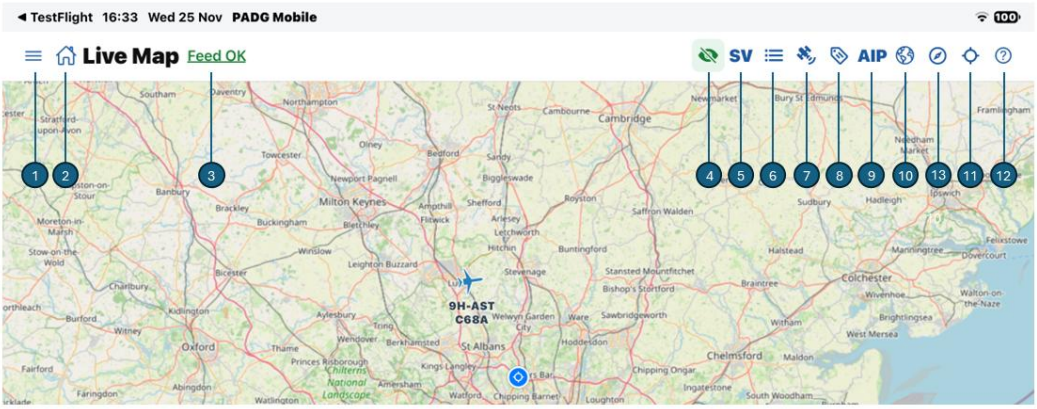
Live Map



Shortcut Icon Descriptions

Icon 1 – Live Map Menu

Icon 2 – Base PADGMobile functionality – Registration / Operator / Location Search

Icon 4 – Hide plots for aircraft not Required (RQ), PaintScrapes (Ps), UNK or .NO-REG

Icon 5 – Sky View – using the device camera, point at an aircraft to identify it, then tap on the registration to show it on the map

Icon 6 – Flight List – list all flights currently within the map area – note that this also obeys the setting for Icon 4

Icon 7 – Switch to a satellite map

Icon 8 – Show the full label for all aircraft – note that if the plot area is too large the labels will not be shown until you zoom in further

Icon 9 – Switch the AIP display on or off as per the settings in the Chart Options (see below)

Icon 10 – World Locations – quickly switch to a world location as specified – the location is automatically saved for future use

Icon 11 – Current Location – move the map centre to your current location

Icon 12 – Help documentation

Icon 13 – Align Map – orientate the map display with the top of your device. For example, if you are facing South and press this icon, the map will rotate so that South is at the top of the screen. To reset, either long press icon 13 or tap the compass rose on the map.

Getting Started

To use Live Map, you must first register your device. If your device is not registered, a message will appear at the top of the screen at position 3 indicating that you need to do so.

To register, open the 'hamburger' menu option (icon 1) on the Live Map page and select 'Request Licence'. This will create an email with the relevant data fields from your device pre-filled which you should then send (the destination address is also pre-filled as admin@gfiapac.org).

Once you receive your details back, open the hamburger menu (icon 1) and this time select the PlanePlotter Credentials option to enter the details. The details will be validated and if successful they will be saved.

The message at position 3 should then change to 'Feed OK'. This should be in green but if the message is in red it means that some records have been dropped because they are incomplete and we cannot reliably plot a new position for that aircraft. You do not need to do anything – the app will get another feed of data after 30 seconds.

To centre the map on your location, tap on icon 11. This will redraw the map, obtain new feed data and plot aircraft on the screen.

By default, the app uses Open Street Maps as the map provider – alternatively MapQuest can be used.

Using Live Map

There are many options which can be selected for the display of aircraft on the map, which can be found in the Chart Options page, selected from the Live Map Menu (icon 1).

From an operational perspective, the most important difference with the existing PPMoblie app from PlanePlotter, is the ability to directly log aircraft from the map.

Each plotted aircraft has a compact label, which can be set using Chart Options / Select Plot Label Fields. There can be 1 or 2 lines in a compact label.

Tapping once on an aircraft symbol on the map opens the full plot label, which shows all the fields selected for display. These are also set in the Chart Options / Select Plot Label Fields section.

Tapping a second time on the aircraft symbol will take you to the Log Aircraft page, which is the same page as used in the standard PADGMobile section. From here you can save the log record and upload it in the normal fashion.

I don't intend to details every option here – my suggestion is to try things and see what happens!!

