This document supports version 8.5, update 1 of Jeppesen FliteDeck Pro for Windows.

The minimum operating system requirement for this release is Windows 10.  
Go to the Jeppesen Support page for the most current compatibility statement.

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Introduction

Technical Support

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

North America Toll-Free: 800-537-7225
United States Direct: 303-328-6175
International: 49-6102-508430
Email: navsupport@jeppesen.com
Online support: http://dev.support.jeppesen.com

System Requirements

The minimum operating system for FliteDeck Pro 8.5, update 1, is Windows 10, Version 1511 or 1607.

FliteDeck Pro 8.5, update 1, has been tested and is compatible with the most current versions at the time of this release. Microsoft strongly recommends that all Windows 10 devices are updated to the latest version.

FliteDeck Pro is compatible with certain mobile devices that run Windows 10. Among these devices are the Panasonic Toughpad, Samsung Galaxy TabPro S, Surface Pro 2, Surface 3, Surface Pro 3, Surface Pro 4.

The app requires 2 GB of RAM and 8 GB of disk space.

For more information about FliteDeck Pro 8.5, update 1, for Windows, visit the Jeppesen technical support site.

Release Summary

FliteDeck Pro 8.5 introduces several new features:

• A refreshed user interface with a control bar that makes it easier to navigate between the enroute map and terminal information.

• Support for ETOPS flights. You can now add ETOPS route points to your flight. These points include ETOPS alternate airports, equal time points (ETPs), ETOPS entry points (EEPs), and ETOPS exit points (EXPs).

• Plotted points. You can now add plotted points to your route based on GPS coordinates. You can also add plotted points manually if no GPS is available. FliteDeck Pro records the point’s name (if any), coordinates, date, and time.
• Export of ETOPS route points and plotted points. You export a file that can be imported by another Windows device running FliteDeck Pro.
• While you are viewing the enroute map, you can now display the moving map without displaying the ownship symbol. To view the moving map, switch Enable Moving Map to ON in App Settings.

Deployment Considerations

FliteDeck Pro supports a commercial aviation business model and is released to your EFB administrator.

The term upgrade refers to the act of installing a later version over a previous version without first uninstalling the previous version. When you update from a previous version, FliteDeck Pro preserves saved flights and any user-defined waypoints that are part of the route. If you uninstall the app before you install a later version, you lose all saved data.

Connectivity Considerations

To download updates, FliteDeck Pro requires a reliable Internet connection. The connection can be wired, wireless, or cellular. The time necessary to download and perform data updates depends on the speed of the Internet connection and the size of the data coverage area.

Allowing Location and GPS Access

FliteDeck Pro requires your device location. If you turned off location services on your device, you can turn this service on 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 in order to use an external GPS device.

► To turn on location service 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 ensure that FliteDeck 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.
Using Internal GPS

If you are using the internal GPS on your device, rather than an external GPS device, ensure 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.

► To turn on the location service

1. Tap All Settings in the Action Center.
2. Tap Privacy.
3. Tap Location from the Privacy menu.
4. Switch Location service to On.
5. Under Choose apps that can use your precise location, switch Jeppesen FliteDeck to On.
Getting Started

Basic Touch Screen Gestures

Use basic Windows touchscreen gestures to interact with Jeppesen FliteDeck Pro.

Pinch to Zoom

Zoom in and out of the display by moving your thumb and finger in a pinching gesture.

Touch, Hold, then Release

You can touch, hold, and then release any object on the enroute map to view more information about 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 or enroute map, you can double-tap to zoom out again.
One-finger Swipe to Pan

Swipe one finger to pan the enroute 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 helps you increase your situational awareness by displaying your flight with respect to both the terminal and enroute air structures. Figure 1 shows FliteDeck Pro when you display an enroute map.

FIGURE 1: FliteDeck Pro showing an enroute map

Control Bar

The control bar appears along the left side of the FliteDeck Pro display. These buttons enable you to control the current display, whether you are viewing the enroute map or terminal information. The button that is highlighted in blue indicates the current selection.
FliteDeck Pro Toolbar

The FliteDeck Pro toolbar appears along the top of the FliteDeck Pro display. These buttons enable you to perform certain functions outside of the current display, such as checking your GPS status or the status of data updates. The toolbar also shows the current enroute theme and enables you to open the Flight Info drawer, where you set up your flight.

Accessing Views

Accessing Views

Use the control bar to access the enroute map or terminal information.

- To view the enroute map
  - Tap the Enroute Theme button.

![Enroute Theme button on the control bar](image)

FliteDeck Pro shows the enroute map. The enroute map filter buttons appear on the right side of the map.

A Present Position button appears under the Orientation button when you pan away from your aircraft’s current position. Tap this button to center the enroute map over your current aircraft position.

![Present Position button on the enroute map](image)

The Present Position button does not appear when the map is centered over your current aircraft position.
NOTE: Your current aircraft position is available when Enable Moving Map is set to ON in App Settings and the minimum GPS accuracy requirement of 200 meters is met.

Using the Toolbar

The toolbar appears along the top of the FliteDeck Pro display.

**FIGURE 4: FliteDeck Pro toolbar**

Viewing Manuals

The Manuals button provides access to manuals. As with all buttons on the toolbar, the Manuals button is available from all views and display orientations.

NOTE: To view manuals, you must have a PDF reader app installed on your device.

▲ To view a manual

1. Tap the **Manuals** button on the FliteDeck Pro toolbar.
2. Select the manual that you want to view.
   
   NOTE: In addition to Jeppesen Standard Airway Manuals, your company documents might also be available from the Manuals button.

3. If prompted, select a PDF reader app.
4. To quickly move between the PDF and the app, use the buttons on the Windows taskbar in either of the following ways:
   
   • Swipe from left to right and then tap the PDF or app image.
   • Tap the Task View button and then tap the PDF or app image.
   
   • If app icons appear on the Windows taskbar, tap the FliteDeck Pro or PDF icon.

View Change Notices

The Manuals button also provides access to change notices. These notices are available based on your current view. For example, from the enroute map, change
notices appear by region. From a terminal chart, change notices appear for the selected airport.

► To view change notices

1. Tap the **Manuals** button.
2. Tap the **Notices** button at the bottom of the Manuals popover.
   • If you are viewing a terminal chart, any available notices for the selected airport appear in the popover.
   • If you are viewing the enroute map, select the region for which you want to view change notices, and then select a PDF reader app to view the notices.

Setting Night Theme

► To select Night Theme in Windows 10

1. Tap the Brightness button on the FliteDeck Pro toolbar.
2. Switch **Night Theme** to ON.

Adjust the Display Brightness

► To adjust the display brightness in Windows 10

1. Swipe from right edge of the device to display the Action Center.
2. Tap the Brightness tile.

   This action adjusts the display brightness in increments of 25%.

   ![FIGURE 5: Windows Action Center](image)

► To make precise brightness adjustments in Windows 10

1. Swipe from the right edge of the device to 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.

![Brightness setting in Windows 10](image)

**FIGURE 6: Brightness setting in Windows 10**

### Viewing GPS Status

The GPS Status button appears on the FliteDeck Pro toolbar. Tap this button to view the current groundspeed, GPS altitude, last position received, and accuracy status.

![GPS Status](image)

The button shows details when these conditions are met:

- Your device has GPS functionality.
- Enable Moving Map is set to ON in App Settings. See [Changing the Flight Info App Settings](#).
FIGURE 7: GPS status

If the GPS signal does not meet the minimum accuracy requirement, a badge appears over the GPS Status button.

Ownship Symbol

FliteDeck Pro displays the ownship symbol when Display Ownship on Enroute or Enable Ownship on Airport Diagram is set to ON in App Settings.

The minimum required GPS accuracy to display ownship position is:

- 200 meters for the enroute map.
- 17 meters for an airport diagram.

Adjusting Settings

The Settings button displays the App Settings options. Refer to Adjusting FliteDeck Pro App Settings.

Locking the Display

Locking the display prevents you from accidentally panning or zooming away from the current display.

To lock and unlock the FliteDeck Pro display

- Tap the Display Lock button on the toolbar.
When the display is locked, the Display Lock button becomes orange and you cannot access any other FliteDeck Pro button.

Flight Info Drawer Overview

The Flight Info drawer is where you create new flights. It is also where you can edit, save, and share flights; import flight plan routes, and access ATC clearances.

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

About the Active Flight

The active flight is the displayed flight. It includes origin and destination airports, any alternate airports, and the route description. The active flight also includes any terminal charts, user waypoints, ETPs, and plotted points associated with the flight.

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

Adjusting FliteDeck Pro App Settings

From App Settings you can customize certain FliteDeck Pro features.

► To review and adjust FliteDeck Pro app settings

1. Tap the App Settings button on the FliteDeck Pro toolbar.
2. Swipe through the list of settings and adjust the settings as necessary.
Refer to the following sections for more information.

**NOTE:** Setting options might not be available if your EFB administrator has preconfigured your app settings.

### About Preconfiguration of FliteDeck Pro Settings

Your company EFB administrator can preconfigure certain features in App Settings. When you launch FliteDeck Pro, any settings preconfigured by the EFB administrator override any changes that you have made. Any settings that are not preconfigured remain under your control.

