tap a category tab at the top of the search results popover.

- Scroll the Route list and tap a highlighted item from the Route list.

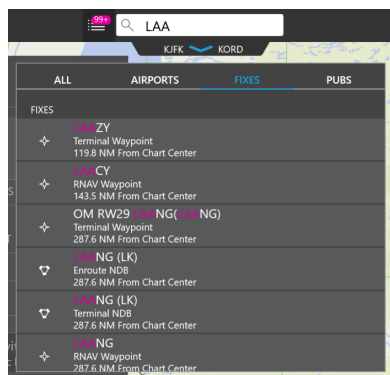When you tap a search result, FliteDeck Pro closes the search results popover. Then the app selects the object, centers the viewable map area over the object, and displays details about the object.

6. To remove the search term and leave the search box open, tap **X** inside the search box.

7. To close the search box, tap the **Search** button on the toolbar.

Working with publications

From the enroute map, you can access Jeppesen Airway Manual text, contingency and reference notes), enroute change notices, and company manuals.

Viewing Jeppesen Airway Manuals

FliteDeck Pro provides fully indexed and searchable Jeppesen Standard Airway Manual text.

1. If the Route list is not already open, tap the Route list button from the enroute map.

2. Tap the **Publications** tab.
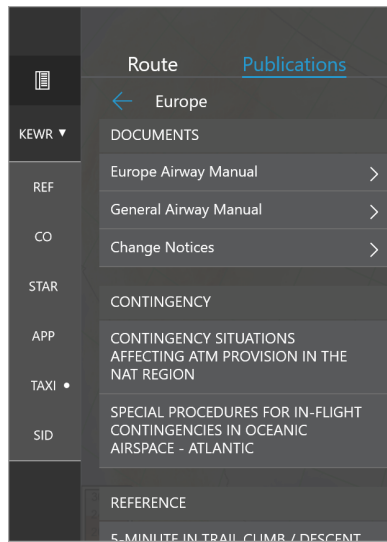
FliteDeck Pro displays a list of publications for the most recently viewed category of information. You might need to tap the **Back** button to return to a list of publications.

3. Tap the **Region** flyout from the list.

4. Under Documents, tap the title of the manual to select it.

   FliteDeck Pro displays the top-level sections of the airway manual.

5. Scroll through the list and tap a topic flyout.

   FliteDeck Pro displays a list of subtopics for that topic.

6. From the list of subtopics, yap the title of the content you want to view.

   The content viewer opens and displays the content.

7. With the viewer open, you can do the following actions:

   - To expand the content viewer to full-screen, scroll the content or tap the **Expand Content** button.

   - Swipe the handle at the bottom of the content viewer up and down to view the information and the map.

8. To close the content viewer, tap the **X** at the top of the display

Viewing enroute change notices

Jeppesen NavData change notices highlight significant changes affecting Jeppesen navigation data that your aircraft flight management system might use.

Jeppesen NavData change notices include significant information changes affecting enroute area environments. Entries are published until the temporary condition no longer exists, or until the permanent change is made to the database. (In earlier FliteDeck Pro releases, enroute change notices were available from the **Manuals** button from the FliteDeck Pro toolbar.)

1. If the Route list is not already open, tap the Route list button while viewing the enroute map.

2. Tap the **Publications** tab.

   FliteDeck Pro displays a list of publications for the most recently viewed category of information. You might need to tap the **Back** button to return to a list of publications.

3. Under Documents, tap **Change Notices**.

   FliteDeck Pro displays the regions for the change notices.
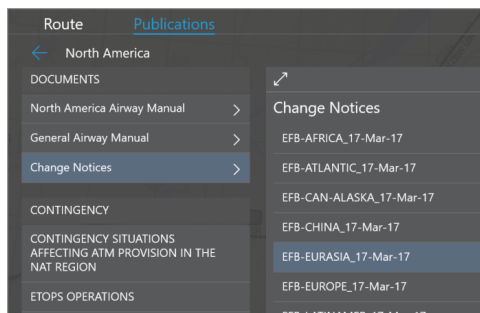
4. Tap a region.

   FliteDeck Pro displays the content for the selected notice.

About change notices

You can view enroute change notices and on-demand change notices on the Publications tab, available from the Route list.

Enroute change notices

Enroute change notices are issued weekly and include significant temporary and permanent information changes that affect the flight data stored in your aircraft flight management system. Entries are published until the temporary condition no longer exists, or until the permanent change has been included in your data update.

(In previous FliteDeck Pro releases, enroute change notices were available from the **Manuals** button from the toolbar.)

On-demand change notices

You can view the most recent change notices by tapping the Jeppesen.com link at the bottom of the Change Notices list. These on-demand change notices contain the same content that enroute change notices contain. However, the on-demand change notices are updated daily, and you can search for a single airport or FIR.

Viewing company manuals

If your company subscribes to Jeppesen Document Management Services, company documents might also be available from the Publications tab.

1. If the Route list is not already open, tap the **Route list** button from the enroute map.

2. Tap the **Publications** tab.

   FliteDeck Pro displays a list of publications for the most recently viewed category of information. You might need to tap the **Back** button to return to a list of publications and select a region.

3. Tap **Company Manuals**.

   FliteDeck Pro displays a list of Company Manuals.
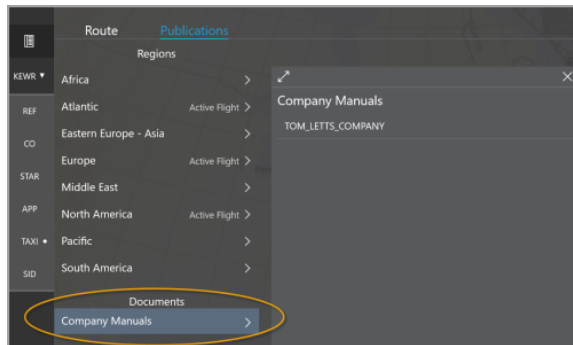
4. To select a manual, tap it.

   FliteDeck Pro opens the content viewer and displays the content.

5. You can do the following actions in the content viewer:

   - To view the content, scroll through it. To expand the content viewer to full-screen, tap the **Expand Content** button.

   - Swipe the handle up and back down from the bottom of the content viewer to view the information and the map.

   - To share and open the manual with a PDF reader or another application of your choice, tap the **Share** button.

6. To close the content viewer, tap the **X** at the top of the display.

Viewing region notes

The Publications tab displays contingency and reference notes that are associated with the region of the flight.

- Contingency notes provide information, plans, or, procedures to adhere to in weather and Air Traffic Control situations.

  In earlier FliteDeck Pro releases, these notes were available on the Reference tab from the Notes popover. On precomposed, paper enroute charts, these notes are available on the end panels.

- Reference notes are more general and provide procedural and reference information, or act as a pointer to the Jeppesen Airway Manual text pages.

  In earlier FliteDeck Pro releases, these notes were also available on the Reference tab from the Notes popover. On precomposed, paper enroute charts, these notes are available on the end panel.

1. If the Route list is not already open, tap the **Route list** button from the enroute map.

2. Tap the **Publications** tab.

   FliteDeck Pro displays a list of publications for the most recently viewed category of information. You might need to tap the **Back** button to return to a list of publications or a region.

3. Tap a region, if one is not already selected.

   FliteDeck Pro displays contingency notes and reference notes.

4. Tap the note that you want to view.
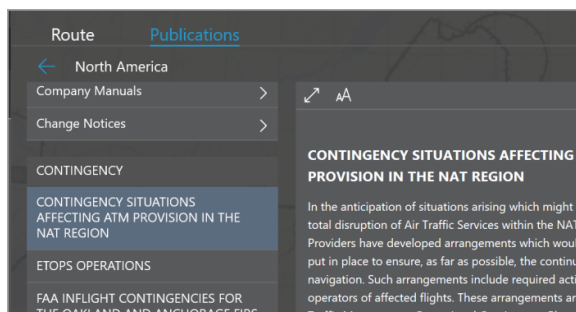
   FliteDeck Pro displays the note text in the content viewer.

5. Do one of the following actions:

   • To view longer notes, scroll the note or tap the **Expand Content** button to expand the content viewer to full-screen.

   • To view the note and the enroute map, swipe the handle up and back down from the bottom of the content viewer.

6. To close the content viewer, tap the **X** at the top of the display.

Searching publications

When you perform a search from the enroute map, FliteDeck Pro searches the map, the Route list, and text in all notes and Jeppesen Airway Manuals. FliteDeck Pro does not search text in company manuals.

1. If the Route list is not already open, tap the **Route list** button from the enroute map.

2. Tap the **Publications** tab.

3. Tap the **Search** button on the toolbar.

4. To begin a search, enter text in the search box.
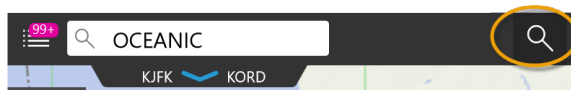
   FliteDeck Pro shows the number of results on the **Search Results** button. The app also places a magenta dot next to any publication containing the search term. It also highlights the text contained in any note that matches the search term.

