Jeppesen FliteDeck Pro User Guide

Version 2.5.3 for iOS
Revision 1.1
This document supports version 2.5.3 of the Jeppesen FliteDeck Pro iOS application.

The minimum operating system requirement for this Jeppesen FliteDeck Pro release is iOS 7.0.

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Revision 1.0
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Introduction

This document provides detailed instructions for using Jeppesen FliteDeck Pro version 2.5.3, an iOS electronic flight bag (EFB) application.

About This Document

Intended Audience

The intended audiences for the *Jeppesen FliteDeck Pro User Guide* are pilots and support specialists that may be new to Jeppesen FliteDeck Pro.

Additional References

In addition to this *User Guide*, Jeppesen provides detailed, task-oriented training and documentation for FliteDeck Pro on the web at the Jeppesen [FliteDeck Pro Training and Documentation page](#).
These materials include:

- Introducing Jeppesen FliteDeck Pro 2.5 (video)
- Jeppesen FliteDeck Pro Online Lesson
- Jeppesen FliteDeck Pro Release Notes
- Jeppesen FliteDeck Pro Administrator Guide
  (Available upon request.)
- Jeppesen FliteDeck Pro In-app Help
  (Accessed from within the FliteDeck Pro application.)

**Product Support**

Many operators provide their own technical support for FliteDeck Pro. You might be able to access your company technical support contact information by tapping **Settings > Help** from the Jeppesen FliteDeck Pro toolbar.

Jeppesen also provides technical support 24 hours a day, 7 days a week at:

- **United States Toll Free:** 1-800-978-9186
- **United States Direct:** 303-328-6175
- **International:** +49-6102-508290
- **Email:** techsupport@jeppesen.com
- **Web:** Jeppesen.com/FDProiOS
Release Summary

Jeppesen iOS applications are continually modified to be fully compatible with the latest Apple mobile operating system and iOS devices.

Release Identification Information

This document supports version 2.5.3 of the Jeppesen FliteDeck Pro iOS application.

Operating System Requirements

The minimum operating system requirement for this release is iOS 7.0.

Hardware Supported

Jeppesen FliteDeck Pro is supported on all iPads except the first generation iPad. Jeppesen has tested FliteDeck Pro for compatibility with the following iOS devices:

- iPad 2 (Wi-Fi and 3G)
- iPad 3 (Wi-Fi and 3G)
- iPad 4
- iPad Mini
- iPad Mini Retina
- iPad Air

Connectivity Considerations

Jeppesen FliteDeck Pro requires a reliable Wi-Fi or cellular Internet connection to download data updates. The time necessary to download and perform updates depends on the speed of the Internet connection and the size of the data coverage area.
Upgrade and Deployment Considerations

Jeppesen FliteDeck Pro supports a commercial aviation business model and is released through available Apple distribution models. Only one version of the app can be downloaded to the iPad at one time.

When you update the Jeppesen FliteDeck Pro app from one version to another, the following information is preserved:

- Customized global settings under user control, including registration and account information
- Saved flights
- User-defined waypoints that are part of a route

NOTE There are special considerations associated with updating from FliteDeck Pro 2.1.

When you update from Jeppesen FliteDeck Pro 2.1:

- New cultural, terrain, and enroute datasets automatically download. The size of this data download is approximately 500MB.
- Ensure that you have the necessary time and bandwidth to perform the complete update before commencing the update.

To prevent the Jeppesen FliteDeck Pro app from automatically downloading in the background and forcing an update at an inopportune time, ensure you have background updates disabled at the device level. To disable this function:

1. Tap Settings on your iPad Home screen.
2. From the list of applications, tap iTunes & App Store.
3. Under Automatic Downloads, switch Apps to OFF.
Getting Started

Use basic iPad gestures to interact with Jeppesen FliteDeck Pro.

Basic iPad Gestures

**Pinch to Zoom**

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

**Touch, Hold, then Release**

When interacting with the enroute map, you can touch, hold, and then release any object on the map to add it to your route, delete it from your route, or view more information about it.

**Double-tap to Zoom Out**

Double-tap one finger to zoom out to the full extent of your route (in Enroute view) or to the full extent of the chart (in Terminal Charts view).

**Two-finger Swipe to Navigate**

Swipe two fingers to flip through your selected terminal charts, like flipping through pages in a book.

**Four-finger Swipe Between Open Apps**

Swipe four fingers to move back and forth between one open app and another. For example, you can do this gesture to navigate back and forth between an open PDF reader and Jeppesen FliteDeck Pro.
Four- finger Swipe Up and Down

Swipe four fingers up and down to show and hide the iPad taskbar. This gesture is helpful when you want to go back and forth between iPad Settings and Jeppesen FliteDeck Pro.

FliteDeck Pro Global Settings

Your company EFB administrator may preconfigure certain FliteDeck Pro (JeppFD-Pro) global settings.

Any settings that are preconfigured by your administrator can still be adjusted by you in global settings, but the changes you make to the preconfigured settings will not take effect in the application.

When you launch FliteDeck Pro, any settings preconfigured by an administrator over-ride any changes that you may have made in global settings. Any settings that are not preconfigured remain under your control.