### Changing the Sleep Mode Setting

The sleep mode setting indicates whether your device goes into sleep mode after a period of inactivity. This option is set to OFF by default, meaning that the device does not go into sleep mode when running FliteDeck Pro.

- To turn on sleep mode, switch **Allow Sleep Mode** to ON.

![FIGURE 9: Sleep Mode setting](image)

**IMPORTANT:** If Sleep Mode is set to ON, it is possible that the device could enter sleep mode during a critical phase of flight.

Setting Sleep Mode to OFF reduces the battery life of your device.

### Changing the Flight Info App Settings

The Flight Info settings relate to options in the Flight Info drawer. Currently, you have the option to load ATC-cleared flights.

- To be able to display and load ATC-cleared routes, set **Display ATC Clearances** to ON.

![FIGURE 10: ATC Clearances setting](image)
Changing the Enroute View App Settings

The Enroute View settings control the display characteristics of the enroute map. The Enroute View settings are set to OFF by default.

**NOTE:** Centering the map over aircraft location and displaying ownship position on the enroute map are both designed to improve flight crew situational awareness during enroute flight. Do not use this functionality as the basis for navigation. Operators might be required to obtain additional authorization to use this function.

![Enroute View](image)

**FIGURE 11:** Settings when viewing the Enroute map

- To be able to track the aircraft, recenter the enroute map over the aircraft location, and view the enroute map in a track-up orientation, set **Moving Map** to ON.
- To be able to display the ownership position on the enroute map, set **Display Ownship** to ON.
- To be able to display the terrain legend when showing terrain, switch **Terrain Legend** to ON.
- To be able to display the VFR enroute theme, set **Display VFR Theme** to ON.

**NOTE:** The minimum GPS accuracy requirement to display the ownship symbol on the enroute map is 200 meters.

Changing the Terminal Charts View App Settings

The Terminal Chart settings control the display characteristics of terminal charts. These settings are set to OFF by default.

**NOTE:** Displaying ownship position on terminal charts is designed to assist flight crews in orienting themselves on the airport surface and to improve pilot positional awareness during taxi operations. Do not use this functionality as the basis for navigation. Operators might be required to obtain additional authorization to use this function.
Getting Started
Adjusting FliteDeck Pro App Settings

• To display the ownship position on taxi charts, set **Display Ownship on Airport Diagram** to ON.

This setting also enables you to display the off-screen indicator on taxi charts when the following conditions are met:
- Your device has GPS functionality and the minimum GPS accuracy requirement is met.
- The aircraft is within the boundaries of the airport diagram.
- The aircraft is moving no faster than the speed specified in the Taxi Diagram Speed Threshold in settings.

• The default chart zoom level is the zoom level preference that you set for viewing terminal charts. Options are **Fit Full Chart** or **Fit to Width**.

• The setting for **Arpt Diagram (10-9) Speed Threshold** is the speed at which, if enabled and in flight, the automatic switch to a taxi diagram occurs.

You can optimize this setting for a specific aircraft by adjusting the threshold speed. Values range from 30 to 80 knots.

**NOTE:** The minimum GPS accuracy requirement to automatically switch to a taxi diagram and display the ownship symbol on a terminal chart is 17 meters.

Changing Weather Settings

The Weather settings control how weather information is displayed.

**FIGURE 12: Settings for Terminal Charts View**

**FIGURE 13: Weather settings**
• To view weather data overlaid on the enroute map, set **Display Enroute Wx** to ON.

• To display terminal weather, set **Display METAR/TAF** to ON. This setting enables the app to display METAR/TAF information from terminal charts and from an airport popover on the enroute map.

• To change the default temperature unit, tap the **Temperature Unit** menu 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**.

## Using Tablet Mode

Jeppesen recommends that you run FliteDeck Pro only in Tablet mode in Windows 10. This mode displays apps in full screen.

If your device is running in Desktop mode, in which apps run inside windows as they do on a PC, switch to Tablet mode.

► **To switch to Tablet mode**

1. Swipe from the right edge of the device to display the Windows 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

There are several ways to set up your route. You can:

- Manually enter the route information into the Flight Info drawer or by interacting with the map.
- Load a saved flight from your list of saved flights.
- Load a route from an imported flight plan.
- Load a cleared-ATC route.

After setting up the route, preview and select the terminal charts.

Creating a Route Manually

To create a new route manually from the Flight Info drawer

1. Tap the Flight Info drawer tab.

2. To clear the existing flight, if any, tap the New Flight button and then tap OK.
3. Tap in the Origin box and enter the airport.
4. Tap in the Destination box and enter the airport.
5. Tap in the Enter Alternate Airport box and enter any alternate airports.
   If you enter multiple alternates, separate each with a space.
The flight that you create becomes the active flight. After you create the flight, you can select terminal charts. See Selecting Terminal Charts for Your Flight.

**Searching for an airport**

You can locate objects such as airports by using the object search feature.

1. **To find an airport**
   1. Tap the *Search* button on the toolbar.
   2. Enter the search criteria (for example, the city name or partial ICAO code), and then tap the *Search* button.
   
   FliteDeck Pro displays the search results.

   ![Search results](image)

   **FIGURE 15: Search results**

   At certain zoom levels, the enroute map includes a reminder to refer to the terminal chart. The reminder appears along the procedure’s dotted route line.

   3. Tap the desired airport from the search results.
   
   FliteDeck Pro displays the popover for the airport you selected.

   4. To add the airport to the route, tap the *Add to Route* button.
   5. To add the airport to your route as an origin, destination, or alternate airport, tap the appropriate button.

**Adding a SID and a STAR**

You can add a SID and a STAR to your route at the same time that you enter the origin and destination airports, or you can add them 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 appropriate 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 a SID or a STAR**

- 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.
  - For STARs, FliteDeck Pro prompts you to select a procedure, a transition, and then a runway.

(For some procedures, FliteDeck Pro might prompt you for different information.)

**NOTE:** FliteDeck Pro depicts SID and STAR transition points on the enroute map to support situational awareness. Always brief the SID or STAR terminal procedure.

### Adding Route Points

You can add route points (navaids, airways, airports, and waypoints) to your route from the Flight Info drawer. You can also create user waypoints and add them to your route. See **Loading a Saved Route**.

**To add route points to your route**

1. From the Flight Info drawer, tap in the **Description box**.
2. Using the keyboard, or by copying and pasting, enter the route points into the **Route box**.
   - You can either use the keyboard or copy and paste to enter your route.
   - FliteDeck Pro automatically adds all airports that you enter in the route to the list of route airports available to you from the Airports button.
   - You can create routes from any object that is available through the Search feature.
   - For more information about valid route point formats, see **About Route Point Formats**.
   - For more information about entering SIDs and STARs, see **Adding a SID and a STAR**.
3. Dismiss the keyboard.
4. Tap the Flight Info drawer tab to close the drawer.
About Route Point Formats

Both plain language and dot-notation formats are supported in the route description. For example:

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

About Latitude and Longitude Coordinate Formats

The following latitude and longitude coordinate formats are supported in the route description:

• 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)

Loading a Saved Route

You can set up a flight up a flight by loading a saved flight. A saved flight includes airports, the route description, and any selected terminal charts that are associated with the flight.

▶ To load a saved flight

1. Open the Flight Info drawer.
2. Tap the Saved Flights button at the bottom of the drawer.
Setting Up Your Flight

Loading a Route from a Flight Planning System

About Imported Flight Plan Routes

If your device can retrieve flight plans from your company flight planning system, you can set up your route by importing a flight plan. The format of the flight plan route you import must be in ICAO 2012 format.

Based on your call sign, FliteDeck Pro retrieves all flight plans with an Estimated Time of Departure (ETD) from 24 hours in the past up to 6 hours into the future.

Contact your EFB administrator to determine whether this option is available and, if so, what credentials are required. You cannot send plans back to the flight-planning system. To be imported, the format of the flight plan route must be in ICAO 2012 format.
NOTE: To import flight plans, ensure that an Internet connection is established and that your credentials are entered in App Settings. See Accessing Account Information and Technical Support.

When you import a flight plan, FliteDeck Pro displays the following details:

- Flight or tail number
- Origin airport and destination airport
- Alternate airports
- Route (navaids, waypoints, airways)
- Distance of flight in nautical miles
- Date and timestamp of the last update

### Loading a Flight Plan Route

- **To load a flight plan from your company flight-planning system**
  1. Open the Flight Info drawer.
  2. Tap the **Flight Plans** button at the bottom of the Flight Info drawer.
  3. If prompted, tap the **Call Sign** box and enter the call sign of the aircraft.
     - If you imported flight plans previously, the last-used call sign is entered already.
  4. Tap the **Enter** key.
     - FliteDeck Pro displays a list of future and past flight plans for that call sign. Flight plans are sorted by ETD from newest to oldest.
  5. Tap the flight plan you want to view or use.
  6. To load the flight plan and make it the active flight, tap the **Load** button.
     - The imported flight plan appears in the Flight Info drawer and becomes the active flight.
  7. Tap the Flight Info drawer tab to close the drawer and view the loaded route.

