QuextFlight
Pilot Quick Start

Version 1.0.4 / Build 51

Prepare the iPad, build a plan and open Flight Ops with clear checks before departure.

PLAN / PREPARE / FLY / REVIEW

Public pilot reference. Prepared from the submitted build 51 release.
Actual Simulator screenshots with numbered editorial directions.
Offline examples are identified throughout.

Digital navigation: Setup | Position & aircraft | Plan
Review & filing | Flight Ops | Afterward & recovery

Start on the ground

Use this guide to prepare the app, build one plan, review the essential information and open Flight Ops. Allow time for initial data downloads. Complete the steps while connected and on the ground, before the app becomes a cockpit reference.

Before you begin: have your QuextFlight sign-in, verified access, aircraft documents and an independent navigation/briefing plan. This guide describes **QuextFlight 1.0.4 build 51**. It does not replace current official charts, an approved navigation system, a full weather briefing, ATC instructions or pilot judgment.

Your first-use sequence: Sign in > finish setup > verify position source > enter aircraft > build route > review weather, loading and NOTAMs > open Flight Ops > review the recorded flight afterward.

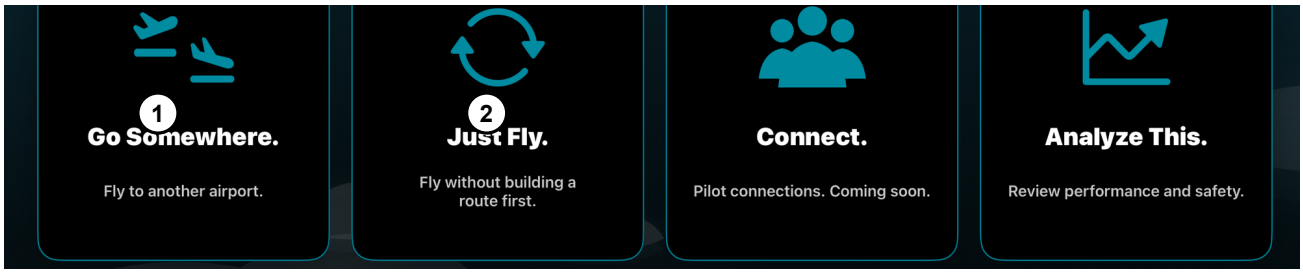


Figure 1. Choose Go Somewhere for a plan or Just Fly for local chart use. Offline demonstration; no live flight data.

1 Go Somewhere. Start the planning sequence on page 5. **2 Just Fly.** Opens Flight Ops without a required destination; aircraft, data and loading checks still apply. Connect is Coming Soon. Analyze This opens saved flight packages.

Treat missing information as missing. A moving map, blank weather panel or silent warning system cannot establish a safe flight. On a Wi-Fi-only iPad, Device mode cannot supply onboard GNSS. Keep a reliable independent position/navigation source.

The screenshots are authentic release Simulator captures in an offline demonstration environment. They show empty or example fields, not a real account or live operational data. A local screen-entry harness assisted capture; live sign-in, pairing, filing and physical flight use were not demonstrated. Numbered markers are editorial annotations.

Print and bind: US Letter, actual size, duplex, long-edge flip. Page 1 is the cover. Odd pages have a 1-inch left inside margin; even pages have a 1-inch right inside margin. Preserve the page order; no blank inserts are needed.

Sign in and prepare offline data

1. While connected, open QuextFlight. Choose **Continue with Apple**, or **Existing account? Sign in with email or Google**. Complete your own provider sign-in. If required, use **Subscribe or Restore Purchases**, then **Check Subscription Again**. Confirm access before going offline.

2. Follow **Begin Setup** or **Resume Setup**. Install **FAA Aviation Data** and **Offline Terrain**. Wait through processing and validation. Use **Repair Data** or **Retry Download** if the corresponding problem is shown.

3. At **Moving Map Charts**, choose coverage and the VFR/IFR packages needed for the route and diversions. Continue only when the setup step completes; finish with **Start QuextFlight**.

4. Open **Settings > Charts/Data**. Review installed coverage, effective dates and readiness. Use **Manage VFR Charts**, **Manage IFR Low Charts** and **Manage FAA Data** as needed. Install required procedure PDFs before an offline flight. Enabling Automatic updates alone does not confirm completion.

