

Aviator

User Guide

Release Version 1.3.1 for Windows



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Document ID: DA_IA_1.3.1_WIN_UserGuide
Document Revision: 1.0
Document Date: Sept 2017

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Introduction

Jeppesen Aviator manages interactions between cooperating Electronic Flight Bag applications, such as, FliteDeck Pro, Electronic Flight Folder (EFF), and Onboard Performance Tool (OPT).

Aviator consists of a dashboard, central data store (CDS), optional content viewer functionality, a charting backup solution, and pilot utilities. The Aviator framework also provides a customizable, SDK-driven architecture that allows third parties to integrate their own internal applications within the Aviator framework.

The Aviator dashboard displays flight-related data and provides access to any integrated applications.

Additional references

Jeppesen provides detailed, task-oriented training and documentation for this app on the [Aviator Customer Support Portal](#) page.

Help is also available from within the app. Tap the **Settings** button on the Aviator toolbar and then tap **Help and Support**.

See application-specific user guides and training for additional information about the functions provided by any integrated applications.

Technical support

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

North America Toll-Free: 800-537-7225

United States Direct: 303-328-4170

United Kingdom: 44-1293-842407

Australia: 61-73105-9450

All Other International: 49-6102-507004

Email: navsupport@jeppesen.com

Online support: <https://support.jeppesen.com>

System requirements

Aviator requires a mobile device that meets minimum specifications.

Aviator for Windows requires a mobile device with Windows® 10 version 1607 (Anniversary Edition) or later.

For the most current hardware and software compatibility statement, go to the [Aviator Customer Support Portal](#) page.

Devices supported

You can use Aviator on any touch-enabled Windows tablet device that runs on Intel hardware, such as the Surface 3 Pro and Surface 4 Pro.

Jeppesen has tested or reviewed Aviator 1.3 for compatibility with the following operating systems and devices.

Table 1: Aviator compatibility

Device	Operation system
Panasonic ToughPad	Windows 10 version 1607
Surface 3	(Anniversary Update) or later
Surface 3 Pro	
Surface 4	
Surface 4 Pro	

Deployment considerations

Aviator is released through your system administrator.

Only one version of the app can be downloaded to your device at a time.

The Aviator app requires 1 GB of available storage capacity.

Connectivity considerations

Aviator requires a reliable Wi-Fi or cellular Internet connection to perform many of its capabilities. For example, an Internet connection is required to load new routes and download and update weather.

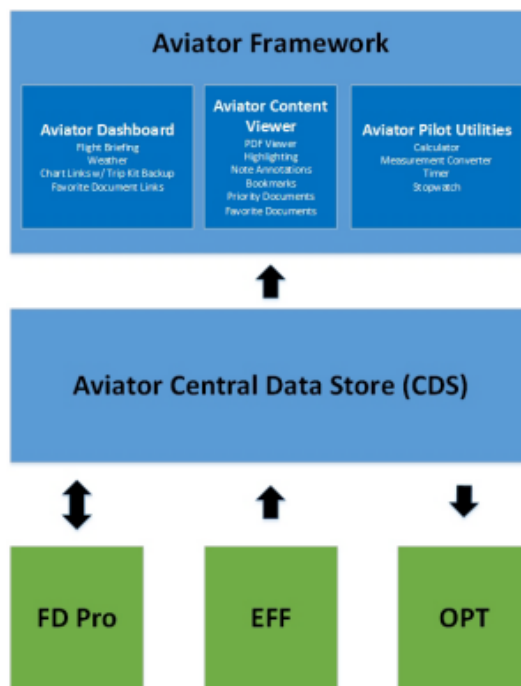
Getting started with Aviator

Aviator provides a core framework for integrating new and existing portable EFB applications.

Aviator creates seamless access to a suite of tools for pilot efficiency, enabling quick EFB application access, data sharing, a consistent user experience and streamlined workflow for the duration of the flight.

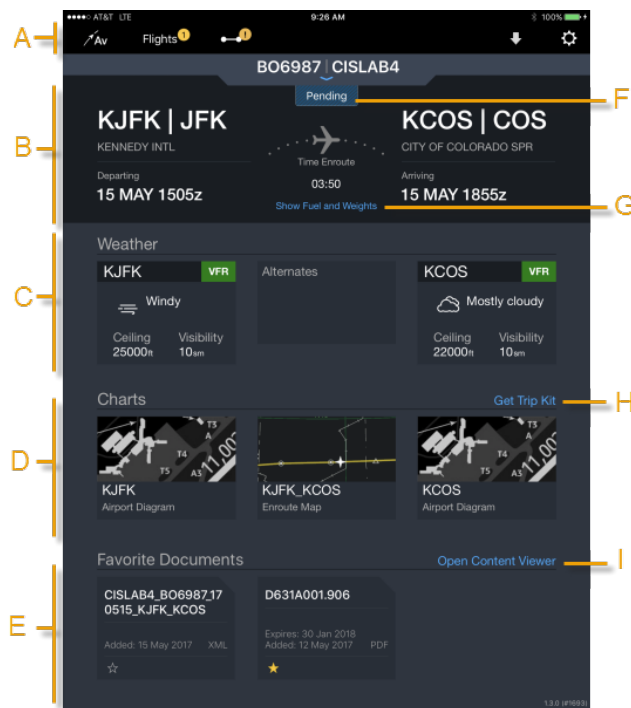
About shared data

The Aviator Central Data Store (CDS) is the central repository for data shared between the installed EFB applications. Each EFB application communicates with the CDS through a plug-in that sends and receives information to share with the dashboard and the other applications.