**NOTE:** If the route does not include a SID or STAR procedure, you can open the Flight Info drawer and add the SID or STAR to the route description.
Loading an ATC-Cleared Route

Another way to set up your flight is by loading a flight from a list of ATC clearances.

FliteDeck Pro can enhance your awareness current clearing trends. You can view cleared routes between a city pair for the past 24 hours. You can also load a cleared route into the Flight Info drawer.

Clearances are grouped by route and are available for any flight within, into, or out of the United States.

**NOTE:** To view ATC clearances, set **Display ATC Clearances** to ON in App Settings and make sure that an Internet connection is established.

**To load an ATC-cleared route as the active flight**

1. Open the Flight Info drawer.
2. If they are not already entered, enter the origin and destination airports.
3. Tap the **ATC Clearances** button.

FliteDeck Pro displays the most recent list of ATC clearances that were retrieved.
Selecting Terminal Charts for Your Flight

After you create your route and select a terminal chart, FliteDeck Pro displays the diagram for the origin airport. This is the first terminal chart that appears on the Selected Charts bar.
Previewing and Selecting Charts

► To preview and select charts for the active flight

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, 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.

![Diagram of chart selection process]

**NOTE:** Whenever you tap a chart type button again, the last viewed, selected chart from that chart type appears. If no charts are selected within a chart type, the chart list opens.

Switching Between Route Airports

► To switch between airports associated with the active flight

1. Tap the **Airports** button.
FliteDeck Pro displays all airports associated with the active flight, including any alternate airports.

2. Tap an airport from the route airport list.

About Terminal Chart Types

Terminal charts are organized by chart types. These are the available chart types in FliteDeck Pro:


**CO** Company. Your company-tailored charts. This chart type is available only if your company subscribes to Jeppesen tailored charting services. This category also includes any engine-out charts.

**STAR** Standard Terminal Arrival. Arrival charts, sorted alphabetically by title.

**APP** Approach. Approach procedures, grouped by runway and sorted by index number.

**TAXI** Taxi. Taxi charts, sorted by index number.

**SID** Standard Instrument Departure. Departure procedures, sorted alphabetically by title.

**NOTE:** By default, the first time that you display a terminal chart for an active flight, FliteDeck Pro displays the taxi chart for the origin airport.

Terminal charts might include Customer Inserted Charts (CIC), which your company builds and maintains. Charts from your company are labeled *Non-Jepp Chart* in their respective chart lists.

About Engine-Out Charts

Engine-out charts are company-specific, and reside within the company (CO) chart category. The ability for your organization to provide E/O charts for use in FliteDeck Pro is optional.

Engine-out charts are directly related to, and used in conjunction with, specific departure procedures and, on rare occasions, approach procedures. FliteDeck Pro identifies the presence of engine-out charts for departure procedures only.

Note the following points:

- The association of an engine-out procedure with a departure procedure is saved when that flight is saved. If the saved flight is loaded to become the active flight, FliteDeck Pro reestablishes the engine-out association.

- The association of an engine-out procedure with a departure procedure is shared when that flight is shared.

- The association of an engine-out procedure with a departure procedure applies only to a single instance of a flight. If you select the same departure procedure for a different flight, the engine-out association is not automatically established.
Associating an Engine-Out Chart with a SID

To associate an engine-out chart with a SID

1. After entering your route, tap the SID button.
   FliteDeck Pro displays a list of departures for the selected airport. (The airport button appears above the chart category buttons.)
2. Select the desired SID chart.
3. If an engine-out chart is present for the airport, FliteDeck Pro displays the Associate Engine-Out Chart popover.

4. Do one of the following actions:
   - To select an engine-out procedure, tap the circle next to the procedure title and then tap OK.
   - To dismiss the Associate Engine-Out Chart popover without selecting an engine-out chart, tap None.

   NOTE: After you associate an engine-out procedure with the SID, an amber E/O button is displayed for easy access whenever that SID chart is viewed.

Viewing an Engine-Out Chart

To display the engine-out chart

   - Tap the E/O button.
About Customer-Inserted Charts

The phrase *customer-inserted charts (CIC)* refers to charts that your organization creates and distributes for you to access from FliteDeck Pro.

**NOTE:** The ability for your organization to create and distribute its own charts for use in FliteDeck Pro is optional.

Non-Jepp Chart Badge

FliteDeck Pro provides a visual cue when a particular terminal chart is customer-inserted content. The text *Non-Jepp Chart* is displayed in the chart list on the same line as the chart index number.

**NOTE:** Ownship position does not display on customer inserted charts, nor will the automatic switch to a customer-inserted 10-9 chart upon landing occur.

Navigating Between Selected Charts

The charts you select appear in the Selected Charts bar, grouped by chart category.

▲ **To navigate between selected charts**

- Use a two-finger swipe on the chart image, as though you are turning the pages of a book, to display the next chart in the series.
- Use a single-finger swipe to scroll through the list of charts on the Selected Charts bar.
- Tap the chart type button on the Selected Charts bar to display a specific chart.
More Options for Setting Up or Changing Your Route

You can edit a route from inside the Flight Info drawer, by interacting with the enroute map and object details, or by using rubber-band routing.

Editing Your Route from the Flight Info Drawer

To edit your route from the Flight Info drawer

1. Open the Flight Info drawer and then complete any of the following actions:
   • To add, delete, or edit airports, tap in the origin, destination, or alternate airport fields and edit the information.
   • To add, delete, or edit any of the route points for the active flight, tap in the route description box and edit the route description.
2. Tap Enter on the keyboard.
3. Dismiss the keyboard and close the Flight Info drawer.

Editing the Route By Interacting with the Map

To edit your route by interacting with the enroute map

1. Touch, hold, and release an airport, navaid, or waypoint along your intended route. FliteDeck Pro displays additional 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 and Display Ownship on Enroute options are set to ON in App Settings.
Editing the Route with Rubber-Band Routing

To edit your route by using rubber-band routing

1. Touch a point along the existing route line.
   FliteDeck Pro displays a point along the route line.
2. Drag the route line with your finger to the point that you want to add to the route and release.
   FliteDeck Pro display a popover for a selected object or the User Waypoint popover if you are adding a new user waypoint to your route.
3. Select **Add to Route** or **Direct To**.

**NOTE:** The Direct To option is available when the Enable Moving Map setting is set to ON in App Settings and the minimum GPS accuracy requirement is met.
Searching for Enroute Map Objects

FliteDeck Pro searches across all enroute themes when you perform a search. For example, when you are viewing the High IFR theme and perform a search, the search results will include objects from all themes—High IFR, Low IFR, and VFR.

To search for objects on the enroute map

1. Tap the Search button.

2. Tap AIRPORTS, NAVAIDS, or WAYPOINTS.

3. Enter the city name, object name, or airport ICAO or IATA identifier in the search field.

4. Tap the Search button on the keyboard to display the search results.

Search results are highlighted in the viewable area on the enroute map and display in a list of results available from the Search Results button.

5. Select a search result to view the details popover.

You can tap any fly-out from the object popover to review information about the object and add it to your route.

About Search Results

FliteDeck Pro search results have the following characteristics:

- Results are not limited by the map view. You can pan the map or zoom out to see search results outside the current map view.

- Results appear in the search results list and 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.
Creating User Waypoints

You can create a user-defined waypoint, which appears on the enroute map at a point you select. A user waypoint can be either temporary or permanent.

For the user waypoint identifier, you can use:

- The latitude and longitude coordinates.
- The radial DME identifier.
- A unique name.

About Temporary and Permanent User Waypoints

User waypoints can be permanent or temporary:

- A temporary user waypoint remains on the enroute map until you clear the current route. FliteDeck Pro saves the rest of the flight information if you save the route. A star inside a box indicates a temporary user waypoint.
  
  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.

Creating a Temporary User Waypoint

To create a temporary user waypoint

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 Waypoint popover, which shows the waypoint coordinates.
2. To create a named user waypoint, tap the **Name** field and enter a name. Otherwise, leave the field blank.

3. Tap the **Lat** and **Long** fields and then enter the precise coordinates.

4. To add comments, tap the **Comments** box and enter the text.

5. Do one of the following:
   - To add the waypoint to the current route, tap **Add to Route**.
   - To add the waypoint to the current route and remove all points between your current aircraft position and the waypoint, tap **Direct To**.

   **NOTE:** The Direct To option is available when Enable Moving Map is set to ON in App Settings and the minimum GPS accuracy requirement is met.

   The temporary user waypoint is added to the route and is denoted by a star in a box. This symbol indicates that the user waypoint will be removed from the enroute map when you clear the route. The name of the user waypoint appears in the route description.

### Creating a Radial DME User Waypoint

You can create a user waypoint for a specific location and add it to your route. The location of a radial DME user waypoint is based on the radial DME entered in the name field.

**To create a Radial DME user waypoint**

1. Open the Flight Info drawer.
2. Tap in the route description box, and then enter the radial DME point to which you want to fly.
For example, assume that ATC has instructed you to fly “Direct to the 26 DME on the 156 radial off of Falcon VOR.” In this example, you enter FQF156/26.