5. To view the search results, do one of the following actions:

    - Tap the **Search Results** button and refine the results by tapping the **Publications** category tab.
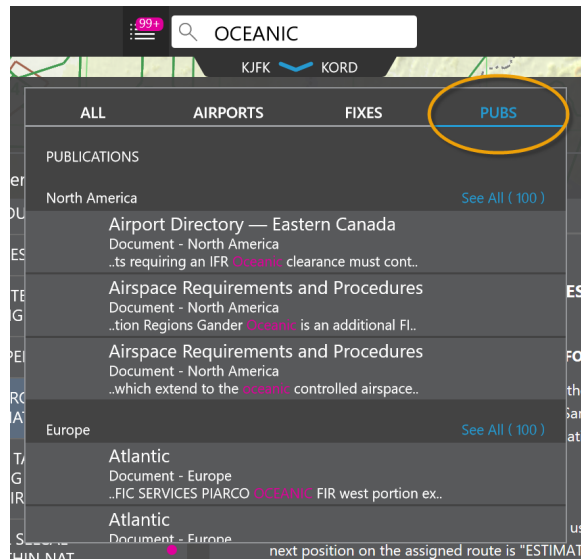
    - Scroll the **Publications** tab and tap the highlighted search result.

6. Tap a search result.

    FliteDeck Pro displays the search result text in the content viewer. If the search term is contained in an Airway Manual, you might have to choose from manual topics to display the content in the content viewer.

7. To dismiss the details, tap the **X** at the top of the details display.

8. To clear the search term, tap the **X** inside the search box.

9. To dismiss the search box, tap the **Search** button on the toolbar.

Viewing enroute map objects

You can learn more about any object by tapping its symbol on the enroute map.

- Short-tap a map object displays the object label. To display more details about the object and any notes, tap the selected object again.
- Long-tap (touch, hold, and release) a map object to select the object on the map and any associated notes. and displays details about the object and any notes.
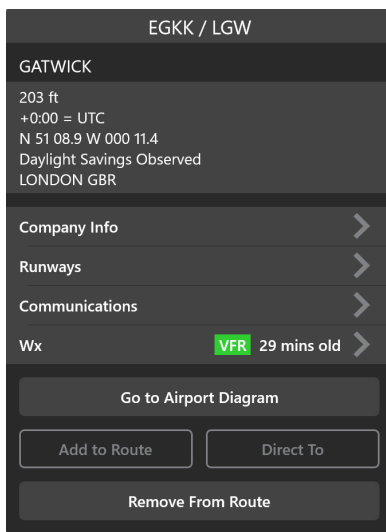- Tap away from the details to dismiss the details and deselect the map object.

Depending on where you tap on the map, you might need to select from a list of objects. The **Back** button above the details returns you to the list of multiple objects.

Selected objects stay selected when you pan and zoom the map.

Note: When the Route list is open and you select a map object that is also in the Route list, that object's FIR scrolls to the top of the Route list. If Moving Map is enabled when you select a map object, map motion ceases. Tapping the **Present Position** button from the map resumes the moving map.

Viewing airport details

Airport details include notes and information about runways, communication frequencies, and other information for that airport.

```
                    EGKK / LGW

    GATWICK

    203 ft
    +0:00 = UTC
    N 51 08.9 W 000 11.4
    Daylight Savings Observed
    LONDON GBR

    Company Info                          >

    Runways                               >

    Communications                        >

    Wx                  VFR  29 mins old  >

            Go to Airport Diagram

       Add to Route    |    Direct To

            Remove From Route
```
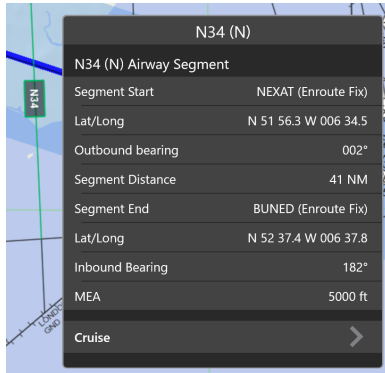
To view details about an airport, tap the airport symbol on the enroute map.

From the Airport details, you can access terminal weather and any airport diagrams for the selected airport. You can also add or remove the airport from your route. Tapping **Direct To** removes all route points between your current aircraft position and the selected airport.

Note: The **Direct To** option is available when **Enable Moving Map** in global settings is set to ON and GPS accuracy is better than 200 meters. If your company provides supplemental enroute data for the airport, the app provides customized airport information from the Company Info flyout.

Viewing airway details

Airway details include information about outbound and inbound bearings, segment starts and ends, segment distances, mileage between navaids, and any altitude requirements. Airway details also provide access to cruise tables and any restrictions.

N34 (N)	
N34 (N) Airway Segment	
Segment Start	NEXAT (Enroute Fix)
Lat/Long	N 51 56.3 W 006 34.5
Outbound bearing	002°
Segment Distance	41 NM
Segment End	BUNED (Enroute Fix)
Lat/Long	N 52 37.4 W 006 37.8
Inbound Bearing	182°
MEA	5000 ft
Cruise	>

To view details for an airway, tap an airway on the enroute map.

If you are showing organized track systems data on the map, tap a specific track to view details for that track. Track details show when the track information is current or future-effective. When tracks expire, they are removed from view.

FliteDeck Pro displays distances between VORs, changeover points, and signal gaps on an airway when zoomed in to an appropriate zoom level.

About VFR route details

You can view VFR routes when you select the VFR enroute theme.

VFR routes include advisory routes, VFR flyways, military low-flying routes, military training routes, VFR transition routes-Europe, and VFR transition routes-USA.

Viewing fix and waypoint details

Enroute fix and waypoint details include latitude and longitude coordinates, usage, and any intersection information.
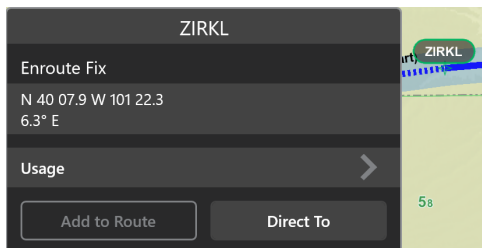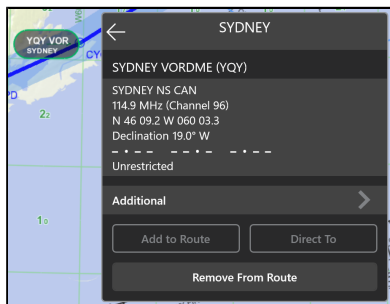

- To view details, tap the waypoint or enroute fix on the enroute map.
- To add the waypoint to your route, tap **Add To Route**.
- To remove the waypoint from your route, tap **Remove From Route**.
- To remove all route points between your current aircraft position and the selected waypoint, tap **Direct To**.

  Note: The **Direct To** option is available when **Enable Moving Map** in global settings is set to ON and GPS accuracy is better than 200 meters.

Viewing navaid details

Navaid details include the identifier, latitude and longitude coordinates, station declination and magnetic variation, and type of navaid.


- To view details for a navaid, tap the navaid on the enroute map.
- To add the navaid to your route, tap **Add To Route**.
- To remove the navaid from your route, tap **Remove From Route**.
- To remove all route points between your current aircraft position and the selected navaid, tap **Direct To**.

  Note: The **Direct To** option is available when **Enable Moving Map** in global settings is set to ON and GPS accuracy is better than 200 meters.

Viewing airspace details

You can view details specific to the type of airspace selected and any associated notes. FIR/UIR airspace includes altitude limits, communication frequencies, and cruise levels.
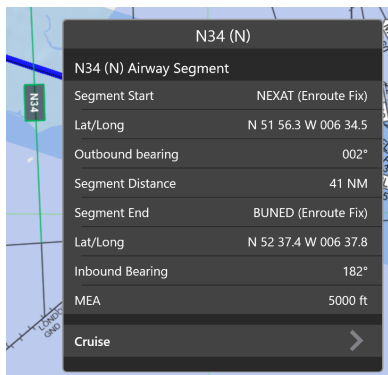
To view details about an airspace, tap the airspace boundary, or a point within the polygon, and then tap the FIR from the Multiple Objects popover.

If your company publishes ETOPS rings as part of its supplemental enroute data, you can view ETOPS rings on the map. However, you cannot tap them to access more details.

### About VFR airspace details

VFR airspace includes boundaries for Special Use Airspace (SUAA) and Special Use Activity (SUAP).

VFR Special Use Airspace (SUAA) includes flight information zones, helicopter traffic areas, helicopter traffic zones, VFR traffic areas, bird areas, and glider areas.

