

# Flight Guide IEFB User Guide 4.1




## My Account

Select the “My Account” menu Icon located in the Main Menu Bar on the bottom of the App. If you have already registered your account and password information, simply select “Account Settings” and type in your “Email Id” and “Password”. Be sure to type in your entire email address in the “Email Id” field. If you haven’t purchase a discounted Flight Guide iEFB annual data plan on the flightguide.com website, you can purchase one of the available monthly data plans in the “My Account” menu. This is found under “Subscription Plans”. You are now ready to explore Flight Guide iEFB!

## Downloads

Select the “Downloads” menu icon located in the Main Menu Bar on the bottom of the App. The “Download” menu page displays data in three categories, “Current Data Plan, Currently Installed & Pending Downloads”. Select “Refresh” located on the top left-hand side of the page before downloading data.

### Current Data Plan

- The “Current Data Plan” menu will display the data package you subscribe to. Downloadable data is divided into regions and chart types, i.e., Southwest, Sectional, Enroute High, etc.
- Choosing the “Select None/ All” button located next to each data selection will toggle on or off all states or charts within that region for downloading. The number of states or charts selected for download will display to the right of each region, i.e., 6 of 6, 3 of 3, etc.
- Selecting the menu arrow icon located on the right-hand side of each data region or by touching its corresponding blue bar, calls up a new page where you can now pick and choose a particular state(s) or chart(s) within a region for downloading. When a desired state(s) or chart(s) is selected by touching its corresponding blue bar, a “Check Mark” will display next to it. When finished, You can now select the “Current Data Plan” button located on the top left-hand side to return to the “Downloads” menu. The number, i.e., 4 of 6, 1 of 5, etc., displays the newly desired selection.
- Under “Current Data Plan”, a New icon  will display when there is a new data update available.

### Pending Downloads

- The “Pending Downloads” section will reflect the data chosen in the “Currently Installed” section. These files will be downloaded when you select the “Start Download” button. You can also download individual states or charts by selecting the “Download Arrow” Icon located on the right-hand side of each file name.
- You can cancel an individual download by selecting the “X” Icon located on the right-hand side of each file.
- Once an item has been downloaded it will be moved from the “Pending” menu to “Currently Installed”.


### Currently Installed

- The “Currently Installed” menu will display which data has been downloaded i.e., state, sectional, etc. All data is date stamped.
- All currently stored data will display in green.
- All expired stored data will display in red.
- To delete an installed file, simply swipe your finger from left to right along the blue bar belonging to the file you would like to delete. A red “Delete” button will now display across from that file, allowing you to delete it. You can also delete files by selecting “Edit” located on the “Currently Installed” menu bar, and then select the minus symbol that appears next to each file.

## Airports


Select the “Airports” menu Icon located in the “Menu Bar” on the bottom left hand side of the App.

### Airport Directory List

- Select the “Airport Directory List” icon  located in the top menu bar to call up a complete list of airports. Airports are organized by State, Airport Identifier or City. If you would like to exit the airport list page without selecting a particular airport and remain in the current airport, select the “Close” button located on the upper right-hand side of the page.

### Flight Guide Airport Information Page

After selecting an airport from the “Airport Directory List” you will be directed to that airport’s “Flight Guide Airport Information” page.

- Use the Apple Pinch, Drag & Zoom method to navigate around the “Flight Guide Airport Information” page.
- Double Tap on any section of the page to quickly zoom in or out.
- To call up a different airport you can select the “Airport Search” Icon  and type in an airport identifier, airport name or city to call up a new airport. A “K” is not needed when typing in an airport’s identifier.
- The “+” icon allows you to compile selected airport pages as favorites or “Bookmarks” to retrieve later in the iEFB’s “Bookmark” menu page. Simply touch the “+” icon to set a bookmark from any of the desired airport or chart pages. (See the “Bookmarks” section)

### Geo-referenced Flight Guide Airport Information Page *(iEFB “Plus” Plans Only)*

The “Flight Guide Airport Information” page includes a smaller geo-referenced airport diagram. This is where you can view both your position on the airfield and all pertinent “On Field” information clearly pointed out and listed.


