

Stratos | Windows, PC, Mac OS, and Linux

If you haven't already read the [Flight Operations](#) chapter, we recommend you do so now before continuing.

Other Trackers


Do not run Stratos with smartCARS 3 or Flight Tracker XP running; please make sure you close those applications completely.

Download and Support

To download Stratos for PC, Mac, or Linux, please visit here: <https://skyvexsoftware.com/download>

If you require support with the application, you can either request support in the Stratos Beta Channels in the Walker Air Transport Discord, or by using the internal Stratos help desk system.

Stratos Internal Help Desk

Click the  'Life Ring' icon at the bottom left corner of the application. Inside, you can create a new ticket and/or read your existing tickets.

You can view the official user manual for Stratos here:

<https://docs.skyvexsoftware.com/introduction>

The following details below will walk you through the application from the perspective of a pilot at Walker Air Transport. There are features in the Stratos user manual that we will/do not deploy in our virtual airline.

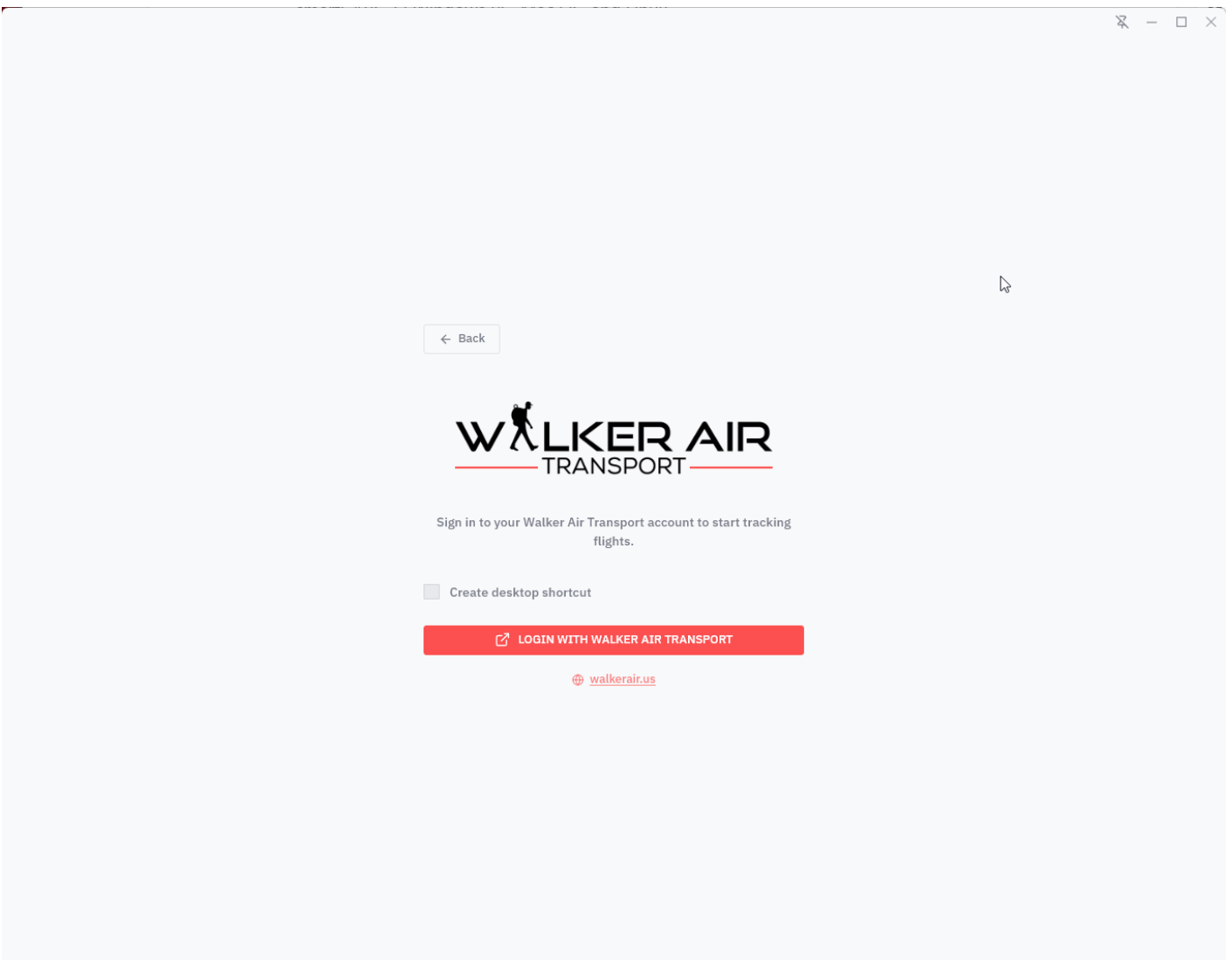
Using Stratos

Logging into Stratos

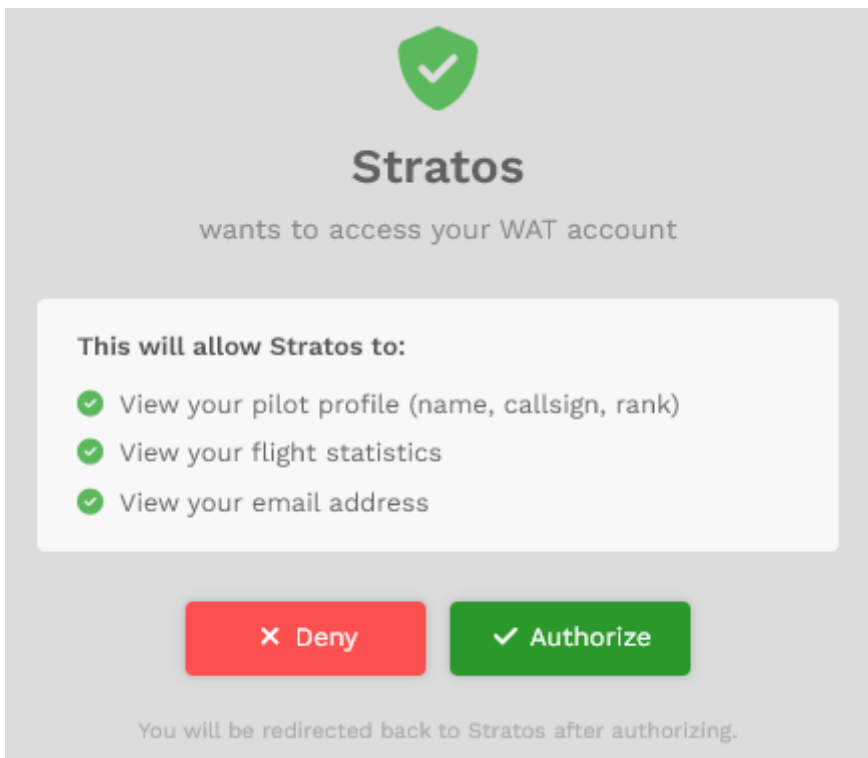
After installing Stratos, you will be asked to pick your Virtual Airline. You will select "Walker Air Transport"