VFR Special Use Activity (SUAP) includes bird areas, gas venting areas, intense radio areas, parachute areas, and prohibited overflight.
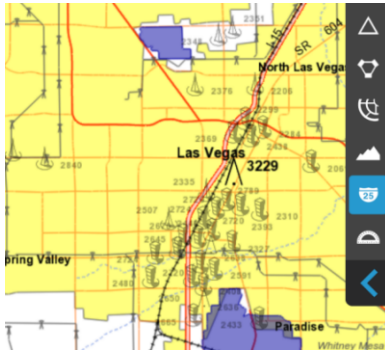
Viewing terrain details

FliteDeck Pro displays terrain when the view is zoomed in to 60 NM/in and less.
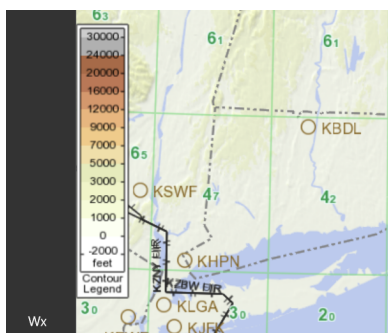
To hide the terrain legend, tap the **Settings** button on the toolbar, scroll to the Enroute View section, and switch **Terrain Legend** to OFF.

Viewing cultural details

Cultural objects, which include obstacles such as towers, are available from the VFR enroute theme.

The **Cultural** button controls the display of city names, city patterns, high tension lines, obstacles, railroads, and roads. VFR obstacles include buildings, towers, plants, catenaries (suspended bridges), windmills, and other objects.

To view details about an obstacle in the VFR theme, tap the obstacle symbol.

Viewing operational notes

You can view operational notes from the enroute map. The object associated with the note can be part of your route and numbered, or not a part of your route and not numbered. Notes are divided into separate topics and appear by type label.
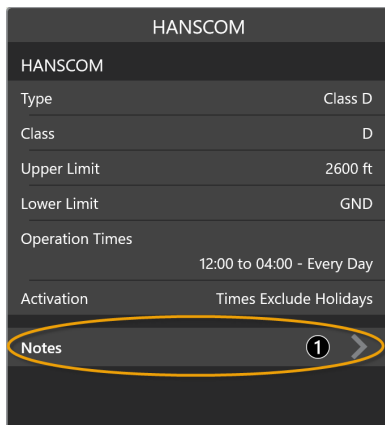
To view notes, tap the **Notes** symbol on the enroute map from the object details.

When you are viewing IFR themes, FliteDeck Pro shows only IFR notes for all objects in the respective IFR theme (high or low). When you are viewing the VFR theme, FliteDeck Pro shows both VFR and IFR notes for all objects in the VFR theme.

Viewing supplemental enroute data

Jeppesen offers Tailored Enroute, a solution that provides supplemental enroute data viewable from within FliteDeck Pro.

First, confirm that your company provides supplemental enroute data.

The designation of a fleet above the Flight Info drawer tab shows that you are receiving supplemental enroute data from your company. Also, your company name appears for the **Tailored Enroute** setting in the Account Info section of global settings.

To view supplemental enroute data, tap the object on the enroute map.

The supplemental details depend on the type of object selected. You can also filter the enroute map for specific types of supplemental enroute data. See About enroute map filters on page 94.

About supplemental enroute map objects

You view details of supplemental enroute data the same way that you view details for any other object on the map. The details that FliteDeck Pro displays depend on the type of object selected.

Supplemental enroute data can include the following objects:

- Airports. Airports that have supplemental information are shaded on the enroute map.

  Tapping the airport selects the airport and displays airport details. If an airport has supplemental information, FliteDeck Pro displays a Company Info flyout from the airport details. Supplemental airport information is fleet-specific and can include a list of company information related to the airport.

- Tailored Boundaries. Shaded areas on the enroute map show area boundaries.

  Tapping along the boundary selects the area and displays details about the area. Examples of customized boundaries are no-fly zones and mountain wave areas.

- Company Communication Frequencies: Shaded areas on the map can also indicate that company communication frequencies are available for the area.

Designating a fleet

If your company subscribes to and publishes supplemental enroute data, it defines the applicable fleets.

The first time that you launch FliteDeck Pro after downloading supplemental enroute , you might be required to identify the fleet for which this data is used.

Tap the fleet in the Fleet Selection menu when you start the app.
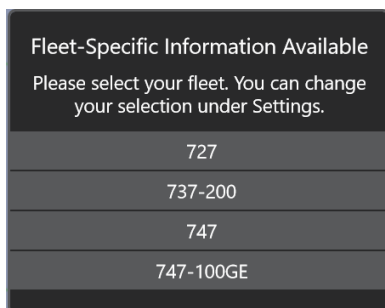
FliteDeck Pro preserves the fleet selection until you change it or until the fleet identifier is removed from the current tailored enroute data set.

Changing the fleet selection

You can change the fleet selection for which supplemental enroute data is received from the **Settings** button on the FliteDeck Pro toolbar.

1. Tap the **Settings** button from the toolbar.

2. Scroll to the Flight Info section.

3. Tap the **Fleet** identifier and select another fleet.
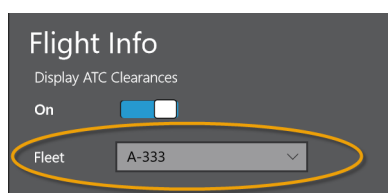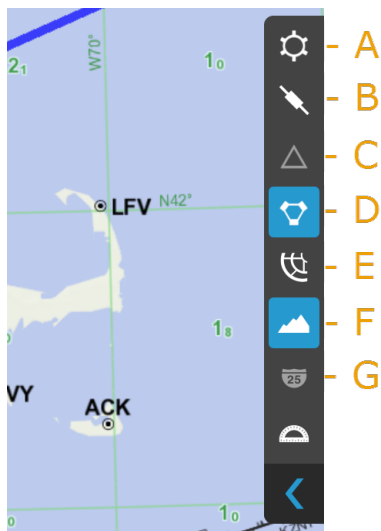

Filtering enroute map objects

FliteDeck Pro enables you to customize the display of map objects on the enroute map. FliteDeck Pro displays any object on the map that is a part of your route regardless of the filter setting, enroute theme, or zoom level.

Showing and hiding map objects

You can show or hide map objects depending on the zoom level by tapping the map object button.

1. Zoom in until the map objects that you want to view are enabled.

   The symbols appear in light gray when the zoom scale permits their display. Selected objects are highlighted in blue.

2. Tap the enroute map object button that corresponds to the enroute map feature that you want to show or hide.

A	Airports
B	Airways
C	Waypoints
D	Navaids
F	Airspace
G	Cultural (VFR theme only)

About enroute map objects display

Depending on your zoom level and selected enroute theme, certain map objects are automatically filtered to declutter your enroute map view.

📝 **Note:** FliteDeck Pro displays any object that is a part of your route, regardless of the show/hide status of the object, the specific enroute theme, or the zoom level.

Table 1 shows the default settings that govern when enroute map objects appear (if they are selected) at specific zoom levels and enroute themes.

Table 1: Default object filtering

Enroute Map Objects	High IFR	Low IFR	VFR
Airports	160nm/in	80nm/in	80
Airways	80 nm/in	40 nm/in	40 nm/in
Organized track systems	640 nm/in	640 nm/in	Never
Waypoints	20 nm/in	20 nm/in	20 nm/in
Navaids	80 nm/in	40 nm/in	40 nm/in
Airspace	80 nm/in	40 nm/in	40 nm/in
Airspace (associated with Tailored Enroute data)	320 nm/in	320 nm/in	320 nm/in
Terrain	200 nm/in	200 nm/in	200 nm/in
Cultural	never	never	always

Note: Airports, waypoints, and navaids appear on the map at all zoom levels when **Show at All Scales** is set to ON for the airports, waypoints, and navaids. (This setting appears only if your administrator has made this option available to you.)

Customizing enroute map object filters

You can further define how various types of objects appear on the enroute map by adjusting the filter settings for an enroute map object.

1. To open the map object filters menu, tap the **Filters Menu** button.

2. Tap the button for the object type that you want to change (for example, airports, airways, waypoints, or airspace); then change that object type.
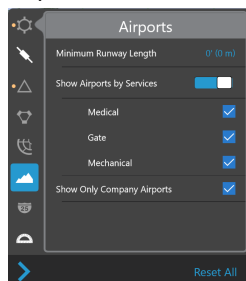
3. To close the menu, tap the **Filters Menu** button.

FliteDeck Pro displays an amber cue next to the button for any object type for which you changed the default setting.

About enroute map filters

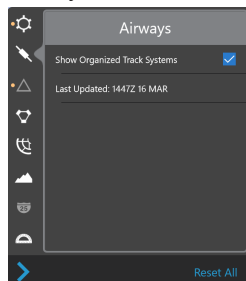FliteDeck Pro provides various filters that enable you to control how and when objects appear on the enroute map.