NOTE When you update Jeppesen FliteDeck Pro from one version to another, all customized global settings under user control are preserved.
JeppFD-Pro Global Setting Defaults

- Sleep Mode - ON
- Allow Flight Sharing - ON
- Enable Moving Map - OFF
- Display Ownship on Enroute - OFF
- Display Ownship on Airport Diagram - OFF
- Default Chart Zoom Level - Fit Full Chart
- Arpt Diagram(10-9) Threshold - 40 knots
- Display Enroute Wx - OFF
- Display METAR/TAF - ON
- Temperature Unit - Fahrenheit
- Default METAR/TAF Format - Raw
- Share Registration Info - OFF
- Flight Plans (Username, Password and URL) - BLANK
- Company Manuals (Username and Password) - BLANK

To adjust Jeppesen FliteDeck Pro global settings:

- Tap Settings on your iPad Home screen.
- From the list of applications, tap JeppFD-Pro.

Sleep Mode

This setting controls the iPad sleep mode. The setting is ON by default. To ensure that the iPad stays powered on during flight, switch Sleep Mode to OFF.

NOTE Switching Sleep Mode to OFF reduces the iPad battery life.
**Flight Info**

This setting enables the sharing of flight information between two iPads actively running FliteDeck Pro. The setting is ON by default.

To share flight information, ensure that **Allow Flight Sharing** is set to ON for both iPads. In addition, ensure that Airplane mode is disabled and that either a Wi-Fi connection is established, or Bluetooth is set to ON for both iPads.

**Enroute View**

These settings control the display of the Enroute view. Both Enroute View settings are set to OFF by default.

- Switch **Enable Moving Map** to ON to be able to track your aircraft, recenter the enroute map over your aircraft location, and view the enroute map in Track Up orientation.

- Switch **Display Ownship on Enroute** to ON to display ownship position on the enroute map.

  The minimum GPS accuracy requirement to display ownship on an enroute map is 200 meters.

**NOTE**

Centering the map over aircraft location and displaying the ownship position symbol on the enroute map are both designed to improve flight crew situational awareness during enroute flight. This function is not to be used as the basis for navigation.

Appropriate flight crew member training and procedures emphasize set up and operation such that the display should not become a distraction or increase heads down time. Operators may require additional authorizations to use this function.
Terminal Charts View

These settings control the display of the Terminal Charts view.

- To display ownship position on the airport diagram, switch **Display Ownship on Airport Diagram** to ON. This setting is OFF by default.

  The minimum GPS accuracy requirement to display ownship on a taxi diagram is 17 meters.

- **Default Chart Zoom Level** is the zoom level preference for viewing terminal charts. Values are **Fit Full Chart** and **Fit to Width**. **Fit Full Chart** is the default value.

- **Arpt Diagram (10-9) Speed Threshold** is the speed at which, if enabled, the automatic switch to a taxi diagram occurs. It is also the speed threshold at which the ownship appears on the airport diagram.

  You can optimize this setting for your aircraft by adjusting the threshold speed. Values range from 30 to 80 knots. The setting is 40 knots by default.

  Note that a GPS signal is required for the automatic switch to a taxi diagram. The accuracy requirement to display ownship on a taxi diagram is 17 meters.

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**NOTE**   
Displaying the ownship position symbol on the airport diagram is designed to assist flight crews in orienting themselves on the airport surface and improving pilot positional awareness during taxi operations. This function is not to be used as the basis for ground maneuvering and is limited to ground operations.

Appropriate flight crew member training and procedures emphasize set up and operation such that the display should not become a distraction or increase heads down time. Operators may require additional authorizations to use this function in flight.
Weather

These settings control your view of weather information.

Weather data is provided by Jeppesen weather services and is obtained from either the National Weather Service or the UK Meteorological Office.

- To view weather data overlaid on the enroute map, switch Display Enroute Wx to ON. This setting is OFF by default.
- The Display METAR/TAF weather setting is ON by default.
- Temperature Unit options are Fahrenheit (default) or Celsius.
- Default METAR/TAF Format options are Raw (default) and Decoded.
Account Info

These settings provide application information and services.

- **Version** displays the Jeppesen FliteDeck Pro version and build number.
- **Registration Info** displays the recipient name.
- **Share Registration Info** enables you to use FliteDeck Pro registration information to register other applications. This setting is OFF by default.

To share FliteDeck Pro registration information with another application on your iPad:

1. Switch **Share Registration Info** to ON.
2. Launch FliteDeck Pro.
3. Launch the app with which you intend to share registration information.

- **Terminal Charts Coverage Code** displays your terminal charts coverage code and is used as a reference by technical support.
- **Services** includes options to enter credentials so that you can import flight plans and access company-uploaded documents.

  **Flight Plans**: Enter the username, password, and URL for the flight-planning system from which you receive flight plans.

  **Company Manuals**: Enter account information so that you can access any company-uploaded documents.
Support Information and Settings

These settings provide access to support and application information and settings.