3. Tap Enter on the keyboard.

4. Tap the Flight Info drawer tab to close the drawer.

The radial DME user waypoint is temporary and is denoted by a star in a box. This symbol indicates that the user waypoint will be removed from the enroute map when you clear the route.

To view a Radial DME user waypoint on the enroute map
- Touch, hold, and release the waypoint on the enroute map.
Creating User Waypoints

Creating a Permanent User Waypoint

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 Waypoint popover, which shows the waypoint coordinates.

2. To create a named user waypoint, tap the Name field and enter a name. Otherwise, leave the field blank.
3. Tap the **Lat** and **Long** fields and then enter the precise coordinates.

4. To add comments, tap the **Comments** box and enter the text.

5. 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.

### Editing User Waypoints

#### To edit a user waypoint

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

   FliteDeck Pro displays the Waypoint popover.

2. To edit the name, tap in the **Name** field and use the keyboard to edit the name.

3. To edit comments, tap in the **Comments** field and use the keyboard to edit comments.

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

5. To make a permanent user waypoint temporary, set **Delete When Route is Cleared** to **ON**.

6. Tap **Done**.

### Adding a User Waypoint to Your Route

#### To add an existing user waypoint to your route

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

   FliteDeck Pro displays the waypoint popover.

2. Tap **Add To Route**.

3. If prompted, tap the map object from which to position the user waypoint on your route.

#### To fly directly to a user waypoint

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

   FliteDeck Pro displays the waypoint popover.

2. Tap **Direct To**.

   FliteDeck Pro adds the point to your route and removes all points between the current aircraft position and the user waypoint.

   **NOTE:** The Direct To option is available when Enable Moving Map is set to ON in App Settings and the minimum GPS accuracy requirement is met.
Removing a User Waypoint from Your Route

- **To remove a user waypoint from your route**

  1. Touch, hold, and release the user waypoint that you want to remove. FliteDeck Pro displays the User Waypoint popover.
  2. Tap **Remove From Route**.
  3. Tap **Remove From Route** in the confirmation message.

   The user waypoint is removed from the route.

Deleting a User Waypoint

- **To delete a user waypoint from the route**

  1. Touch, hold, and release the user waypoint on the enroute map. FliteDeck Pro displays the waypoint popover.
  2. Tap the **Delete** (trash can) button.
  3. Tap **OK** in the confirmation message.

**NOTE:** A temporary user waypoint (denoted by a star in a box) is deleted automatically when you clear the route.

Working with ETOPS Route Points

You can add ETOPS route points to your route manually from the Flight Info drawer. You can add equal time points between ETOPS alternate airports, and ETOPS entry and exit points.

![FIGURE 31: ETOPS route points on a route](image)

Entering an Equal Time Point (ETP)

- **To manually add an ETP to the active route**

  1. Open the Flight Info drawer.
  2. Tap **ETP**.
More Options for Setting Up or Changing Your Route
Working with ETOPS Route Points

FliteDeck Pro displays the ETP/ETOPS popover. If the route already has any ETPs, 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 the route has one more ETPs, tap **Add another ETP**.

The popover expands to show fields 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.

![Diagram of ETOPS equal time point and coordinates on the enroute map](image)

**FIGURE 34: Equal time point and coordinates on the enroute map**

**About Invalid ETP Entries**

If FliteDeck Pro cannot validate the ETP alternate airport or a latitude or longitude coordinate, the ETP/ETOPS popover displays an alert:

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

The ETP symbol appears on the map as long as coordinates are valid. If the alternate airport identifiers are not valid, the symbol appears without any airport identifiers.

**About ETP Alternate Airports**

The ETP alternate airports do not appear in the Flight Info drawer as alternate airports. However, they do appear 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, and vice versa. For instance, deleting a flight alternate that is also designated as an ETP alternate does not change the ETP alternate. You can change ETP alternate airports from the ETP/ETOPS popover.

**Entering an ETOPS Entry Point (EEP)**

1. **To manually enter an ETOPS entry point**
   1. Open the Flight Info drawer.
   2. Tap **ETP**.

   FliteDeck Pro displays the ETP/ETOPS popover. If the route already has EEPs or EXPs, these points are listed.
3. Do one of the following actions:
   • If this point is the first EEP that you are adding, tap **Add ETOPS Entry Point (EEP)**.
   • If the route already has one more EEPs, tap **Add another EEP**.
   The popover expands to show fields 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.

If FliteDeck Pro cannot validate the coordinate, the point does not appear on the map. The alert *Not Valid* appears in the ETP/ETOPS popover.

### Entering an ETOPS Exit Point (EXP)

- **To manually enter an ETOPS EXP**
  1. Open the Flight Info drawer.
  2. Tap **ETP**.
FliteDeck Pro displays the ETP/ETOPS popover. If the route already has EEPs or EXPs, these points are listed.

3. Do one of the following actions:
   - If this point is the first EXP that you are adding, tap **Add ETOPS Exit Point (EXP)**.
   - If the route already has one or more EXPs, tap **Add another EXP**.

The popover expands to show fields for entering EXP details.

![Coordinates for EXP](image)

FIGURE 37: Adding an EXP

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

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

6. Tap **Done**.

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

![ETOPS exit point](image)

FIGURE 38: ETOPS exit point on the enroute map

If FliteDeck Pro cannot validate the coordinate, the point does not appear on the map. The alert *Not Valid* appears in the ETP/ETOPS popover.
Editing ETOPS Route Points

► To edit ETOPS route points

1. Open the Flight Info drawer.
2. Tap ETP.
3. Tap the field that you want to edit.
4. Enter the new information.
   For ETOPS alternate airports, enter the IATA or ICAO identifier.
5. To delete a point, tap the Delete (X) button.
6. Tap Done.

Viewing Terminal Information for ETOPS Alternate Airports

► To view terminal information for an ETOPS alternate airport

1. Tap the Airports button on the control bar.
   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 appropriate terminal chart category button.

Deleting an ETP, EEP, or EXP

► To delete an ETP, EEP, or EXP

1. Open the Flight Info drawer.
2. Tap ETP.
   FliteDeck Pro displays the ETP/ETOPS popover.
3. Tap the delete (X) button for the point that you want to delete.

4. Tap Delete to confirm the action.
   FliteDeck Pro removes the point from the flight.
5. To close the ETP/ETOPS popover, tap away from it.
Managing Plotted Points

FliteDeck Pro enables you to plot points, including the date, time, and coordinates, at 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.

About Plotted Points

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

- When you save the flight, FliteDeck Pro saves the points along with other flight information. A Plotting Info link appears in the list of saved flights when you save a flight with plotted points.
- When you load the saved flight, FliteDeck Pro loads the points with it and the points appear on the enroute map. Any subsequent changes overwrite the previously saved points when you save the flight again.
- Plotted Points created 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 scales.
- FliteDeck Pro clears the points from the enroute map when you clear the route.

Marking a Plotted Point

FliteDeck Pro can record the latitude and longitude coordinates based on the current aircraft position and display the point on the map when these conditions exist:

- Your device has GPS connectivity.
- Enable Moving Map is set to ON in App Settings.

If your device does not meet the minimum GPS requirement, you can record the coordinates manually.

▶ To mark a plotted point with GPS connectivity

- Tap the Plot Position button on the toolbar.

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 current time.
NOTE: For FliteDeck Pro to plot the coordinates, Enable Moving Map must be set ON in App Settings and a minimum GPS accuracy of 200m or less must be met. (You do not need to show the ownship symbol.)

**To mark a plotted point without GPS connectivity**

1. Tap the Plot Position button on the toolbar.

![Plot Position button](image)

FliteDeck Pro displays the Position Details popover when there is no GPS connectivity. The default name of the point is the present time.

![Position Detailspopover](image)

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 any additional notes, tap in **Comment** field and enter the text.

6. Tap **Done**.

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

   ![FIGURE 42: Plotted point on the enroute map](image)

### Editing a Plotted Point

- **To edit the details of an existing plotted point**
  1. Tap, hold, and release the point on the enroute map.
     FliteDeck Pro displays the Plotted Point popover.
  2. Tap the field that you want to edit.
     You can edit the name, latitude and longitude coordinates, time, date, and comment text.
     If a coordinate is not entered correctly, FliteDeck Pro displays *Not Valid*.
  3. Tap **Done**.

### Deleting a Plotted Point

- **To delete a plotted point**
  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 displays an alert that asks 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 you entered. These details can be modified.
To view or modify the plotting information for a flight

1. Open the Flight Info drawer.
2. Tap Plotting Info.

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.

3. In the summary section, tap the field that you want to edit and then enter the new information.
4. Tap Done.
Exporting Plotting Information

You can export plotting information to a file that other crewmembers or airline personnel can load on another device running FliteDeck Pro. In this way, they can easily obtain ETOPS route points and plotted points, and continue to add any points to the flight if necessary.

The export file is saved on your device as a document file, which you can share.

► To export plotting information for the active flight

1. Open the Flight Info drawer.
2. Tap Plotting Info.

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

3. Tap Export.

FliteDeck Pro displays the Windows Save As dialog.

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.