Table 2: Filters available for enroute map objects

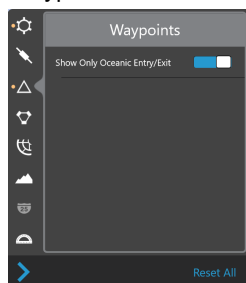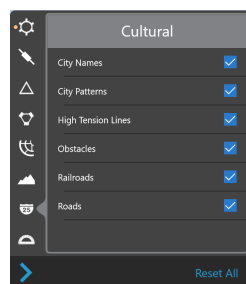| Airports	
	• **Minimum Runway Length**: Based on their runway length, you can limit the airports that appear on the enroute map. • **Show Only Company Airports**: You can filter the map to show only company airports. This option is available only when your company provides supplemental enroute data. • **Show Only ETOPs Airports**: You can filter the map to show only ETOPS airports. This option is available only if your company provides supplemental enroute data. • **Filter Airports by Services**. You can filter the map to show only company airports based on the services that you select. These services include medical, gate, and mechanical. This option is available only if your company provides supplemental enroute data. • **Show Airports at all Scales**: You can customize your view to show airports at all scales, regardless of the map zoom level. This option is available if your company enables it. • In the VFR theme, you can specify whether to show or hide heliports, seaports, and private airports.
Airways	
	• **Show Track Systems**: When **Display Organized Track Systems** is set to ON in global app settings, you can set the **Show Organized Tracks** filter to ON or OFF when viewing the map in either IFR enroute themes. FliteDeck Pro displays the most recent time that OTS data was updated. • In the VFR theme, you can show or hide low-altitude airways and other routes. Other routes include VFR routes and military training routes.
Waypoints	
	• **Show Waypoints at all Scales**: If your company has enabled this option, you can customize your view to show waypoints at all scales regardless of the map zoom level. • **Show Only Oceanic Entry/Exit**: In IFR themes, you can filter the map to show only oceanic entries and exit points. • In the VFR theme, you can show or hide low altitude waypoints, VFR checkpoints, and VFR waypoints.
Navaids	**Show Navaids at all Scales**: If your company has enabled this option, you can customize your view to show navaids at all scales regardless of the map zoom level.
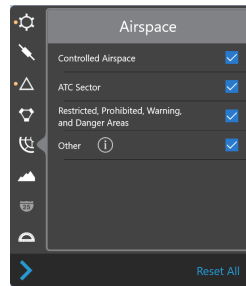
Airspace	You can customize airspace to show or hide controlled airspace, ATC sectors, and these types of areas: restricted, prohibited, warning, and danger. The **Other** option includes ADIZ, alert areas, equipment boundaries, MOAs, QNE/QNH codes, and training areas.
	In addition, if your company has enabled this option, you can customize your view to show or hide ETOPs rings.

| Terrain	No extra filters are available for Terrain.

Cultural	The cultural filter is available only in the VFR theme. In the VFR theme, you can customize your view to show or hide city names, city patterns, high tension lines, obstacles, railroads, and roads.

Filtering airports by runway length

When you filter airports by runway length, you can limit the airports that appear on the enroute map.

1. Tap the expand filters menu button to open the menu.

   The filters menu opens to the Airports menu by default.

2. To show airports, tap the **Airports** object button.

3. Tap the **Minimum Rwy Length** value (in blue text) and select the runway length that you want to use.
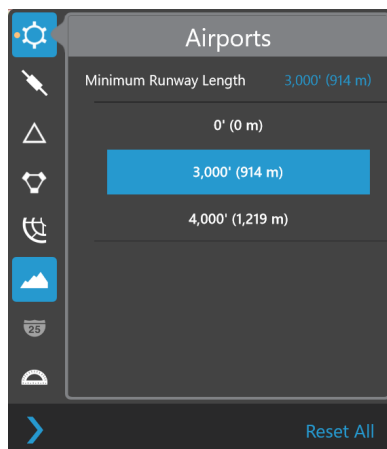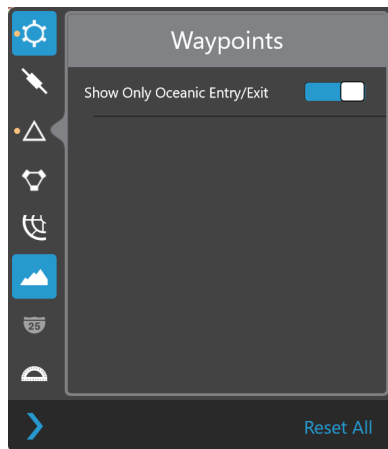
4. Tap the expanded filters menu button to close the menu.

Showing only oceanic entry and exit points

Displaying only oceanic entry and exit points is useful in certain areas of the world.

The option to show oceanic entry and exit points is available from either the High IFR or Low IFR enroute theme.

1. Tap the expand filters menu button to open the menu.

2. To access the filer, tap the **Waypoints** button.

3. Switch **Show Only Oceanic Entry/Exit** to ON.

4. Tap the **Filters Menu** button to close the menu.

Showing airports, waypoints and navaids at all scales

In less dense parts of the world, you might need to view airports, waypoints, and navaids at a larger map scale. With a larger scale, you can evaluate this data within the context of your route and other information about the map.

At the discretion of your company, FliteDeck Pro can display certain objects at all scales, regardless of your zoom level.

📝 **Note:** The Show at All Scales option is available only if your administrator enables it.

1. To open the menu, tap the **Filters Menu** button.

2. For each of the following objects that you want to view at all scales, tap the corresponding button: .

- **Airports**
- **Waypoints**
- **Navaids**

3. Switch **Show At All Scales** to ON.

4. Tap the **Filters Menu** button to close the menu.

Displaying organized track systems

FliteDeck Pro can display data for North Atlantic Tracks (NAT), the Pacific Organized Track System (PACOTS), and the Australian Organized Track Structure (AUSOTS). Flex Tracks, which are a part of PACOTS, also appear.
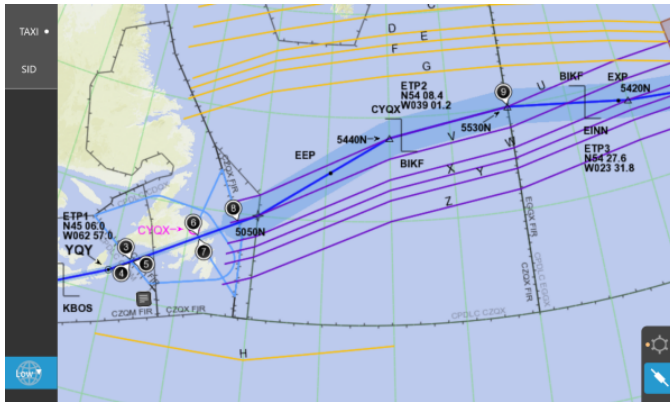
You can load and view the Oceanic Track Systems, including the Australian, Pacific, and North Atlantic. You can also create a route that follows a North Atlantic track.

To display organized track system data, get an Internet connection and make these selections:

> **Note:** An Internet connection is necessary the first time that you set your device for organized track systems and when you want to download updated data.

- Switch **Display Organized Track Systems** to ON in global settings.
- Select either the **High IFR** or **Low IFR** enroute theme.
- Select **Show Organized Tracks** in the Airways Map Object Filters menu. To filter for organized track systems, turn this setting on and off.
- Select the **Airways** enroute map object.

  The show and hide status of organized track systems is controlled with the Airways map object button. But you can view organized track systems on the enroute map at higher zoom levels than other airways. See

About updates to organized track systems data

FliteDeck Pro retrieves the organized track system data at 30-minute intervals when **Display Organized Track Systems** is set to ON in global settings and you have an Internet connection.

The app also retrieves data when any of the following actions occur:

- You launch FliteDeck Pro.
- FliteDeck Pro wakes from sleep mode.
- You select **Show Organized Tracks** in the Airways Map Object Filters menu.

FliteDeck Pro stops retrieving data when you switch **Display Organized Track Systems** to OFF in global settings.

About track details

FliteDeck Pro provides details on displayed tracks.

The map shows the following track details:

- The track identifier.
- The defining waypoint, which can be a named waypoint or a latitude/longitude waypoint.
- A color-coded track line that represents directionality.
    - West-to-east tracks are purple.
    - East-to-west tracks are orange.

FliteDeck Pro displays organized track systems in the same way that it displays airways in the route description. When you tap the track on the enroute map, FliteDeck Pro shows more details about the track, including the flight level assigned to the track.

FliteDeck Pro displays Organized Track System data for the most current track message data it has received for future effective and current tracks.

FliteDeck Pro does not display expired tracks, and does not keep expired OTS data (track message data). FliteDeck Pro does not export the Track Data Message.

Note: Always check track effectivity time with current UTC time.

When you switch **Show Organized Tracks** to OFF when a track identifier is part of your route, the tracks and information outside your route are removed. Your route and route points that identified the track stay on the map.

Searching for objects on the enroute map

FliteDeck Pro searches for airports and fixes (including waypoints and navaids) across all enroute themes. The app searches the enroute map, the Route list, and the text of all notes and Jeppesen Airway Manuals. FliteDeck Pro searches for enroute objects whether they are filtered to show or be hidden on the enroute map.