- **Support** displays contact information for FliteDeck Pro technical support. **Send log files via Email** enables you to email log files from your iPad to assist Jeppesen in providing technical support.

- **Terms & Conditions** displays links to both the current Application and Data Terms and Conditions.

- **Reset User Settings** enables you to restore all JeppFD-Pro settings to their default or preconfigured settings.

- **Deactivate** removes all Jeppesen data and clears the registration and coverage code information from the iPad.

To deactivate Jeppesen FliteDeck Pro:

1. Switch **Deactivate** to ON.
2. Launch FliteDeck Pro.
3. Tap **Proceed** to confirm that you want to deactivate the application.

Setting Up Your Flight

The Jeppesen FliteDeck Pro interface makes it easy to access the functions and information that you use most.
Overview

The Flight Info Drawer

The Flight Info drawer is where you create, load, view, and save the active flight from either the Terminal Charts view or the Enroute view.

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

The active flight is the displayed flight. It includes origin, destination, any alternate airports, and the route description. The active flight also includes any selected terminal charts associated with the flight. The name of the active flight appears on the Flight Info drawer tab.

The Views

To view the active flight with respect to either the enroute or terminal air structures:

- Tap the Enroute view button to access the enroute map.
- Tap the Terminal Charts view button to access terminal charts.

Create a New Flight

Enter Airports

To create a new flight:

1. Open the Flight Info drawer.
2. Tap the New Flight button.
3. Tap in each field and enter the origin, destination, and any alternate airports for the new flight.
   - Identify airports by using either their city names or airport ICAO or IATA identifiers.
   - Separate alternate airports with a space.
Enter Route Points

To add nav aids, waypoints, and airways to your route:

1. Tap in the route description box and enter route points.
   - Use either the keyboard or copy and paste to enter routes.
   - Airports that are entered as points in the route description are automatically included in the route airports list.
2. Tap Done on the keyboard when you finish entering flight information.
3. Tap the Flight Info drawer tab to close the drawer.

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)

**NOTE** Dot-notation uses two dots to indicate direct-to points; and one dot between via routings.
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)
- XXNXXXXW(37N122W)
Add SIDs and STARs

After you enter origin and destination airports, you can enter a SID or a STAR (or both) in the route description.

To render SID or STAR transition points on the enroute map use this format:

- For a SID, enter: rwy.SID.transition
- For a STAR, enter: transition.STAR.rwy

For example, to enter the LBSTA Three RNAV departure out of KBOS, departing on Runway 22L, via the LBSTA enroute transition, you would enter: 22L.LBSTA3.LBSTA

When the runway is a part of the route description, transition points are depicted on the enroute map by a dashed line and a label that identifies the procedure appears along the dashed line. In addition, Jeppesen FliteDeck Pro adjusts the flight distance that appears in the Flight Info drawer.

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**NOTE** The depiction of SID and STAR transition points on the enroute map is provided to support situational awareness only. Always brief the SID or STAR terminal procedure.
**Editing Your Route**

There are several ways you can edit your route. You can edit a route from inside the Flight Info drawer or by simply interacting with the enroute map itself.

**Edit Your Route in the Flight Info Drawer**

You can edit your route from within the Flight Info drawer in either the Enroute view or Terminal Charts view.

To edit your route:

1. Open the Flight Info drawer.
   - Tap in the origin, destination, or alternate airport fields to edit these airports.
   - Tap in the route description box to add or delete any navaids, waypoints, or airways.
2. Tap **Done** on the keyboard.
3. Tap the Flight Info drawer tab to close the drawer.

**Edit Your 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.

   Jeppesen FliteDeck Pro displays additional information for that object.

2. Depending on the type of object, you can review additional information, or select the object to add it to, or remove it from, your route.

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**NOTE** The **Direct To** option is available when the **Enable Moving Map** setting in JeppFD-Pro global settings is enabled and the minimum GPS accuracy requirement is met.
Edit Your Route with Rubber-Band Routing

To edit your route by using rubber-band routing:

1. Touch a point along the existing route line and drag your finger to the point that you want to add to the route.
2. After you release your finger, select the action that you want to perform.

Create User-Defined Waypoints

You can name, add comments, save, and search for user-defined waypoints.

To create a user-defined waypoint:

1. Touch, hold, and release the map in the area where you want to insert a waypoint.

   Jeppesen FliteDeck Pro places a waypoint on the map and displays the New Waypoint popover.

2. Tap Save Waypoint.
   - To name the waypoint, tap in the Name field and enter a name.

   **NOTE** Waypoint names can include spaces, but cannot include periods or any special characters. For example, do not use any of these characters: ] [ ? / ~ # ! @ $ % ^ & * ( ) + = } | : " ; ' , > .

   - To enter comments, tap in the Comments field and enter comments that you want to associate with the waypoint.

3. Tap the Done button at the top of the popover when you finish.
4. You can then tap **Add to Route** or, if available, **Direct To**.

**NOTE**  
User-defined waypoints that are part of a route can be shared between devices and are available in all enroute themes and zoom scales.

Comments that are added to a user-defined waypoint are not shared between devices.