The Plotting Info popover closes, and FliteDeck Pro saves the export as a .crf file, which can be opened in FliteDeck Pro.

6. Share the .crf file with the other Windows device (using, for example, Dropbox, OneDrive, or other method).

► To export plotting information from a saved flight

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 the **Plotting Info** link.

   FliteDeck Pro displays the Plotting Info popover.

4. Tap **Export**.

   FliteDeck Pro displays the Windows Save As dialog.

   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**.

   The Plotting Info popover closes, and FliteDeck Pro saves the export as a `.crf` file, which can be opened in FliteDeck Pro.

7. Share the `.crf` file with the other Windows device (using, for example, Dropbox, OneDrive, or other method.)

**Importing Plotting Information**

- **To import plotting information from a file**

1. Open the location where the export file resides (for example, Dropbox, OneDrive, or other location).

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 was corrupted, it will not load in FliteDeck Pro.

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

   FliteDeck Pro displays the Plotting Info popover with the additional points. An export history appears at the top of the popover.

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

7. Tap away from the popover to dismiss it.

8. To add or edit ETOPS route points, open the Flight Info drawer, tap **ETP**, and then make any changes in the ETP/ETOPS popover. See Working with ETOPS Route Points.

9. To add or edit plotted points, see Managing Plotted Points.

---

**FIGURE 47: Export history in the Plotting Info popover**
Working With Flights

From the Flight Info drawer, you can manage (copy, edit, sort, delete, etc.) your list of saved flights, flight plans, and ATC clearances.

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.

Saving the Active Flight

► To save the active flight

1. Open the Flight Info drawer.

   The Flight Info drawer displays the active flight.

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 or plotted points that were saved to the flight.

Viewing a Saved Flight

► To view a saved flight

1. Open the Flight Info drawer.

2. Tap **Saved Flights**.
3. Tap a saved flight from the list of saved flights to expand its view.

The Flight Info drawer shows the origin, destination, and alternate airports. It also lists the charts selected for the flight and the date that the flight was saved.

![FIGURE 49: Viewing details of a saved flight](image)

**Sorting a Saved Flight**

- To sort saved flights
  1. Open the Flight Info drawer.
  2. Tap Saved Flights at the bottom of the drawer.

As a default, flights are sorted by date. They can also be sorted by Name.

3. Tap either Sort by Date (flights listed by the date the flight was updated) or Sort by Name (flights listed by name).

![FIGURE 50: Sorting the list of saved flights](image)

**Duplicating a Saved Flight**

You might need to consider or plan for two different scenarios for the same airport pair. To do so, first create the flight, select your charts, and save the flight. Then, duplicate the saved flight and make any changes to the duplicated flight.
To duplicate a flight

1. Open the Flight Info drawer.
2. Tap **Saved Flights** at the bottom of the drawer.
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.

FliteDeck Pro displays a second instance of the flight in the Saved Flights list. You can load one of these instances, and then make changes to the route information.

Deleting a Saved Flight

To delete a saved flight

1. Open the Flight Info drawer.
2. Tap **Saved Flights** at the bottom of the drawer.
3. Tap **Edit**.
4. Tap the flight that you want to delete.
   FliteDeck Pro places a check mark next to the selected flight.
5. Tap the **Delete** (trash can) button.
Working with Flight Plans

Jeppesen has implemented a system that enables you to import flight plans from a flight planning system using the aircraft call sign. The format of the flight plan route to be imported must be in ICAO 2012 format.

**NOTE:** To view flight plans, ensure that an Internet connection is established and that your credentials are entered in App Settings. See Viewing Account Information. Contact your EFB administrator or Jeppesen account manager for more information on flight plan credentials.

Saving a Flight Plan Without Loading It

- **To save a flight plan without loading it**
  1. Open the Flight Info drawer.
  2. Tap **Flight Plans** at the bottom of the drawer.
  3. If prompted, enter the call sign for the aircraft and then tap **Enter** on the keyboard.
  4. Tap the desired flight plan from the list.

    FliteDeck Pro highlights the flight plan.
5. Tap **Save** next to the flight plan.

FliteDeck Pro adds the flight plan route to the list of saved flights.

### Working with ATC Clearances

FliteDeck Pro can enhance your awareness of current clearing trends. You can view cleared routes between a city pair for the past 24 hours and you can load a cleared route into the Flight Info drawer.

Clearances are grouped by route and are available for any flight within, into, or out of the United States.

**NOTE:** To display ATC clearances, ensure that Display ATC Clearances is set to ON in App Settings and that an internet connection is established.

To load an ATC-cleared route as part of a new flight, see [Loading an ATC-Cleared Route](#).

### Saving an ATC Cleared Route Without Loading It

Saving an ATC-cleared route does not change the active flight. When you save an ATC-cleared route without loading it, FliteDeck Pro adds the route to the list of saved flights.

**To save an ATC cleared route without loading it**

1. Open the Flight Info drawer.
2. Tap **ATC Clearances** at the bottom of the drawer.

3. Tap the desired clearance from the list.
   FliteDeck Pro highlights the clearance.

4. Tap **Save**.
   FliteDeck Pro updates the list of saved flights with the route.

**FIGURE 54: Saving ATC-cleared route**

Tap to save flight without loading it
Viewing Enroute Map Information

FliteDeck Pro enables you to increase situational awareness by viewing your flight with respect to the enroute air structures.

About Enroute Themes

FliteDeck Pro provides three enroute themes:

- **High IFR.** Provides aeronautical information for enroute instrument 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.)

![Enroute Themes](image)

**FIGURE 55: Enroute themes**

**NOTE:** To display the VFR enroute theme, ensure that Display VFR Theme is set to ON in App Settings (if your company provides this option). See Changing the Enroute View App Settings.

Switch Between Enroute Themes

- **To switch between enroute map themes**

1. Tap the Enroute Theme button.
2. Tap the theme that you want to view.

When you switch between enroute themes and a route object is not included in the theme that you switch to, FliteDeck Pro displays that object as a standard waypoint on the enroute map.

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.
Filtering the Enroute Map

FliteDeck Pro enables you to show and hide objects on the enroute map. You also have some control over how objects appear when you customize a map object filter.

About Default 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 on the map regardless of the object’s show/hide status, 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, including the VFR theme.

**TABLE 1: Default Object Filtering**

<table>
<thead>
<tr>
<th>Enroute Map Object</th>
<th>High IFR</th>
<th>Low IFR</th>
<th>VFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airports</td>
<td>160 nm/in</td>
<td>80 nm/in</td>
<td>80 nm/in</td>
</tr>
<tr>
<td>Airways</td>
<td>80 nm/in</td>
<td>40 nm/in</td>
<td>40 nm/in</td>
</tr>
<tr>
<td>Waypoints</td>
<td>20 nm/in</td>
<td>20 nm/in</td>
<td>20 nm/in</td>
</tr>
<tr>
<td>Navaids</td>
<td>80 nm/in</td>
<td>40 nm/in</td>
<td>40 nm/in</td>
</tr>
<tr>
<td>Airspace</td>
<td>80 nm/in</td>
<td>40 nm/in</td>
<td>40 nm/in</td>
</tr>
<tr>
<td>Terrain</td>
<td>200 nm/in</td>
<td>200 nm/in</td>
<td>200 nm/in</td>
</tr>
<tr>
<td>Cultural</td>
<td>Never</td>
<td>Never</td>
<td>Always</td>
</tr>
</tbody>
</table>

**NOTE:** Airports, waypoints, and navaids appear on the map at all zoom levels when Show at All Scales is switched ON for the respective object, if your EFB administrator has made this option available on your device. See Showing Airports, Waypoints, and Navaids at All Scales.

Showing and Hiding Map Objects

When you are zoomed in at the minimum scale (see Table 1), you can show or hide map objects.

1. **To show or hide an enroute map object**

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

      To determine whether a feature is available for view, note whether its filter button is white or gray. If the button is gray, the feature is not available at that zoom level.

   2. Tap the filter button that corresponds to the specific enroute map feature.
Customizing Enroute Map Filters

You can further define how objects appear on the enroute map by adjusting the filter settings for a given object. The filters that are available vary depending on the current theme (High IFR, Low IFR, VFR).

To customize enroute map filters

1. To show the enroute map filters menu, tap the Filters Menu button.

   The filter menu opens to the Airports menu by default.

2. Tap the button that corresponds to the object type that you want to filter.

3. Change the desired settings.

4. To close the menu, tap away from the expanded menu or tap the Filters Menu button.

   FliteDeck Pro displays an amber badge on the object button to indicate that you have changed the default setting for an object.

   **TIP:** If the object that the Filters menu is related to does not appear on the map, tap the object button to show the object on the map.
About Enroute Map Object Filtering

Table 2 describes the filters available for the enroute map objects.

