

Mobile FliteDeck VFR

Release Notes

Version 2.2.0 (build 10102) for iOS 11



Mobile FliteDeck VFR Release Notes

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This document supports version 2.2.0 (build 10102) of Mobile FliteDeck VFR for iOS.

The minimum operating system requirement for this release is iOS 9.3.

At the time of this release, Mobile FliteDeck VFR 2.2.0 (build 10102) has been tested, and is compatible with iOS 11.0

For the most recent Mobile FliteDeck VFR 2.2.0 hardware and software requirements, see the Mobile FliteDeck VFR NING page at:

<http://jeppesen.ning.com/>

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Revision: 1.1

Table of Contents

Contents

Table of Contents.....	2
Introduction	3
Additional References	3
Technical Support	3
System Requirements.....	4
Hardware Supported	4
Update and Deployment Considerations	5
About Initial Download and Data Updates.....	5
What is Preserved When Updating the App.....	5
Managing Automatic App Updates.....	5
Preventing Automatic App Updates	5
Connectivity Considerations.....	6
On the Ground.....	6
In the Air	6
What's New.....	7
Mobile FliteDeck VFR 2.2.0	7
Flight Tracks.....	7
Cloud Backup.....	10
Additional Enhancements:.....	11
Issues Resolved.....	12
Known Limitations.....	12

Introduction

Thank you for using Mobile FliteDeck VFR. Jeppesen iOS applications are continually modified to be fully compatible with the latest Apple operating system and iOS devices.

Mobile FliteDeck VFR is a mobile electronic flight bag (EFB) solution designed for commercial and business aviation flight crews.

This document describes system requirements, updates, resolved issues, and known limitations for Mobile FliteDeck VFR, version 2.2.0 (build 10102) for iOS. This document is designed for pilots and support specialists who currently use or support Mobile FliteDeck VFR.

Additional References

In addition to these Release Notes, Jeppesen provides detailed, task-oriented training and documentation for Mobile FliteDeck VFR users on the web at <http://jeppesen.ning.com/>

Help is also available from within the app from the **Help Screens** available for selected screens.

Technical Support

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

- North America Toll Free: 800-537-7225
- United States Direct: 303-328-6175
- **International:** 49-6102-507004
- **Email:** navsupport@jeppesen.com

System Requirements

The minimum operating system for Mobile FliteDeck VFR 2.2.0 is iOS 9.3. At the time of release, Mobile FliteDeck VFR 2.2.0 has been tested, and is compatible with iOS 10.3.

Additionally, MobileFliteDeck VFR 2.2.0 has been tested with iOS11. Please refer to known limitations.

Hardware Supported

The list of supported devices for Mobile FliteDeck VFR 2.2.0 at the time of this release is the same as that which supports Mobile FliteDeck VFR 2.1.5, and later. Note, however, that iOS 10 and iOS11 does not support iPad 2, iPad 3, or iPad Mini 1.

Although Mobile FliteDeck VFR is supported on all iPads except first generation iPads, older devices that run on 32-bit technology, such as iPad 2 or iPad Mini, might experience slower than expected performance. The iPad Air and iPad Mini 2, and later, are recommended devices.

Jeppesen has tested or reviewed Mobile FliteDeck VFR 2.2.0 for compatibility with the operating systems and devices described below.

Mobile FliteDeck VFR 2.2.0 Compatibility

iPad Model	Operating System
iPad Pro (9.7-inch model)	9.3.x, 10.x, 11
iPad Pro (10.5-inch model)	10.x, 11
iPad Pro (12.9-inch model)	9.3.x, 10.x, 11
iPad Air	9.3.x, 10.x, 11
iPad Air 2	9.3.x, 10.x, 11
4th generation (iPad 4)	9.3.x, 10.x, 11
3rd generation (iPad 3)	9.3.x
2nd generation (iPad 2)	9.3.x
iPad Mini4	9.3.x, 10.x, 11
iPad Mini 3	9.3.x, 10.x, 11
iPad Mini 2	9.3.x, 10.x, 11
iPad Mini	9.3.x

Update and Deployment Considerations

Mobile FliteDeck VFR is released through available Apple distribution models. Only one version of the app can be downloaded to the iPad at a time.