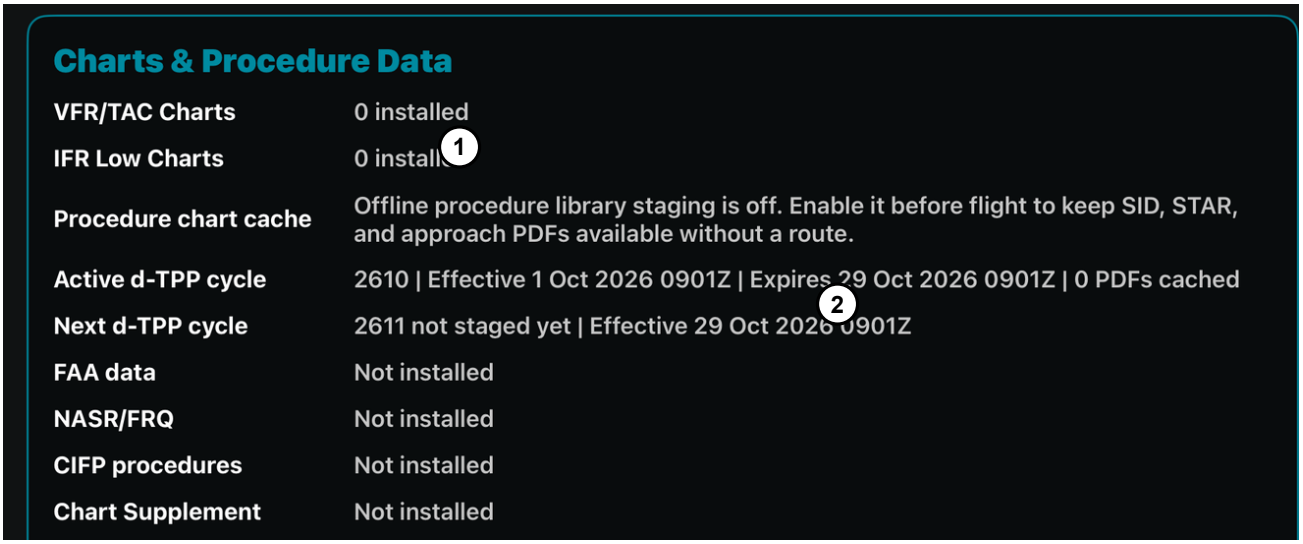


Figure 2. Review chart and procedure data status before departure. Offline demonstration; no live flight data.

1 Check installed status and dates. This example has no installed charts or FAA data. **2 Check the applicable procedure cycle.** Current charts only and offline procedure controls affect downloads; scroll to review the remaining controls.

5. Check the intended chart area and required procedure plates offline on the ground. Reconnect for current weather and NOTAMs. A cached chart image does not prove current coverage or currency.

Allow only permissions needed for your selected workflow. Device position needs Location Services. Phone BLE needs Bluetooth access; X-Plane needs a suitable local network. Voice features can request microphone/speech access. Notifications are optional. Do not treat a permission grant as evidence of a valid position fix.

Ready to continue: your access works; FAA data, terrain and route-area charts are installed; needed procedure plates open; storage and battery are adequate. If a required resource is missing, stop setup and resolve it before departure.

Choose position and enter the aircraft

1. Open **Settings > Preferences** and verify **Position Source**. Choose Device for the iPad's location estimate. A cellular-capable iPad with GNSS can provide satellite position; a Wi-Fi-only iPad has no onboard GNSS. A network estimate is not equivalent to a current GPS fix.

2. If you already have an authorized compatible phone companion, **Phone BLE** can receive phone GPS. The companion's public release is **Coming Soon**. Do not assume a public App Store download is available. Use **Phone Connection** to pair/confirm the intended phone; verify receiver, stream and fix status. No hotspot or internet link is required.

3. For X-Plane training, enable X-Plane and select it only after fresh simulator telemetry is available. Keep simulator weather/source context separate from real flight planning. See the User Manual for setup and weather modes.

Phone BLE limits: automatic flight recording is OFF in this mode. It was designed for cellular-off airplane-mode use with Bluetooth where permitted; sustained airplane-mode compatibility has not been verified. This guide makes no FAA/FCC approval claim. A stale or disconnected source remains selected; the app does not silently substitute another source.

4. Open **Settings > Aircraft > Add Aircraft**. Enter identity, equipment and performance from the actual aircraft documents. Review fuel capacity/burn, cruise/climb/descent information and takeoff/landing inputs. Use **Weight & Balance** for empty weight/moment, limits and station data. Uploaded/imported figures require your verification.

5. Tap **Save** when the profile is correct. Set pilot qualifications and intended Preferences, then **Save Preferences**. Do not treat an imported profile or app estimate as a substitute for the aircraft's approved documents.

Ready to plan: the correct aircraft and loading data are available; the intended source is selected; you understand its limits. Check fix age/accuracy/altitude again in Flight Ops. Groundspeed, track and altitude can be unavailable even when a location is shown.

Build the first route

1. From home, tap **Go Somewhere.** Choose the intended **IFR / VFR** operation. Open **Overview**.

2. Select **Aircraft** and **Departure Time**. Enter **Departure**, **Destination** and the appropriate **Alternate**. Resolve the airport picker to the intended facility; check closures and usable runways. Enter **Fuel On Board** and **Cruise Altitude**.