The Live Map Menu

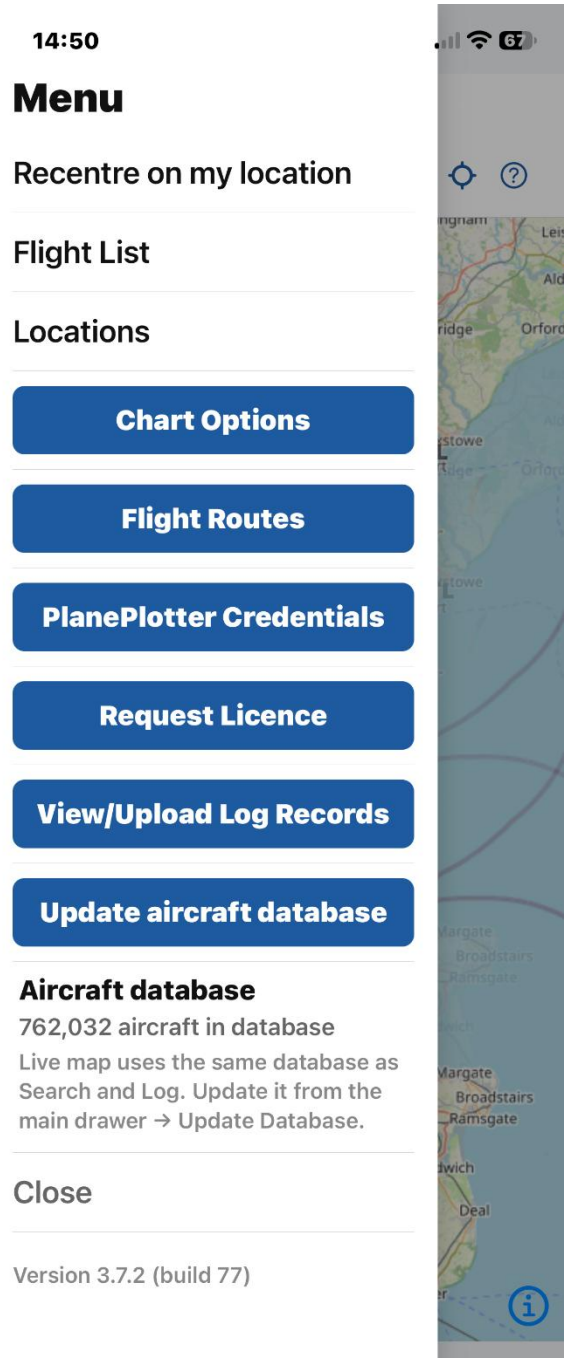
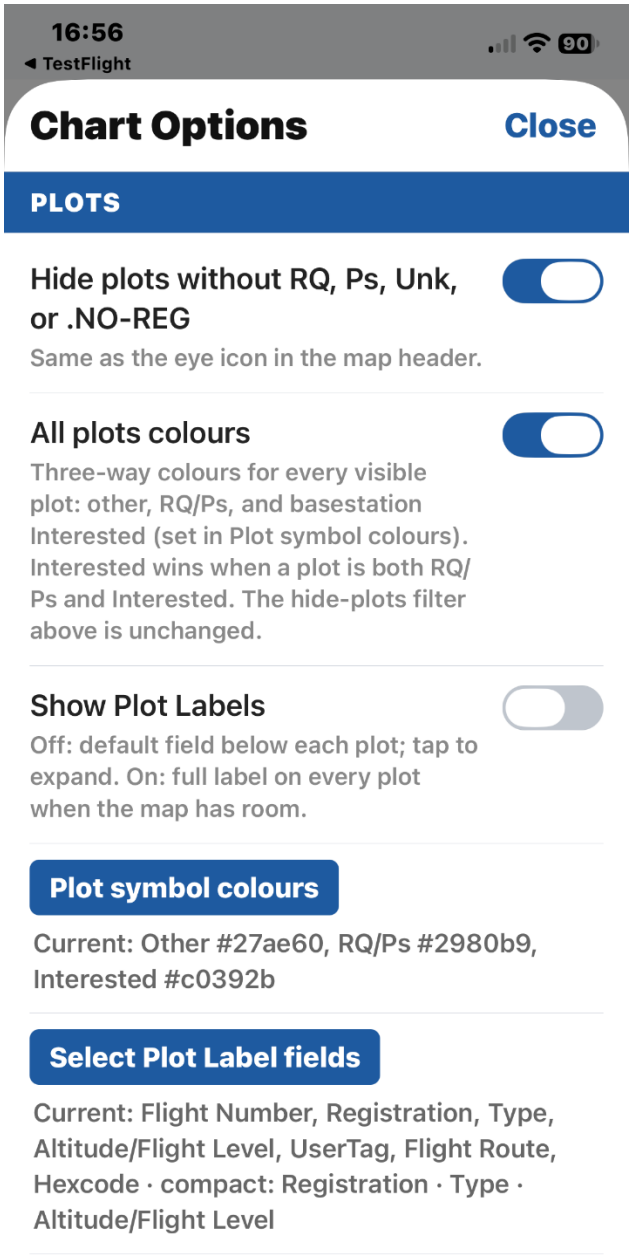