1. From the enroute map, tap the **Search** button on the toolbar.
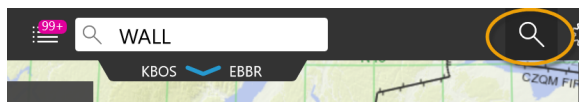
2. Enter text in the search box, and then tap the **Search** button inside the search box or on the keyboard.

    FliteDeck Pro shows the number of results on the **Search Results** button. The app highlights the objects that meet the search criteria on the map, and in the Route list or on the Pubs tab.

3. To display the Search Results popover, tap the **Search Results** button.

   FliteDeck Pro displays the Search Results popover with the All tab (or the most recently viewed tab) selected by default. Text that matches the search term in each category is highlighted. You might need to tap **See All** for a category to view all search results in that category.

4. To refine your enroute search results, tap a category tab:
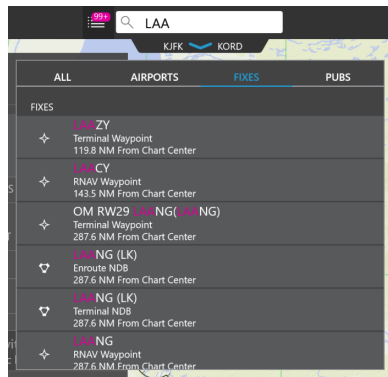
- **Airports** tab: Displays the list of airports that are returned in the search results.
- **Fixes** tab: Displays the list of fixes that are returned in the search results. Fixes include waypoints, user waypoints, and navaids.
- **Pubs** tab: Displays the list of publications that contain the search term.

5. To view the details, tap a search result.

   FliteDeck Pro closes the Search Results popover, selects the object, centers the viewable map area over the object, and displays details about the object.

6. To clear the search entry, tap the **X** in the search box.

7. To close the search entirely, tap the **Search** button on the toolbar.

About search results

FliteDeck Pro presents comprehensive search results.

- Results are not limited by the map view. You can pan the map or zoom out on the map to see search results beyond the current map view.
- Results appear in the search results list. They are ordered by distance either from the map center or from your aircraft position. You can scroll the list to see the name and distance of objects that are farther away.
- FliteDeck Pro returns search results across enroute themes (High IFR, Low IFR, and VFR).
- Results are not limited to objects that are filtered on the enroute map.

Displaying enroute weather

You can display up-to-date graphical weather on the enroute map.

To receive enroute weather data, make sure that **Display Enroute Wx** is set to ON in FliteDeck Pro app settings and that you have an Internet connection.

1. Tap **Wx** on the control bar.

2. Switch **Weather** to ON.
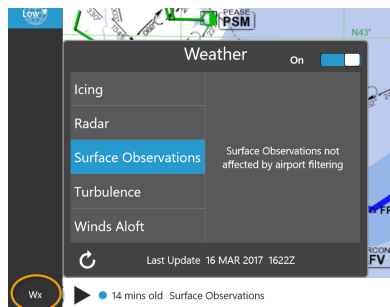
3. Tap the weather type that you want to view.

   Enroute weather shows surface observations, Radar (NEXRAD, Echo Tops, Lightning), icing, turbulence, and winds aloft forecasts.

   FliteDeck Pro checks the selected weather type for updates. The app downloads weather data within the radius of your route or within your coverage area.

Refreshing enroute weather data

Weather information for the selected weather type is automatically checked every six minutes. At this interval, only weather that has been updated on the Jeppesen Weather server is updated on your device.
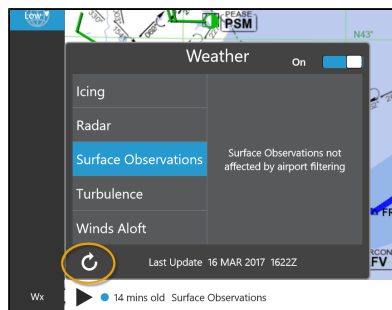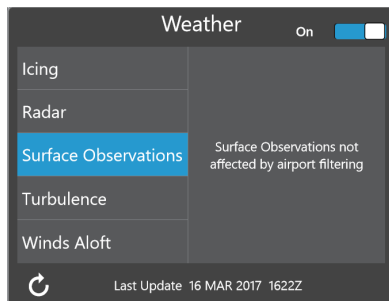

To update a selected weather type manually, tap the **Refresh** button at the bottom of the Weather popover.

Viewing surface observations

You can view surface observations from the enroute Weather popover.

1. Tap the **Wx** button on the control bar.

2. Switch **Weather** to ON.
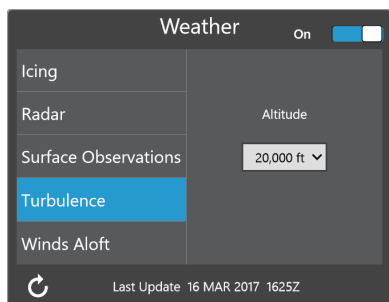
3. Tap **Surface Observations**.

4. To dismiss the Weather popover, tap away from it.

Viewing icing, turbulence, and winds aloft forecasts

You view icing, turbulence, and winds aloft forecasts from the enroute Weather popover.

1. Tap the **Wx** button on the control bar.

2. Switch **Weather** to ON.

3. Tap **Icing**, **Turbulence**, or **Winds Aloft**.

4. To dismiss the Weather popover and view the weather overlaid on the map, tap away from the popover.

   **Note:** You can display up to four weather forecast images. To change to a different forecast period after you select the weather type, tap the **Forecast** button, and then select a different forecast time.

Viewing radar weather

You view NEXRAD, Echo Tops, and lightning from the enroute Weather popover.

1. Tap the **Wx** button on the control bar.

2. Switch **Weather** to ON.

3. Tap **Radar**.

4. Tap the radar weather that you want to view (NEXRAD, Echo Tops, Lightning).
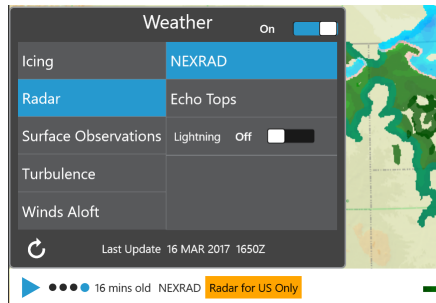
5. To dismiss the Weather popover and view the weather overlaid on the map, tap away from the popover.

6. To start an animation of radar images, tap the **Play** button at the bottom of the display.

    This animation continues to cycle through the images until you either tap the **Pause** button or deselect the weather type to stop viewing it.

Accessing terminal information

FliteDeck Pro displays chart type categories on the control bar for quick access to terminal information. You can view and manipulate chart images, and view terminal weather for a selected airport. If your company subscribes to the Airport Moving Map (AMM), you can view the taxi chart in this mode.

Topics:

Working with terminal chart information

You can view terminal chart change notices for the selected airport when viewing the terminal charts. FliteDeck Pro makes it easy to highlight, rotate, and print terminal charts.

Viewing chart change notices

Chart change notices are available from the **Route list** button.

To view chart change notices for the selected airport, tap the **Route list** button on the control bar while viewing a terminal chart.

FliteDeck Pro displays a scrollable list of change notices for the selected airport.
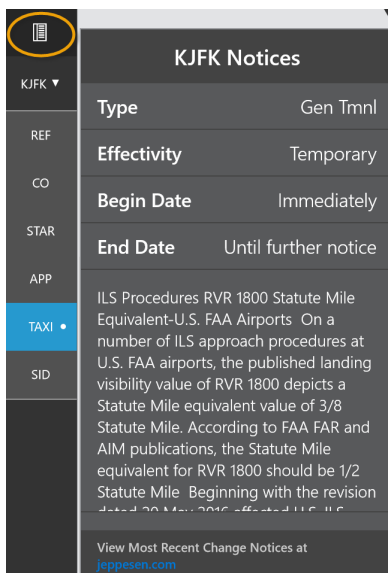
About on-demand change notices

You can view the most recent change notices by tapping the Jeppesen.com link at the bottom of the Change Notices list.

These change notices contain the same content that chart change notices contain. However, these on-demand change notices are updated daily and you can search for a single airport or FIR.

Note: Always check for pertinent NOTAMS before the flight.

Highlighting a chart

You can add highlights to terminal charts. In highlight mode, your finger acts as a highlighting marker on the map.

1. To highlight information about a terminal chart, tap the **Highlight** button.

2. To select one of two highlight colors, tap the **Highlight Color** button.

3. Use your finger to draw highlights on the chart.

> 📑 **Note:** Highlights persist on the chart until you remove the highlights or the chart
> is revised.

4. In highlight mode, do these actions:

    *   To remove the most recent highlight, tap the **Undo** button.
    *   To clear all highlight selections, tap the **Delete** (trash can) button, and then tap **Clear All**.
    *   To pan the map in highlight mode, use two fingers (instead of one) to move the map view.
    *   To zoom in or out in highlight mode, use two fingers as you do in the normal view.

5. Tap the **Highlight** button again to exit highlight mode.

Rotating a terminal chart

You can rotate a terminal chart in 90-degree increments.