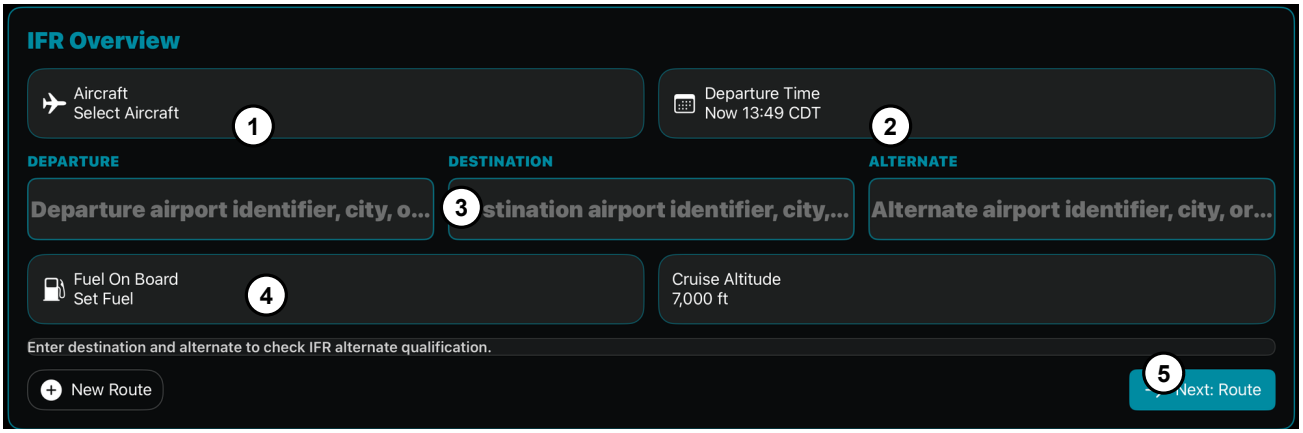


Figure 3. Enter the plan inputs then continue to Route. Offline demonstration; no live flight data.

1 Aircraft. 2 Departure time. 3 Airports. 4 Fuel and altitude. 5 Next: Route. These empty example fields are not a usable flight plan. Departure time affects forecast context and estimates.

3. Tap **Next: Route**. Use **Build Route** to generate a proposal, or the applicable manual/graphical route option. Review the actual path, legs, distance, estimated time, fuel and terrain constraints. A suggested route is not an ATC clearance.

4. If you edit the chart, hold the rendered route line briefly, then drag. Review the candidate and use **Use Route** in the preflight editor; **Cancel** discards it. Recheck the accepted geometry and estimates.

5. Use **Save Route** for later retrieval. **Load Route** reopens a saved plan. Recheck aircraft, fuel, time, loading, weather and restrictions after loading. A saved plan can become stale.

If route building cannot resolve an airport, fix or required data, correct the inputs/data before accepting it. Do not interpret a missing estimate, unavailable terrain or a dismissible runway error as approval to continue.

Review the plan and handle filing

1. **Weather/Terrain:** refresh while connected. Check observations, forecasts, issue/valid times, winds, terrain and route context. A blank or unavailable product is missing information. Obtain a complete current briefing through an appropriate official service.

2. **PWB:** complete the actual per-flight loading. Check weight, center of gravity, usable fuel and takeoff/landing results against aircraft documents, actual runway and conditions. Fix missing profile/station data before departure.

3. **NOTAMs:** use **Refresh NOTAMs**, then scroll the Departure, Destination and Alternate cards independently. Open full notice details and applicable enroute/procedure notices. Review closures, distances, outages and restrictions for the flight time.

4. **Risk:** set actual rest and hunger state, review the factors and **Update Score**. Missing data and any unresolved risk still need a pilot decision; the score is not flight authorization.

5. **Facilities:** review relevant airport services. **Flight Report** assembles the available planning report; inspect its data and times before sharing it.

If filing is needed: File Plan or Facilities > **File Flight Plan** opens the app's internal browser at **1800wxbrief.com**. Sign in to that external service, inspect its fields and complete its workflow yourself. Return with **Done**. This release does not offer integrated native Leidos filing. Do not assume opening the browser files, activates or closes a plan. Verify service confirmation and handle activation/closure through the service used. The browser can open with X-Plane selected; do not file simulator exercise data as a real flight.

Before opening Flight Ops: the actual route/loading/fuel are accepted; weather and NOTAMs are current and reviewed; chart/procedure coverage is ready; aircraft performance and runway suitability are verified; the selected position source is usable; independent navigation and briefing references are available.