Stratos uses OAuth Single Sign-On (SSO) for authentication. Simply click the “Login with Walker Air Transport” button and sign in using your Walker Air credentials. You’ll be redirected to Walker Air Transport CrewOps to authorize your login securely, eliminating the need to enter your username and password multiple times.



If you are already logged into CrewOps, you will be taken directly to the OAuth approval page. Otherwise, you will first log in and then be presented with the approval page. Simply click “Authorize” to grant access, and you will automatically be issued a token and logged into Stratos.



Pilot Dashboard

The Pilot Dashboard is the main home screen of Stratos and provides a quick overview of your Walker Air activity. From here, you can view important notices from the team, recent NOTAMs, your current rank progression, pilot statistics, and quick-access links to CrewOps, bids, Discord, support, and documentation. This page is designed to keep key information and tools easily accessible before and during your flight operations.

For a new, first time Pilot, these fields will be blank because no flights have been completed.

To navigate through the remaining sections within *Stratos*, click the icons in the left column. You can drag these icons around as well to create your preferred menu layout.

Pilot Dashboard ● Connected to X-Plane
🔍 - □ ×

Welcome back, Storm.

FROM THE TEAM

Make it a habit to check this Flight Log immediately before and after takeoff – and regularly throughout your flight – in order to avoid time-wasting instances resulting in rejected PIREPs.

Help
Search our [documentation](#) first, or open a ticket by clicking "Help > Submit a Ticket" in CrewOps.

Discord
Chat with your fellow pilots on our Discord server. Link your account by clicking your name in the top-right of CrewOps and choosing Discord.

Patreon
We offer Patreon subscriptions that help support the platform. [Read more here.](#)

Have a great flight – let us know if there's anything we can do to make your experience more enjoyable!

Storm W. →

WAT100 • 08 DEC 2019

RANK PROGRESSION

51.5%

🕒	📈	🛩️
2,681.07	39,548	1,079
HOURS	POINTS	FLIGHTS
🏠	📍	📉
KCRG	KCRG	-205
HOME	LOCATION	LANDING RATE

QUICK ACCESS

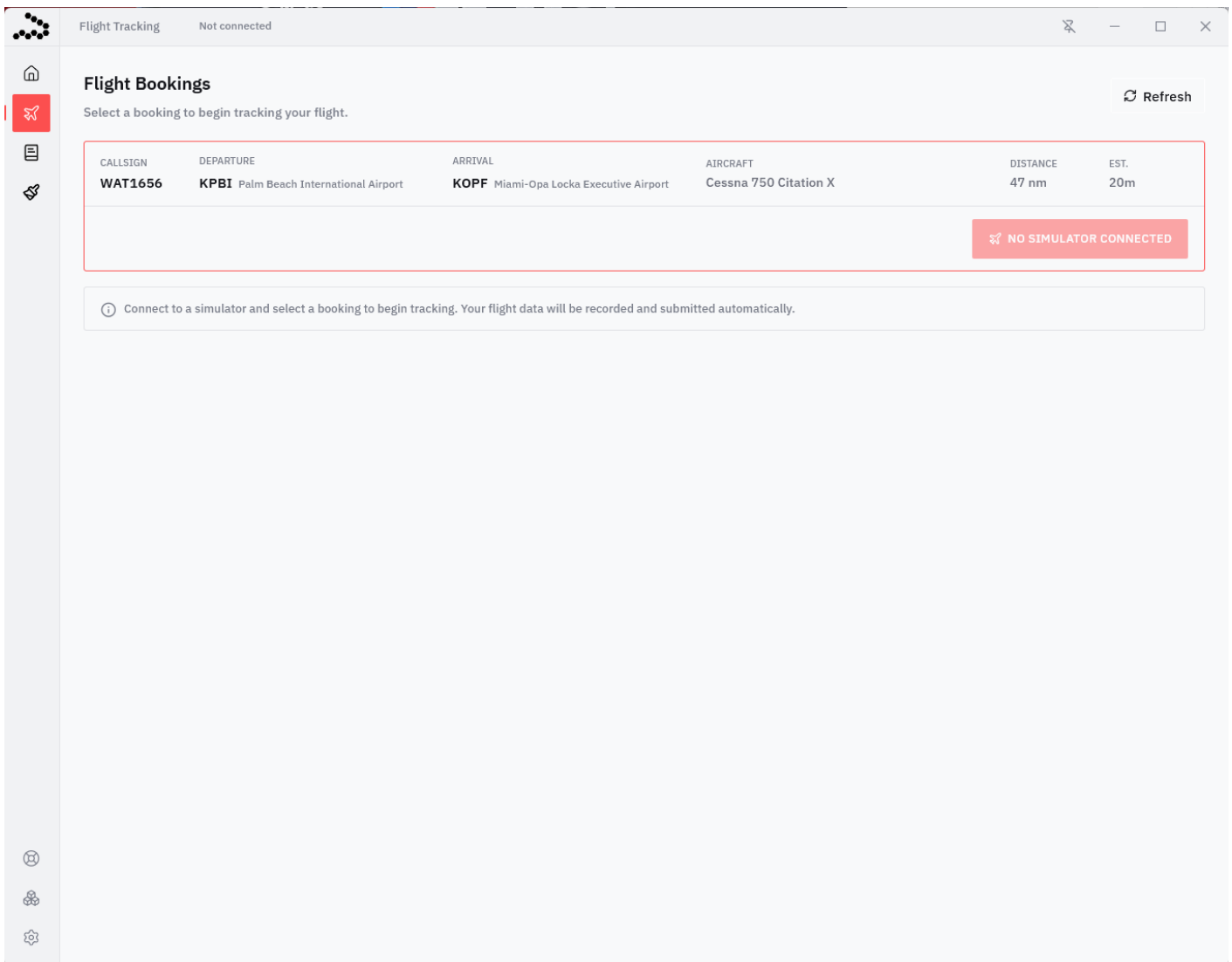
- 🌐 **CrewOps** →
Pilot Portal
- 🛩️ **Bids** →
Assigned flights
- 💬 **Discord** →
Come chat with us
- 🛩️ **Help Desk** →
Support Tickets
- 🛩️ **Help Documentation** →
Documentation Portal