Tap the **Rotate** button on the right-side of the display.
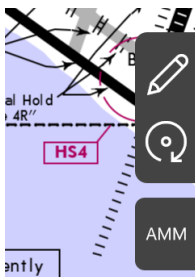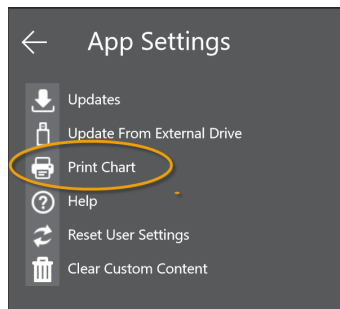

Each time that you tap the **Rotate** button, the chart turns 90 degrees clockwise.

Printing a terminal chart

You can print the displayed terminal chart from the **Settings** menu.

1. Tap the **Settings** button on the toolbar.

2. Tap **Print Chart**.

3. Select the printer, number of copies, and orientation.

4. Tap **Print**.

Displaying ownship symbol on terminal charts

Your operator might have authorization to display the ownship symbol or a moving map in flight. If so, you can display the ownship symbol on terminal charts to enhance situational awareness during critical phases of flight.

Displaying the ownship position on the airport diagram can help flight crews orient themselves on the airport surface and improve pilot positional awareness during taxi operations. This function is not to be used for ground maneuvering and is limited to ground operations.

To update the ownship and moving map settings, open the FliteDeck Pro app settings. Then scroll to the Terminal Charts View section.

When you display the ownship symbol, the apex of the chevron corresponds to the nose of the aircraft and shows directionality.

Displaying the ownship symbol on approach charts

If your operator provides for the option, you can display the ownship symbol on approach charts.
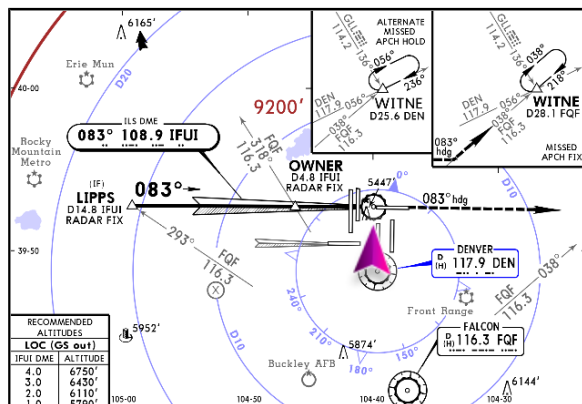
- To show the ownship symbol on approach charts, make one or both of these selections in the Terminal Charts and AMM View section of global settings:

    - Switch **Display Ownship on Approach Charts** to ON.
    - Under Airport Moving Map, switch **Enable Moving Map** to ON.

- Make sure that GPS accuracy is better than 200 meters.

Displaying the ownship symbol on SID and STAR charts

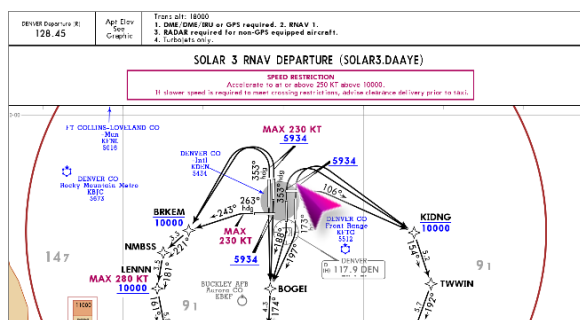If your operator provides for the option, you can display the ownship symbol on geo-referenced SID and STAR charts.
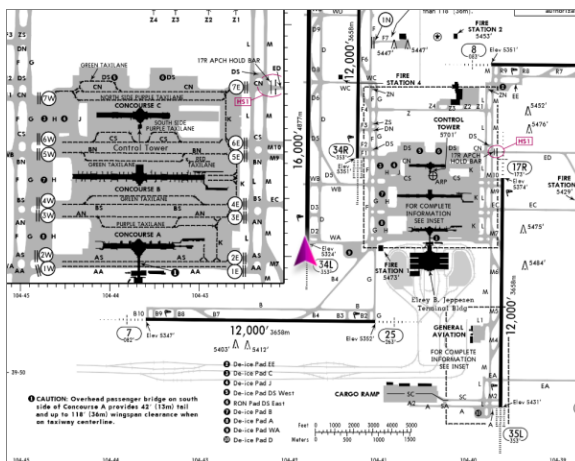
- To show the ownship symbol on SID and STAR charts, switch **Display Ownship On SID / STAR Charts** to ON in app settings.

- Make sure that GPS accuracy is better than 200 meters.

Displaying ownship on taxi charts

If your operator enables the option, you can display the ownship symbol on taxi charts.

- To show the ownship symbol on taxi charts, switch **Display Ownship on Airport Diagram** to ON in global app settings.

  The ownship symbol appears when the aircraft speed is less than the value specified in **Taxi on Landing Speed Threshold** in the app settings.

- Make sure that your GPS accuracy is better than 25 meters.

Showing the taxi diagram upon landing

You can set FliteDeck Pro to switch to the taxi diagram automatically upon landing when your aircraft is moving no faster than the specified speed threshold.

In the Terminal Charts and AMM View section, switch **Show Taxi on Landing** to **ON**.

The airport diagram appears when the aircraft speed drops below the selected speed threshold. To confirm or change this speed threshold, view the selection for **Taxi on Landing Speed Threshold** in the app settings.

Displaying METAR and TAF information

You can display METAR and TAF information from a terminal chart, from the Airport Moving Map (AMM), and from airport details in the Route list.

Weather data is provided by Jeppesen. Source data is provided by the National Weather Service and the UK Met Office and other primarily private weather providers that Jeppesen uses in creating aviation-specific weather information.

Jeppesen receives source data primarily from the National Weather Service and the UK Met Office, with other private weather providers to create aviation-specific weather information.

1. To receive terminal weather information, make sure that **Display METAR/TAF** is set to ON in the Weather section of global settings.

2. Make sure that you have an Internet connection.

3. While displaying a terminal chart, tap **Wx** on the control bar.
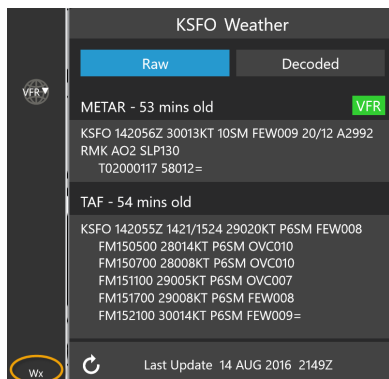
4. To change to another format, tap **Raw** or **Decoded**.

    The Weather popover shows when the weather information was most recently updated. If the weather data is expired, a weather warning appears in red in the same location as the weather age. METAR and TAF updates occur separately.

5. To update weather data manually, tap the **Reload** button at the bottom of the Weather popover.

6. To dismiss the Weather popover, tap away from it.

Displaying METAR and TAF information from the enroute map

You can display METAR and TAF information from the enroute map.

1. Tap and hold the airport symbol on the enroute map.

    If the Multiple Object popovers appears, tap the airport. FliteDeck Pro displays the Airport popover.
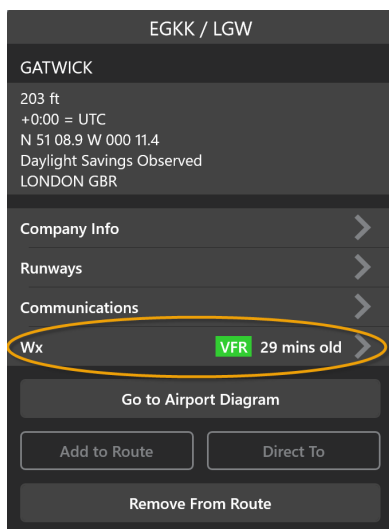
2. To display the METAR and TAF details, tap **Wx**.

About midcycle chart updates

Whenever terminal charts are updated, most of the charts are effective upon receipt and available to you immediately in FliteDeck Pro. A midcycle chart revision occurs when a chart takes effect in the middle of a scheduled chart revision period.

For charts that take effect mid-cycle, FliteDeck Pro displays an amber effectivity badge on the **Airport** button. This badge shows that a midcycle chart revision is available at that airport. An effectivity flag also appears when you view a chart that has more than one version available. The badge appears 24 hours before the chart effectivity change and persists for 24 hours after the change becomes effective.

Note: Always brief selected terminal charts, including a review of effectivity dates, as part of your briefing.

Switching between available chart versions from the airport list

Whenever a midcycle chart revision exists at an airport in your route, FliteDeck Pro displays an effectivity badge on the Airports button and in the expanded Route Airports list.