---

**Add a Radial DME Point to a Route**

To add a radial DME point to the active flight:

1. Open the Flight Info drawer.
2. Tap in the route description and enter the radial DME point to which you want to fly.
   
   For example, assume that ATC has instructed you to fly “direct to 26 DME on 156 radial off of falcon VOR.” In this example, you enter: FQF156/26
3. Tap **Done** on the keyboard.
4. Tap the Flight Info drawer tab to close the drawer.
5. Touch, hold, and release the newly added radial DME point to display the popover and, if available, tap **Direct To**.

**NOTE**  
Flying **Direct To** will remove all route points between the current aircraft position and the DME point.

---

**Working with Saved Flights**

A saved flight includes origin, destination, alternate airports, and the route description, including any user-defined waypoints that are a part of the route. It also includes any selected terminal charts associated with the flight.
Save the Active Flight

To save the active flight:

1. Open the Flight Info drawer.
2. Tap the **Save** button at the top of the Flight Info drawer.

Each time that you save a flight, it is added to the Saved Flights list.

View Saved Flights

To view saved flights:

1. Open the Flight Info drawer.
2. Tap the **Saved Flights** button at the bottom of the drawer.
3. Tap a saved flight from the list of saved flights to expand its view.

   Jeppesen FliteDeck Pro indicates any selected charts associated with the flight, as well as the date that the flight was last updated.
4. Tap the saved flight again to collapse the view.

Load a Saved Flight

To load a saved flight:

1. Open the Flight Info drawer.
2. Tap the **Saved Flights** button at the bottom of the drawer.
3. Tap a saved flight from the list of saved flights to expand its view.
4. Tap the **Load** button.

   Jeppesen FliteDeck Pro loads the flight information and the flight becomes the active flight.
5. Tap the Flight Info drawer tab to close the drawer.
Sort Saved Flights

To sort saved flights:

1. Open the Flight Info drawer.
2. Tap the **Saved Flights** button at the bottom of the drawer.
3. Tap either **Sort by Date** or **Sort by Name** to select a sorting option.

Duplicate a Saved Flight

There may be a situation in which you would want 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 saved flight:

1. Open the Flight Info drawer.
2. Tap the **Saved Flights** button at the bottom of the drawer.
3. Tap the **Edit** button, and then tap the check mark circle next to the flight that you want to duplicate.
4. Tap the **Duplicate** (plus sign) button.

Delete Saved Flights

To delete a saved flight:

1. Open the Flight Info drawer.
2. Tap the **Saved Flights** button at the bottom of the drawer.
3. Tap the **Edit** button, and then tap the check mark circle next to the flight that you want to delete.
4. Tap the **Delete** (trashcan) button.
Sharing Flight Information

Sharing flight information enables a more efficient collaboration between crews, applications, and back-office systems.

Share Flight Info – Device to Device

NOTE To share flight information between two iPads actively running Jeppesen FliteDeck Pro, first ensure that Allow Flight Sharing is set to ON in JeppFD-Pro global settings for both iPads.

In addition, ensure that Airplane mode is disabled and that either a Wi-Fi connect is established or Bluetooth is set to ON for both iPads.

To share an active flight:

1. Open the Flight Info drawer.
2. Tap the Share button at the top of the drawer.

To share a saved flight (without loading it):

- Open the Flight Info drawer.
- Tap the Saved Flights button at the bottom of the drawer.
- Tap a saved flight to expand its view.
- Tap the Share button for the selected flight.
3. From the list of nearby iPads, select the iPad with which you want to share.

Jeppesen FliteDeck Pro displays a notification on the receiving iPad that you would like to share a flight. The recipient chooses to **Load**, **Save**, or **Decline**.

The sending iPad displays either **Shared** or **Declined**, depending on the action that the recipient chooses.
What is Shared – Device to Device

When you share flight information from one iPad running Jeppesen FliteDeck Pro to another, the following is shared:

• Origin, destination, and any alternate airports  
• Navaids, waypoints, (including user-defined waypoints), and airways entered into the route description  
• Selected terminal charts for the flight  

NOTE  Both devices must include the terminal chart coverage area of the selected terminal chart to successfully share the selected chart.

When you share flight information from one iPad running Jeppesen FliteDeck Pro to another, the following is NOT shared:

• Highlights on terminal charts  
• Rotated view of terminal charts  
• Comments associated with a saved user-defined waypoint  

Share a Route – App to App

You can import a route from a flight-planning app if it is set up to share with Jeppesen FliteDeck Pro. To share a route from a flight-planning app with FliteDeck Pro:

1. Load the route in the flight-planning app.  
2. Select the option to share with Jeppesen FliteDeck Pro.  

Jeppesen FliteDeck Pro opens and displays a notification that an app would like to share a flight.

3. From FliteDeck Pro, select Load, Save, or Decline.  
   • Tapping Load loads the route as the active flight.  
   • Tapping Save adds the route to the list of FliteDeck Pro saved flights.
Import a Route from a Flight-Planning System

You can import a route from your company flight-planning system that is set up to deliver flight plans to Jeppesen FliteDeck Pro. Contact your company to identify if this option is available and for any required credentials.

