

ACARS

smartCARS 3 for Windows®

smartCARS 3 for Windows® Download & Support

To acquire the smartCARS3 application for Windows, Mac, or Linux, kindly visit our official download portal at <https://smartcars.tfdidesign.com/central/download>.

Required Plug-Ins

- [.NET Framework 4.5](#)
- [Visual C++ 2010 Libraries](#)
- [DirectX June 2010 Redistributable](#)

For any assistance related to smartCARS, we encourage you to reach out to TFDi Designs. Regrettably, UVA Staff is unable to provide support for technical issues associated with smartCARS3.

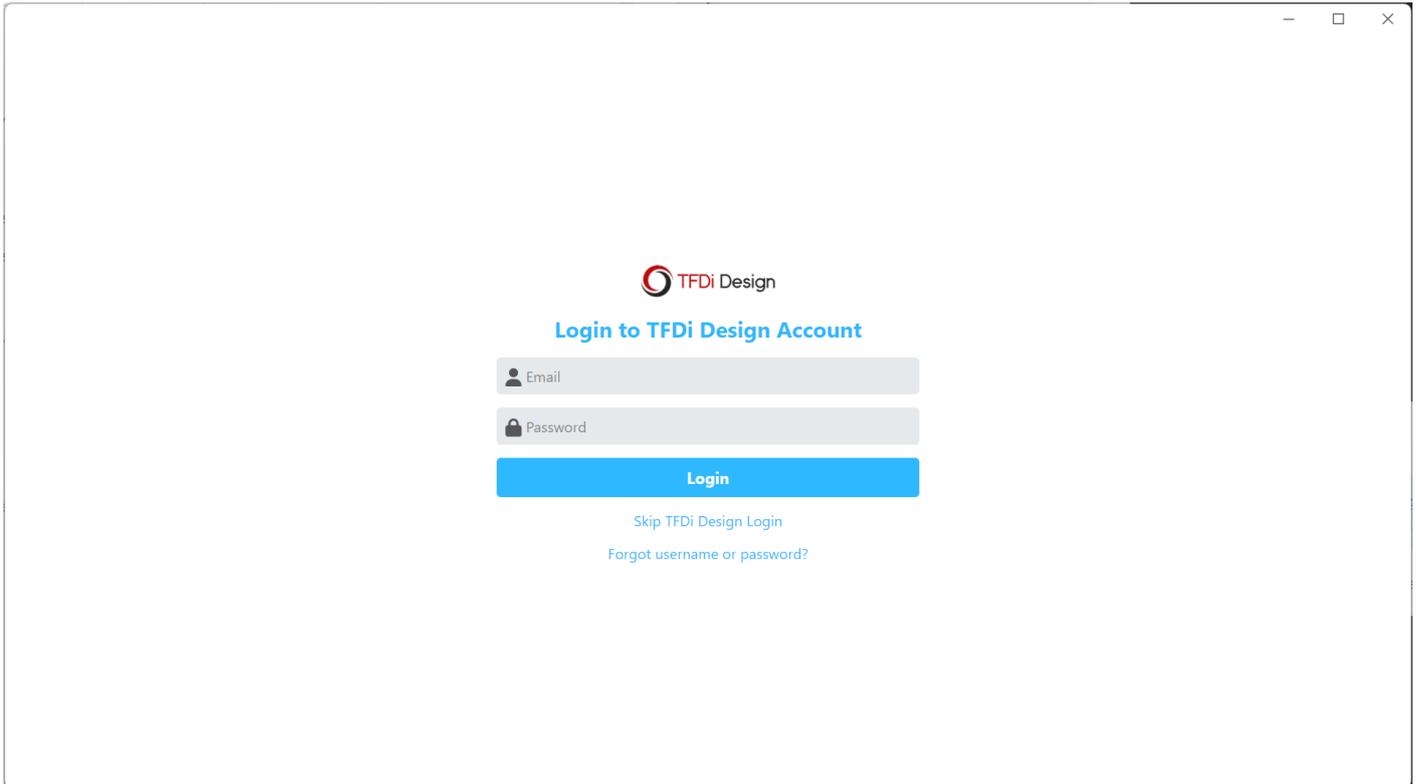
Note: Please consult the following resources for further information

- Discord: <https://discord.com/invite/tfdidesign>
- GitHub: <https://github.com/invernyx/smartcars-3-bugs>
- Support Portal: <https://support.tfdidesign.com/support/home>
- smartCARS3 Official Manual:
<https://support.tfdidesign.com/support/solutions/folders/62000168736>

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Logging into smartCARS 3

Upon launching smartCARS 3 for the first time, you will be prompted to log in using your TFDi account credentials.