1. To view effective dates and switch between available chart versions for the airport, tap the **Airports** button.
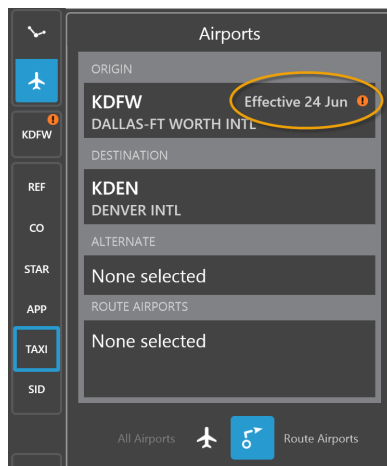
FliteDeck Pro displays the list of airports for the active flight, accompanied by any airport effectivity text and badges.

2. Tap the **Airport Effectivity** badge next to the airport.

FliteDeck Pro displays the Airport Revision Selector and prompts you to choose the effectivity date of the charts that you want to view.

3. Complete the action by doing one of the following.

- Tap the selection that corresponds to your preferred effectivity date, and then tap **Done**.

- To dismiss the Airport Revision Selector and continue viewing the current chart version, tap **Cancel**.

Switching between available chart versions from a chart

When more than one chart version is available, FliteDeck Pro displays revision text in the chart list and a revision flag on the chart.

1. To view effective dates while viewing a chart, tap the **Chart Revision** flag.
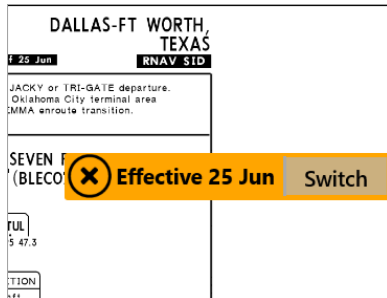
FliteDeck Pro expands the chart revision flag and shows the effective date of the chart being viewed.

2. To switch between available chart versions, tap **Switch**.

   FliteDeck Pro displays the Airport Revision Selector and prompts you to choose the effectivity date of the chart that you want to view.

Working with the Airport Moving Map

The Airport Moving Map improves your situational awareness at large or unfamiliar airports. With a simple tap, you can switch between the Airport Moving Map and the taxi chart.

📝 **Note:** Airport Moving Map is not available for all airports. Your company can subscribe to as many airports as required for its operation.

Displaying the Airport Moving Map

The Airport Moving Map (AMM) enhances situational awareness with its depictions of gates, center lines, hot spots, and other details.

When you select a taxi chart for which an AMM depiction is available, a **Chart / AMM** button appears at the right side of the taxi chart area.
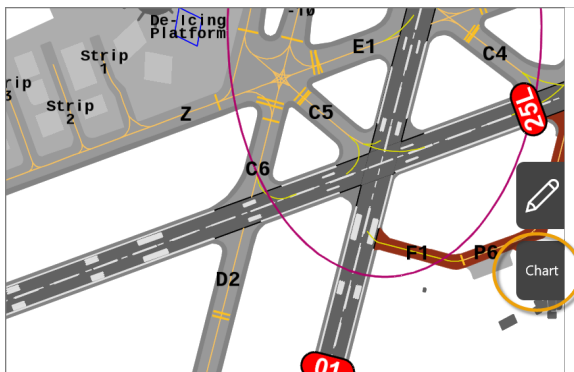
To switch between the AMM depiction and the taxi chart, tap the button.

📝 **Note:** The Airport Moving Map supplements the airport diagram and is not intended to be used as a replacement for the taxi chart.

Displaying the ownship position on the Airport Moving Map

For operators authorized to display ownship position and moving map in flight, the ownship position is available on the Airport Moving Map.

- From global app settings, scroll to Airport Moving Map (AMM) and then switch both **Enable Moving Map** and **Display Ownship** to ON.
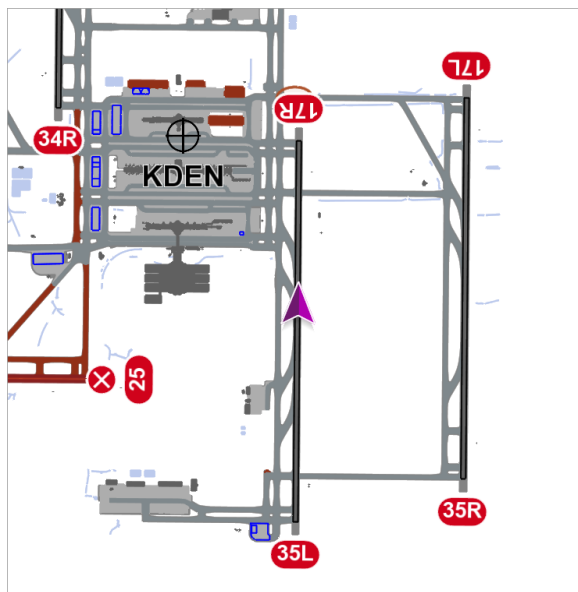
- From app settings, confirm the speed threshold next to **Taxi on Landing Speed Threshold**. The ownship symbol appears when the aircraft speed drops below this speed threshold.
- Make sure that your GPS accuracy is better than 45 meters.
- Make sure that your aircraft position is within the airport boundary.

Viewing present position on the Airport Moving Map

You can recenter the Airport Moving Map over your present position after you have panned away.

The **Present Position** button is available on the Airport Moving Map only when **Enable Moving Map** is set to ON in the global app settings for the Airport Moving Map and GPS accuracy is better than 45 meters.
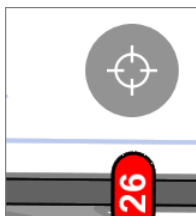
To recenter your map over your current position, tap the **Present Position** button. The airport reference point is at the center of the view.

> **Note:** When the moving map is enabled, any action that pans the map stops it from moving. Tapping the **Present Position** button resumes the moving map.

Switching the orientation of the Airport Moving Map

You can display the Airport Moving Map in North Up or Track Up orientation.

The **Track Up** button is available on the Airport Moving Map map only when these conditions apply:

- **Enable Moving Map** is set to ON for the Airport Moving Map in global app settings.
- Aircraft speed is less than what is set in **Taxi on Landing Speed Threshold** in global app settings.
- GPS accuracy is better than 45 meters.
- Your ownship position is within the airport boundary.

To change the enroute map orientation, tap **North Up** or **Track Up**.

Highlighting the Airport Moving Map

You can add highlights to the Airport Moving Map. In highlight mode, your finger acts as a highlighting marker on the map.

1. To highlight information about the Airport Moving Map, tap the **Highlight** button.

   > **Note:** Highlights persist on the chart until you remove the highlights or update the AMM depiction.

2. To select a color, tap the **Highlight Color** button.
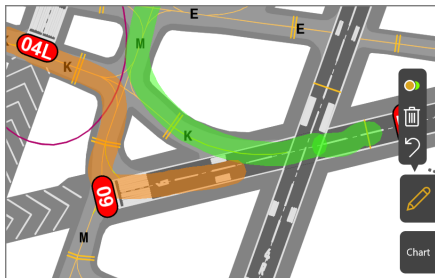
3. Use your finger to draw highlights on the map

4. Do any of these actions:

- To remove the most recent highlight, tap the **Undo** button.
- To clear all highlight selections, tap the **Delete** (trash can) button, and then tap **Clear All**.

5. To exit highlight mode, tap the **Highlight** button again.

Displaying the Airport Moving Map on landing

You can direct FliteDeck Pro to switch to the Airport Moving Map automatically upon landing when the aircraft reaches the selected speed threshold.

1. From global app settings, scroll to Terminal Charts & AMM View and set **Show Taxi On Landing** to AMM.

2. Confirm the selection for **Taxi on Landing Speed Threshold**.

    The taxi chart appears when the aircraft speed drops below the selected speed threshold. To change the setting, tap the setting and select a new speed threshold.

Performing data updates

FliteDeck Pro shows on the toolbar when data updates are available. You can check for and download updates at any time from within the app. If your company offers the option, you might also be able to download data updates from an external drive.

Topics:

About data updates

FliteDeck Pro displays the status of your data.

Status badge indicator

Whenever data updates are available, a badge appears on the **Settings** button. The badge shows the number of updates available.

- The badge is amber when data is current, and an update is available.
- The badge is red when data is not current, and an update is available.

Data is identified as current or not current.
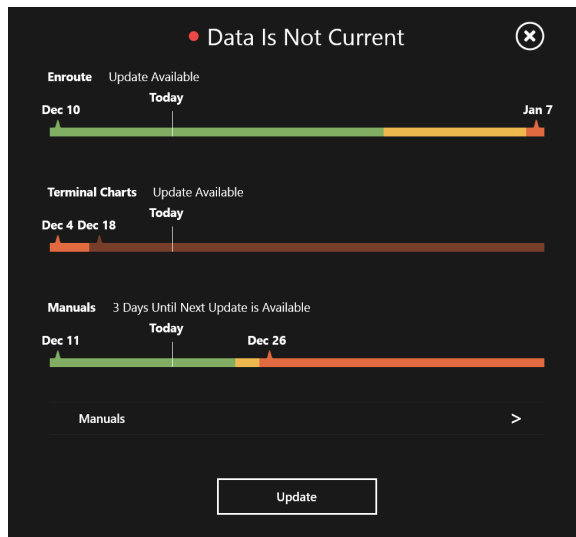
Status and color codes

The following list describes the meaning of the colors in the Updates bar:

- Green—Current data is in use.
- Amber—Current data is in use, and an update is available.
- Red—Data is not current, and an update is available.