Dashboard overview

You can quickly obtain information about your flight from the Aviator dashboard.



-
- A Toolbar. The toolbar includes buttons for switching between Aviator and other EFB apps, displaying flights, finding downloaded files, and adjusting Aviator settings.
-
- B Selected Flight panel. This panel displays the planned departure and arrival times and airports, estimated time enroute, fuel and weights, and current flight status for the selected flight.
-
- C Weather panel. This panel shows weather information for reference only. To download current METAR/TAF details, tap Weather tile for the airport. You can display METAR/TAF details in raw or decoded format.
- The date and time of the most recent weather update appears at the bottom of the details. Tap the **Refresh** button to update weather data.
-
- D Charts panel. You can access the airport diagram in FliteDeck Pro for the origin or destination airport, or view the enroute map.
-
- E Documents panel. You can access any documents that you previously viewed and bookmarked.
-

F	The flight status: • Pending: The flight plan has not been signed, available, or closed. • Active: The active flight plan is signed and appears at the top of the flight drawer. Only one flight plan can be active at a time. • Initialized: The flight plan is available for sharing with other applications. Only one, active flight plan can be designated initialized at a time. After a flight is initialized, the data can be shared with OPT. • Closed: When a new flight plan is shared from FliteDeck Pro, Aviator closes the existing pending or initialized flight plan, and shows the newly-received flight plan as pending. • Signed. The flight crew, or an appropriate designee, has signed the flight plan in Flight Folder.
G	Link to fuel and weights. Tap this link to display the A/C type, ETE, estimated aircraft weights, and fuel used enroute and fuel planned.
H	Link to Trip Kit. Tap this link to generate a Trip Kit.
I	Link to the content viewer. Tap this link to open documents in the content viewer.

The Aviator toolbar

The Aviator toolbar appears at the top of the display.



A	Global Navigation button. Tap this button to nagivate between Aviator and other apps.
B	Flights button. Tap this button to open the Flight Drawer.
C	Download Tray button. Tap this button to view download status.
D	Settings button. Tap this button to view or change the Aviator default settings.

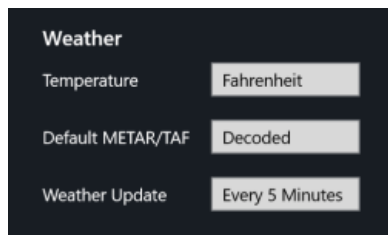
Adjusting Aviator settings

You can customize Aviator from the **Settings** button on the toolbar.

1. To open Aviator settings, tap the **Settings** button on the toolbar.
2. Scroll through the list and adjust the settings.

Adjusting weather settings

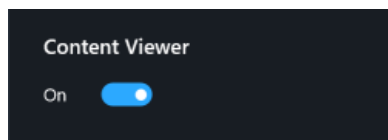
Weather information is provided as a reference on the Aviator dashboard. You can set your temperature scale, format, update preferences from Settings.



1. To change the default temperature scale, tap the **Temperature** box and select Fahrenheit or Celsius.
2. To change the default format for weather data, tap the **Default METAR/TAF** box and select Raw or Decoded.
3. To change the frequency at which you want to download weather updates, tap the **Weather Update** box and select the frequency (from one to 60 minutes).

Enabling the Content Viewer

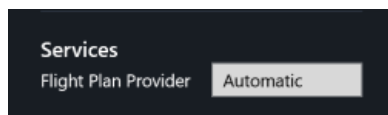
You can select whether you want to display the Favorite Documents panel on the Aviator dashboard. This panel includes the **Open Content View** link to view documents.



- To show the Favorite Documents panel, switch **Content Viewer** to ON.
- To remove the Favorite Documents panel from the dashboard, switch **Enable Content Viewer** to OFF.

Identifying the Flight Plan Provider

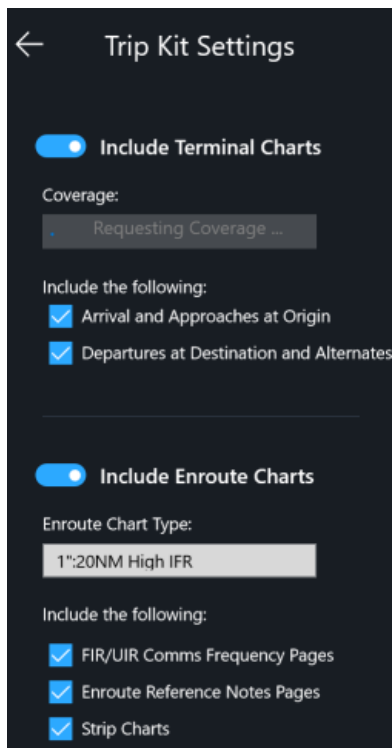
You have Aviator can automatically detect the flight plan service provider installed on your device, or identify a service if more than one is installed.