**TABLE 2: Filters Available for Enroute Map Objects**

<table>
<thead>
<tr>
<th>Object</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Airports</strong></td>
<td>You can set a minimum runway length for airports that appear on the map.</td>
</tr>
<tr>
<td></td>
<td>If your operator allows the option, you can also customize your view to show airports at all scales.</td>
</tr>
<tr>
<td></td>
<td>In the VFR theme, you can specify whether to show or hide heliports, seaports, and private airports.</td>
</tr>
<tr>
<td><strong>Airways</strong></td>
<td>No filters are available for airways in IFR themes. In the VFR theme, you can show or hide low altitude airways and other routes. Others routes include VFR routes and military training routes.</td>
</tr>
<tr>
<td><strong>Waypoints</strong></td>
<td>You can specify whether to show or hide only oceanic entries or exits in IFR themes. If your operator allows the option, you can also customize your view to show waypoints at all scales.</td>
</tr>
<tr>
<td></td>
<td>In the VFR theme, you can show or hide low altitude waypoints, VFR checkpoints, and VFR waypoints.</td>
</tr>
<tr>
<td><strong>Navaids</strong></td>
<td>If your operator allows the option, you can customize your view to show navaids at all scales.</td>
</tr>
<tr>
<td><strong>Airspace</strong></td>
<td>You can customize the airspace display to show or hide controlled airspace, ATC sectors, restricted airspace, prohibited airspace, warning and danger areas, and other. The Other category includes ADIZ, alert areas, equipment boundaries, MOAs, QNE/QNH boundaries, and training areas.</td>
</tr>
<tr>
<td><strong>Terrain</strong></td>
<td>No additional filters are available for terrain.</td>
</tr>
<tr>
<td><strong>Cultural</strong></td>
<td>The cultural filter is available only in the VFR theme. In this theme, you can customize your view to show or hide city names, city patterns, high tension lines, obstacles, railroads, and roads.</td>
</tr>
</tbody>
</table>

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 so that you can view this data within the context of your
route and other information on the map. At your company’s discretion, FliteDeck Pro can provide a way to view certain objects at all scales, regardless of your zoom level.

**NOTE:** The Show at All Scales option is only available if your EFB administrator enables the option. If enabled and you switch Show at All Scales ON, application performance might be slower than expected when you zoom and pan the map.

► **To view airports, waypoints, and navaids at all scales:**

1. Tap the Filters Menu button to open the menu.

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

   **NOTE:** The filters menu opens to the Airports menu by default. Tapping that button with the filter menu open, shows and hides Airports.

   - Waypoints
   - Navaids

3. Switch Show At All Scales to ON.

4. If the object is currently not showing on the map, tap the object button to show the filtered object on the map.

5. Tap away from the expanded menu or tap the Filters Menu button to close the menu.

**Viewing Map Object Details**

The enroute map shows the objects you select using map object buttons. FliteDeck Pro can display additional details about most of the objects that appear on the map.

► **To display details about map objects**

- Touch, hold, and then release an object on the map.

The selected object is highlighted in magenta, and a popover displays the object detail.
Depending on the type of object that you select, you might have the option to review more information about the object by tapping the flyout (noted by the > symbol).

In some situations, the Multiple Objects dialog appears. FliteDeck Pro prompts you to select the object you want to view. (You can also create a user-defined waypoint from the Multiple Objects popover. See Creating User Waypoints.)

About Displaying Map Object Details

You can display details about almost any object on the enroute map when you tap and hold the object, or in the case of airspace, on the boundary. The popover displays details depending on the type of object.
Table 3 describes the details that appear in the object detail popover or on the enroute map.

### Table 3: Enroute Map Object Details

<table>
<thead>
<tr>
<th>Object</th>
<th>Details in the popover</th>
<th>Additional Information</th>
</tr>
</thead>
</table>
| Airport    | - Airport name and identifier, geographic location, latitude and longitude coordinates, elevation, and time zone  
- Runway information (if available) including length, width, and surface of the runway  
- Communication information, if available  
- Access to METAR/TAF and time last updated, if available for the airport  
- Notes, if available for the airport  
  VFR airport:  
- VFR and low-use airports  
- Balloon facilities  
- Glider ports  
- Hang glider facilities  
- Heliports  
- Private airfields  
- Seaplane bases  
- Ultralight activity areas  | - Navigate to the Airport Diagram, if terminal charts are available for the airport.  
- Add the airport to the route or remove it from the route.  
- To view more information, such as displaced threshold, lighting, and TDZ elevation, tap a specific runway.  
- To view airport communication information grouped by type, tap Communications. When more than two of a given type are available, the first two are provided. Tap the More button to display more frequencies.  
- Tap Wx to view METAR/TAF information at the airport. |
TABLE 3: Enroute Map Object Details

<table>
<thead>
<tr>
<th>Object</th>
<th>Details in the popover</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airway</td>
<td>• Airway name • Segment start and end • Segment distance • Latitude and longitude coordinates • Inbound and outbound bearings • Mileage between navaids • Any altitude requirements • Access to cruise tables • Any restrictions</td>
<td>• In the Multiple Objects popover, select the particular airway segment</td>
</tr>
</tbody>
</table>

On the map, FliteDeck Pro displays distances between VORs, changeover points, and signal gaps on an airway, when zoomed in to a relevant zoom level and airways are set to show, or when an airway is part of the route description.

VFR routes
FliteDeck Pro displays the details about VFR route objects based on the type of route.
VFR routes include:
• Advisory routes
• VFR flyways
• Military low flying routes
• Military training routes
• VFR transition routes-Europe
• VFR transition routes-USA.
### TABLE 3: Enroute Map Object Details

<table>
<thead>
<tr>
<th>Object</th>
<th>Details in the popover</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waypoints</td>
<td>• Enroute fix or waypoint name and latitude and longitude coordinates</td>
<td>• Tap Add to Route to add the waypoint to your current route.</td>
</tr>
<tr>
<td></td>
<td>• Usage information</td>
<td>• Tap Remove from Route to remove the waypoint from your route.</td>
</tr>
<tr>
<td></td>
<td>• Intersection information, if any</td>
<td>• Tap Direct To to add the waypoint to your current route and remove all points between your aircraft position and the waypoint.*</td>
</tr>
<tr>
<td></td>
<td><strong>VFR waypoints</strong></td>
<td>• Tap the Intersection Info button for a detailed view of the intersection formation.</td>
</tr>
<tr>
<td></td>
<td>• VFR checkpoints</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• VFR landmarks</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Compulsory / non-compulsory reporting points</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Compulsory / non-compulsory helicopter VFR reporting points</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Military route mileage breaks</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Advisory route mileage breaks</td>
<td></td>
</tr>
<tr>
<td>Navaids</td>
<td>• Navaid name and identifier</td>
<td>• Tap Add to Route to add the navaid to your current route (if it is not already).</td>
</tr>
<tr>
<td></td>
<td>• Geographic location</td>
<td>• Tap Remove from Route to remove the navaid from your route (if it is currently a part of your route).</td>
</tr>
<tr>
<td></td>
<td>• Latitude and longitude coordinates</td>
<td>• Tap Direct To to add the navaid to your current route and remove all points between your aircraft position and the navaid</td>
</tr>
<tr>
<td></td>
<td>• Station declination or magnetic variation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Morse code</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Type of navaid</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Additional information about the navaid type and usage, if applicable</td>
<td></td>
</tr>
</tbody>
</table>
TABLE 3: Enroute Map Object Details

<table>
<thead>
<tr>
<th>Object</th>
<th>Details in the popover</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airspace</td>
<td><strong>FIR/UIR Boundaries</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Upper and lower limits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Communication information, if available</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Access to cruise tables</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Notes, if any</td>
<td></td>
</tr>
</tbody>
</table>

**ARTCC/ATC Sector Information**

• In Canada and the United States, in the Low IFR Enroute theme, FliteDeck Pro displays geo-referenced area traffic control centers with communication frequencies when the map is zoomed in to a relevant zoom level and airspace is set to show. This functionality can simplify ATC handoffs.
### TABLE 3: Enroute Map Object Details

<table>
<thead>
<tr>
<th>Object</th>
<th>Details in the popover</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class B Airspace</td>
<td>DME values for Class B airspace appear on the map when zoomed in to a relevant zoom level and airspace is set to show.</td>
<td></td>
</tr>
<tr>
<td><strong>VFR Airspace</strong></td>
<td>The map shows boundaries for the following areas:</td>
<td></td>
</tr>
<tr>
<td>Flight information zone</td>
<td>Military low flying areas</td>
<td></td>
</tr>
<tr>
<td>Helicopter traffic areas</td>
<td>Mode C areas</td>
<td></td>
</tr>
<tr>
<td>Helicopter traffic zones</td>
<td>Nature reserve areas</td>
<td></td>
</tr>
<tr>
<td>VFR traffic areas</td>
<td>Parachute jumping areas</td>
<td></td>
</tr>
<tr>
<td>Bird Areas</td>
<td>Traffic advisory areas</td>
<td></td>
</tr>
<tr>
<td>Hang glider areas</td>
<td>Ultralight areas</td>
<td></td>
</tr>
<tr>
<td>Local flying areas</td>
<td>Parachute areas</td>
<td></td>
</tr>
<tr>
<td>Low level routes</td>
<td>Prohibited overflight areas</td>
<td></td>
</tr>
<tr>
<td>Gas venting areas</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Terrain</strong></td>
<td>The terrain legend when terrain is set to show on the map. To hide the terrain legend,</td>
<td>Changing the Enroute View App Settings.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DME ring values**

**Terrain**

The terrain legend when terrain is set to show on the map. To hide the terrain legend, Changing the Enroute View App Settings.
## Accessing Notes

FliteDeck Pro provides notes based on your current view. Your zoom level must be approximately 100nm/in or less to access them.