It is recommended that you force close the Mobile FliteDeck VFR app before updating to a new version.

The Mobile FliteDeck VFR app and data, including subsequent data updates, requires 2 to 6 GB of available storage capacity on the iPad. The variability in the storage capacity requirement is related to the size of the coverage area.

About Initial Download and Data Updates

Before using Mobile FliteDeck VFR the first time or when you change your coverage, an INITIAL DOWNLOAD OF DATA MUST BE DONE. Otherwise Mobile FliteDeck VFR will not function normally, might not display the coverage and /or will give an error message about being outside the coverage.

After you download Mobile FliteDeck VFR 2.2.0, you might need to go to Profile settings and verify that Jeppesen Sanderson, Inc. is a trusted developer on your iPad.

What is Preserved When Updating the App

When Mobile FliteDeck VFR is updated from one version to another, the app preserves the following information:

- Customized Mobile FliteDeck VFR global settings under user control, including registration and account information
- Saved flights
- Flight Logs
- Coverages

Managing Automatic App Updates

Apple iOS 7, and later, offers automatic background app updates. When a device is fully charged and connected to the Internet, it downloads and installs free app updates without requiring any interaction from the user. This feature might not always be desirable.

Preventing Automatic App Updates

To disable background app updates:

- Tap **Settings** from the iPad Home Screen.
- Tap iTunes & App Store.

Under Automatic Downloads, switch **Apps** to OFF.

NOTE: Preventing the automatic update of the app does not impact the availability of reoccurring data updates to Mobile FliteDeck VFR.

Connectivity Considerations

On the Ground

iPads have both Wi-Fi and Bluetooth wireless technologies built in. Wi-Fi enables an Internet connection, and Bluetooth enables a connection to nearby devices. If an iPad is enabled for cellular service, the iPad can connect anywhere that the cellular service is available.

Mobile FliteDeck VFR requires a reliable Wi-Fi or cellular Internet connection to download updates.

NOTE: Mobile FliteDeck VFR displays ownship based on the GPS receiver. In Track Up orientation, the ownship symbol and enroute map might shift when your aircraft is not moving.

In the Air

All models of iPads that are 3rd generation or newer have built-in Wi-Fi and Bluetooth connectivity. The internal iPad GPS receiver uses Wi-Fi signals and nearby cellular towers to triangulate position so that the iPad can quickly find its position.

While the iPad GPS receiver works well and provides good GPS accuracy, it might not be reliable in all flight decks while airborne. You can opt for an external GPS device to work with the iPad as a back-up.

What's New

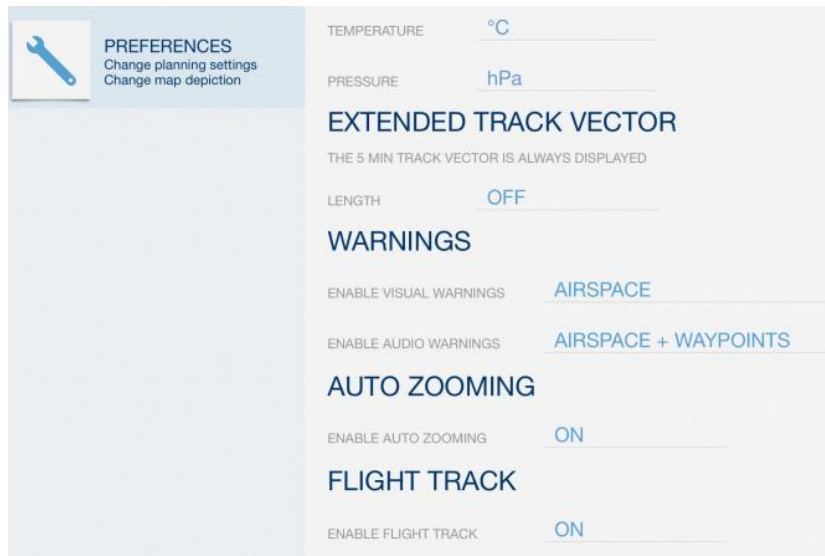
Mobile FliteDeck VFR 2.2.0

Flight Tracks

Mobile FliteDeck VFR version 2.2.0 allows to record and share flights. Tracks can be recorded either with the internal device GPS or with an external GPS sensor.