- To manual identify the service, tap the **Flight Plan Provider** box and select the flight plan service.

Customizing Trip Kit settings

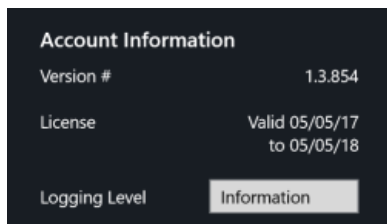
You can select the types of charts included when you initiate Trip Kit. The Trip Kit settings identify your coverage codes automatically for terminal charts, based on your subscription. You can select the type of enroute chart.



1. Tap **Change Settings** under Trip Kit.
2. To review your coverage area, tap the **Coverage** flyout.
3. To include terminal charts in Trip Kit, switch **Include Terminal Charts** to ON.
Then tap the check box next to **Arrival and Approaches at Origin** or **Departures at Destination and Alternates**, or both.
4. To include enroute charts in Trip Kit, switch **Include Enroute Charts** to ON.
Then tap the check box next to the type of charts you want to include. You have the option to include FIR/UIR communication frequency pages, enroute reference notes pages, and strip charts.

Reviewing Account Information settings

The Account Information section of Aviator settings shows information about the app installed on your device.

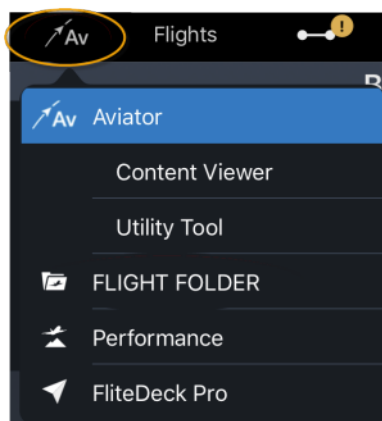


- The **Version #** shows the Aviator version and build numbers installed on your device.

- The **License** line shows the period during which your license of Aviator is effective.
- Tap the **Logging Level** box to change the level of fault messages you want to see in Aviator.
- Tap the **Terms & Conditions** link view the accepted terms and conditions for using Aviator.
- Tap the **Help and Support** link to display the in-app help or view the resources available for obtaining Aviator support.
- To share your Aviator data registration details with another app on your device, switch **Share Registration** to ON.
- To remove the Aviator license and activation details on your device, switch **Deactive License** to ON.

Navigating between Aviator and other EFB apps

An Aviator **Global Navigation** button appears at the top-right of the toolbar of your EFB apps when Aviator is installed on your device. This button makes it easy to navigate between Aviator and other EFB apps.



1. Tap the **Global Navigation** button on the toolbar.
A menu of the EFB apps on stalled on your device appears. The app that is highlighted in blue is the currently displayed app.
2. Tap the app you want to display.

Accessing shared information

From the Aviator dashboard, you can quickly access details shared with other EFB apps on your device.

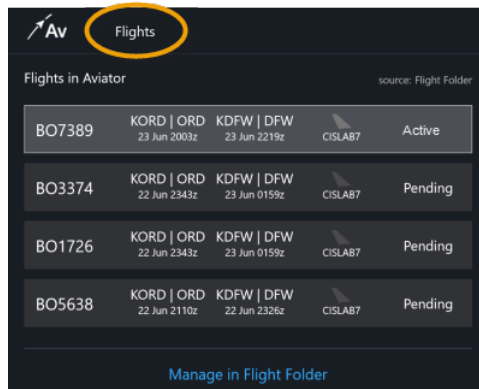
Accessing flight plans

The flight planning app on your device shares flights with Aviator.

Loading an active flight

First, load an active flight from the Flight Plan Provider.

1. To load an active flight, tap **Flights** on the Aviator toolbar.



Aviator displays a list of flights in the Flight Drawer. The source of the flights, that is, your flight planning app, appears in the top-right of the list. The status of the flight plan appears on the right.

2. Tap an active flight from the list.

The flight you selected is displayed in Aviator. The status appears under the flight identifier.

Initializing the flight

After you load an active flight, you can initialize it.

To initialize the flight, tap **Initialize** on the Aviator toolbar.



You might need to tap the chevron below the flight identifier on the toolbar to display the **Initialize** and **Close** buttons.

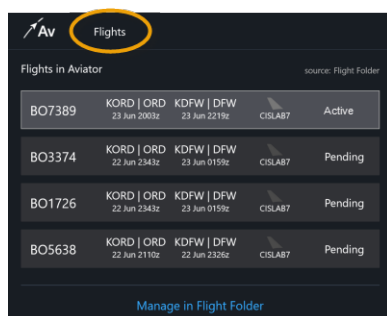
This action initializes the flight for other shared apps that require an initialized status before sharing flight information, such as the Boeing Onboard Performance Tool (OPT). The flight plan status appears under the flight identifier.