Performing data updates

FliteDeck Pro provides a simple way to verify the status of your enroute and terminal chart data, and any downloaded manuals, at any time.

The time necessary to download updates depends on the speed of the Internet connection and the size of the data coverage area. Make sure that you have the necessary time and bandwidth to do the complete update before commencing the update.

1. Tap the **Settings** button on the toolbar.

2. Tap **Updates**.

3. Tap **Update** at the bottom of the dialog box.

   FliteDeck Pro provides a status of your enroute data (including AMM and any tailored enroute data), terminal data, and manuals data. When the download is complete, `Data is Current` appears at the top of the Updates screen.

4. As the update is downloading, you can do the following actions:

Option	Description
To pause the download	Tap **Pause** above the update status line. If more than one update is available, FliteDeck Pro automatically begins to download the next available update.
To resume downloading after your pause an update	Tap **Resume** above update status line.
To cancel all updates and exit Updates	Tap the **X** (Close) button at the top of the Updates dialog box.
To resume updates after having canceled them	Tap the **Settings** button, tap **Updates**, and then tap **Resume** at the bottom of the dialog box.

5. To close the dialog box when the update is complete, tap **X** at the top of the Updates dialog box.

Updating data from an external drive

Your company can deliver data updates using an external drive, such as a USB device or local network drive. In this case, you can update the data in FliteDeck Pro when a connection to the Jeppesen server is not available.

📝 **Note:** Do not use this method of downloading data updates for the initial download, when you first install and activate FliteDeck Pro.

1. Connect to the USB device or local network.

2. From FliteDeck Pro, tap the **Settings** button.

3. Tap **Update From External Drive**.

   This option is available if your company chooses to enable this function.

Windows displays the Open Folder dialog box.

4. Locate and select the update folder.

   Be sure to select the entire folder, and not components within the folder.

5. Tap **Update Application**.

   FliteDeck Pro starts the data update process and displays the Data Update screen.

Switching between two available enroute databases

FliteDeck Pro updates the enroute database every 28 days. The app automatically switches to the current database when it takes effect (if you updated your data).

You can download enroute data up to seven days before the effective date. Because of this rule, two versions of the enroute database can exist on your device at the same time.

FliteDeck Pro displays an amber flag on the map 24 hours before a database expires, to show that the current database expires soon.

The app also shows an amber flag if you select a database that is expired or is not yet effective. The flag shows the status of the data.

1. To change enroute database versions manually when more than one version is available, tap the **Settings** button.

2. Tap **Updates**.

3. Tap **Switch Back to Data Expiring [date]**.

4. To return to the current database, tap **Switch to Data Effective [date]**.
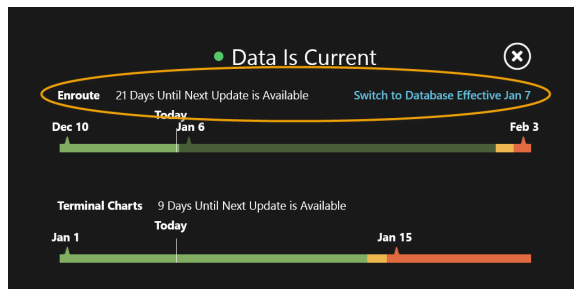
Error Codes

When FliteDeck Pro encounters an error, it displays a message with an error code number. See the list of error codes to determine the cause and resolution of the error. If you are unable to resolve the error, access the Jeppesen Customer Support portal or contact your system administrator for more help.

Topics:

Error Codes

FliteDeck Pro displays error codes to convey information when it encounters specific conditions.

Table 3: Common error codes

Error	Cause	Resolution
112	The expected configuration is not available, an unexpected configuration was received, or the expected configuration does not contain content for the app version you are running.	Contact your administrator.
127	Cannot connect to JDM Pro because of poor network connectivity.	Try again later, or try from a better connection.
199	FliteDeck Pro expects new content to be available on the server, but the content is not available yet.	Wait and try again. If the problem persists, contact your administrator.

Table 4: Other error codes

Error	Cause	Resolution
-1	FliteDeck Pro generated a general data download error, most likely due to a slow Internet connection.	Check for a reliable Internet connection and make sure that the speed is at least 54 mbps. Then tap **Refresh** on the Update screen to try the download again.
101	The device has already been successfully registered.	Contact your administrator to change the registration.
102	The URL used by FliteDeck Pro is not valid. The registration email is garbled or incomplete.	Contact your administrator to generate another registration email.
103	You are not connected to the server or your device is not correctly registered.	Try again later from a better connection. If the error persists, contact your administrator.
104	You are not connected to the server.	Try again later from a better Internet connection.
105	File processing failed due to a mismatch of the stored and calculated digest values. Processing cannot continue.	Request the file again. Any temporary files are automatically removed from the device.
106	This error indicates a generic unzip process failure. Processing cannot continue.	Request the file again. Any temporary files are automatically removed from the device.
107	This error indicates a generic deltaset processing failure. The deltaset processing cannot continue.	FliteDeck Pro automatically tries to download the full version for this data. Any temporary files are automatically removed from the device.

Error	Cause	Resolution
108	This error indicates a file download error. Processing cannot continue.	Request the update again. Any temporary files are automatically removed from the device.
109	The file downloaded and unzipped correctly, but a content item in the file could not be read. This error might indicate a number of issues, ranging from network or server issues to a lack of available storage space.	First make sure that the device has adequate storage space and that a reliable network connection is available. Then try again later. If the error persists, contact your administrator.
110	Content is not available yet. A delay is normal between the time that the content is uploaded to the server and the time that it is available on your device. Or the content assigned to your device might be expired.	Try again later. If the issue persists, contact your administrator.
111	Either the connection to the cloud service is faulty, or your device is not connected to the Internet.	Try again later or with a better Internet connection.
113	The connection to the server is faulty.	Try again with a better Internet connection.
114	The mobile device downloaded the .zip file from the cloud server but encountered an error trying to unzip it. This situation might result from an error or from an unknown format.	Request the file again. If the issue persists, contact your administrator.
115	The mobile device downloaded the .zip from the cloud server but ran out of storage space trying to unzip it.	Free up storage space on the device, and then try to download .zip file again. The app automatically cleans up any temporary files from failed attempt.
116	The mobile device does not have enough storage space to copy the unzipped files to the data directory. Normally, FliteDeck Pro unzips the files, copies the unzipped files to the data directory, and then removes the unzipped temp files.	Free up storage space on the device and try again.
120	This error indicates a deltaset processing failure.	FliteDeck Pro automatically tries to download the full version for this data. Any temporary files are automatically removed from the device.
121	Storage space is exhausted.	Free up storage space on the device and try again.
122	Your mobile device has not been registered correctly.	Register from the link in the registration email. If the error persists, contact your administrator.
123	The app is attempting to access the server while another server request is in process.	Try again after the previous operation is completed.
124	The connection to the server is faulty.	Try again later, or try from a better connection.

Error	Cause	Resolution
125	The connection to the server is faulty.	Try again later, or try from a better connection.
126	The connection to the server is faulty, or the server is unavailable.	Try again later, or try from a better connection.
129	FliteDeck Pro was unable to obtain a network connection.	Make sure that wireless connectivity is turned on in the device settings and that a reliable network connection is available.
133	Enroute, cultural, or terrain data required by the application is not assigned to your device.	Contact your administrator.
136	The registration certificate stored locally on your device expired or is about to expire. An attempt was made to renew the certificate, but the attempt failed. The application continues to acquire data until the certificate expires.	Contact your administrator.
180–186, 188–189	These errors indicate deltaset processing issues.	The software automatically discards the deltaset in favor of the larger, full dataset.
187	This error indicates a storage space issue.	Free up storage space on the device, and then try again.
201	Product entitlement is invalid. The AVP signature or Airport Moving Map (AMM) data is invalid.	Contact your administrator.
211	Supplemental enroute data (Tailored Enroute) and Airport Moving Map (AMM) data could not be loaded.	Contact your administrator.
212	Supplemental enroute data (Tailored Enroute) could not be loaded.	Contact your administrator.
221	Airport Moving Map (AMM) data is invalid.	Contact your administrator.
222	Supplemental Airport Moving Map (AMM) data could not be loaded.	Contact your administrator.
400–600	Error codes in this number series indicate issues with requests to content servers.	Contact your administrator.
1009	FliteDeck Pro tried to download data, but no Internet connection is established.	Obtain a local Internet connection and try again.
3006	FliteDeck Pro is unable to write to a file. Insufficient storage space, or a permissions issue, might cause this condition.	Free up storage space, and then try to download the data again.
3008	FliteDeck Pro was unable to download data, most likely due to a network issue.	Try the download again, or wait for a better connection and try the download later.
3026	A request failed.	Retry the operation with a better Internet connection, or at a later time.