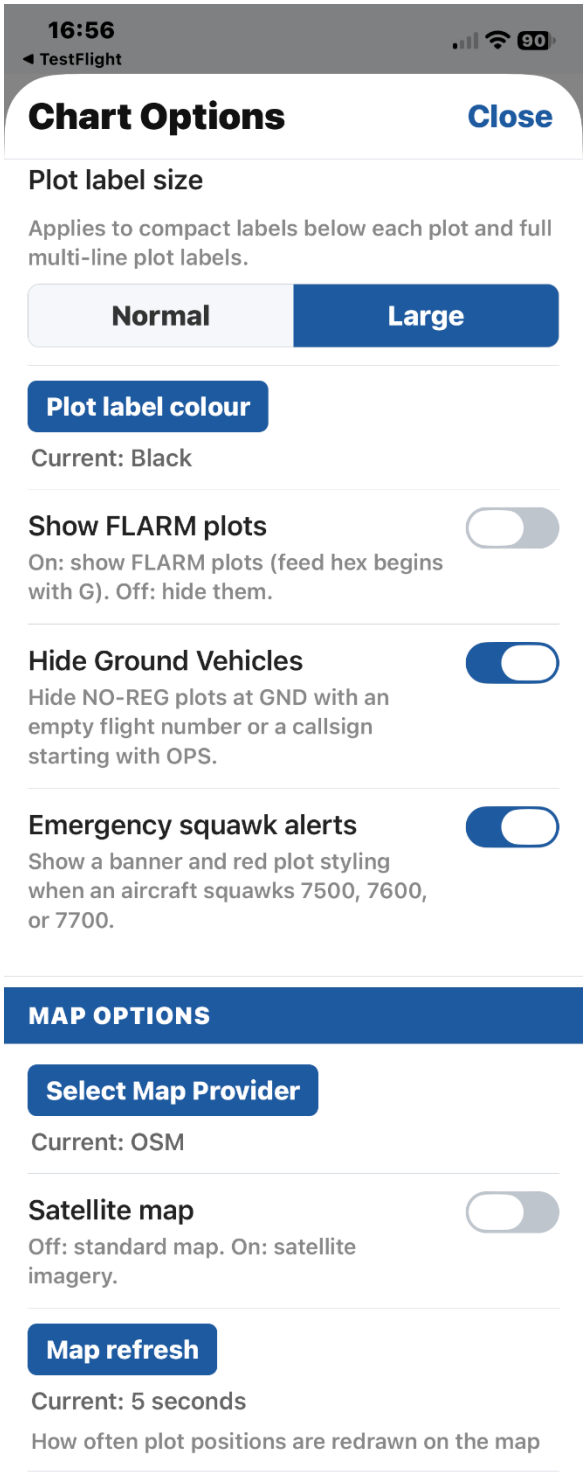
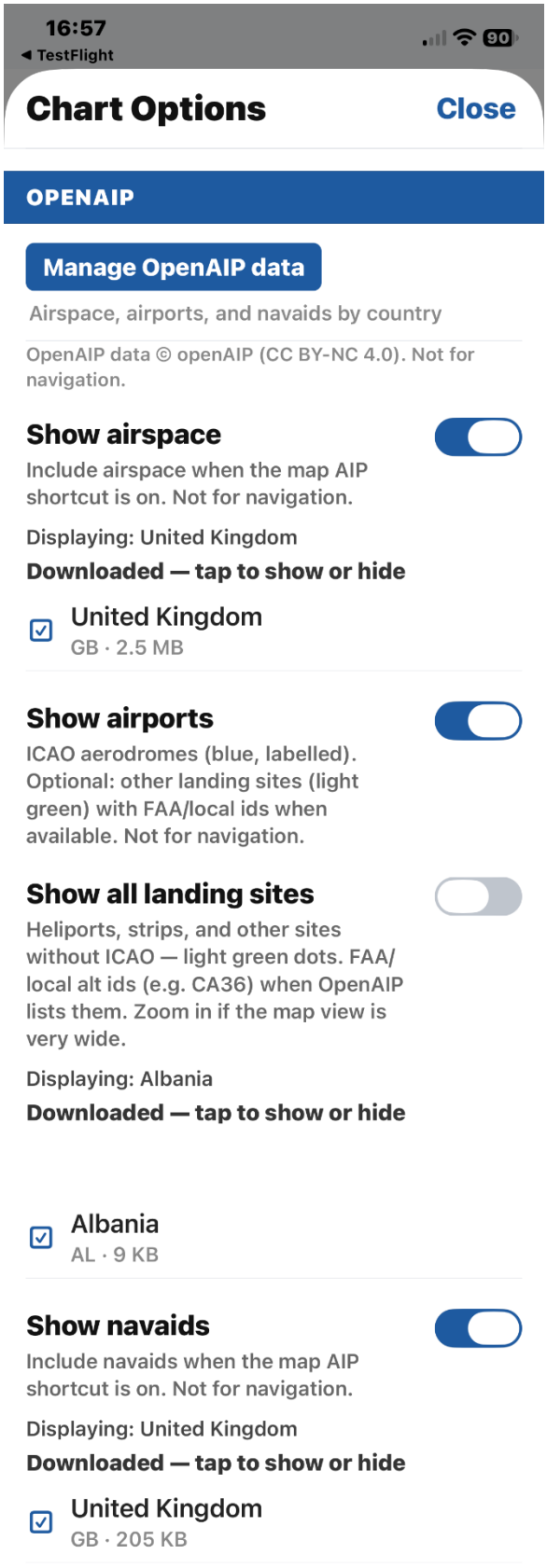