 **Note:** When you tap the **View Plan** button, you navigate to the app that supplied the currently displayed flight plan (for example, EFF).

Reviewing flight plan details

From the Aviator dashboard, you can obtain additional details about a selected flight plan, including weather, NOTAMs, flight plan details, and a summary of flight information. You can also sign the flight plan.

1. To navigate to **Flight Folder**, do one of the following actions:
 - Tap the **Flights** button on the Aviator toolbar to display the Flight Drawer, and then tap **Manage in Flight Folder**.
 - From the Aviator dashboard, tap the **Global Navigation** button and then tap **Flight Folder**.
2. Tap a flight from the list.
A list of topics related to the selected flight plan appears on the left.
3. Tap the option you want to view.



4. To return to the list of options, tap the vertical ellipses button on the left.
5. To sign the flight plan, tap the **Menu** button (the horizontal lines) on the toolbar and then tap **Sign Flight Plan**.
6. To return to the list of flight plans, tap **Home** on the toolbar.
7. To return to the Aviator dashboard, tap the **Global Navigation** button.

Viewing the Weather panel for the selected flight

The Weather panel on the Aviator dashboard displays weather information as a reference. The dashboard displays weather conditions for the origin and destination airports and for any alternates.

1. To view METAR/TAF information, tap the airport in the Weather panel.

KDEN Weather	
Raw	Decoded
METAR: 24 minutes old VFR	
Observed	13:53 PDT (2053Z) (15 May)
Wind	From 80° at 15 knots gusting to 25 knots
Visibility	10 statute miles
Clouds	Few clouds at 10000 feet, Scattered clouds at 15000 feet, Scattered clouds at 22000 feet
Temp/Dewpoint	81°F/36°F (RH 19.8%)
Pressure	29.72 inHg (1006 mb)
Sig Wx	
Last updated 15 May 2017 2117z ↻	

Aviator displays the Weather popover, showing the default format selected in the app settings. The time this information was most recently updated appears at the bottom of the popover.

2. To change the format, tap either **Raw** or **Decoded**.
3. To download the most current METAR/TAF information, tap the **Refresh** button at the bottom of the popover.

 **Note:** An internet connection is required to download weather updates.

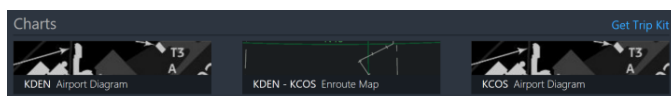
4. To close the information, tap outside of the Weather popover.

 **Note:** Weather data is provided by Jeppesen, which receives source data primarily from the National Weather Service and the UK Met Office, in combination with other private weather providers that Jeppesen uses to compile aviation-specific weather information.

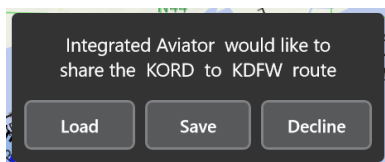
Viewing the flight with respect to the enroute map and airport diagram

The Charts panel on the Aviator dashboard allows you to quickly navigate to the airport diagram of the origin and destination airports through FlightDeck Pro. You can also navigate to the enroute map.

The Charts panel on the Aviator dashboard allows you to diagram of the origin and destination airports from FliteDeck Pro.



1. From the Charts panel on the Aviator dashboard, make one of these selections:
 - To view an airport diagram in FliteDeck Pro, tap the **Airport Diagram** tile for the origin or destination airport.
 - To view the enroute map, tap the **Enroute Map** tile.
2. In the dialog box that appears, make one of these selections:



- To display the enroute map in the EFB app (for example, in FliteDeck Pro), tap **Load**.
 - To save the flight plan to the list of saved flights in the EFB app, tap **Save**.
 - To cancel the request and return to Aviator, tap **Decline**.
3. Use the features of the EFB app to view other charts, notices, weather, and information about objects on the enroute map.
 4. To return to Aviator, tap the **Global Navigation** button on the toolbar and then tap **Aviator**.



Important: If you make changes to the route in the charting application after you load the chart into Aviator, those changes are not reflected in the Aviator dashboard or any of the other installed EFB applications.

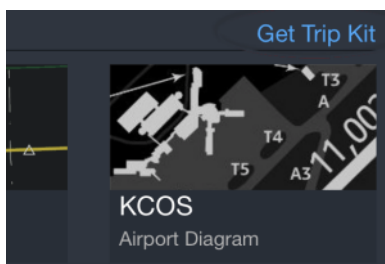
Using Trip Kit

Trip Kit is a web-based tool for creating a backup Trip Kit if FliteDeck Pro were to become unresponsive. Trip Kit allows you to create a PDF containing all relevant charting information needed to conduct your flight.