NOTICE TO AIR MISSIONS

- 📄 2026-05-22
Pilot Experience Improvements
[Read more →](#)
- 📄 2026-05-15
New Awards and Points
[Read more →](#)
- 📄 2026-05-13
Rank Adjustment Update
[Read more →](#)

Flight Bookings

The Flight Tracking page is where you select and monitor your active flight booking. Once connected to your simulator, click on a booking to expand it and reveal the **Start Tracking** button. Clicking **Start Tracking** will begin recording your flight automatically. Stratos will track your flight data in real time and submit your PIREP automatically upon completion. This page also provides a quick overview of your route, aircraft, distance, and estimated flight time before departure.



Walker Air Transport Validation System

The following validation checks are specific to Walker Air Transport and are designed to help prevent invalid PIREPs, reduce tracking issues, and ensure compliance with Walker Air policies before a flight begins.

Aircraft Validation

Verifies that the aircraft loaded in your simulator matches the aircraft assigned to your bid.

Event Validation

Checks that you are using an approved Walker Air livery when flying an official event.

Livery Validation

Checks that you are using a valid Walker Air livery when required.

Please pay close attention to the following simulator values:

- Aircraft ICAO
- Aircraft Type

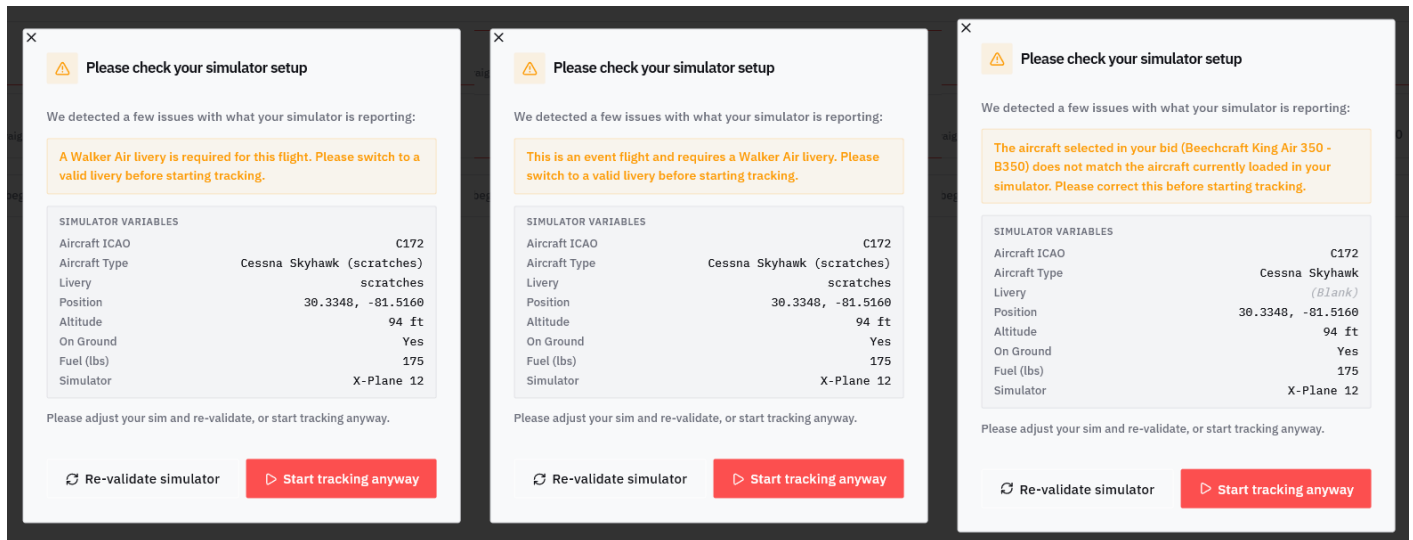
- Livery

These fields are critical for validation. If any of them display as **(Blank)** or do not match your bid requirements, validation will fail and should be corrected before tracking begins.

If an issue is detected, Stratos will display a warning and allow you to either:

- Correct the issue and click **Re-validate Simulator**
- Continue by clicking **Start Tracking Anyway**

⚠ Selecting **Start Tracking Anyway** does not bypass Walker Air policies or validation requirements. Flights that do not meet requirements may still be automatically rejected by our systems. These warnings are provided to help identify issues before your flight begins.



Flight Tracking

If you successfully pass the Walker Air Transport Validation System, you will be taken to the active Flight Tracking screen. This is where Stratos records your flight in real time from boarding to shutdown.

The main map displays your live aircraft position and flight path, while the top status bar provides important flight information including altitude, speed, heading, ground speed, block time, and remaining distance. The right-side Flight Log records major flight events as they occur, such as boarding, engine start, taxi, takeoff, cruise, descent, and landing.

Additional controls allow you to pause tracking, pause Top of Descent calculations, submit your PIREP, or cancel the flight if needed. The bottom-right panel also displays your current flight phase, next waypoint, and estimated arrival information. This screen serves as the primary real-time tracking interface throughout your flight.

Flight Tracking ● Connected to Microsoft Flight Simulator 2024

Tracking | **WAT1656** | KPBI — KOPF | FFX Citation X Winglets WAT Black Executive | TOD in 47 nm | Pause TOD

ALTITUDE	SPEED	HEADING	GROUND SPD	BLOCK TIME	DTG
0 ft	0 kts	272°	0 kts	00:00:00	47 nm

FLIGHT LOG Pause Submit Cancel

- 07:56:17 Using Microsoft Flight Simulator 2024
- 07:56:17 Flying FFX Citation X Winglets WAT Black Executive
- 07:56:17 ICAO: \$\$:C750
- 07:56:17 Now boarding

PHASE: Boarding | NEXT WPT: --- | ETA: ---

Add a comment... ADD

Flight Tracking - Top of Descent Pause

The **Pause at TOD** feature allows Stratos to automatically pause your simulator before reaching Top of Descent (TOD). This is useful for long-haul flights, overnight flights, or situations where you may step away from your computer and want additional time to prepare for descent and arrival.