Flight Track recording uses an algorithm based on the flight phase to get the best result. This includes a speed based track interval and a position based track algorithm.

Per default, flight track recording is enabled in the SETTINGS under PREFERENCES. Once set to OFF no flights are recorded until the option has been set to ON again.





A new section (FLIGHT TRACK) in the SETTINGS allows the user to review, share and manage recorded flight tracks.

The following information is listed:


- Departure Airport
- Destination Airport
- Date of flight
- Flight time
- Aircraft
- Distance

Flights, flight time and distance are summarized per year and in total.

 **PILOT PROFILE**
Manage your personal data
Organize your pilot licenses






 **AIRCRAFT PROFILES**
Manage your aircraft
Create new profiles

 **FLIGHT LOG**
Manage your flight log




 **FLIGHT TRACK**
Manage your recorded flight tracks

 **PREFERENCES**
Change planning settings
Change map depiction

FLIGHT TRACK

DEPARTURE DESTINATION	DATE	FLIGHT TIME	AIRCRAFT	DISTANCE				
EDFE Bensheimer Stadtwiesen	17 May 2017	00:04	D-LOR	21.22 mi				
EDFE EDRF	18 May 2017	00:06	D-LOR	44.92 mi				
EDFE EDRY	18 May 2017	00:05	D-LOR	71.38 mi				
EDFE Reinheim	18 May 2017	00:02	D-LOR	10.95 mi				
EPGD EDDF	18 May 2017	01:22	D-LOR	532.71 mi				
2017					<table border="1"> <tr> <td>5</td> <td>01:39</td> <td>681.19 mi</td> </tr> </table>	5	01:39	681.19 mi
5	01:39	681.19 mi						
Total					<table border="1"> <tr> <td>5</td> <td>01:39</td> <td>681.19 mi</td> </tr> </table>	5	01:39	681.19 mi
5	01:39	681.19 mi						

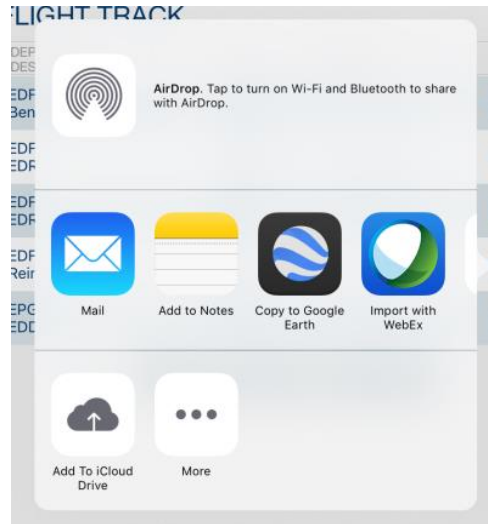
Flight Tracks can be easily deleted by using Apple gestures (swipe left).

EDFE EDRY	18 May 2017	D-LOR	00:05	71.38 mi				
	18 May 2017	D-LOR	00:02	10.95 mi	 Delete			
EPGD EDDF	18 May 2017	D-LOR	01:22	532.71 mi				
2017					<table border="1"> <tr> <td>5</td> <td>01:39</td> <td>681.19 mi</td> </tr> </table>	5	01:39	681.19 mi
5	01:39	681.19 mi						