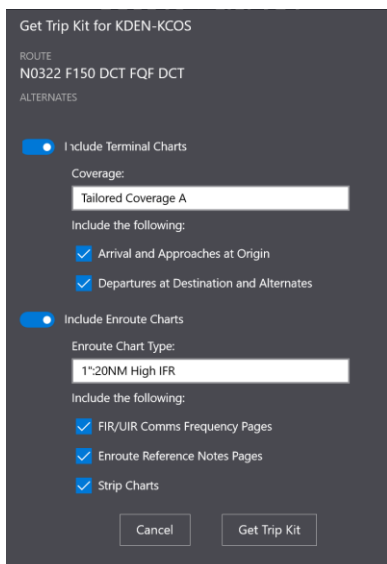
Note: Aviator generates a Trip Kit only when a flight plan is selected. A Trip Kit is generated for the flight that appears on the dashboard.

1. To generate a Trip Kit, tap the **Get Trip Kit** link in the Charts section of the Aviator dashboard.



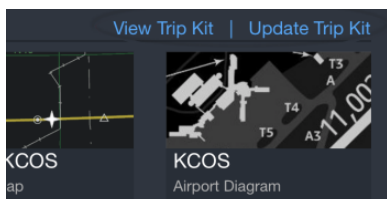
The Get Trip Kit popover appears. It shows the route in the current flight plan and any alternates. It enables you to select the charts you want to include in the Trip Kit. The default selections reflect what is selected in Aviator settings.

2. To change any of the default selections, tap a chart type to select or de-select it.



3. Tap **Get Trip Kit** in the popover.

The Trip Kit appears in the download tray, which you can view from the **Download** button on the toolbar. The **View Trip Kit** and **Update Trip Kit** links appear in the Charts panel.

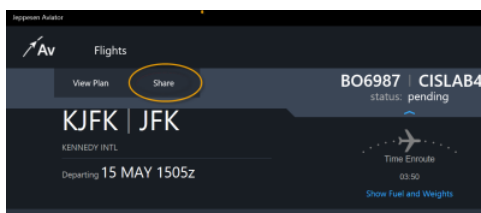


4. To display the Trip Kit, tap **View Trip Kit**.

Sharing a flight plan

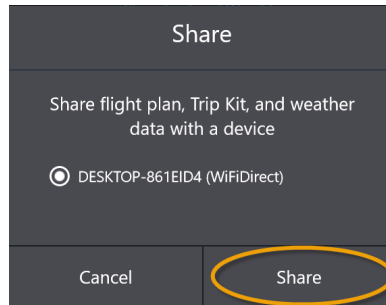
You can share the active flight plan with another device that is also set up with Aviator, for example, between a pilot and co-pilot.

1. To share the active flight plan on your device, tap the **Share** button on the Dashboard.



You might need to tap the chevron under the flight identifier on the toolbar to display the button.

2. Select the device that you want to share data with and then tap **Share**.



Aviator shares your active flight plan with the selected device.

3. To accept the shared flight plan on the receiving device, select **Load**.
Aviator displays the *Share Complete* message.
4. Tap **Done** on both devices to dismiss the message.

Closing an initialized flight

You can close an initialized flight from the Aviator dashboard.

1. Tap **Close** below the Aviator toolbar.
You might need to tap the caret above the flight status to show this button.
2. To confirm the action, tap **Continue**.
EFF opens and displays the active flight.
3. Tap the **Actions** menu button.
4. Tap **Close Active Folder**.
5. To confirm the action, tap **OK**.
EFF closes the flight and the next flight becomes active.
6. To return to Aviator, tap the **Global Navigation** button and select **Aviator**.
Aviator shows the flight that was active in EFF.

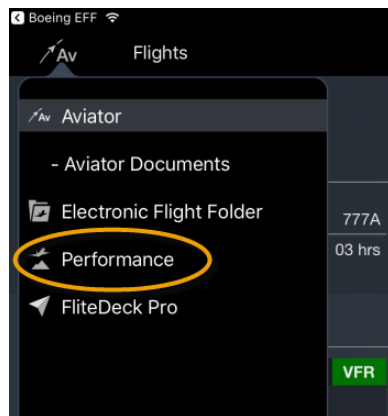
Initiating Performance calculations

Aviator can share specific flight plan data from initialized flights with an app that records flight performance data, such as the Boeing Onboard Performance Tool (OPT) app.

Copying flight data from Aviator to the Onboard Performance Tool

The OPT app enables you to calculate specific performance factors. To use this tool with Aviator, first copy the initialized flight to the OPT app.

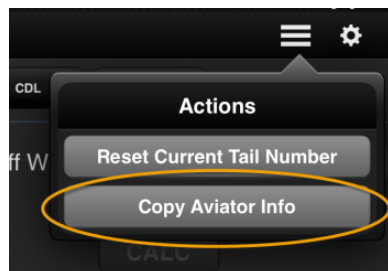
1. From Aviator, tap the **Global Navigation** button and then select **Performance**.