Auto Mode

In **Auto** mode, Stratos uses your SimBrief flight plan data to automatically determine the Top of Descent point. You can configure how many nautical miles before TOD the simulator should pause. In the example shown, Stratos will automatically pause the simulator **5 nm before the SimBrief-planned TOD**.

Manual Mode

In **Manual** mode, you manually enter the remaining distance to destination where you want the simulator to pause. This uses straight-line distance to the arrival airport and should generally match the TOD shown in your aircraft FMS or flight planning software.

Once the configured distance is reached, Stratos will automatically pause the simulator, allowing you time to return and prepare for descent procedures.

✕

Pause at TOD

Choose how Stratos decides where to pause the simulator before the top of descent.

Auto Manual

Using SimBrief TOD – 5 nm
Stratos will pause 5 nm before the SimBrief-planned top of descent.

✕

Pause at TOD

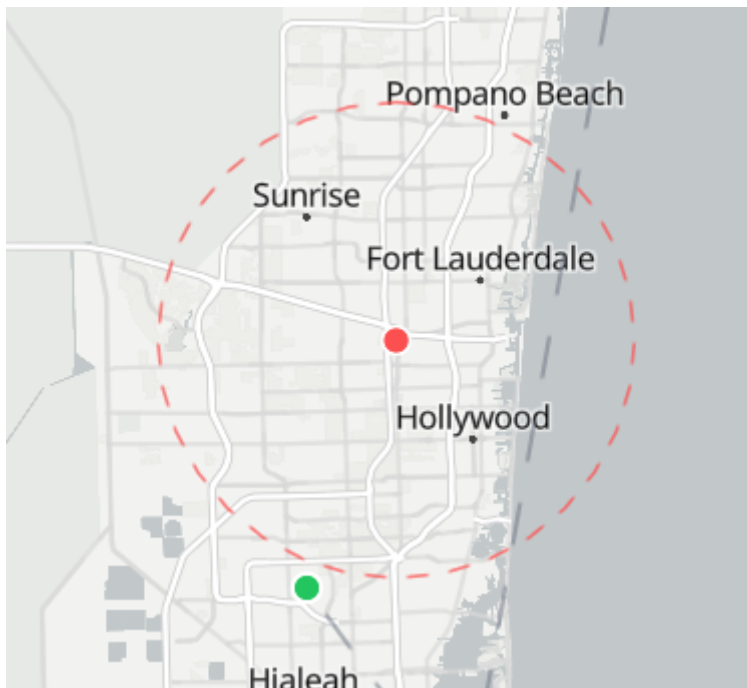
Choose how Stratos decides where to pause the simulator before the top of descent.

Auto Manual

Distance to destination

nm to go

Straight-line distance from the aircraft to the destination airport. Match the TOD shown on your FMS. Must be less than the current 1299 nm remaining.



Flight Completion & PIREP Submission

Once your flight has been completed, Stratos will transition into the arrival and deboarding phases while continuing to record final flight events. During this stage, the Flight Log will display important arrival details such as approach configuration changes, touchdown information, taxi events, engine shutdown, and deboarding activity.

The map will display your completed flight path, allowing you to review your full route from departure to arrival. Your final flight statistics, including landing rate and fuel remaining, are also recorded in the activity log for reference.

When you are satisfied that the flight is complete, click the **Submit** button in the top-right corner to finalize and submit your PIREP to Walker Air Transport. Once submitted, your flight data, statistics, and log entries will be uploaded and processed by CrewOps.

If **Auto-Submit Flight** is enabled in Settings, Stratos may automatically submit the flight for you once all required conditions have been met.

The screenshot displays the Flight Tracking application interface. At the top, it shows the flight ID 'WAT1656' and the route 'KPBI - KOPF'. Below this, a status bar provides real-time data: ALTITUDE 33 ft, SPEED 10 kts, HEADING 97°, GROUND SPD 0 kts, BLOCK TIME 00:31:17, and DTG 1 nm. The central map shows a flight path starting at West Palm Beach, heading south to Miami, and then looping back to West Palm Beach. The right-hand panel, titled 'FLIGHT LOG', contains a list of events such as 'Approach started at 4656 ft with 15 nm to go and 2865 lbs of fuel', 'Flaps set to 50% at 231 kts and 3537 ft', 'Overspeeding at 230 kts', and 'Touched down at -237 fpm, 1.1g, 121 kts, true heading 123, 3 degrees pitch, -0.4 degrees bank, wind 140 at 11 kts, fuel remaining 2749 lbs (809 lbs used)'. At the bottom of the log, it indicates the current phase is 'Deboarding' with a next waypoint 'VKZ 11 nm' and an ETA of '---'. There is also an 'ADD' button for comments.

*If you didn't exceed our flight requirements and/or standards, your PIREP will be automatically approved - and that will be verified by its presence in your **Logbook**.*

Logbook

The Logbook page provides a complete history of your flights flown through Walker Air Transport. At the top of the page, you'll find overall pilot statistics including total flights, hours flown, total

distance, average landing rate, and current rank. Below that is a detailed list of your PIREPs showing route information, aircraft used, flight duration, landing rate, points earned, and flight status.

Flights can be filtered by status such as Accepted, Crashed, Diverted, or Rejected, and the search bar allows you to quickly locate specific flights. This page serves as your personal flight history and performance tracker within Stratos.