**NOTE** To import a route from a flight-planning system, you must first enter your flight-planning system credentials.

To enter your credentials, in JeppFD-Pro global settings, tap Services, and then under Flight Plans enter your credentials.

To import a route from a flight-planning system to FliteDeck Pro:

1. Open the Flight Info drawer:
2. Tap the **Flight Plans** button to expand the view.

   The most recently retrieved flight plans appear.
   - If any updates have become available since the last time that you accessed the flight plans, FliteDeck Pro displays the **New Updates Available** button.
   - Tap the **New Updates Available** button to update the list of flight plans.
3. Tap a flight plan to select it.
4. Tap either the **Load** button or the **Save** button for the selected flight.

To refine the list of flight plans, you can enter the Flight or Tail #, Origin, or Destination airport information, and then tap **Retry**.
Viewing Enroute Map Information

Jeppesen FliteDeck Pro helps you increase your situational awareness by viewing your flight with respect to the enroute and terminal air structures. This section describes available enroute map information.

High and Low IFR Enroute Themes

To switch between High IFR and Low IFR enroute themes:

1. Tap the Enroute Theme button.
2. Tap your preferred enroute theme.

Search for Enroute Map Objects

To search for an enroute map object, from the Enroute view:

1. Tap the Search button on the FliteDeck Pro toolbar.
2. Enter the city name, object name, or airport ICAO or IATA identifier in the search field that appears on the toolbar.
3. Tap the **Search Results** button or tap **Done** on the keyboard to display the search results.

   - The number of search results appears on the **Search Results** button.
   - Search results appear in the viewable area on the enroute map and in the list of results available from the **Search Results** button.

4. Select a search result to view the details popover.
5. You can review more information about the object by tapping any flyout ( > ), or you can add the object to your route.

NOTE To clear a search query, tap the X in the top right of the search field.

About Search Results

Jeppesen FliteDeck Pro searches across multiple words, not just the first word in the name.

Search 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.

• Displayed in the search results list and 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.

• Returned across enroute themes (High IFR and Low IFR).

• Not limited to filtered objects.
**Refine Enroute Search Results**

To refine enroute search results, tap the **APT** or **FIX** button at the top of the search results list. For example: to view only airports in the search results tap **APT**. To view only fixes in the search results, tap **FIX**.

**View Map Object Details**

**Nav aids**

To view any enroute map details, including nav aids:

1. Touch, hold, and release the object on the map.
   
   The selected object is highlighted and an object detail popover appears.

2. Depending on the type of object and its position on the map, you can review additional information for it, or choose from a list of additional objects.

3. Tap away from the popover to dismiss it.

**Airspace Fixes - Intersection Info**

Intersection information is available when an enroute fix is part of the route description or when the Waypoints filter is set to show waypoints on the enroute map.

To display intersection information:

1. Touch, hold, and release an enroute fix.
   
   The Enroute Fix popover appears.

2. Tap **Usage** for usage information.

3. Tap **Intersection Info** for a detailed view of the intersection formation.
Airport Information

In addition to general airport information, the Airport popover includes runway, communication, and weather information.

To view the airport information from the Enroute view:

1. Touch, hold, and release the airport.
   - Tap **Runways** to view runway information. Reciprocal airport runways are grouped together with information organized by chart. The size and surface of all runways at the airport appears. Tap a specific runway to view more information, such as displaced threshold, lighting, and TDZ elevation.
   - Tap **Communications** to view airport communication information grouped by type. 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 for that airport.

2. Tap away from the popover to dismiss it.

Note that airports are filtered by runway length in the Enroute view and are automatically based on zoom scale. For example:

In High IFR theme:

- 160nm/in - IFR airports with Runways >10,000 feet
- 80nm/in - IFR airports with Runways >8,000 feet
- 40nm/in - IFR airports with Runways >5,000 feet
- 5nm/in - All IFR airports

In Low IFR theme:

- 80nm/in - IFR airports with Runways >8,000 feet
- 40nm/in - IFR airports with Runways >5,000 feet
- 5nm/in - All IFR airports
- 2.5nm/in - All IFR and VFR airports
FIR and UIR Information

In addition to upper and lower limits, the FIR and UIR popover includes communication, cruise information, and notes, as applicable.

To view FIR or UIR information from the Enroute view:

1. Touch, hold, and release a FIR or UIR boundary.

The FIR or UIR popover appears:

- Tap **Communications** to view communication frequencies grouped by type. When more than two of a given type are available, the first two are provided. Tap the **More** button to display more frequencies.
- Tap **Cruise** to view the cruise tables.
- Tap **Notes**, indicated visually on the enroute map by blue "i" icons, to review operational notes associated with the boundary.

2. Tap away from the FIR or UIR popover to dismiss it.
**Distances Between VORs, Changeover Points, and Signal Gaps**

Distances between VORs, changeover points, and signal gaps appear on the enroute map when an airway is part of the route description or when the Airways filter is set to show airways on the enroute map.