TFDi Design

Login to TFDi Design Account

Email

Password

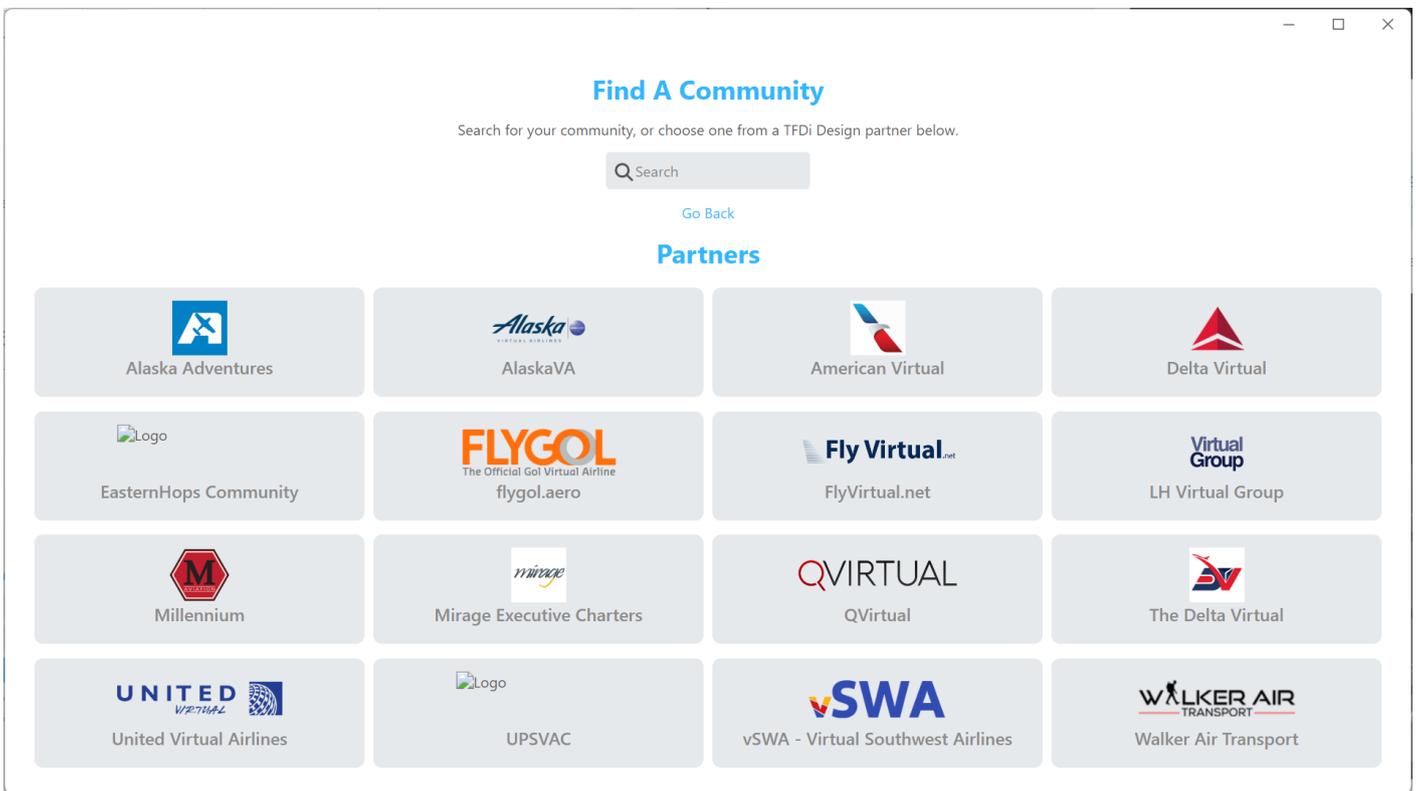
Login

[Skip TFDi Design Login](#)

[Forgot username or password?](#)

However, it is not mandatory to create or log in with a TFDi account. Simply opt for the 'Skip TFDi Design Login' option. It is important to note that by choosing not to log in with your TFDi account, your presence will not be visible on their map within our virtual airline, and access to premium features acquired from TFDi may be restricted.