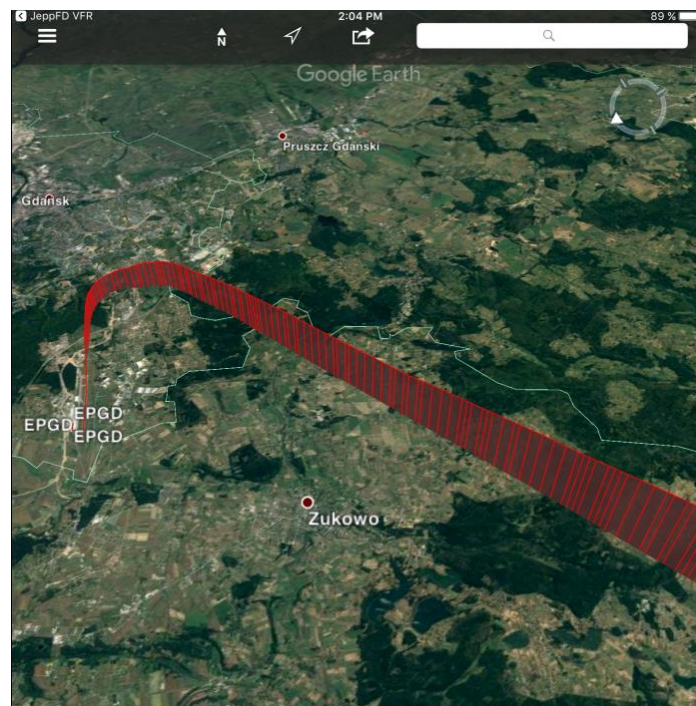
To share flights with others, recorded tracks can be shared with tapping on the "Share button". The exchange data format is .kml.

Depending on the available apps on the device, flight tracks can be send to

- AirDrop
- E-Mail App
- Notes
- Cloud storage
- And others



Tracks can be reviewed in Google Earth. This allows the user to see the track in a 3D environment.



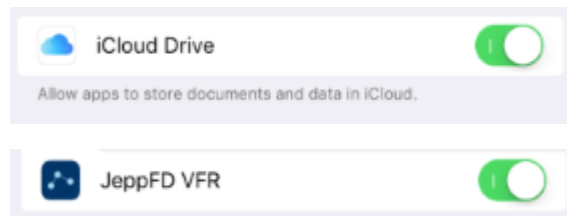
Cloud Backup

Cloud Backup allows the user to write a set of data from Mobile FliteDeck VFR into Apple's iCloud Drive and restore them whenever needed.

Purpose of this feature is to restore data in case of a new device or if the app needs to be installed again.

Additionally, two devices can be synchronized to have the same data available on all devices.

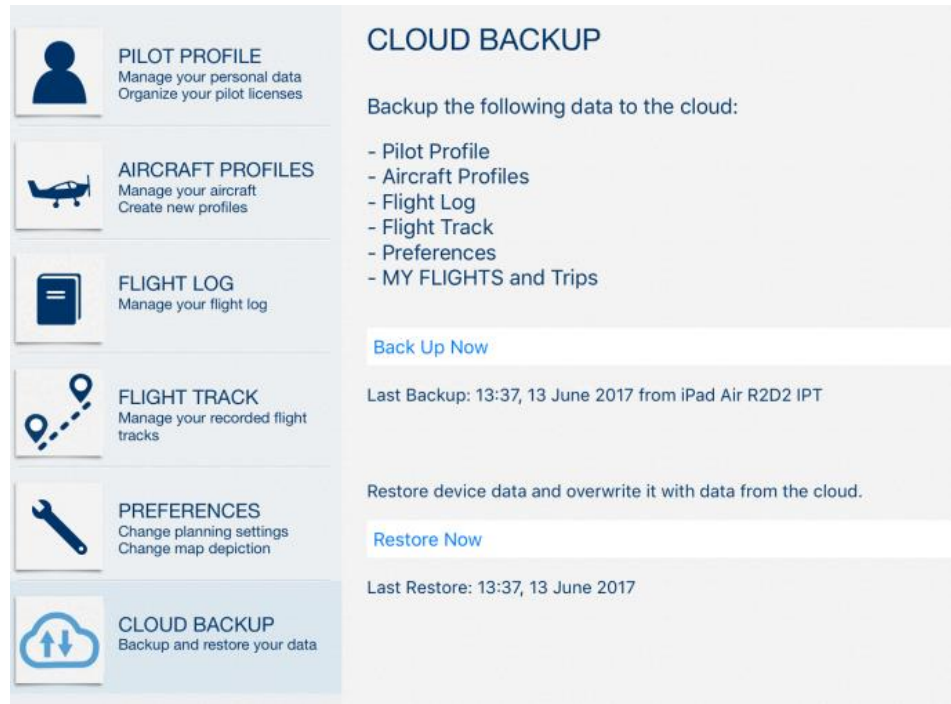
Mobile FliteDeck VFR cloud backups are enabled per default once Apple iCloud Drive has been set up and enabled by the user.