Chart Options




16:56
TestFlight
90
Chart Options
Close
Plot label size
Applies to compact labels below each plot and full multi-line plot labels.
Normal
Large
Plot label colour
Current: Black
Show FLARM plots
On: show FLARM plots (feed hex begins with G). Off: hide them.
Hide Ground Vehicles
Hide NO-REG plots at GND with an empty flight number or a callsign starting with OPS.
Emergency squawk alerts
Show a banner and red plot styling when an aircraft squawks 7500, 7600, or 7700.
MAP OPTIONS
Select Map Provider
Current: OSM
Satellite map
Off: standard map. On: satellite imagery.
Map refresh
Current: 5 seconds
How often plot positions are redrawn on the map


16:57
TestFlight
90
Chart Options
Close
OPENAIP
Manage OpenAIP data
Airspace, airports, and navaids by country
OpenAIP data © openAIP (CC BY-NC 4.0). Not for navigation.
Show airspace
Include airspace when the map AIP shortcut is on. Not for navigation.
Displaying: United Kingdom
Downloaded — tap to show or hide
United Kingdom
GB · 2.5 MB
Show airports
ICAO aerodromes (blue, labelled). Optional: other landing sites (light green) with FAA/local ids when available. Not for navigation.
Show all landing sites
Heliports, strips, and other sites without ICAO — light green dots. FAA/ local alt ids (e.g. CA36) when OpenAIP lists them. Zoom in if the map view is very wide.
Displaying: Albania
Downloaded — tap to show or hide
Albania
AL · 9 KB
Show navaids
Include navaids when the map AIP shortcut is on. Not for navigation.
Displaying: United Kingdom
Downloaded — tap to show or hide
United Kingdom
GB · 205 KB

WEATHER OVERLAYS

Weather API key

Current: Saved

Required for cloud tiles; improves rain zoom

Rain radar

Live radar from RainViewer. Zoom-7 tiles are scaled in when you zoom closer.

© RainViewer

Cloud cover

OpenWeatherMap cloud tiles (API key required). Free keys allow 60 requests/minute.

© OpenWeatherMap

Wind arrows

Surface wind direction and strength at grid points.

© Open-Meteo

Flight Routes