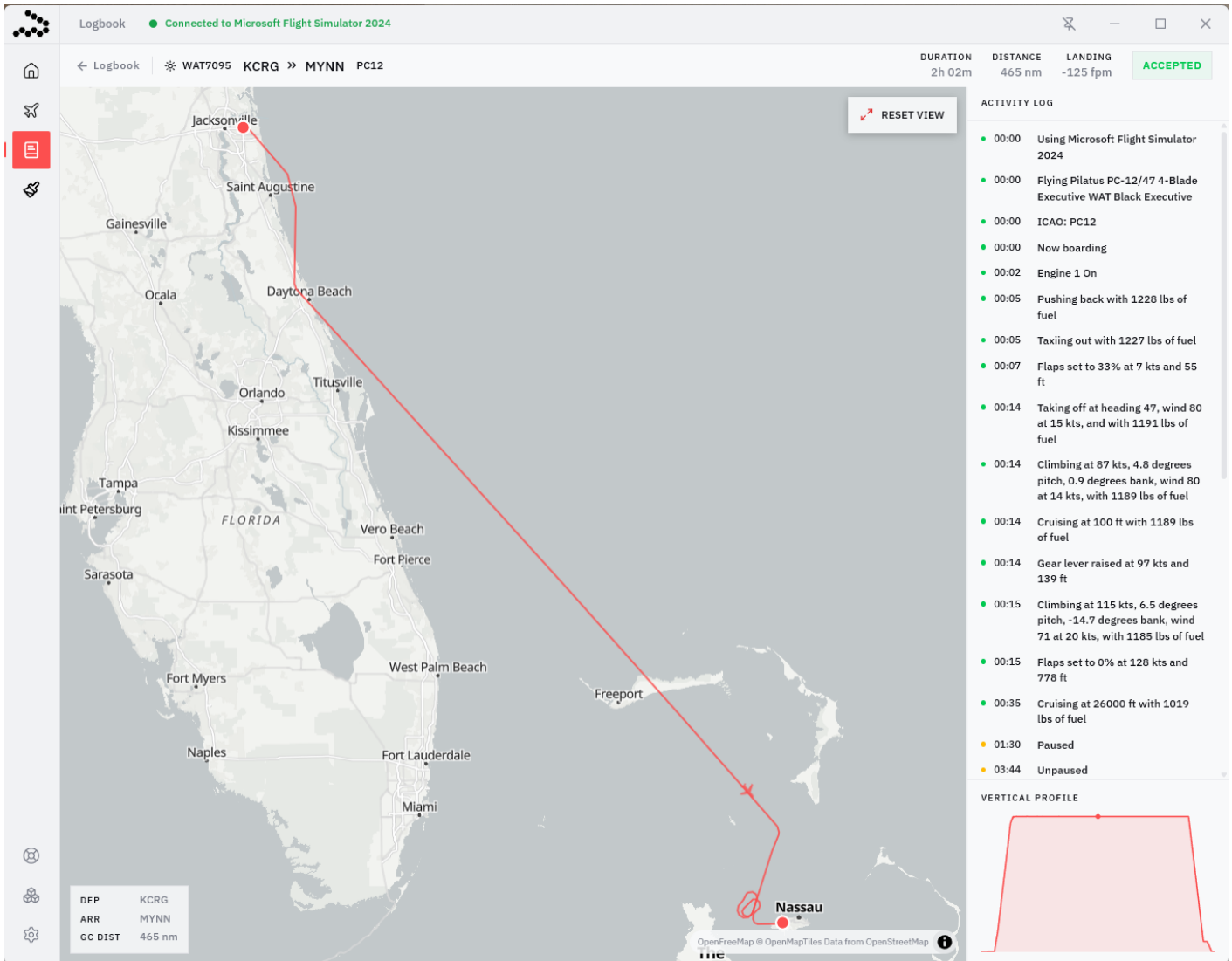
The screenshot shows the 'Logbook' interface with a 'Connected to X-Plane' status. The main section is titled 'PILOT LOGBOOK' and includes a search bar and filters for flight status: ALL (selected), ACCEPTED (1,067), CRASHED (0), DIVERTED (4), and REJECTED (8). Summary statistics are displayed: TOTAL FLIGHTS: 1,079; HOURS FLOWN: 2,681h; DISTANCE: 976kNm; AVG LANDING: -201fpm; RANK: Chief Pilot II.

FLIGHT	ROUTE	AIRCRAFT	LOAD	DURATION	DISTANCE	LANDING	POINTS	DATE	STATUS
WAT511	MYNN » KCRG	PC12	6	2h 00m	463 nm	-160 fpm	25	21 MAY 2026	ACCEPTED
WAT7095	KCRG » MYNN	PC12	6	2h 02m	465 nm	-125 fpm	26	20 MAY 2026	ACCEPTED
WAT456	KSKX » KFMN	PC12	6	0h 47m	128 nm	-151 fpm	10	20 MAY 2026	ACCEPTED
WAT7695	KSAF » KSKX	PC12	6	0h 21m	63 nm	-112 fpm	10	20 MAY 2026	ACCEPTED
WAT687	KROW » KSAF	PC12	6	1h 05m	233 nm	-95 fpm	16	20 MAY 2026	ACCEPTED
WAT904	KALM » KROW	PC12	6	0h 32m	97 nm	-117 fpm	14	20 MAY 2026	ACCEPTED
WAT4370	KE05 » KALM	PC12	6	0h 23m	74 nm	-296 fpm	8	19 MAY 2026	ACCEPTED
WAT1941	KAVQ » KE05	PC12	6	1h 05m	260 nm	-74 fpm	18	19 MAY 2026	ACCEPTED
N81TX	KSDL » KAVQ	PC12	6	0h 35m	116 nm	-149 fpm	11	19 MAY 2026	ACCEPTED
N233CL	KAPF » KPBI	C700	10	0h 37m	120 nm	-103 fpm	8	17 MAY 2026	ACCEPTED
WAT2816	KSOW » KSDL	BE36	3	0h 49m	132 nm	-250 fpm	7	17 MAY 2026	ACCEPTED
WAT5621	KSEZ » KSOW	KODI	9	0h 56m	151 nm	-168 fpm	12	16 MAY 2026	ACCEPTED
WAT738	KINW » KSEZ	KODI	7	0h 50m	137 nm	-310 fpm	7	16 MAY 2026	ACCEPTED
WAT418	KFLG » KINW	KODI	2,404 lbs	0h 31m	77 nm	-244 fpm	8	16 MAY 2026	ACCEPTED
WAT9865	KGCN » KFLG	KODI	2,055 lbs	1h 13m	196 nm	-134 fpm	15	16 MAY 2026	ACCEPTED
WAT4773	KSGU » KGCN	KODI	1,915 lbs	0h 48m	137 nm	-232 fpm	13	16 MAY 2026	ACCEPTED
WAT2203	KCDC » KSGU	C172	2	0h 31m	47 nm	-214 fpm	6	12 MAY 2026	ACCEPTED
N816SW	KSPK » KCDC	C210	4	1h 11m	168 nm	-70 fpm	16	12 MAY 2026	ACCEPTED
WAT951	KPDK » KAPF	CL60	8	1h 56m	625 nm	-150 fpm	120	12 MAY 2026	ACCEPTED

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The detailed Logbook view provides a full replay and breakdown of an individual flight. The interactive map displays your recorded flight path from departure to arrival, while the activity log on the right shows a timeline of key events such as boarding, engine start, taxi, takeoff, cruise, pauses, and landing information.