Upon selecting 'Skip TFDi Design Login,' proceed to choose United Virtual Airlines from the list of affiliated partners.



Accessing United Virtual Airlines in smartCARS 3

Following your selection of United Virtual Airlines, proceed to log in by entering either your email or pilot ID (excluding the UAL prefix). This login information mirrors the credentials you utilize to access our crew website.

Should you encounter difficulty logging into smartCARS 3, we recommend attempting to log into our crew website. Successful access to our website confirms that your credentials are accurate. If issues persist, kindly review and ensure the accuracy of the information entered into smartCARS 3.

Main Page

Greetings and welcome to the primary interface of your smartCARS 3 application. Within this section, you will find key personal details, including your name, pilot ID, and current rank, alongside a comprehensive overview of your individual statistics within our virtual airline. These statistics encompass cumulative flight hours, total completed flights, and an average landing rate.

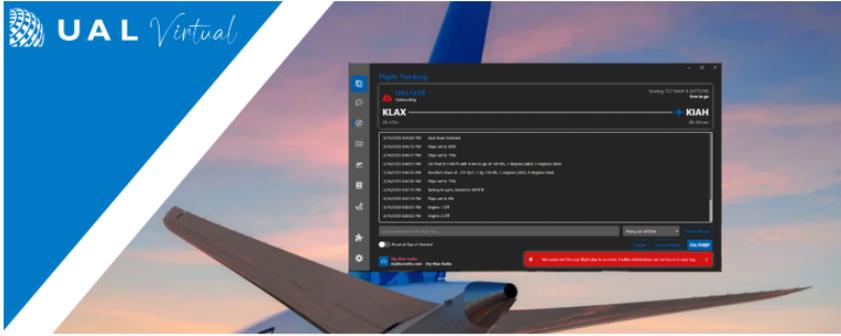
Should you opt to enable notifications in the settings page, relevant updates will be prominently displayed on this main screen for your convenience.

Flight in progress: UVA11595 MMLO to KSJC

Community Welcome

Welcome to United Virtual Airlines | flyuva.org !

SmartCARS Error!



In the event of an error during the PIREP submission, should smartCARS indicate an issue, it is advised to verify on the crew website that the PIREP was successfully submitted. In cases where submission did not occur, capture a screenshot of smartCARS and proceed to submit a manual PIREP through the 'Dispatch' page on the crew website. This ensures accurate recording and reporting of your flight data.

COO | Cody Blackford
 UAL0002
 ATP Captain

Hours 2255	Flights 754	Landing Rate -236 fpm
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Switch Community | Log Out

Notifications Clear All

- Flight start detected, but no bids found
 Wednesday 5:09 PM from Flight Tracking

Sky Blue Radio
skyblueradio.com - Sky Blue Radio

Mobile ?

My Flights

This section serves as the focal point where you can conveniently view the flight assignments you have selected through the crew site bidding process.

Flight in progress: UVA11595 MMLO to KSJC

My Flights

Flight	Departure	Arrival	Time/Distance	Equipment	Actions
UVA11595 Charter Flight	MMLO 00:10	KSJC 03:28	03h 18m 1450 nm	Airbus A220-100 No Cruise Given	 

Sky Blue Radio
skyblueradio.com - Sky Blue Radio

Mobile ?

SimBrief Plugin

In order for your route to import info smartcars and reflect correctly on the VA map and pirep you will need to install the SimBrief plugin. You can do so by clicking the puzzle piece icon in the bottom left corner of the SmartCARS application and then Browse Plugins in the upper right corner. Simply select Add and then go to the settings page and enter your SimBried username to link the account.