A new section in the SETTINGS allows the user to review the current status, start a backup or restore data from the cloud.

The following data records are stored in the cloud

- Pilot Profile
- Aircraft Profile
- Flight Logs
- Flight Tracks
- Preferences
- My Flights and Trips



Back Up Now:

Data records mentioned above are stored in the cloud and overwrite existing backup files. This action must be confirmed by the user as it cannot be undone.

The last backup date and the backup device is shown below the "Back Up Now" button.

Restore Now:

Pulls all available data records from the cloud and overwrite local device records. This action must be confirmed by the user as it cannot be undone.

The last restore date is shown below the "Restore Now" button.

Additional Enhancements:

- Improved display of selected map objects (Traffic Patterns, VFR Routes, VFR Corridors)
- Implemented minor software and design improvements

Issues Resolved

- Fixed an app crash related to the Login View (VFR-1014)
- “Clear Stuck Downloads” has been renamed in “Clear cached data” in the iOS App Settings (VFR-998)
- Copyright date has been updated (VFR-1020)
- Added Grid points for the Canary Islands (VFR 1077)
- Added missing information for VFR Transition Route Labels (VFR-932)
- Traffic Circuits, VFR Routes, VFR Holdings and VFR Corridors are symbolized more prominently in the map (VFR-922, VFR-923)
- Labels for Traffic Circuits and VFR Routes have been enhanced (VFR-922, VFR-923)
- Greece, Slovakia and Hungary are now available in the Trial Coverage (VFR-1013)

Known Limitations

With iOS11:

- Topographic Layer disappears when interacting with the following graphic elements/pop-ups (VFR-1289):
 - Date/Time picker in Planning widget
 - NOTAM overlay in Map Overlays widget
 - Wind Level picker in weather controllerMitigation: Manually zoom-in/zoom-out into the map
- The coverage listing “Belgium & Luxembourg” is not fully readable in portrait mode (VFR-1298)

With all iOS versions:

- “Delete Text” icon is not working for “Licenses and Ratings” if there is more than one license (VFR-1151)
- Under certain conditions the coverage status might show “up-to-date” even new data is available (VFR-1135 and VFR-955)
- Under certain conditions flight icons in “My Flights” show a malfunction while being in edit mode (VFR-1133)
- “Czech Rep.” need to renamed to “Czechia” in Downloads (VFR-1024)
- Under certain conditions remarks are cut and not readable in the Airspace Pop-Up (VFR-965)
- Under certain conditions information in significant weather pop-up does not match with map icons (VFR-963)
- And endless spinning wheel appears in coverage downloads while being in airplane mode and a coverage refresh has been triggered (VFR-960)
- Under certain conditions NavData, TextData and Weather Data might not be available (connected with FAA TFR data availability) (VFR-951)
- The VFR Weather Legend has a wrong wording (“severity” instead of “probability”) (VFR-921)
- Under certain conditions the search function might show two empty lines (VFR-873)

- Under certain conditions zooming is not available in some text chapters (VFR-865)
- Under certain conditions the GPS indicator shows “n/a” (VFR-837)
- Terms and Conditions show an empty space (VFR-788)
- Under certain conditions aircraft profiles show a malfunction while being in edit mode (VFR-778)
- Under certain conditions the “show more info” icon in the search results does not open the airport pop-up (VFR-1175)
- The subscription end date displayed in the application does not match with the ERP subscription end date (-24hrs) (VFR-1138)