- Use the Apple Pinch, Drag & Zoom method to zoom in on the airport diagram to see your position clearly.

### METAR, TAF & NOTAMS


With an internet connection, METAR, TAFs & NOTAMS can be downloaded and saved in the Flight Guide Airport Information Pages for viewing when in flight.

- The METAR, TAF & NOTAM menu bars are located in the left hand column of the Airport Information Page. Selecting the menu arrow on the menu bar for these items will display the information. METAR, TAF & NOTAM data is date and time stamped.

### Airport Content Menu


- From the “Flight Guide Airport Information” page, select the “Airport Contents List” icon  located in the top menu bar to activate a drop down list of additional airport and chart data associated with the current airport selection. This includes Flight Guide Airport Diagrams, Flight Guide Airspace Charts, IFR Low Enroute Charts, IFR High Enroute Charts, Sectional Charts, Terminal Area Charts (TAC’s), WACs, IAPs, DPs, SIDs, STARs, Airport Diagrams, Take-Off, Radar and Alternate Minimums. Select one of these menu items to display the desired page.

### Locking Out The Touch Screen


- To deactivate the touch screen so you wont accidentally change your currently displayed page, select the “Lock” icon  to lock out the iPad’s touch screen interface. Zoomed in pages can also be locked in order to keep them displaying in their zoomed state.

## Geo-referenced IAPs & Airport Diagrams *(iEFB “Plus” Plans Only)*

Seattle Avionics ChartData™ geo-referenced approach plates and/or Flight Guide’s nearly 5000 geo-referenced Airport Diagrams add situational awareness on IFR approaches, runways and taxiways.

- Select the “Airports” menu Icon located in the “Menu Bar” on the bottom left hand side of the App.
- From the “Flight Guide Airport Information” page, select the “Airport Contents List” icon  located in the top menu bar to activate a drop down list of additional airport and chart data associated with the current airport selection. Select “Airport Diagram”. With a GPS connection, this larger Flight Guide airport diagram will display your aircraft location while taxiing as well as during take-off and landing.
- From the “Flight Guide Airport Information” page, select the “Airport Contents List” icon. Select an IFR instrument approach. With a GPS connection, your selected IAP will display your aircraft location with a solid airplane icon when your location is within the geo-referenced area of the chart. The airplane icon will display semi-transparent when your location is outside the geo-referenced area of the chart.

## Quick Swipe IAPs

- From the “Flight Guide Airport Information” page, select the “Airport Contents List” icon  located in the top menu bar to activate a drop down list of additional airport and chart data associated with the current airport selection. Choose an Instrument Approach for the current airport. Using one finger, swipe from left to right or right to left to scroll through your list of IAP pages. If you would like to select a specific IAP use the “Airport Contents List” menu.

## Double Tap Airport Info Display

- Double Tap any of the IAP’s , Airspace Charts or Large Flight Guide Airport Diagrams in order to quickly call up the “Flight Guide Airport Information” page for your current airport. A convenient feature since after an IFR approach and landing, the next information you would need are the airport diagram, businesses on field locations & services, fuel prices, off field services, etc.


## On-The-Fly Daily Auto Update

- The “On-The-Fly” Daily Auto Update feature updates airport and fuel data automatically. An “update” indicator will appear on the upper left hand side of any “Flight Guide Airport Information” when connected to the internet. This includes updating airport text data and fuel prices for all airports currently installed. It will also automatically store the updated data on your iPad’s hard drive—all in around 20 seconds! This means that there is now no need to initiate a download to stay current with Flight Guide Airport & Fuel data! Note: Monthly downloads, via the “Downloads” page, are necessary to keep current with all Airport Diagrams, Airspace Graphics, Charts & IAP’s.

## Charts

Select the “Charts” menu Icon located in the Main Menu Bar on the bottom of the App.

### Chart Directory List

- Select the “Chart List” icon  to call up a complete list of navigational charts organized by type including IFR High & Low Enroute, WAC, Sectional or TAC. Select your desired chart type by using the “Chart Menu Bar” located on the top of the page. Make your chart selection by touching the desired chart in the list.
- Use the Apple Pinch, Drag & Zoom method to navigate around the page.
- You can Double Tap anywhere in the chart to quickly zoom in or out on the desired section.
- If you would like to exit the “Chart List” page without selecting a particular chart, simply select the “Close” button located on the upper right-hand side.