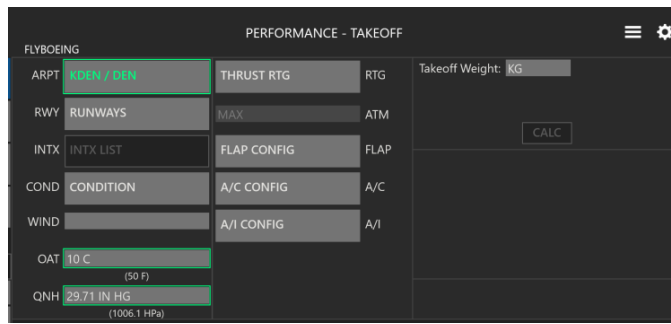


The OPT app opens.

2. Tap the **Action Menu** button on the OPT toolbar.
3. Tap **Copy Aviator Info**.

The data shared from the initialized flight plan populates the corresponding fields in OPT. The shared information is outlined in green.





4. To return to Aviator, tap the **Global Navigation** button and then tap **Aviator**.



Important: The operation of the apps integrated with Aviator is addressed in their specific user documentation. If you make changes in this performance tool, those changes are not reflected in the Aviator dashboard.

Reviewing your documents

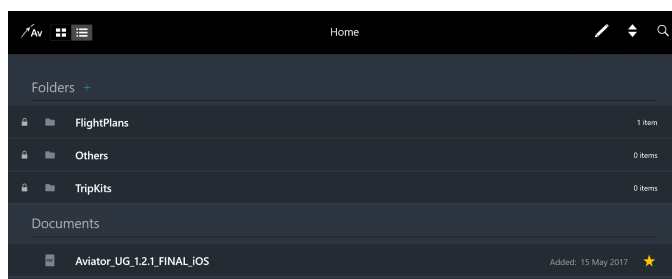
Documents related to the active flight, such as the backup flight plan and trip kits, are placed in the Documents panel for quick reference. You can view these and other documents with the Content Viewer.

Accessing documents

Use the Content Viewer to view, highlight, and make notes on PDF documents loaded into Aviator.

1. To view documents, do one of the following actions to open the Content Viewer:
 - If the document is pinned to the Documents panel on the Aviator dashboard, tap the document.
 - Tap the **Open Content Viewer** link on the Documents panel. This option is available if the Documents panel is enabled.
 - Tap the **Global Navigation** button and then tap **Content Viewer**.

The Content Viewer Home screen opens. It includes default folders for flight plans, other documents, and trip kits. It also includes a section for documents that you bookmarked.



2. Tap the folder where the document resides.

The documents available in the Content Viewer typically have effective and expiration dates, which define the date ranges during which the documents are available. A badge appears on a document title if the document is expired.

A badge also appears on documents that are airline priority documents.



3. Tap the document title.

The document appears in the viewer. A tab appears at the top of the Content Viewer for each open document.

4. To view the document contents, tap the **Index** button on the Content Viewer toolbar.

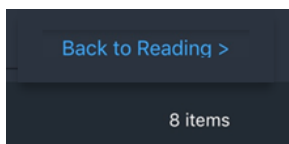


Aviator displays a list of topics.

5. Tap the section title in the index to jump to that page in the document.
6. To open another open document, tap on the document's tab under the toolbar.
7. To close an open document, tap the **Close** (X) button on the document tab at the top of the display.
8. To return to the Content Viewer home page, tap the **Home** button.



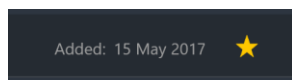
9. To display an open document from the Content Viewer home page, tap the **Back to Reading** button.



Pinning a document to the dashboard

When you enable the Favorite Documents panel on the Aviator dashboard, you can pin specific documents to this panel for easy access.

To pin a document to the Favorite Documents panel, tap the **Star** symbol next to the document title on the Content Viewer Home screen.



When this symbol is amber, the document is pinned to the Documents panel.

Tap the **Star** symbol again to remove the document from the panel.

Searching in the Content Viewer

Using the **Search** button on the toolbar you can search across all documents in the Content Viewer.

1. Open the Content Viewer.
2. Tap the **Search** button on the toolbar.



3. Enter the search term in the search field at the top of the display and then tap the **Search** button on the keyboard.
The Content Viewer lists all documents that include the term you entered
4. Tap the document that you want to view.
The Content Viewer opens the document. The words that match the search term are highlighted.

Bookmarking a document

With a document open in the Content Viewer, you can use the bookmarking tool to quickly access document pages.

1. Open a document in the Content Viewer and navigate to the page you want to bookmark.
2. Tap the **Bookmark** button on the toolbar.



The bookmarked page is shown in the document index under the Bookmarks tab.