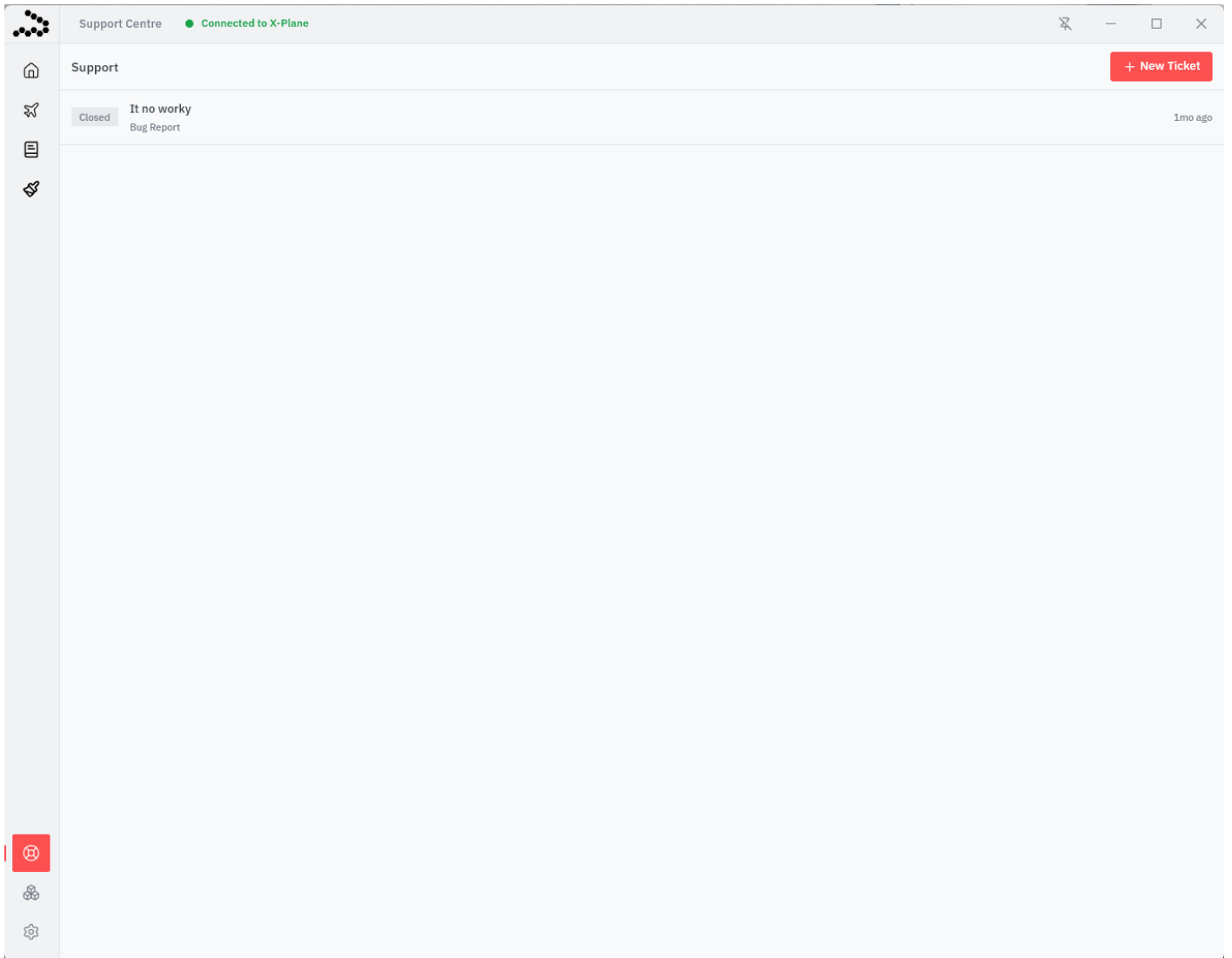
At the top of the page, you can quickly view important flight statistics including duration, distance flown, landing rate, and final PIREP status. The vertical profile graph displays your altitude changes throughout the flight, allowing you to review your climb, cruise, and descent performance. This page is designed to give pilots a complete post-flight review and analysis experience.



Support Centre

The Support Centre allows you to create and manage support tickets directly within Stratos. From this page, you can view the status of existing tickets, track responses from staff, and review previous issues or bug reports.