**SID and STAR Transition Points**

When the runway is a part of the route description, transition points of the SID or STAR are depicted on the enroute map by a dashed line. A label that identifies the procedure appears along the dashed line. In addition, Jeppesen FliteDeck Pro adjusts the flight distance that appears in the Flight Info drawer.

To render SID or STAR transition points on the enroute map use this format:

- For a SID, enter: rwy.SID.transition
- For a STAR, enter: transition.STAR.rwy
For example, to enter the *LBSTA Three RNAV Departure* out of KBOS, departing on Runway 22L, via the LBSTA enroute transition, you would enter: 22L.LBSTA3.LBSTA

**NOTE** The depiction of SID and STAR transition points on the enroute map is provided to support situational awareness only. Always brief the SID or STAR terminal procedure.

### CTA DME Step Values

CTA DME step values appear around airports in Australia and New Zealand when Airspace is set to show on the enroute map.

To view CTA information, touch, hold, and release the CTA boundary. You might need to select a specific CTA to review its information.

### North Up or Track Up

To change the enroute map orientation, tap the **North Up** or **Track Up** button to switch between orientations.

**NOTE** To change the orientation to Track Up, **Enable Moving Map** in JeppFD-Pro global settings must be set to ON.

### View Ownship on the Enroute Map

The current aircraft position is available on the enroute map when both **Enable Moving Map** and **Display Ownship on Enroute** in JeppFD-Pro global settings are set to ON and the minimum GPS accuracy requirement is met.
View Present Position

The **Present Position** button is available in the Enroute view when the minimum GPS accuracy requirement is met and **Enable Moving Map** in JeppFD-Pro global settings is set to ON.

To recenter the map over your aircraft position after you have panned away, tap the **Present Position** button.

Show and Hide Enroute Map Features

To toggle between showing and hiding airports, airways, waypoints, navaids, airspace, and terrain on the enroute map, tap any of the filter buttons on the right side of the Enroute view.

Depending on the zoom level, certain enroute map features are automatically filtered to declutter the map.

*Hide the Legend for Terrain*

To hide the terrain legend that appears on the enroute map when the terrain filter is set to show, tap the **Settings** button on the Jeppesen FliteDeck Pro toolbar, and then switch **Terrain Legend** to OFF.

View Distance Calculations

The distance-measuring tool is a set of range rings or arcs that provide awareness of your distance to objects on the map at a glance.

To show and hide the range rings, tap the **Range Rings** button.
As you zoom in or out, the range rings change with the map scale. The center-most ring includes a compass rose that indicates true north, south, east, and west. The center is called the reference point.

**Determine Distance with the Offset Indicator**

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 distance and direction to your aircraft position.

**NOTE** If you toggle range rings off, the offset indicator no longer appears.

**View Notes**

To access notes along your route:

1. Tap the **Notes** button.
2. Select the type of note that you want to view.
3. Tap the desired note.
   
   Jeppesen FliteDeck Pro highlights the object on the map to which the note applies.

**NOTE** Notes are based on your current view, and the zoom level must be 100 NM or less to access them.
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 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.

### View Enroute Weather

Weather data is provided by Jeppesen weather services and is obtained from either the National Weather Service or the UK Meteorological Office.

**NOTE** To receive enroute weather data, **Display Enroute Wx** must be set to ON in JeppFD-Pro global settings and an Internet connection must be established.

To view enroute weather:

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

Enroute weather includes surface observations, RADAR (NEXRAD, echo tops, and lightning), and icing, turbulence, and winds aloft forecasts.
About Enroute Weather Updates

After you establish an Internet connection and switch Weather to ON, FliteDeck Pro checks the selected weather type for updates. FliteDeck Pro downloads weather data within the radius of your route or scales data to your coverage area.

An enroute weather selection boundary displays to indicate the extent of the weather coverage area.

- If your enroute data coverage is not worldwide, FliteDeck Pro downloads weather data only within the boundaries of your enroute data coverage.
- If your enroute data coverage is worldwide, and a route is entered, FliteDeck Pro downloads weather data only for an area that extends 1,000 NM 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 iPad.

You can also manually update a selected weather type by tapping the Reload button at the bottom of the Weather popover.

Surface Observations

To view surface observations:

1. Tap the Weather button.
2. Switch Weather to ON.
3. Tap the Surface Observations button.

Tap away from the Weather popover to dismiss it and view the weather overlaid on the map.
Icing, Turbulence, and Winds Aloft Forecasts

To view icing, turbulence, or winds aloft forecasts:

1. Tap the Weather button.
2. Switch Weather to ON, tap the Icing, Turbulence, or Winds Aloft button.
3. Tap the altitude at which you want to view the forecast weather.
4. Tap away from the Weather popover to dismiss it and view the weather overlaid on the map.

You can display up to four weather forecast images.

To change to a different forecast period after you select the weather type, tap the Forecast button and then select a different forecast time.

RADAR

To view NEXRAD, echo tops, or lightning:

1. Tap the Weather button.
2. Switch Weather to ON, tap the RADAR button.
3. Tap the type of RADAR weather that you want to view.
4. Tap away from the Weather popover to dismiss it and view the weather overlaid on the map.
5. Tap the Play button to cycle through the series of multiple images.