Flight in progress: UVA3744 MMUN to MMLO

Plugins

Name	Status	Author	Version	Last Updated	
Flight Center	Verified	TFDi Design	1.1.5	2025-03-19 14:00:07	New
Flight Tracking	Verified	TFDi Design	1.2.12	2025-03-19 14:00:07	New
Logbook	Verified	TFDi Design	1.2.2	2025-03-19 14:00:07	New
Map	Verified	TFDi Design	1.1.6	2025-03-19 14:00:07	New

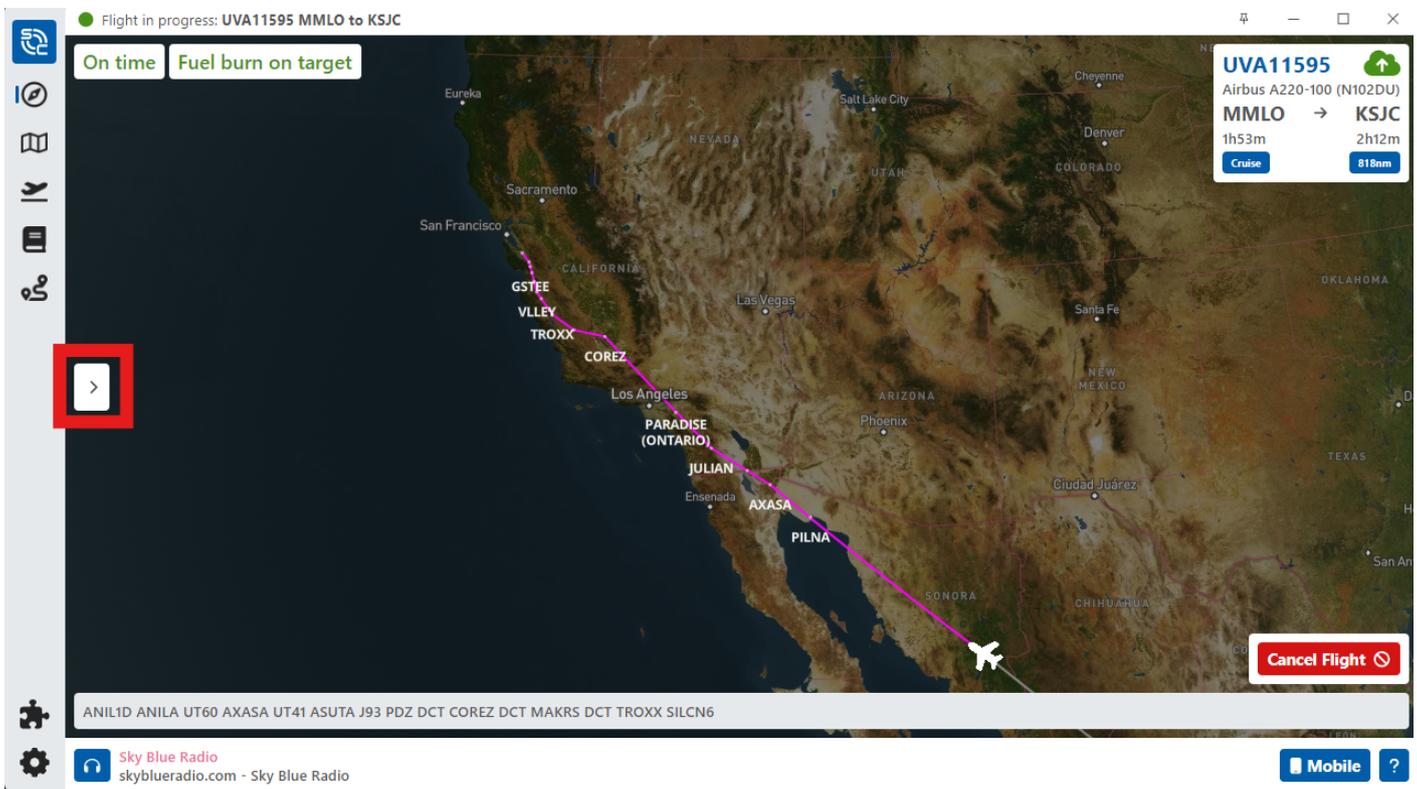
This plugin is managed by your community.

Sky Blue Radio
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Mobile ?

Bid Details and Editing

Upon clicking on the flight tracking button, a box with an arrow will appear on the left side of the screen next to the toolbar. Clicking that arrow will expand your flight log where a more detailed overview is presented, offering you the option to make specific edits:



1. Online Network Selection:

- While not mandatory, opting for the online network selection enables accurate representation on the map under the appropriate ATC network.