Use **Open Flight Ops** when the plan review is complete. It opens the chart/tracking display and does not file a flight plan.

Use Flight Ops with source awareness

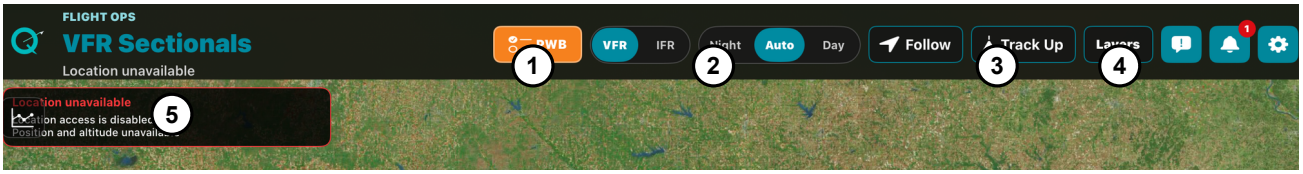


Figure 4. Actual toolbar with location unavailable in the documentation Simulator. Offline demonstration; no live flight data.

1 PWB / chart family. 2 Night, Auto, Day. 3 Follow and Track Up. 4 Layers. 5 Position status. The illustration shows unavailable location and no loaded aviation chart; the background is not proof of chart readiness. Use the actual controls and status on your prepared iPad.

1. Check **source, fix age, accuracy and altitude** before reference use. If location is unavailable or stale, use independent navigation. Do not assume the selected source automatically changes after a loss. Phone altitude is not pressure altitude; track is not heading.

2. Use **Follow** to track the aircraft camera. Turn it off to pan elsewhere, then reenable it. **Track Up** uses fresh ground track. Pan/pinch for chart inspection; the displayed imagery/chart type can change at close zoom.

3. Use **Layers** only for the products you intend to inspect. Check observation/forecast time. Radar, clouds, terrain, TFRs and NOTAM overlays can be delayed, missing or stale. Open the **Vertical profile** icon for available route/track terrain context. **APCH**, runway and procedure tools require correct installed data and selections.

4. Inspect a route change before **Execute**; **Cancel** discards it. A graphical proposal does not supply needed clearance or verify terrain/weather safety.

Warning limits: automatic cockpit audio and visual alerts are inhibited below 35 kt groundspeed. Terrain warnings also have initial-climb and selected-approach inhibition. Missing/stale telemetry can suppress warnings. Silence does not indicate clear terrain, airspace, weather or runway conditions.

Automatic recording can start after takeoff for eligible sources and may continue in the background. Source/permission/app restrictions can interrupt it. Phone BLE automatic recording is OFF; X-Plane records stay local. See the User Manual before depending on recording or sync.

Review afterward and recover common problems

1. After landing, open **Analyze This.** Review **In progress**, **Pending** and **Completed** packages. Load the intended package and inspect the planned route, recorded track and profile. Reconnect for eligible real-flight synchronization; check acknowledgement rather than assuming upload succeeded.

2. Open **Logbook** and review the entry. Correct actual times, aircraft, airports, landings and experience fields. Apply the real flight's values. Missing recording data are not a completed logbook record.

3. Review any private safety markers and draft records deliberately. A local/private ASRS draft is not submission to NASA. Share only the intended report and remove sensitive details first.

Location unavailable: check selected source and device permissions. A Wi-Fi-only iPad cannot gain onboard GNSS by enabling Location Services. For Phone BLE, verify compatible companion, Bluetooth, pairing and fresh stream/fix. For X-Plane, verify the network and fresh position telemetry. Do source changes on the ground where practical.

Chart/data missing: return to **Settings > Charts/Data**. Complete required installs/repair, verify dates and coverage, and reopen the needed area/plate. Do not delete all downloads as a first response immediately before an offline flight.

Weather/NOTAM refresh failed: check connectivity and product timestamps. Cached content can remain visible. Obtain current authoritative information independently before departure.

Route/PWB incomplete: confirm aircraft selection, airports, route geometry, fuel and loading stations/limits. Rebuild/review after correcting inputs. Missing values are not zero.

Account access problem: reconnect and use the original sign-in provider. Restore eligible Apple purchases or recheck subscription status when offered. Logging out does not cancel an Apple subscription. Avoid account/data deletion as routine troubleshooting.

For the full control reference, source details, chart updates, imports, approaches, 3D, recording, logbook, fuel, private safety records and support, read the accompanying **QuextFlight build 51 User Manual**. Use Settings > Help for the available support-ticket workflow. flyquext.com provides the public download location.

This guide's layouts were observed in the isolated release Simulator. Operational behaviors were checked in the frozen release source. Live hardware, sign-in, purchases, weather fetches, filing and in-flight warning timing were not acceptance-tested for document creation.