NOTE After you tap Play, the animation continues to cycle through the images until you either tap the Pause button or deselect the weather type to stop viewing it.
Accessing Terminal Chart Information

You can select multiple charts and navigate between them, highlight and rotate them all for easy access during critical phases of flight.

Terminal Charts View

Access Terminal Charts for the Active Flight

By default, the first time that you tap the Terminal Charts view button from an active flight, the airport diagram for the origin airport displays.

To view other charts associated with the active flight's origin airport:

1. Tap a chart type button.
2. Scroll through the list of charts.

To view terminal charts for other airports associated with the active flight (including alternate airports):

1. Tap the Airport button.
2. Select the desired airport from the list of airports in the active flight.

**About Terminal Charts**

Terminal charts are organized by chart types. The chart types are:

- **CO** (Company): Your company-tailored charts. (This chart type is available only if your company subscribes to Jeppesen tailored charting services).
- **STAR** (Standard Terminal Arrival): Arrival charts, sorted alphabetically by title.
- **APP** (Approach): Approach charts, grouped by runway and sorted by index number.
- **TAXI**: Taxi charts, sorted by index number.
- **SID** (Standard Instrument Departure): Departure charts, sorted alphabetically by title.

**Select Terminal Charts for the Active Flight**

To preview and select charts for the active flight:

1. Tap the Terminal Charts view button.
2. Tap a chart type button and scroll through the list of charts.
3. Tap the desired chart to preview it.
4. Tap the check mark circle next to the chart to select it and add it to the selected charts bar that appears under the chart display window.
After you select a chart, whenever you tap that chart type button, the last viewed, selected chart from that chart type appears. If no charts are selected within a chart type, the chart list opens.

**Navigate Between Selected Charts**

Each selected chart is represented by a pagination dot on the selected charts bar at the bottom of the chart display window. The chart type labels also appear above the dots.

The highlighted dot identifies the chart that is currently displayed in the series of selected charts.

To navigate between the selected charts, you can:

- Use a two-finger swipe, as though you are turning the pages of a book.
- Tap outside on the left or right side of the selected charts bar to move to the previous or next chart.
- Tap the chart type button to jump across multiple selected charts.

**Highlight a Chart**

To highlight information on a terminal chart, tap the Highlight button. In highlight mode, your finger acts as a highlighter on the chart.

Tap the Highlight button again to exit highlight mode or tap one of the following buttons:

- **Undo** button to remove the last highlight.
- **Clear All** button to clear all highlights.

**NOTE** Highlights persist on the chart until you remove the highlights or update the chart.

Highlights do not accompany charts that are shared between devices.
Rotate a Chart

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

**NOTE** The rotated view does not accompany a chart that is shared between devices.

Display Ownship on the Airport Diagram

Ownship position appears on the airport diagram when **Display Ownship on Airport Diagram** is set to ON, and your aircraft is moving no faster than the speed specified for the **Arpt Diagram (10-9) Speed Threshold** in global settings. The speed threshold is 40 knots by default.

Automatic Display of the Taxi Diagram upon Landing

To automatically switch to the taxi diagram for the airport where you are landing, tap the **Settings** button on the FliteDeck Pro toolbar. Switch **Show Taxi On Landing** to ON. The setting is OFF by default. The speed threshold is 40 knots by default.

**NOTE** The automatic display of a taxi diagram is based on the speed threshold that is specified for the **Arpt Diagram (10-9) Speed Threshold** in global settings. A GPS signal is required for the automatic switch to a taxi diagram.
Access Charts for Airports Not Associated with the Active Flight

To access terminal charts for an airport not associated with the active flight:

1. Tap the Airport 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.
5. Tap a chart type button and scroll through the list of charts for that airport's chart type.

View Terminal Weather

To view METAR or TAF weather data:

- Tap the Weather button from the Terminal Charts view.

A Weather popover for the selected airport opens.

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 the weather data:

- Tap the Reload button at the bottom of the Weather popover.
- Tap away from the popover to dismiss it.
Print a Terminal Chart

To print the displayed chart to an AirPrint-enabled printer:

1. Tap the **Settings** button on the FliteDeck Pro toolbar.
2. Tap **Print**.
3. Select the printer and the number of copies.
4. Tap the **Print** button.

**NOTE** Charts print out one per page and cannot be re-formatted.
**Toolbar Common Tasks**

The FliteDeck toolbar is available to you from all views and display orientations so that you can easily perform common tasks.

**FliteDeck Pro Toolbar**

![FliteDeck toolbar diagram]

**View Manuals**

**NOTE** You must have a PDF reader app installed on your iPad to view manuals.

To view a manual:

1. Tap the **Manuals** button on the FliteDeck Pro toolbar.
2. Select the manual that you want to view.
3. Select the PDF reader app of your choice.

You can use a four-finger swipe to move between the PDF reader app and the FliteDeck Pro app.

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**NOTE** If your company subscribes to Jeppesen Document Management Services, in addition to the Jeppesen Standard Airway Manuals, your company documents might also be available from the Manuals button on the FliteDeck Pro toolbar.