### About Notes

All of the notes provided on precomposed paper charts are available:

- **Operational.** Tactically important information regarding specific navigation elements. These notes are equivalent to Ball Flag notes on paper charts and are indicated visually on the enroute map by blue "i" icons. You can also access operational notes directly from the enroute map by tapping, holding, and then releasing the associated blue "i" icons.

- **Regional.** Procedures, conditions, or requirements for a specific geographical region. These notes are equivalent to Floating notes on paper charts.

- **Reference.** Aeronautical reference information for large charted areas. These notes are equivalent to End Panel notes on paper charts.

### Displaying Notes

- **To access notes along your route**

  1. Tap the **Notes** button.

### TABLE 3: Enroute Map Object Details

<table>
<thead>
<tr>
<th>Object</th>
<th>Details in the popover</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cultural Information (VFR only)</td>
<td>On the map, FliteDeck Pro displays the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• City names</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• City patterns</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• High-tension lines</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Obstacles (such as, buildings, towers, plants, suspended bridges, and windmills)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Railroads</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Roads</td>
<td></td>
</tr>
<tr>
<td><strong>VFR Obstacles</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Type of obstacle</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Latitude and longitude coordinates</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Elevation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Height</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Lighting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Number of obstacles</td>
<td></td>
</tr>
</tbody>
</table>
2. Tap the button that corresponds to the type of note that you want to view.
3. Tap the desired note.

![Operational notes](image)

**FIGURE 60: Operational notes**

**View Your Flight with Respect to the Enroute Air Structure**

**Confirming GPS Status**

The GPS Status button appears on the FliteDeck Pro toolbar when:

- Your device has GPS functionality
- Enable Moving Map setting or one of the Display Ownship settings is set to ON in App Settings.

A badge appears over the GPS Status button if the GPS signal does not meet the minimum accuracy requirement.

The minimum required GPS accuracy to display ownship position as follows:

- 200 meters for the enroute map
- 17 meters for taxi charts

**To view GPS status**

- Tap the GPS button.

FliteDeck Pro displays the current groundspeed, GPS altitude, last position received, and accuracy status.
Viewing Enroute Map Information
View Your Flight with Respect to the Enroute Air Structure

Viewing Ownship on the Map

Your current aircraft position (ownship position) is available on the enroute map when:

- Enable Moving Map and Display Ownship on Enroute in App Settings are set to ON.
- The minimum GPS accuracy requirement is met.

The minimum required GPS accuracy to display ownship position on the enroute map is 200 meters.

NOTE: Centering the map over aircraft location and displaying the ownship symbol on the enroute map are both designed to improve flight crew situational awareness during enroute flight. Do not use this functionality as the basis for navigation. Operators might be required to obtain additional authorization to use this function.
Viewing Present Position

- To recenter the map over your aircraft position after you have panned away
  - Tap the Present Position button.

  ![Present Position button on the enroute map](image)

  **FIGURE 63: Present Position button on the enroute map**

  This button appears on the Enroute map when you have panned away on the enroute map and when these conditions apply:
  - **Enable Moving Map** is set to ON in App Settings.
  - The minimum required GPS accuracy to display ownship position on the enroute map is met.

  **NOTE:** The minimum required GPS accuracy to display the present aircraft position on the enroute map is 200 meters.

- To change the enroute map orientation
  - Tap North Up or Track Up.

  ![North Up and Track Up buttons](image)

  **NOTE:** To use Track Up, your device must have GPS capability and you must switch Enable Moving Map to ON in FliteDeck Pro App Settings.

Viewing Distance Calculations

The distance-measuring tool provides a set of range rings or arcs that you can show and hide by tapping a button.
To show and hide range rings

- Tap the **Range Rings** button.

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

The center-most ring includes a compass rose that indicates true north, south, east, and west. The center is called the reference point. Tic marks are drawn at 15-degree intervals between the cardinal points of the compass.

**IMPORTANT:** Distance calculations are approximate and are designed to enhance situational awareness. Do not use distance information for navigation.

### Determining Distance with the Offset Indicator

When you display range rings, a distance calculator appears if the ownship is outside of the center-most ring. The calculator indicates the exact distance from the center of the ring to the ownship symbol.

- **To determine the distance and direction from your aircraft to any other object on the map**

  1. Tap the **Range Rings** button to show the range rings.
  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 the distance and direction to your aircraft position.

   ![FIGURE 64: Range rings](image-url)
NOTE: To determine distance with the offset indicator, ensure that Enable Moving Map is set to ON in App Settings.

Displaying Enroute Weather

Weather data is provided by Jeppesen weather services and is obtained from either the National Weather Service or the UK Meteorological Office as well as other private weather providers that Jeppesen uses to create aviation-specific weather information.

FliteDeck Pro displays an enroute weather selection boundary on the enroute map to indicate the extent of your weather coverage area.

NOTE: To receive enroute weather data updates, Display Enroute Wx must be set to ON in App Settings and your device must have an Internet connection.

About Enroute Weather Updates

After you establish an internet connection and switch Weather to ON, FliteDeck Pro checks the selected weather type for updates. The application downloads weather data within the radius of your route or scales data to your coverage area. FliteDeck Pro displays an enroute weather selection boundary to indicate the extent of the weather coverage area.

• If your enroute data coverage is not worldwide, FliteDeck Pro downloads only weather data within the boundaries of your enroute data coverage.

• If your enroute data coverage is worldwide and a route exists, FliteDeck Pro displays weather information for an area that extends 1,000 n.m. around your route (including the beginning and ending points of the route).

• If your enroute data coverage is worldwide, but no route is entered, FliteDeck Pro downloads weather data for the selected weather type for the entire worldwide coverage.

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.

Displaying Enroute Weather

► To display enroute weather

1. Tap Wx.
2. Switch Weather to ON.
3. Tap the weather type that you want to view.
Enroute weather types include:

- Icing
- Radar (NEXRAD, echo tops, and lightning)
- Surface observations
- Turbulence
- Winds aloft forecasts

Reloading Enroute Weather

► To update weather information

1. Tap the Reload button at the bottom of the Weather popover.
2. Tap away from the popover to dismiss it.
Viewing Terminal Information

You can preview and select multiple charts for the active flight, highlight and rotate the chart, view ownship position, and display METAR/TAF when displaying terminal information.

See Selecting Terminal Charts for Your Flight for information about selecting charts for route airports in the active flight.
Working with Terminal Charts

Viewing Charts for Airports Not In Your Route

- To access terminal charts for an airport that is not associated with the active flight
  1. Tap the Airports button.
  2. Tap the All Airports button at the bottom of the Airports popover.
  3. Tap in the Search field and enter the city name or airport ICAO or IATA identifier.
  4. Tap the airport name from the results list to select it.
     The airport you select appears on the Airports button.
  5. Tap a chart type button and scroll through the list of charts for that airport's chart type
     See About Terminal Chart Types for chart type definitions.

Highlighting a Chart

- To highlight information on a terminal chart
  - Tap the Highlight button.

This button becomes green when you are in highlight mode. In this mode, your finger acts as a highlighter on the chart and two additional buttons become available.

![FIGURE 68: Highlighting a terminal chart](image)

- To remove the last highlighted selection, tap the Undo button.
- To clear all highlight selections, tap the Trashcan button, and then tap Clear All.

NOTE: Highlights persist on the chart until you remove the highlights or update the chart.
Rotate a Chart

- To rotate a chart
  - Tap the Rotate button.

  ![Rotate button]

  Each time that you tap the Rotate button, the chart turns clockwise in 90-degree increments.

Printing a Terminal Chart

- To print a terminal chart

6. Tap the Settings button on the FliteDeck Pro toolbar.

![App Settings]

FIGURE 69: The Print Chart button

1. Tap Print Chart.
2. To change the default printer, tap the Printer menu and select the printer.
3. To change the orientation, tap the Orientation menu and select Portrait or Landscape.
4. Tap Print.

Chart Revisions

Whenever terminal charts are updated, the charts effective upon receipt and are available to you immediately in FliteDeck Pro.

However, in certain circumstances a chart revision can occur when a chart takes effect in the middle of a scheduled chart revision time period.

When a chart revision is available, FliteDeck Pro displays an amber effectivity badge on the chart. A badge also appears on the Airports button for the airport. The badge appears 24 hours before and after the chart effectivity change. You can switch between chart versions within this 48-hour effectivity period.
NOTE: Always brief selected terminal charts, including a review of effectivity dates, as part of your briefing.

Switching Between Available Chart Version from the Airport List

Whenever a chart revision exists at an airport in your route, FliteDeck Pro displays an effectivity badge on the Airports button and in the expanded Airports list.