- All Flight Guide iEFB charts are “Live” and will allow you to instantly hyper link to an airport’s “Flight Guide Airport Information” page by simply touching that airport’s icon on the chart. This includes all Low Enroute, High Enroute, Sectional, Terminal, WACs, IFR Area and all Seamless charts.
- \* Airports that are Hyper Linked will display a green glow around them.

## Moving Map

The iEFB Moving Map feature will recognize the internal GPS of the iPad 3G model as well as other iPad compatible external GPS devices including Flight Guide’s FLY-Wi GPS! The Moving Map function is available on all Seamless Charts, \*IAP’s and \*Flight Guide’s nearly 5000 custom Airport Diagrams!

\*Available with iEFB “Plus” plans only.


## GPS Chart Tracking

In the “Charts” page, you can activate either the GPS North Up or Track Up feature by selecting the “Tracking” icon



located in the top menu bar when displaying a Seamless chart (only available on Seamless charts).

- With an active GPS connection, simply select the “Tracking” icon to change your chart view from North Up to

Track Up or vice versa. An airplane icon  will show your current location centered on the chart. The chart will then automatically scroll underneath your aircraft’s current location. You can also scroll or zoom the seamless charts while the Moving Map function is activated. Moving or zooming the chart will deactivate the GPS Tracking function and the airplane icon will now track across the chart. You can re-activate the GPS Tracking function by once again

selecting the “Tracking” icon  located in the top menu bar.

## Airport Diagram On Chart Display *(iEFB “Plus” Plans Only)*

The “Airport Chart Display” feature allows you to use the Apple Pinch, Drag & Zoom method to zoom in on an airport within a Seamless chart and display a Flight Guide geo-referenced airport diagram without ever leaving the chart. (iEFB “Plus” Plans Only)

- Simply call up a Seamless chart, locate a desired airport and zoom in until you see the geo-referenced Flight Guide Airport Diagram come into view. An excellent feature since Flight Guide Airport Diagrams clearly depict right-hand traffic pattern, taxiway identifiers, FBO locations, runway lengths, gradients and more. Your aircraft’s location will display geo-referenced, all without ever having to leave your chart!

\* This feature is optional. See “Edit Settings” to activate it.

## Airport IAP On Chart Overlay *(iEFB “Plus” Plans Only)*

The “IAP Overlay Chart Display” feature allows you to over-ly a semi-transparent IFR instrument approach, geo-referenced, on a Seamless Low or High Enroute, Sectional or WAC chart. (iEFB “Plus” Plans Only)

- From the “Flight Guide Airport Information” page, select the “Airport Contents List” icon located in the top menu bar to activate a drop down list of additional airport and chart data associated with the current airport selection.

Choose any Instrument Approach Plate for the current airport.

- Next, select the “Charts” page and call up a Seamless Chart to display the IAP over-ly in geo-referenced location.
- Select The “X” located on the upper right-hand side of the over-laying IAP to close the window.

(iEFB “Plus” Plans Only)

\* This feature is optional. See “Edit Settings” to activate it.

## Quick Look Up Airport Menu

The “Quick Look Up” feature allows you to touch an airport on a Seamless Chart and call up the “Airport Contents List” menu associated with your airport selection. This list would include both IFR and VFR options allowing you to instantly call up information such as the list of IFR Instrument Approaches or the Flight Guide Airport Information page.

- From the “Charts” page, call up a seamless chart of your choice.
- Depending on your preference, either a quick touch or a touch and hold on an airport’s icon will allow you to call up the “Airport Contents List” menu off the chart.

\* See “Edit Settings” to select a “quick touch” or “touch and hold” preference using the “**Require Long-Press to Open Flight Plan Menu**” option.