Flight Tracking

Upon initiating the 'Fly' option in the preceding window, an alert window will appear in the bottom-right corner of the application, indicating successful connection to your simulator and the commencement of flight tracking. Transitioning to the flight tracking page provides a comprehensive display of your current flight information, accompanied by real-time updates to the flight log as it is actively generated. This feature allows you to monitor and review crucial details throughout the course of your flight in an efficient and accessible manner.

Flight in progress: UVA11595 MMLO to KSJC

On time Fuel burn on target

Flight Log

- 5:10:50 PM Using Microsoft Flight Simulator 2020
- 5:10:50 PM Flying FenixA320 IAE SL Volaris XA-VLB
- 5:10:50 PM Now boarding
- 5:10:50 PM COM1: 122.800, COM2: 121.500, NAV1: 110.50, NAV2: 110.50, Transponder: 2000
- 5:25:50 PM Pushing back with 12747 KGS of fuel
- 5:26:36 PM Taxiing out
- 5:28:25 PM Engine 1 On
- 5:29:47 PM Engine 2 On
- 5:31:19 PM Flaps set to 40%
- 5:42:44 PM Taking off
- 5:43:25 PM Climbing at 156 kts, 15 degrees pitch, -0 degrees bank
- 5:43:28 PM Gear lever raised
- 5:45:35 PM Flaps set to 20%
- 5:46:26 PM Flaps set to 0%
- 6:05:55 PM Cruising at 34000 FT

Add a comment to the flight log... **Comment**

Flvina on VATSIM

Pause at Top of Descent **Pause**

ANIL1D ANILA UT60 AXASA UT41 ASUTA J93 PDZ DCT COREZ DCT MAKRS DCT TROXX SILCN6

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UVA11595
Airbus A220-100 (N102DU)
MMLO → KSJC
1h54m 2h12m
Cruise 815nm

Cancel Flight

Mobile ?

Pause at TOD Functionality

The 'Pause at TOD' feature is now conveniently accessible as a toggle button situated on the bottom-left side of the smartCARS window.

This function calculates your Top of Descent (TOD) based on the current altitude and speed settings within smartCARS. It's important to recognize that the TOD estimation provided by smartCARS may differ from the TOD estimate generated within your Flight Management System (FMS). This distinction ensures precise control over the pause event, enhancing the overall flexibility and adaptability of your flight management experience.

Flight Completion

In smartCARS 3, concluding flights is facilitated by shutting down ALL engines. Alternatively, users may streamline the process by activating the 'Automatic PIREP submission' option in the settings, which automatically submits the PIREP once smartCARS determines engine shutdown.

In the event of an error during the PIREP submission, should smartCARS indicate an issue, it is advised to verify on the crew website that the PIREP was successfully submitted. In cases where submission did not occur, capture a screenshot of smartCARS and proceed to submit a manual PIREP through the 'Dispatch' page on the crew website. This ensures accurate recording and reporting of your flight data.

Logbook

The screenshot displays the smartCARS Logbook interface. At the top, it shows the current flight in progress: UVA11595 MMLO to KSJC. Below this, there are search and filter options for Departure Airport, Arrival Airport, date (mm/dd/yyyy), Aircraft, and Status. The main area contains a table of flight entries, each with a call sign, departure and arrival airports, aircraft type, date and time, and a status indicator (Accepted).

Callsign	Departure	Arrival	Aircraft	Date	Status
UVA3744	MMUN	MMLO	Airbus A220-100	2025-03-19T11:30:07-04:00	Accepted
UVA11569	KMFE	MMUN	Airbus A320-214	2025-03-18T22:04:07-04:00	Accepted
EIN133	EIDW	KBOS	Airbus A330-302	2025-03-15T18:53:51-04:00	Accepted
UVT3702	KDFW	KMIA	Boeing 737 MAX 8	2025-03-15T00:03:49-04:00	Accepted
AAL1179	KORD	KSNA	Boeing 737 MAX 8	2025-03-14T20:44:07-04:00	Accepted
AAL2920	KTPA	KORD	Boeing 737-823	2025-03-13T23:03:17-04:00	Accepted
AAL2535	KDFW	KTPA	Airbus A321-231	2025-03-12T22:41:39-04:00	Accepted
SWA298	KPHX	KOMA	Airbus A319-132	2025-03-12T11:53:43-04:00	Accepted

At the bottom of the interface, there is a Sky Blue Radio logo and a Mobile app download button.