3. To view a bookmarked page, open the document index and tap the page with a bookmark symbol.

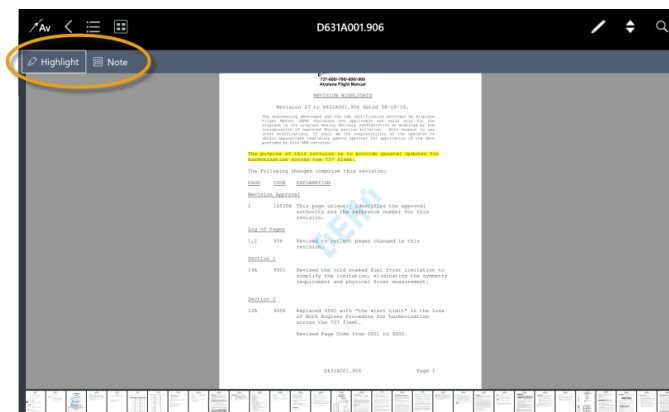
Editing documents

From the Content Viewer, you can highlight the text of a document and add notes.

1. Open the document in the Content Viewer.
2. Tap the **Edit** button on the toolbar.



3. To highlight the text of a document, follow these steps:
 - a) Tap the **Highlight** button that appears above the document.
 - b) Drag your finger across the text you want to highlight.
 - c) To delete a highlight, tap the highlight and then tap **Remove**.
 - d) Tap the **Highlight** button again to stop highlighting.

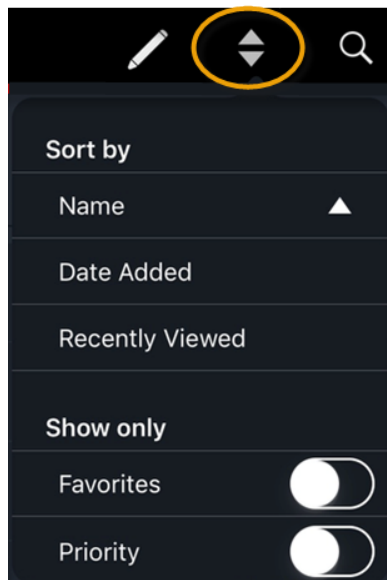


4. To add notes to a document, follow these steps:
 - a) Tap the **Note** button that appears above the document.
If you are highlighting text, you can also tap the **Add Note** button that appears above the highlighted text.
A **Notes** box appears on the document.
 - b) Enter the note text and then tap **Save**.
A note symbol appears where you have added notes. You can tap this symbol to view the note text.
5. Tap the **Edit** button on the toolbar to exit Edit mode.

Sorting and filtering documents

From the Content View Home screen, you can sort or filter the folders and documents that are listed. You can also change the way documents are presented, in either a list format or grid format.

1. To sort the list of documents, tap the **Sort** button on the Content Viewer toolbar.



2. Tap the method by which you want to sort the list. You can sort by:
 - Document name.
 - The date the document was added.
 - The most recently added.
3. To filter the list of documents, do one or both of the following actions:
 - To view only documents marked as favorites, switch **Favorites** to ON.
 - To view only airline priority documents, switch **Priority** to ON.
4. To change the format of the Content Viewer Home screen, make one of the following selections:



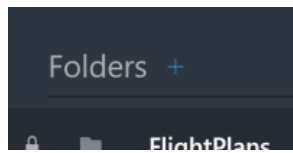
- To view documents in a list format, tap the **List** button.
- To view documents in a grid format, tap the **Grid** button.

Managing folders

Aviator provides options for viewing and managing document folders on the Content Viewer Home page. This page lists the document folders and the number of items within the folders.

Default folders appear on the Content Viewing Home screen with a lock symbol. These folders cannot be removed or changed. However, you can add and manage your own folders.

1. To create a folder, tap the plus sign next to **Folders**.



2. Tap a name in the dialog box, and then click **Create Folder**.
The new folder appears in the list of folders.
3. To change a folder, tap the **Edit** button on the Content Viewer toolbar, and then do one of the following actions:
 - To rename a folder, tap **Rename** and enter a new name.
 - To move a folder within the list, tap **Move**.
 - To delete a folder, select the folder and tap **Delete**.



Note: If you delete a folder that has subfolders or contains documents, all content is deleted.

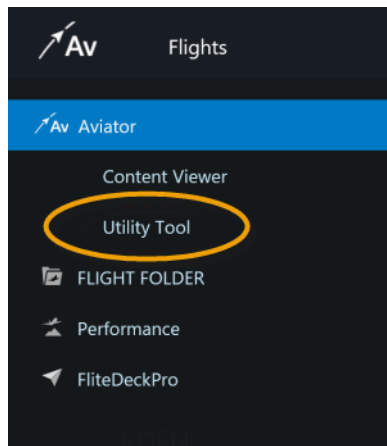
Using the Aviator Utility Tool

The Utility Tool provides quick access to a calculator, converter, timer, and a stopwatch.

Accessing the Utility Tool

The Utility Tool is available from the Global Navigation menu.

To access the Utility Tool, tap the **Global Navigation** button and then tap **Utility Tool**.