## Heads Up Display

The iEFB Heads Up Display (HUD) allows you to view GPS and Flight Plan data when viewing charts or airport pages. The HUD is fully customizable and can display up to 25 data selections such as FLY-Wi status, WAAS status, ZAON XRX status, speed, track, altitude, flight plan data and more. When connected to either the iPad’s internal GPS or when using any other 3rd party iPad compatible GPS device, not all HUD data options are available due to those device limitations. The Flight Guide FLY-Wi GPS will display all data options.

- HUD display options can be customized by simply touching one of the display boxes and selecting a data option from the pop up menu. The iPad’s portrait or vertical display will allow the user up to 5 separate HUD display boxes. The iPad’s landscape or horizontal display will allow the user up to 7 separate HUD display boxes. Any of the HUD display boxes can be set to “Hide”, allowing full page viewing of airport or chart pages.

## Brightness/Dim Tool

The “Brightness/Dim” tool  for night flying is located in the top menu bar and allows for quick and easy adjustments. It also allows you to dim the iPad display further than the normal iPad brightness setting.

- Simply select the Brightness/Dim tool icon and drag the slider from left to right to dim or brighten the display.

## Bookmarks

Select the “Bookmarks” menu Icon located in the Main Menu Bar on the bottom of the App.



### Bookmark Menu List

- Bookmarks that you have previously added will display here in the Bookmark list menu.
- To delete an individual Bookmark, simply swipe your finger from left to right along the far right hand side of the blue bar belonging to the bookmark you would like to delete. A red “Delete” button will now display across from that bookmark, allowing you to delete it.
- If you would like to delete All bookmarks, simply select the “Clear” button located on the upper right-hand side.
- The “Bookmarks” menu page also includes three additional menu items including “Recent Documents”, “Recent Airports”, and “Frequent Airports”.
- The “Recent Document” menu records and tracks recently viewed individual airport or chart pages.
- The “Recent Airports” menu records and tracks recently viewed airports pages and sorts them accordingly.
- The “Frequent Airports” menu records and tracks frequently viewed “Flight Guide Airport Information” pages.
- You can use the same method for deleting these list items as you would Bookmarks.

## Flight Planner

Flight Guide iEFB v4.0 offers a brand new Flight Planning option that allows you to quickly and easily create a Flight Plan on any of our high resolution Seamless Charts. Your Flight Plan's way points can be created by either typing in an airport identifier or by using the "One Touch" add, remove & insert way point feature. You can also quickly locate intersections, navaids and search for nearest airports to add to your Flight Plan without ever leaving your chart! Selecting the Flight Planner's main menu page will allow you to reorganize way points, auto reverse your Flight Plan for your return, customize your airplane profile, file your Flight Plan and more.


### Adding Airport Waypoints Using The Airport Information Page

- Select the "Airports" menu Icon located in the "Menu Bar" on the bottom left hand side of the App.
- Call up the desired airport by using the "Airport Search" Icon  and type in an airport identifier, airport name or city. A "K" is not needed when typing in an airport's identifier.
- From the "Flight Guide Airport Information" page, select the "Airport Contents List" icon  located in the top menu bar to activate the drop down list.
- Select the "Add To Flight Plan" menu option located on the top of the menu. Repeat to add additional airport waypoints.

### Adding Airport Waypoints Using The Chart Page

- Select the "Charts" menu Icon located in the Main Menu Bar on the bottom of the App.
  - From the "Charts" page, call up a seamless chart of your choice.
  - Depending on your preference, either a quick touch or a touch and hold on an airport's icon will allow you to call up the "Airport Contents List" menu off the chart.
  - When the menu pops up, select the "Add To Flight Plan" menu option.
- \* See "Edit Settings" to select a "quick touch" or "touch and hold" preference using the "**Require Long-Press to Open Flight Plan Menu**" option.

### Adding Nearest Waypoints Using The Chart Page

- Select the "Charts" menu Icon located in the Main Menu Bar on the bottom of the App.
  - From the "Charts" page, call up a seamless chart of your choice.
  - Touch any geographical location on the chart to pop up the "Nearest Airport, Navaid or Intersection" menu.
  - On the bottom of the pop up choose "Nearest Airport, Navaid or Intersection", or add a "User Waypoint" by selecting "Create Pt." located on the top right-hand side of the pop-up menu.
  - Make your waypoint selection in the new list that appears.
  - Select "Add To Flight Plan" to add this waypoint.
- Selecting the "Display Route"  icon allows you to view your entire route instantly when out of view.
- With the "**Use Smart-Add when adding to the flight plan**" option enabled in the "Edit Settings" menu, waypoints will automatically be inserted into the appropriate location in your flight plan (see "Edit Settings" menu) .