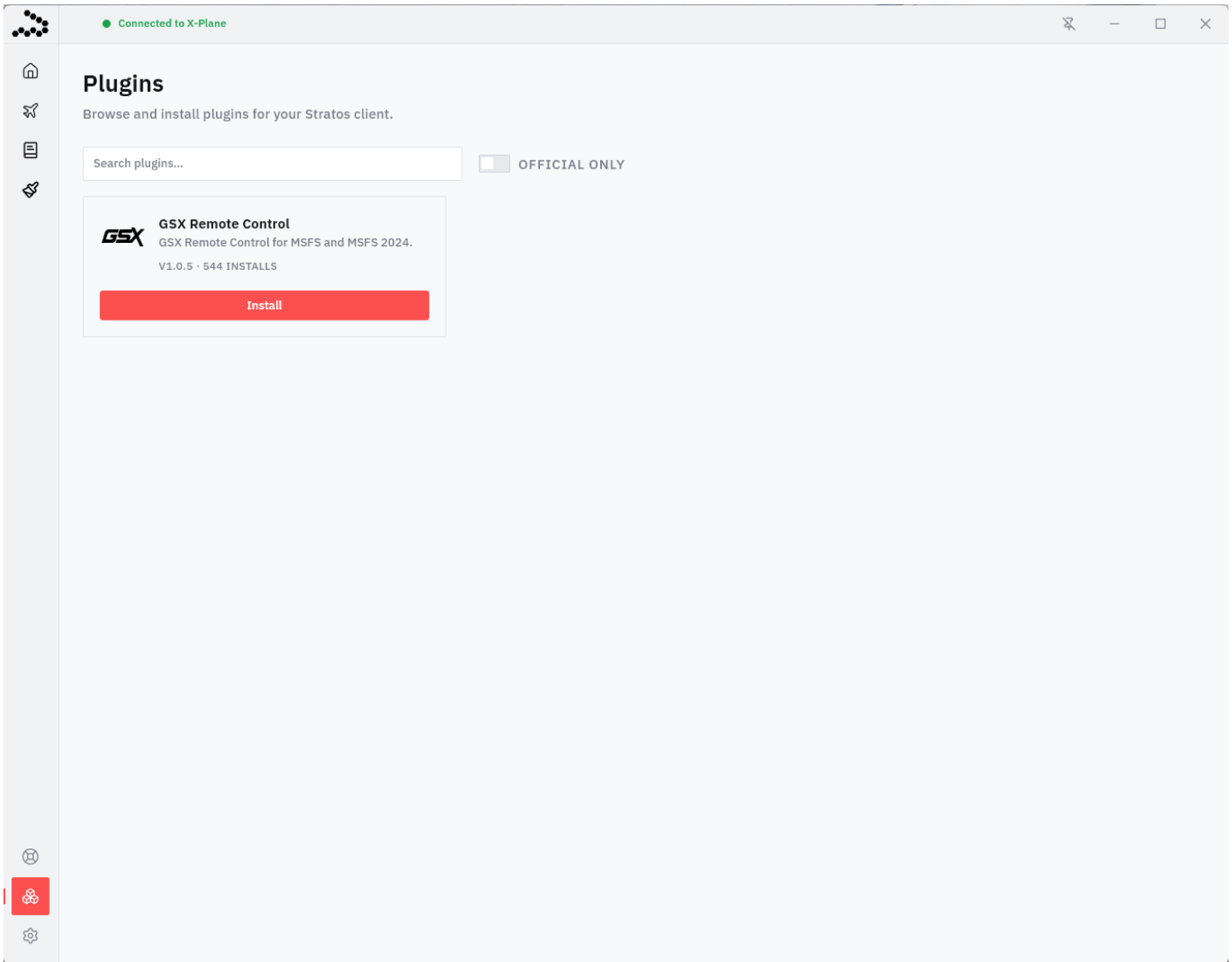
To open a new support request, click the **New Ticket** button in the top-right corner. This system is intended for reporting bugs, requesting assistance, or getting help with issues related to Stratos or Walker Air operations.



Plugins

The Plugins page allows you to browse and install optional add-ons for your Stratos client. These plugins extend functionality and can provide integrations, automation tools, or enhanced simulator features. Simply browse the available plugins, review their descriptions and install counts, and click **Install** to add them to your client.

You can also search for specific plugins or filter to show only official plugins published by trusted developers. Installed plugins are managed directly through Stratos, making it easy to expand your flight experience with additional features.



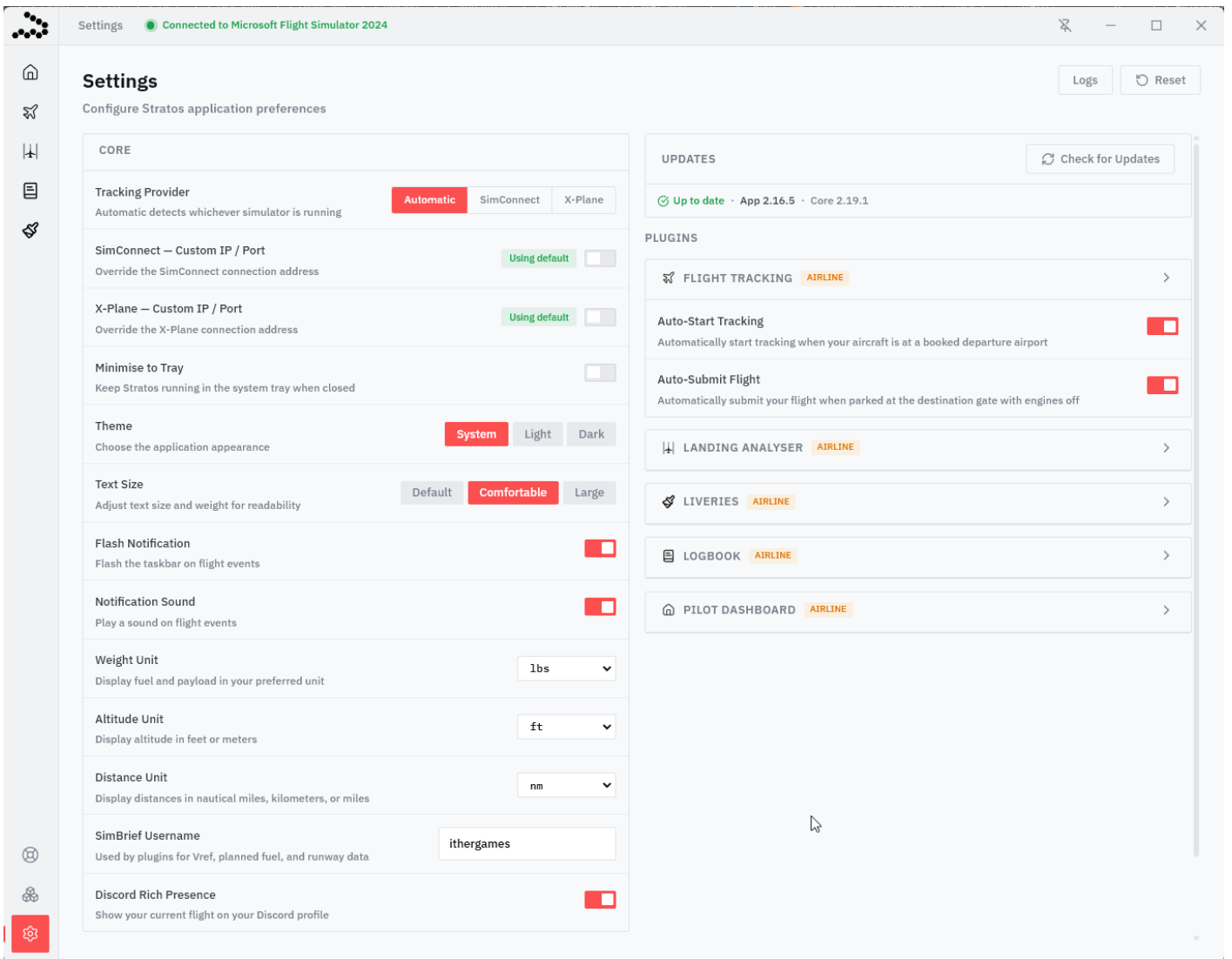
Settings

The Settings page allows you to configure your Stratos client preferences and simulator integration settings. From here, you can select your simulator connection type, customize application appearance, adjust text sizing, configure notifications, and choose preferred measurement units for fuel, altitude, and distance.