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**View Change Notices**

Change notices are available based on your current view. For example, in Enroute view, change notices are displayed by region. In Terminal Charts view, change notices are displayed for the selected airport.

To view change notices, tap the Manuals button on the FliteDeck Pro toolbar, and then tap the Notices button at the bottom of the Manuals popover.

- From the Terminal Charts view, any available notices for the selected airport appear in a popover.
- From the Enroute view, select the region for which you want to view change notices, and then select the PDF reader app of your choice to view the notices.

**On Demand Access to More Recent Change Notices**

You can access more recent change notices by tapping the jeppesen.com web link at the bottom of the Change Notices popover. These change notices are updated on a daily basis.

To access more recent change notices:

1. Tap the Manuals button.
2. Tap the **Notices** button at the bottom of the popover.

3. Tap **View More Recent Change Notices at jeppesen.com** at the bottom of the popover.

   A browser window opens.
   
   - Select your desired output format (Jeppesen or ICAO).
   - Select Airports or FIRs.
   - Tap in the Search field and enter the airport or FIR boundary name.
   - Tap the **Search** button.

You can use a four-finger swipe to navigate between the browser and the Jeppesen FliteDeck Pro app.

**NOTE**  
Check NOTAMs and all other pertinent information prior to flight.

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**Adjust Brightness and Night Theme**

To adjust the display brightness, tap the **Brightness** button on the FliteDeck Pro toolbar, and then slide the brightness control to decrease or increase the display brightness.

To adjust for optimal viewing in low-light conditions, switch the **Night Theme** to ON.

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**Identify GPS Status**

Tap the **GPS Status** button to view the current ground speed, GPS altitude, last position received, and accuracy status.

**NOTE**  
The **GPS Status** button appears on the FliteDeck Pro toolbar when **Enable Moving Map** or either one of the two **Display Ownship** settings in JeppFD-Pro global settings is set to ON.
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 is:

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

**Lock the Display**

To lock and unlock the FliteDeck Pro display, tap the **Display Lock** button on the toolbar.

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

When the display is locked, the **Display Lock** button is highlighted and you cannot access any other FliteDeck Pro button.

**Data Updates**

Jeppesen FliteDeck Pro provides a simple and quick way to verify the status of your enroute, terminal charts, and manuals data; and if required, perform updates.

**Perform an Update**

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

- The badge is amber when data is current, and an update is available.
- The badge is red when data is not current.
To perform updates:

1. Tap the **Settings** button.
2. Tap **Updates**.
3. Tap the **Update** button.

- At any time during an update, you can pause the download by tapping the **Pause** button at the top of the update status line. If more than one update is available, Jeppesen FliteDeck Pro automatically begins to download the next available update.

- To resume downloading after pausing an update, tap the **Resume** button at the top of the update status line.

- To cancel all updates and exit Updates, tap the **X** at the top of the Updates screen. To resume updates after having canceled, tap the **Settings** button, tap **Updates**, and then tap the **Resume** button.

**NOTE**  Download times depend on the quality of your connection to the Internet and the size of the required update.

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### About Data Currency

At any time, you can tap the **Settings** button from the FliteDeck toolbar, and then tap **Updates** to view the status of your Enroute, Terminal Charts, and Manuals data. Data is identified as **Current** or **Not Current**.

Jeppesen FliteDeck Pro displays a bar chart for each of the three data update cycles. Each bar chart displays a reference line for the current date, and current and not current dates for the data.
**Update Bar Chart Color Codes**

The updates bar chart color codes are:

- Green, which indicates the current data is in use.
- Amber, which indicates that current data is in use and that an update is available.
- Red, which indicates that data is not current.

When two data sets are available, the bar chart color codes are:

- Light green, which indicates that current is in use.
- Dark green, which indicates that data is available but not in use.
- Light red, which indicates that data that is not current.
- Dark red, which indicates that the next updated has not been downloaded.

**NOTE**  Jeppesen FliteDeck Pro automatically switches to the future effective data when it takes effect.

**Switch Between Two Available Enroute Database Versions**

When two enroute databases are available, the effective date of the database in use appears in the amber tag on the map.

To manually change enroute database versions when more than one version is available:

1. Tap the **Settings** button.
2. Tap the **Updates** button.
3. Tap the **Switch Back to Data Expiring [date]** to view that database.
4. To return to the current database, tap **Switch to Data Effective [date]**.

**Switch Between Two Available Terminal Chart Versions**

When a terminal chart is revised mid-cycle, the revision date appears along with an amber tag next to the chart title on the chart list.

To change terminal chart versions when more than one version is available:

1. Tap the amber tag from the chart list to display the Revision popover.
2. Tap the chart title to view a different version of the chart.

**NOTE** When a chart does not have an effective date on it, it is considered effective (usable) upon receipt and FliteDeck Pro displays it as soon as you update.

If a chart has an effective date, FliteDeck Pro continues to show the current version until 24 hours before its effective date. Then FliteDeck Pro enables you to select either the original version or the newer version. At 24 hours after the effective date, the app shows only the new version of the chart.