## Flight Plan Page

Once you have built your flight plan, selecting the Flight Planner's main menu page will allow to reorganize way points, auto reverse your Flight Plan for your return, save or load flight plans, customize your airplane profile and file your Flight Plan.

- Select the "Flight Plan" menu Icon located in the Main Menu Bar on the bottom of the App.
- Select the "Edit" button located on the top left-hand side of this page to reorder, reverse or clear the list of waypoints.

To manually re-order your way-points select “edit”, then touch and hold the icon on the far right-hand side of each waypoint. While holding, drag the selected waypoint to your desired location.

- Selecting the “Save” button allows you to name and save your flight plans. After selecting “Save”, simply touch the naming field to bring up the keyboard to name your plan.
- Selecting the “Load” button allows you to load a new flight plan from your saved list. Select the desired Flight Plan to load.
- Once your desired flight plan is loaded, selecting any of the waypoints will give you the option of opening it’s airport information, activating the selected waypoint leg or drawing a “Direct to Fix” flight plan to your current GPS location.
- Select any of the headings across the top of the Flight Plan page to change the information displayed for that column. The iPad’s portrait or vertical display will allow the user up to 3 flight plan heading columns. The iPad’s landscape or horizontal display will allow the user up to 4 flight plan heading columns.

## **Deleting Flight Plans**

- To delete a saved flight plan, select “Load” to bring up your list of saved flight plans. Then, simply swipe your finger from left to right along the blue bar belonging to the named flight plan you would like to delete. A red “Delete” button will now display on the right-hand side of the plan, allowing you to delete it. Touch “Delete” to delete the plan.

## **Creating Your Aircraft Profile**

The “Aircraft Settings” menu allows you to enter and save your aircraft information to show fuel and time calculations.

- Select the “Aircraft” button located on the top right-hand side of the “Flight Plan” page.
- Enter your aircraft information by touching each heading, bringing up the keyboard and typing in your aircraft’s pertinent data. The “Aircraft Settings” menu is scrollable.

## **Filing Your Flight Plan**

The “Aircraft Settings” menu allows you to file your flight plan with the FAA.

- Select the “Filing” button located on the top right-hand side of the “Flight Plan” page.
- Select the “Pilot Information” button located on the top right-hand side of this menu.
- Enter your pilot information by touching each heading in this menu, bringing up the keyboard and typing into each field.
- You will need to obtain a DUATS access code to allow filing of your flight plan. Go to: [www.duats.com](http://www.duats.com), to register for your free duats access code.
- After entering in your pilot information, select the “File New Flight Plan” button located on the top of the page.
- With your flight plan filing page open, you can correct any of the fields by selecting them, bringing bring up the keyboard and typing into the chosen field.
- After completing the flight plan filing page, you can select “Retrieve Plan Weather” and “File This Flight Plan” located on the bottom portion of the flight plan filing page.
- Calling up a previously filed flight plan or a weather briefing can be performed by selecting “Filed Flight Plan”, “Std. Briefing”, “Departure Area WX” or “Arrival Area WX” located on the “Filing” page.

## **Pre-Flight Weather Menu**

With an internet connection, access real-time weather briefings and graphics. Features include: winds, surface analysis, weather depiction, composite moisture stability chart, visible and infrared satellite charts, US Radar and the 12 to 72 hour forecasts and more.

- Select the “Weather” menu Icon located in the Main Menu Bar on the bottom of the App.
- Select a weather profile of your choice to view its data.
- The “Weather” menu is scrollable.

## Edit Settings Menu

This feature allows you to customize your Flight Guide iEFB user settings.

- Select the “My Account” menu Icon located in the Main Menu Bar on the bottom of the App.
- Select “Edit Settings” located on the bottom half of the “My Account” menu.