To switch between available chart versions for the airport

1. Tap the route Airports button.
   FliteDeck Pro displays the list of airports for the active flight, and any airport effectivity text and badges.
2. Tap the Airport Effectivity badge.
   FliteDeck Pro displays the Airport Revision Selector and prompts you to choose the effectivity date of the chart that you want to view.
3. Tap the selection that corresponds to your preferred effectivity date, and then tap Done.
   All the charts for the airport switch over to the selected revision date.

Switching Between Available Chart Versions from a Chart

FliteDeck Pro displays chart revision text in the chart list and on the chart itself (with a chart revision tag) whenever a revision exists for a chart.
To switch between available chart versions for an airport while viewing a chart

1. Tap the **Switch** on the chart revision badge.
   
   FliteDeck Pro displays the Airport Revision Selector and prompts you to choose the effectiveness date of the chart that you want to view.

2. Tap the selection that corresponds to your preferred effectiveness date, and then tap **Done**.

   All the charts for the airport switch over to the selected revision date.

Viewing Your Flight with Respect to the Terminal Air Structure

Confirming GPS Status

The GPS Status button appears on the FliteDeck Pro toolbar. Tap this button to view the current groundspeed, GPS altitude, last position received, and accuracy status.

The button shows details when these conditions are met:

- Your device has GPS functionality.
- Either the Enable Moving Map or the Display Ownship on Airport Diagram setting is set to ON in App Settings. See Adjusting FliteDeck Pro App Settings.
A badge appears over the GPS Status button if the GPS signal does not meet the minimum accuracy requirement.

The minimum required GPS accuracy to display ownship position as follows:

- 200 meters for the enroute map
- 17 meters for taxi charts.

**About Ownship on Taxi Charts**

FliteDeck Pro displays the ownship position on the taxi chart when these conditions are met:

- Display Ownship on Airport Diagram is set to ON in App Settings.
- Your aircraft is moving no faster than the speed specified in the Arpt Diagram (10-9) Speed Threshold in App Settings. The speed threshold is 40 knots by default.
- The minimum required GPS accuracy to display ownship position on taxi charts (17 meters) is met.

**NOTE:** Displaying ownship position on taxi charts is designed to assist flight crews in orienting themselves on the airport surface and to improve pilot positional awareness during taxi operations. Do not use this functionality as the basis for navigation. Operators might be required to obtain additional authorization to use this function.
About the Off-Map Indicator on Taxi Charts

FliteDeck Pro provides an off-map indicator as a visual cue as to the direction from which your aircraft is approaching when these conditions are met:

- Display Ownship on Airport Diagram is set to ON in App Settings.
- Your aircraft is within 10NM of the chart boundary.
- The minimum required GPS accuracy to display ownship position on taxi charts (17 meters) is met.

About Switching to the Airport Diagram Upon Landing

FliteDeck Pro automatically switches to the airport diagram upon landing when these conditions are met:

- Show Taxi On Landing is set to ON in App Settings.
- Your aircraft is moving no faster than the speed specified in the Arpt Diagram (10-9) Speed Threshold field in App Settings.

Displaying Terminal Weather

Jeppesen provides weather data in FliteDeck Pro. Jeppesen receives source data primarily from the National Weather Service and the UK Met Office as well as other private weather providers to create aviation-specific weather information.
To display METAR or TAF weather data

1. While viewing terminal information, tap the Wx button. A Weather popover for the selected airport opens.
2. To change to another format, tap Raw or Decoded.

FIGURE 74: Raw weather data in Terminal Charts

The Weather popover describes when the weather information was last 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.

To manually update weather data

1. Tap the Reload button at the bottom of the Weather popover.

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

To display METAR and TAF weather data from the enroute map

1. Tap and hold the airport symbol on the enroute map. FliteDeck Pro displays the Airport popover.
2. Tap the **Weather** flyout.

![Weather option in the Airport popover](image)

**FIGURE 75: Weather option in the Airport popover**
Working With Data Updates

About 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, you can tap the App Settings button from the FliteDeck.Pro toolbar, and then tap Updates to view the status of your enroute and terminal chart data, and any selected manuals.

Data is identified as *Current* or *Not Current*.

![Data Updates dialog](image)

**FIGURE 76: Data Updates dialog**

**Status Badge Indicator**

Whenever data updates are available, a badge appears on the FliteDeck Pro toolbar Settings button. The badge indicates the number of updates available.

- The badge is amber when data in use is current, and an update is available.
- The badge is red when data is not current, and an update is available.
About Data 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.

When two sets of data are available, the bar color code meanings are:

- Light green—Current data is in use.
- Dark green—Data is available, but not in use.
- Light red—Data is not current.
- Dark red—Next update has not been downloaded.

Performing Data Updates

To perform an update

1. Tap the **App Settings** button.
2. Tap **Updates**.

3. Tap **Update** at the bottom of the dialog.
4. While the update is downloading, you can do the following actions:
   - 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** at the top of the Updates dialog.
• To resume updates after having canceled them, tap the App Settings button, tap Updates, and then tap Resume at the bottom of the dialog.

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

IMPORTANT: During the update process, avoid disabling your Wi-Fi or Internet connection, and avoid placing your device in Airplane mode. Doing so interrupts the update and can cause unpredictable results.

NOTE: The download time depends on your connection to the Internet and the size of the required updates. At any time during the update, you can tap Cancel or Exit to cancel the download and continue to use the data that was previously installed.

Switching Between Two Available Enroute Database Versions

► To change enroute database versions when more than one version of enroute data is available

1. Tap the App Settings button.
2. Tap Updates.
3. Tap the Switch to Database Effective flyout.
4. Tap the database that you want to use.

5. To close the flyout, tap Close.

NOTE: You can only switch between two databases when the system date is 24 hours before or after the database 1 end date and database 2 effective date.

FIGURE 78: More than one database available
About an Unscheduled Update

FliteDeck Pro enables you to complete an unscheduled update for any data type—that is, terminal chart, enroute, or manual updates. An unscheduled (or off-cycle) update is an unplanned change. For example, an unscheduled update can occur due to an error on an existing chart or, in the case of company manuals, when a publication is not part of an update cycle.

Unscheduled updates are initiated by your company or by Jeppesen on a case-by-case basis. You receive notification of an unscheduled update from an external communication. Whenever you receive notification of an unscheduled update, you perform the update from within FliteDeck Pro.

Performing an Unscheduled Update

- To perform an unscheduled update
  1. Tap the **App Settings** button.
  2. Tap **Updates**.
     
     FliteDeck Pro displays an alert if an unscheduled update is available.

  3. To perform the unscheduled update, tap **OK**.
  4. Tap the **Update** button.
  5. When updates are complete, tap the **X** at the top of the Updates screen to dismiss it.
Accessing Account Information and Technical Support

The App Settings menu includes options that are helpful when maintaining FliteDeck Pro on your device or working with Technical Support to resolve any issues.

Resetting User Settings

After adjusting preferences and customizing flight information, you might want to return FliteDeck Pro to the original settings.

You accomplish these tasks from App Settings.

![App Settings menu with highlighted options](image)

**FIGURE 79: Resetting defaults and clearing custom content**

- **To reset user settings**
  - Tap *Reset User Settings* and then tap *Proceed*.
  
  The FliteDeck Pro settings that you changed are returned to their default values.

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 all custom content**
  - Tap *Clear Custom Content* and then tap *Proceed*.

  When you clear custom content, you remove the following items:
  - Saved flights
Viewing Account Information

Refer to the Account Info section in FliteDeck Pro App Settings for information that may assist you when working with technical support or setting up your flight planning service.

To view your account settings

1. Tap the App Settings button.
2. Scroll to the Account Info section.

The Account Info section displays the FliteDeck Pro version number, build number, and the name of the individual to whom the app is registered. The section also shows your credentials, if any, to a flight planning service and the coverage codes for the areas in your subscription.

To register other applications on your device using your FliteDeck Pro credentials, switch Share Registration to On, and then follow further directions from your EFB administrator.
• To update the credentials for the flight planning service from which you receive flights, enter the user name, password, and URL for the flight planning system under Flight Plan Services.

  **NOTE:** For more information about flight plan credentials, contact your EFB administrator or Jeppesen account manager.

• For Jeppesen technical support, tap the **Jeppesen Support** Link.

  This action displays phone numbers, an email address, and a link to the Jeppesen Technical Support web page.

  **NOTE:** The contact information that appears on your device might be specific to your company.

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## 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).

**NOTE:** If your company configures your device, the option to deactivate the app might not be available.

**To deactivate the app**

1. Tap the **App Settings** button.
2. In the Account Info section, switch **Deactivate** to ON.
3. Relaunch the application.

When you deactivate the application, you can still run it in Demo mode. In Demo mode, the following conditions apply:

• Terrain coverage is limited to a small portion of North America.
• Airways, navaids, waypoints, and airports are limited to a small portion of North America.
• Enroute routing capabilities are limited.
• No manuals are available.

**IMPORTANT:** Do not use Demo mode to aid situational awareness during flight.

The limited terminal charts that appear are intended for demonstration purposes only. After you activate FliteDeck Pro, the enroute data and terminal charts that your organization subscribes to are available.

**NOTE:** To reactivate FliteDeck Pro, contact your EFB administrator.