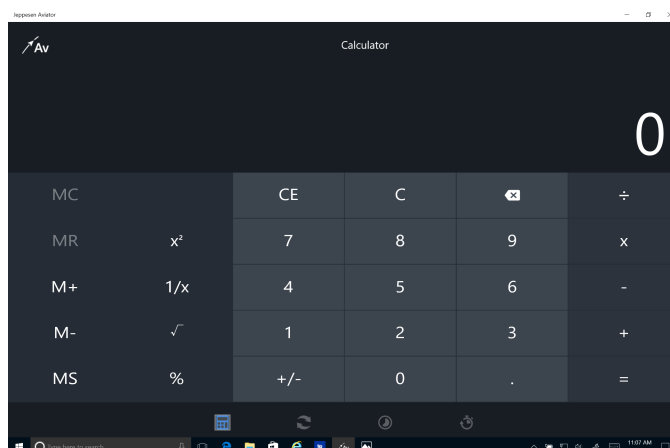


A menu to access the calculator, converter, timer, and the stopwatch appears at the bottom of the each tool page.

Using the Calculator

A calculator is provided from the Utility Tool.

Tap the calculator image from the Utility Tool.



MC Memory Clear – This function clears the value currently stored in memory.

MR Memory Recall – This function returns the value currently stored in memory.

M+ Add to Memory – This function adds the currently displayed value to the value currently stored in memory and then updates memory to the new value.

M- Subtract from Memory – This function subtracts the currently displayed value from the value stored in memory and then updates memory to the new value.

MS Memory Store – Stores the currently displayed value to memory. This overwrites any existing value currently stored in memory.

CE Clear Entry – This clears the current entry displayed on the calculator but leaves the stack intact.

2+2 CE results in 2+ and allows the user to enter the second value 2+2 CE 3 = results in a value of 5.

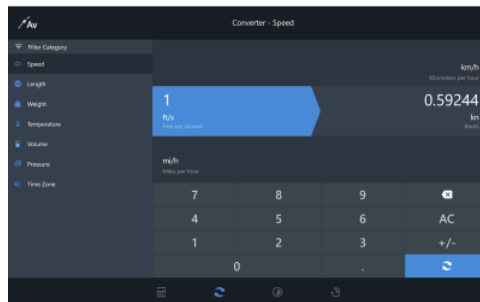
C Clear – This clears the entire calculator stack.

2+2 C results in 0 and the user has to start the calculation over. It does not clear the value in memory.

Using the Converter

The converter is designed to convert measurements from one unit of measure to another.

The converter supports common conversions in both US, Imperial, and Metric forms of measurement. You can convert the following units of measure: speed, length, weight, temperature, volume, pressure, and time zones.



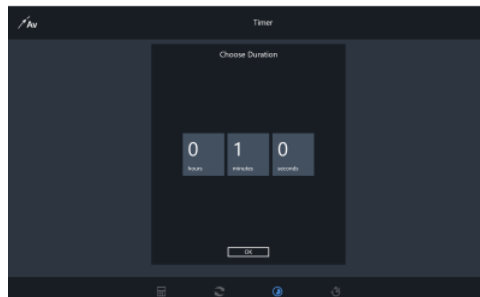
1. Select the type of measurement.
 2. Set the starting units of measure for the blue input box.
 3. Enter the measured value using the numeric input control.
 4. Set the units to be converted to the right of the blue input box.
- The calculation automatically updates.

Using the Timer

The Timer allows the user to be notified after a set duration of time. When the timer is active, the timer can also be viewed and controlled on the toolbar of the Aviator Dashboard. The Timer notifies you when the timer is completed.

To use the timer, do the following steps.

1. To use the timer, tap the **Tap to set time** link.
2. Set the desired time and tap **OK**.



3. Tap the **Start** button to start the timer.
4. To pause the timer, tap the **Pause** button.
5. To resume the timer, tap the **Start** button again, or tap the **Cancel** button to stop the timer.
6. To reset the timer to the starting duration, tap the **Reset** button.

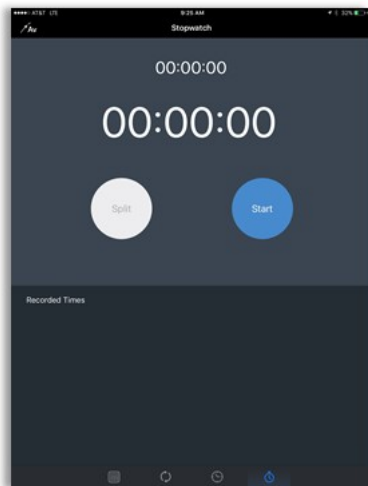
Using the Stopwatch

The stopwatch allows the user to time the duration of specific events. When the stopwatch is active, the stopwatch can also be viewed and controlled on the toolbar of the Aviator Dashboard.

To use the stopwatch, do the following steps.

1. To start the stopwatch, tap **Start**.

The stopwatch begins to record the elapsed time.



2. To pause the stopwatch, tap **Pause**.
3. To resume the stopwatch, tap **Resume**.
4. To take a split time, tap the **Split** button.

Each time the Split button is pressed, the split-lap time is recorded and the lap stopwatch is reset to zero. The main stopwatch continues to record the total elapsed time.

5. To reset the stopwatch, the stopwatch must be in a paused state. Once paused, tap **Reset**.