### General

- **Always Prevent iPad from sleeping while in Flight Guide iEFB**

Disables the iPad’s “Auto-Lock” and prevents the iPad from entering a sleep mode when in iEFB.

- **Use Smart-Add when adding to the flight plan.**

When adding waypoints, the flight planner will automatically place them to provide the shortest possible trip between two points.

### Charts

- **Default to Track -Up display in Moving Map Mode**

When enabled, the Moving map “Track Up” feature is active upon entering the Chart menu.

- **Show Geo-Referenced Airport Diagrams on Seamless Charts**

When enabled, increases zoom levels on a Seamless chart to display a Flight Guide geo-referenced airport diagram.

- **Show Geo-Referenced Approach Plate on Seamless Charts**

When enabled, overlays a semi-transparent approach plate on a Seamless chart.

- **Require Long-Press to Open Flight Plan Menu**

When enabled, the Flight Guide Airport Information page will open immediately on touch. Touch and hold for pop-up Flight Guide Airport Information menu.

### Airports

- **Automatically open airport information**

Jumps to Flight Guide Airport Information page when an Approach Plate is open and speed is below 20 kts.

### FLY-Wi

- **Enable Fly-Wi.**

If “OFF” iEFB will not try to connect to Fly-Wi GPS.

- **Enable Fly-Wi Sleep Timer.**

If “OFF” Fly-Wi will be configured to stay on until you press and hold the power button.

# Trouble Shooting

## Flight Guide iEFB v4.0 Install Procedure

The following procedure must be performed to ensure that the new v4.0 works properly!

- Delete the current iEFB App completely from your iPad by holding your finger on it until it shows the “X” and select the “X” to delete it.
- Download the iEFB v4 App from the App Store and Download fresh data using the iEFB v4 update.
- Log in to the “My Account” page with your email ID and Password to access your data plan.

## Closing Your iPad’s Multi-Tasking Applications To Free Memory

The iPad can have a tough time allocating memory if you have a lot of multi-tasking Apps open at once. Having a lot of Apps open at once can cause issues with any Aviation related App that uses large amounts of memory such as, downloading large data files and displaying high res charts.

1. Click the “Home” button twice, i.e. ,the round button on the face of the iPad. This will push the dock up and you will see all the background applications in a row along the bottom of the screen.
2. Next , hold your finger on one of the App icons for few seconds until you see them all wiggling and showing a red minus sign on them.
3. Tap the red minus sign on each of your open Apps to close all applications.
4. After closing your Apps, power the iPad down completely by holding down the “Sleep” button until you see the white arrow in the red box. Slide the button over to power down your iPad.

## Updating Your iPads OS

1. Make sure you are running the latest iPad OS. connect your iPad to iTunes on your computer with the USB cable. iTunes will automatically ask you if you would like to update your iPad’s OS.

## iPad Specifications

The Apple iPad is a multi-function revolutionary device that is small and light enough to take anywhere, measuring 9.56” H x 7.47” W x .5” D and weighing only 1.5 – 1.6 lbs. It is the perfect size for displaying Flight Guide airport and FAA chart data in the cockpit during flight. The high resolution 9.7 inch LED-backlit display (1024 x 768 pixels at 132ppi) is remarkable crisp and vivid and makes for excellent reading during day or night flights. Flight Guide iEFB was built to take advantage of the large Multi-Touch screen and works in any orientation, portrait or landscape and responds with incredible accuracy. iPad capacity is 16GB to 64GB and there is a built-in 25-watt hour rechargeable lithium polymer battery with 10 hours of battery life. WiFi and Bluetooth capability comes standard with each iPad. Some models have the 3G networks with assisted GPS, which enhances the functionality of Flight Guide iEFB apps.

\*Flight Guide iEFB Apps utilize approx. 4-5 GB of iPad memory.

iPad OS v4.2 or above is required for Flight Guide iEFB v4.0

Flight Guide iEFB v2.3 or above is required for use with the Flight Guide FLY-Wi GPS.

\*Geo-Referenced Instrument Approaches supplied by Seattle Avionics ChartData™. Flight Guide’s nearly 5,000 Airport Diagrams geo-referenced by Seattle Avionics.