Additional options include Discord Rich Presence integration, analytics preferences, SimBrief integration, and flight automation features such as Auto-Start Tracking and Auto-Submit Flight. The right side of the page also provides plugin-specific configuration options and access to application updates, logs, and reset tools. This page is designed to let you personalize Stratos to match your simulator setup and flying preferences.

Tracking Provider	
	You can set this to Automatic, SimConnect, or X-Plane. <i>Automatic will let you move between simulators without having to touch the settings.</i>

<p>Auto-Start</p>	<p>Automatically begins flight tracking after the Walker Air Transport Validation System passes successfully. Stratos will attempt validation up to 3 times within 30 seconds. If validation cannot be completed successfully, a warning message will be displayed. Otherwise, tracking will automatically begin without requiring manual input.</p>
<p>Auto-Submit</p>	<p>Automatically submits your PIREP once all arrival conditions have been met:</p> <ul style="list-style-type: none"> • Within 5 nautical miles of the destination airport • Engines are shut down • Aircraft has entered the Deboarding phase <p>This allows Stratos to complete and submit your flight automatically at the end of your operation.</p>



Reconnecting Your Flight (Crash to Desktop)

If your simulator disconnects or crashes during a flight, Stratos will automatically pause tracking and enter Recovery Mode. This system is designed to help you safely resume your flight without immediately losing your progress.

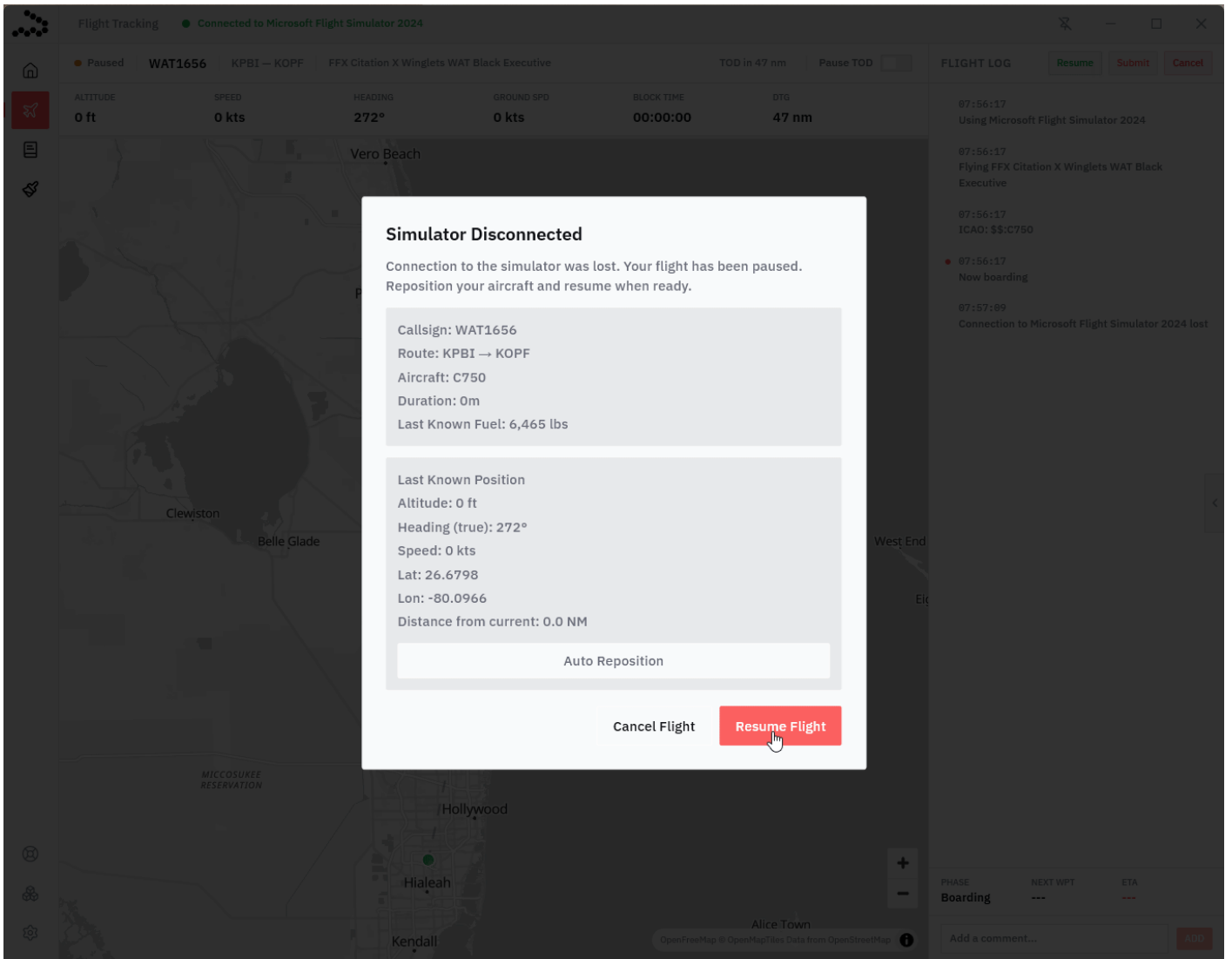
The recovery window displays important information from your last known simulator state, including:

- Callsign and route
- Aircraft type
- Last known fuel quantity
- Aircraft position
- Altitude, heading, and speed
- Distance from your previous position

Once your simulator reconnects, Stratos will compare your current aircraft position to the last recorded position. If everything is within acceptable limits, you may resume tracking by clicking **Resume Flight**. Once you click **Resume Flight**, Stratos will ask for final confirmation before tracking resumes from your current aircraft position.

If supported, Stratos may also provide an **Auto Reposition** option to help place your aircraft back near its last recorded location before resuming the flight.

⚠ Recovery Mode is intended to assist with simulator crashes, disconnects, or accidental closures. It is not intended to bypass Walker Air policies or flight requirements. Significant position changes, aircraft changes, or unrealistic recovery behavior may still result in automatic PIREP rejection or staff review.



Revision #8

Created 2026-05-25 09:55:19 UTC by WAT100 Storm W.

Updated 2026-06-15 16:04:25 UTC by WAT100 Storm W.