This dedicated page provides a comprehensive overview of your previously logged flights, complete with the corresponding PIREP status for each entry. To enhance user experience, utilize the search and filter options located at the top of the page, allowing for efficient retrieval of specific completed flights based on your preferences and criteria.

Flight in progress: UVA11595 MMLO to KSJC

← UVA3744 Airbus A220-100 MMLO

Accepted Flight 2025-03-19T11:30:07-04:00 819 nm 02h 28m -113 fpm 12,618 lbs

UDGUZA UDGUV MID UJ26 PERGO UT23 TAM UJ14 TMN UT147 SLP UJ40 LIBOL LIBO1B

Some features are limited as this PIREP was not generated by smartCARS 3

2025-03-19T14:00:47.979Z - Using Microsoft Flight Simulator 2020
 2025-03-19T14:00:47.979Z - Flying Fenix A320 IAE SL Volaris 'New Colors' N518VL
 2025-03-19T14:00:47.979Z - Engine 1 On
 2025-03-19T14:00:47.980Z - Pushing back with 9040 KGS of fuel
 2025-03-19T14:00:47.980Z - COM1: 122.800, COM2: 121.500, NAV1: 113.60, NAV2: 113.60, Transponder: 2000
 2025-03-19T14:00:52.133Z - Taxiing out
 2025-03-19T14:01:18.607Z - Flaps set to 40%
 2025-03-19T14:01:20.649Z - Engine 2 On
 2025-03-19T14:03:21.144Z - Transponder code set to 2316
 2025-03-19T14:08:54.555Z - Taking off
 2025-03-19T14:09:27.042Z - Climbing at 173 kts, 10 degrees pitch, -1 degrees bank
 2025-03-19T14:09:35.193Z - Gear lever raised
 2025-03-19T14:10:52.231Z - Flaps set to 20%

Log Map

Sky Blue Radio skyblueradio.com - Sky Blue Radio Mobile ?

Detailed Flight Information

Selecting a specific flight entry within your logbook initiates an in-depth exploration, unveiling comprehensive details about the flight. This includes an intricate log of the journey and a visual representation of the flight path on the map, providing users with a thorough and insightful examination of their aviation experiences.

Map Features

The map showcased in this section diverges from the map featured on our crew center. Notably, the map in smartCARS 3 incorporates versatile display options located in the top-right corner. These options allow users to toggle between different traffic visualization settings, providing a dynamic and customizable perspective of various aerial activities during the specified flight.



Settings

SmartCARS 3 offers a plethora of adjustable settings, providing users with the flexibility to tailor the application according to their individual needs and preferences. It's important to note that modifications to these settings do not impact your flights with United Virtual or interactions on our website, ensuring a seamless and personalized experience without compromising your virtual aviation endeavors.

Flight in progress: UVA11595 MMLO to KSJC

Settings

Reset settings to default Save

Dark Mode

Flash on Notification
Cause window frame/taskbar to flash on notification

Notification Sound

Weight units LBS ▾

Altitude units FT ▾

Landings distance units FT ▾

Discord Rich Presence

Show advanced settings

Flight Tracking Settings

Automatic PIREP submission
Whether smartCARS should automatically submit a PIREP when the flight phase changes to DEBOARDING

Tracking provider **simconnect ▾**

Pro Settings

Abnormal flight conditions cause pause
When enabled, the sim will pause when abnormal flight conditions are detected. This includes excessive pitch, bank angle, unexpected holds, engine failure.

Open logs folder

Debug

Sky Blue Radio
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Mobile ?

1. Be sure your settings are set up to record your flight data in the correct measurement units
2. Be sure SmartCARS is set up to pull the information for the correct simulator
 1. Simconnect for MSFS/P3D
 2. Xplane for XP11 and XP12
3. We recommend that you turn the automatic submission feature off as this will allow you control over what pireps you want to submit and not.

Revision #12

Created 24 January 2024 19:10:58 by UAL3 Zac P. | CTO

Updated 20 March 2025 23:42:00 by UAL2 Cody B. | COO